

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020749.D
 Acq On : 05 Jun 2019 22:49
 Operator : HP/JU
 Sample : IDOC-04-RC
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-04-RC

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:22:09 AM

Quant Time: Jun 06 03:44:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	356552	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1380697	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	721969	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1346324	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1114093	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1273722	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2812519	138.76	ng	0.00
7) Phenol-d6	6.99	99	3629904	121.62	ng	0.00
23) Nitrobenzene-d5	8.99	82	2187936	82.10	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1214605	135.78	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4847175	89.26	ng	-0.01
79) Terphenyl-d14	19.83	244	5241222	78.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	322266	38.833	ng	94
3) Pyridine	3.74	79	911525	34.523	ng	97
4) n-Nitrosodimethylamine	3.66	42	423656	37.222	ng	92
6) Aniline	7.16	93	1259935	29.175	ng	99
8) 2-Chlorophenol	7.39	128	1092164	43.312	ng	98
9) Benzaldehyde	6.97	77	321420	14.800	ng	95
10) Phenol	7.02	94	1326408	41.239	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	974015	37.999	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1139915	39.334	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1158617	39.326	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1116194	38.931	ng	99
15) Benzyl Alcohol	8.06	79	957664	36.270	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1300578	32.864	ng	98
17) 2-Methylphenol	8.26	107	886638	39.202	ng	99
18) Hexachloroethane	8.89	117	422242	37.433	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	798942	33.301	ng	95
20) 3+4-Methylphenols	8.59	107	1169606	38.009	ng	99
22) Acetophenone	8.65	105	1503439	42.864	ng	97
24) Nitrobenzene	9.03	77	1173628	43.141	ng	97
25) Isophorone	9.55	82	2075775	39.159	ng	100
26) 2-Nitrophenol	9.73	139	526318	51.911	ng	97
27) 2,4-Dimethylphenol	9.79	122	937319	49.336	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1288155	40.191	ng	100
29) 2,4-Dichlorophenol	10.26	162	982159	46.725	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	1090068	45.101	ng	99
31) Naphthalene	10.66	128	3098177	43.636	ng	99
32) Benzoic acid	9.93	122	533985m	45.012	ng	
33) 4-Chloroaniline	10.77	127	501593	15.180	ng	97
34) Hexachlorobutadiene	10.94	225	639441	44.093	ng	99
35) Caprolactam	11.57	113	263711m	36.113	ng	
36) 4-Chloro-3-methylphenol	11.89	107	970434	39.709	ng	98
37) 2-Methylnaphthalene	12.27	142	2244102	42.642	ng	99
38) 1-Methylnaphthalene	12.50	142	2115330	42.213	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1172891	49.574	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1456004	102.897	nq	99
43) 2,4,6-Trichlorophenol	12.88	196	730172	47.945	nq	99
44) 2,4,5-Trichlorophenol	12.95	196	775867	49.347	nq	95
46) 1,1'-Biphenyl	13.29	154	2765997	45.873	nq	98
47) 2-Chloronaphthalene	13.33	162	2154051	44.263	nq	98
48) 2-Nitroaniline	13.54	65	577469	37.807	nq	91
49) Acenaphthylene	14.18	152	3305497	43.532	nq	100
50) Dimethylphthalate	13.92	163	2480456	40.214	nq	100
51) 2,6-Dinitrotoluene	14.04	165	540641	43.167	nq	91
52) Acenaphthene	14.52	154	1937682	42.821	nq	98
53) 3-Nitroaniline	14.37	138	342322	24.488	nq	92
54) 2,4-Dinitrophenol	14.57	184	450620	83.303	nq	92
55) Dibenzofuran	14.86	168	3019017	42.957	nq	98
56) 4-Nitrophenol	14.67	139	819276	79.530	nq	91
57) 2,4-Dinitrotoluene	14.83	165	699791	41.730	nq	92
58) Fluorene	15.51	166	2360293	40.839	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	633995	46.276	nq	96
60) Diethylphthalate	15.29	149	2367371	37.214	nq	98
61) 4-Chlorophenyl-phenylether	15.50	204	1257222	41.084	nq	94
62) 4-Nitroaniline	15.53	138	494094	33.326	nq	94
63) Azobenzene	15.80	77	2236723	36.674	nq	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	274869	45.445	nq	90
66) n-Nitrosodiphenylamine	15.72	169	2010450	46.647	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	726143	45.809	nq	93
68) Hexachlorobenzene	16.50	284	837184	45.229	nq	94
69) Atrazine	16.67	200	620644	48.250	nq	99
70) Pentachlorophenol	16.85	266	932790	105.633	nq	98
71) Phenanthrene	17.24	178	3305184	43.310	nq	100
72) Anthracene	17.34	178	3356285	43.941	nq	100
73) Carbazole	17.61	167	2849900	41.116	nq	100
74) Di-n-butylphthalate	18.17	149	3401458	37.804	nq	99
75) Fluoranthene	19.26	202	3440878	40.544	nq	99
77) Benzidine	19.45	184	1418878	42.031	nq	99
78) Pyrene	19.62	202	3473805	40.632	nq	100
80) Butylbenzylphthalate	20.52	149	1325795	36.695	nq	94
81) Benzo(a)anthracene	21.36	228	3232465	41.664	nq	99
82) 3,3'-Dichlorobenzidine	21.30	252	1048214	36.895	nq	98
83) Chrysene	21.42	228	3168040	42.957	nq	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1831322	34.875	nq	# 100
85) Di-n-octyl phthalate	22.19	149	2993726	35.910	nq	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4670007	61.897	nq	98
88) Benzo(b)fluoranthene	22.98	252	3505630	41.641	nq	99
89) Benzo(k)fluoranthene	23.03	252	3580808	43.525	nq	99
90) Benzo(a)pyrene	23.57	252	3561433	46.640	nq	99
91) Dibenzo(a,h)anthracene	26.00	278	3932333	53.080	nq	99
92) Benzo(g,h,i)perylene	26.70	276	3815571	55.450	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

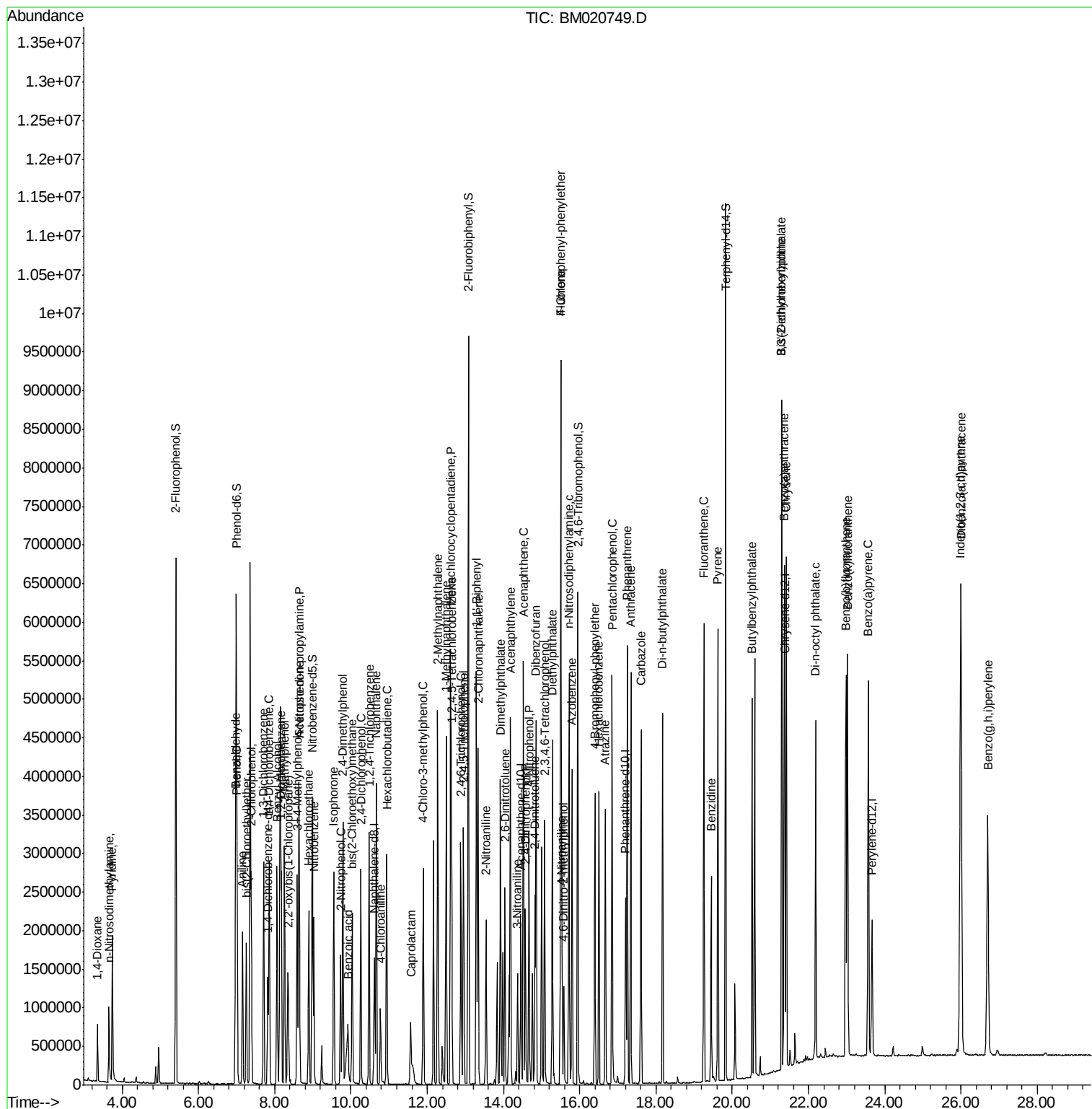
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
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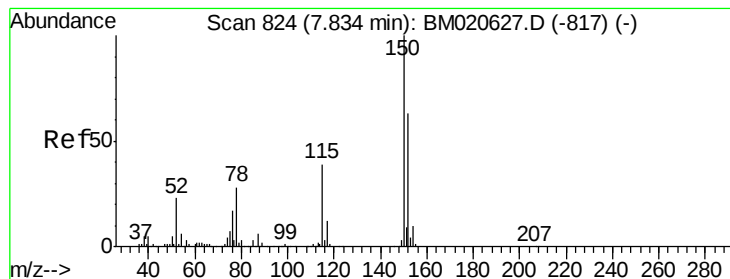
Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

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#1

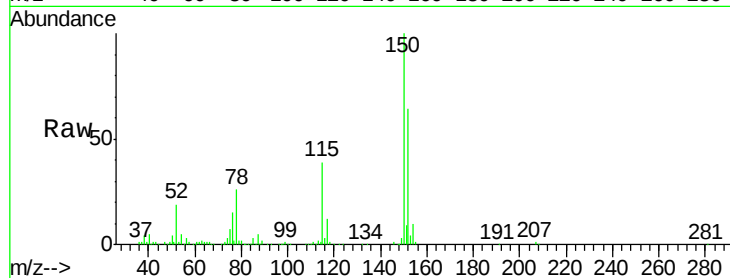
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleID :
IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.0	189.0
115	60.8	49.6	74.4

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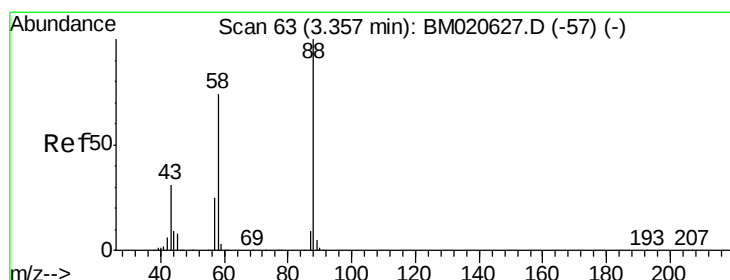
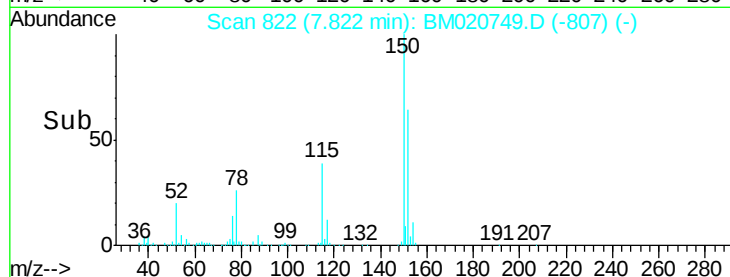
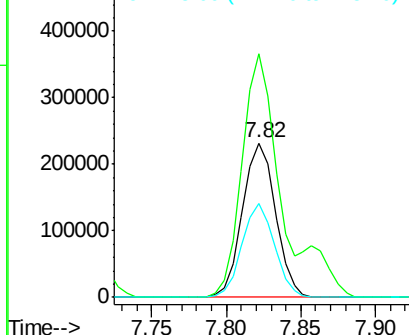


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

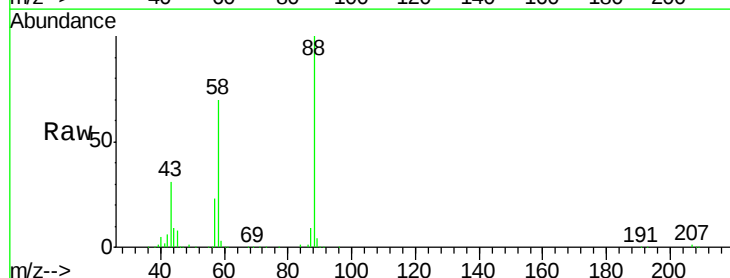
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.833 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	60.2	90.4
43	28.1	25.3	37.9

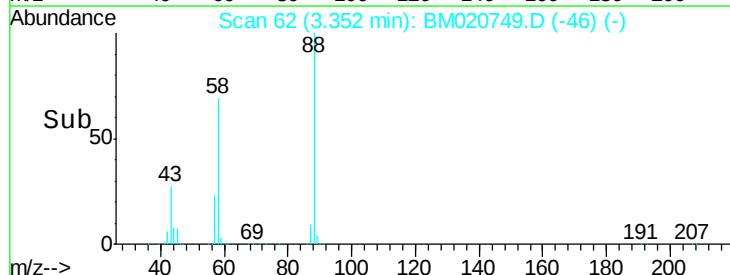
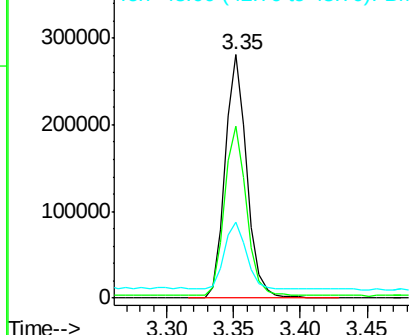


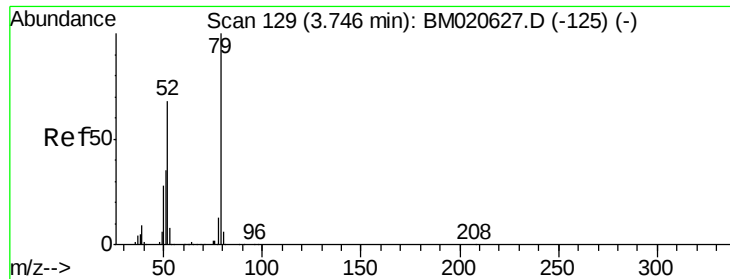
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 34.523 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

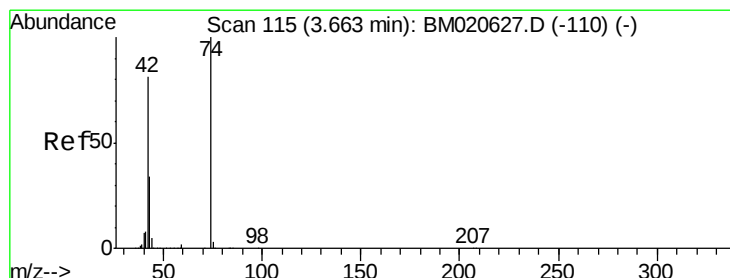
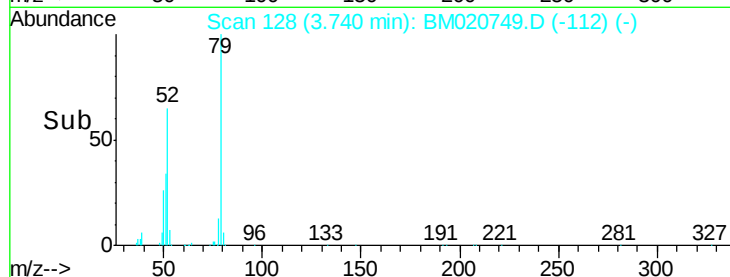
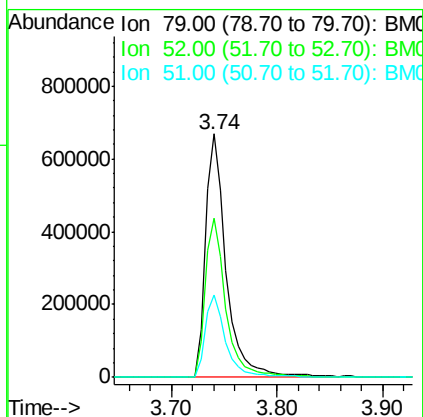
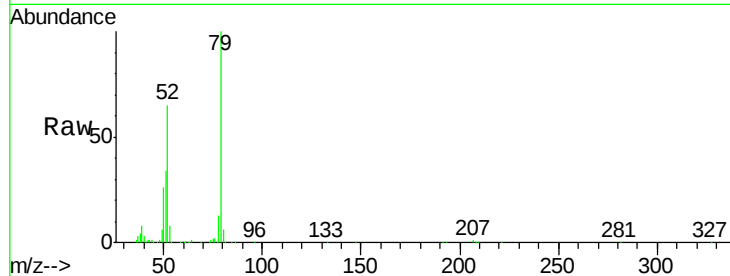
ClientSampleId :

IDOC-04-RC

Tot Ion:	79	Resp:	911525
Ion	Ratio	Lower	Upper
79	100		
52	65.4	54.1	81.1
51	33.9	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 37.222 ng

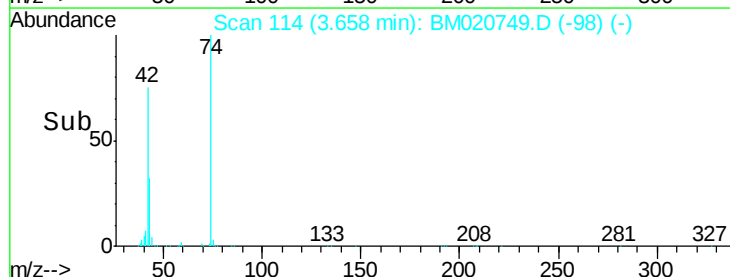
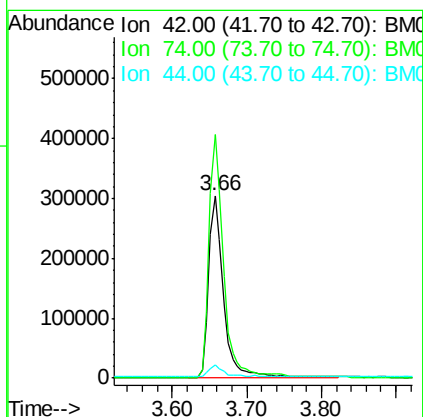
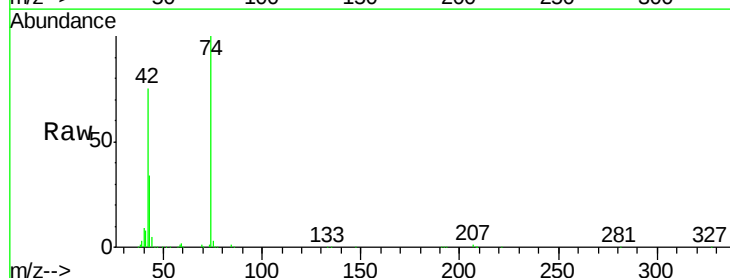
RT: 3.66 min Scan# 114

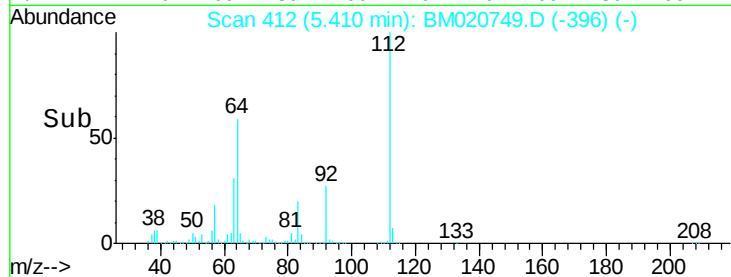
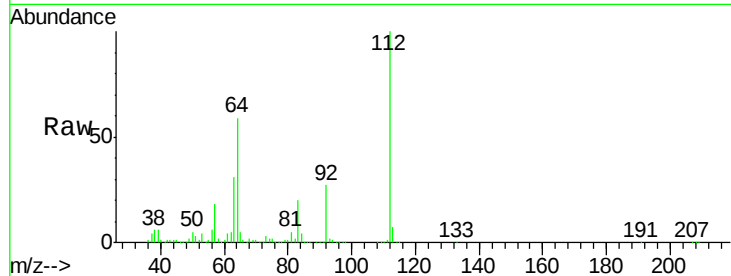
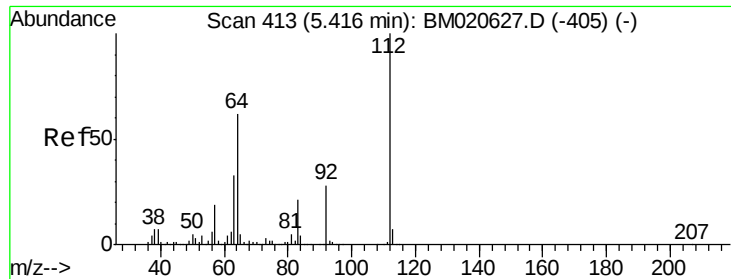
Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Tgt Ion:	42	Resp:	423656
Ion	Ratio	Lower	Upper
42	100		
74	133.3	99.4	149.0
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 138.757 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Tot Ion:	112	Resp:	2812519
Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.7	74.5
63	30.8	26.4	39.6

Instrument :

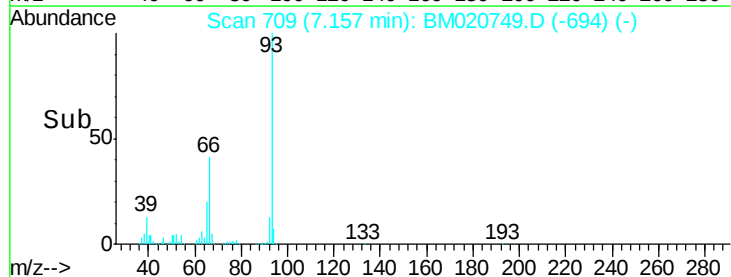
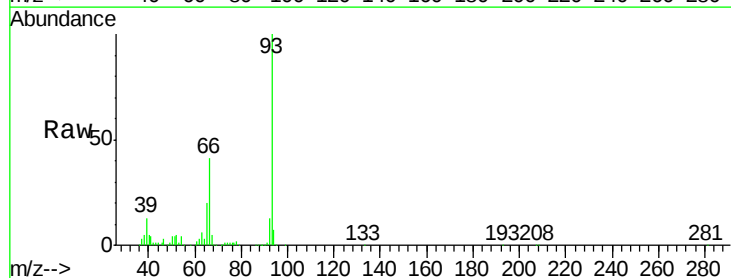
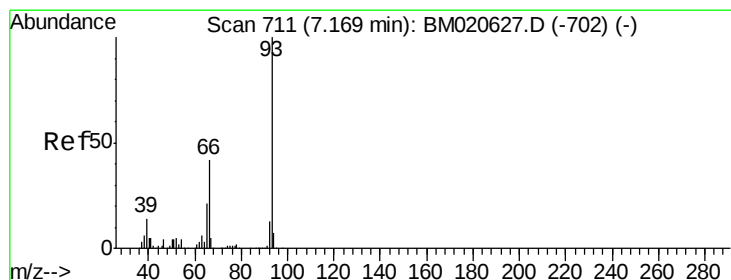
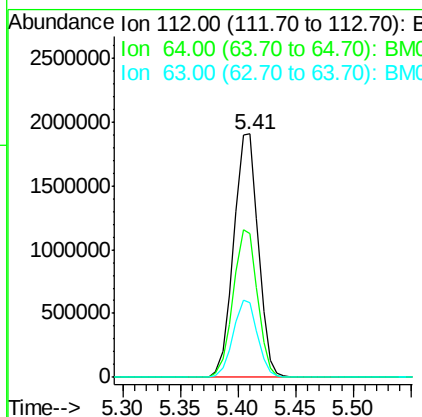
BNA_M

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#6

Aniline

Concen: 29.175 ng

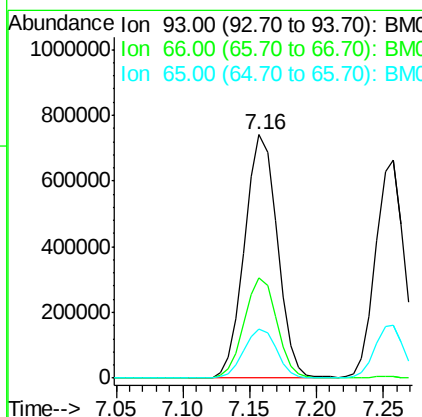
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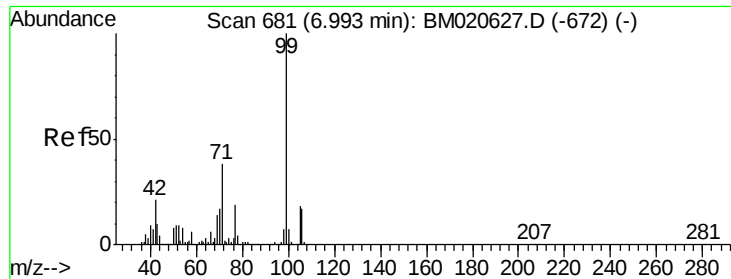
Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Tgt Ion:	93	Resp:	1259935
Ion	Ratio	Lower	Upper
93	100		
66	41.1	33.6	50.4
65	20.3	16.7	25.1





#7

Phenol-d6

Concen: 121.621 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion: 99 Resp: 3629904

Ion Ratio Lower Upper

99 100

42 18.2 16.5 24.7

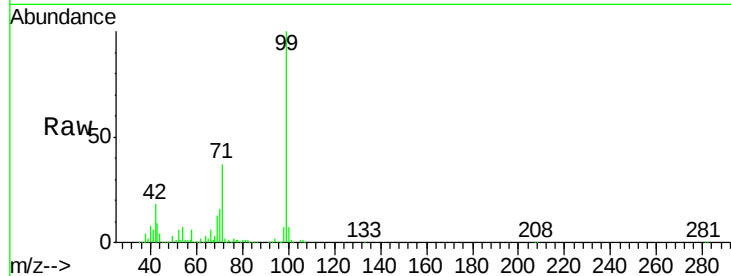
71 37.0 30.7 46.1

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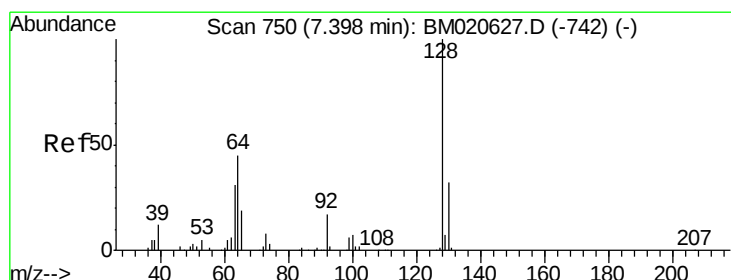
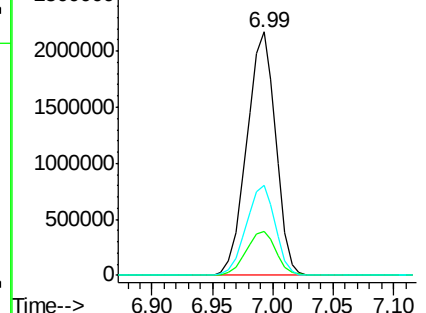
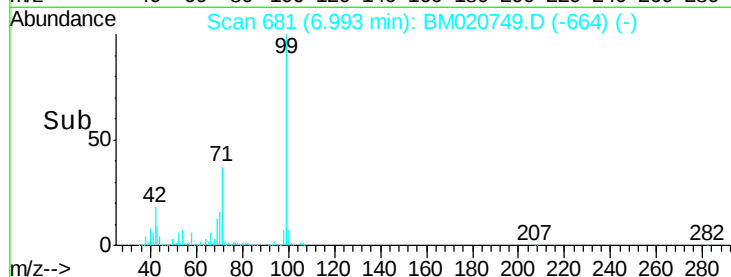
6/6/2019 11:22:09 AM



Abundance Ion 99.00 (98.70 to 99.70): BM020749.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020749.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020749.D (-664) (-)



#8

2-Chlorophenol

Concen: 43.312 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

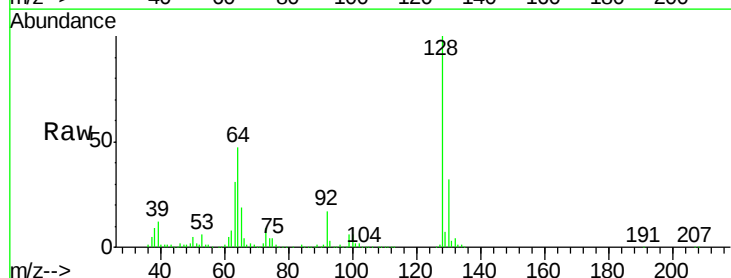
Tgt Ion:128 Resp: 1092164

Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

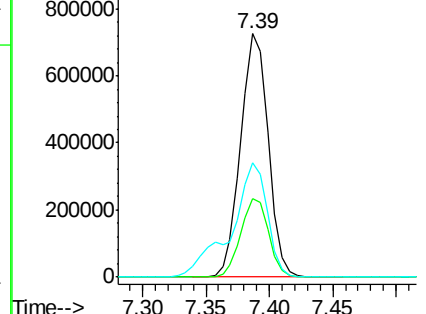
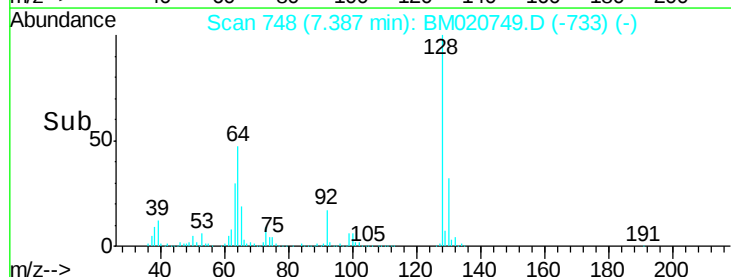
64 47.1 29.1 69.1

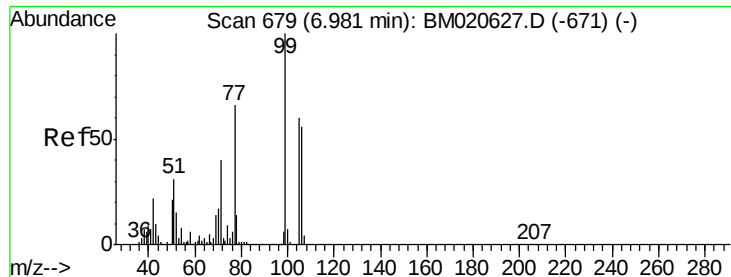


Abundance Ion 128.00 (127.70 to 128.70): BM020749.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020749.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020749.D (-733) (-)





#9

Benzaldehyde

Concen: 14.800 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

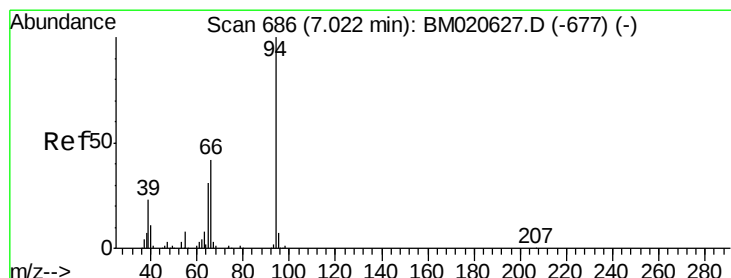
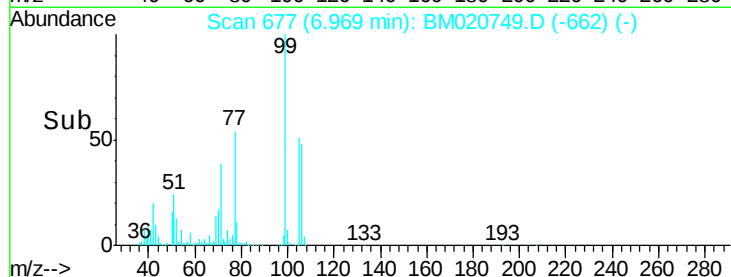
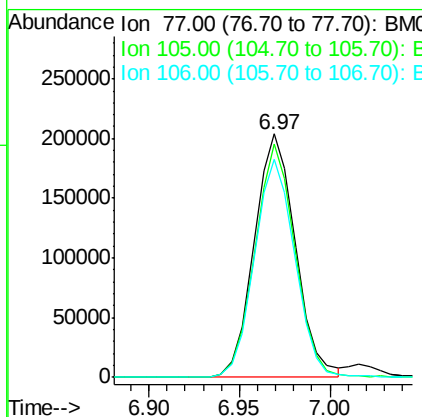
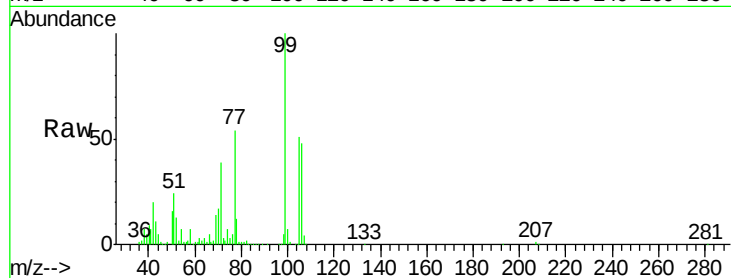
ClientSampled :

IDOC-04-RC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	95.8	70.6	110.6	
106	89.8	64.9	104.9	

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#10

Phenol

Concen: 41.239 ng

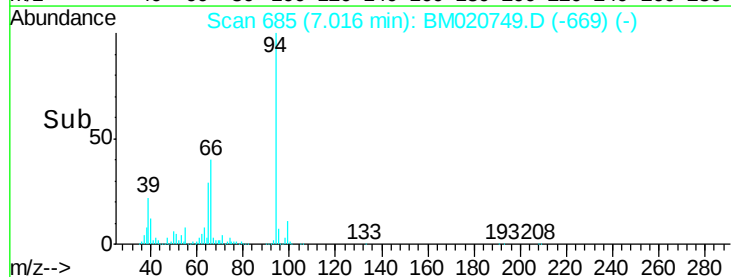
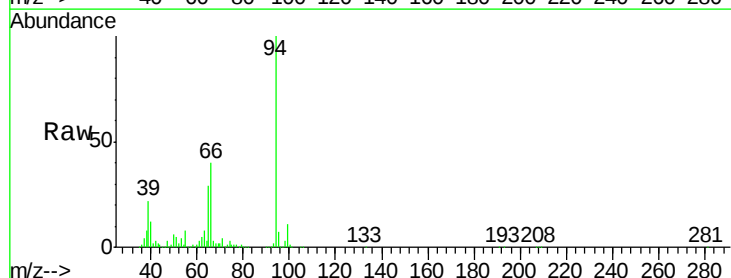
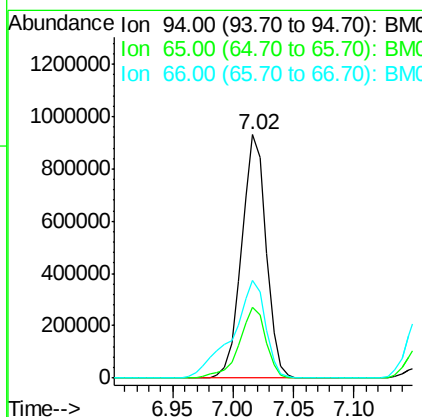
RT: 7.02 min Scan# 685

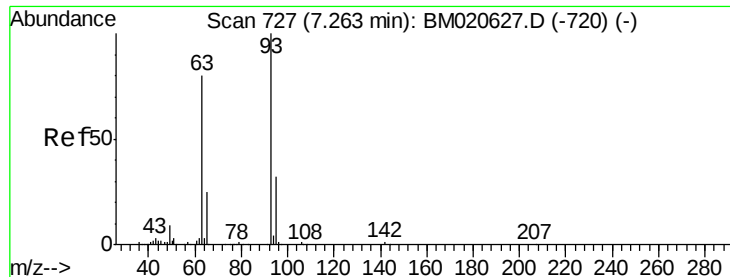
Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.1	10.7	50.7	
66	40.1	22.3	62.3	





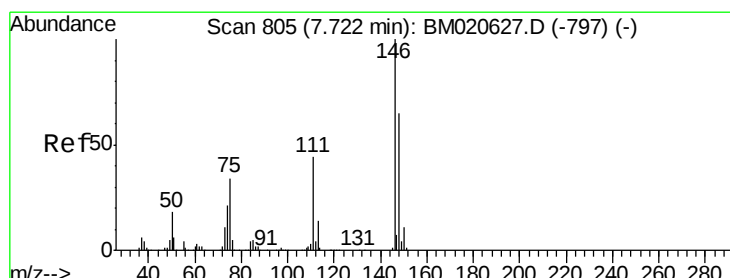
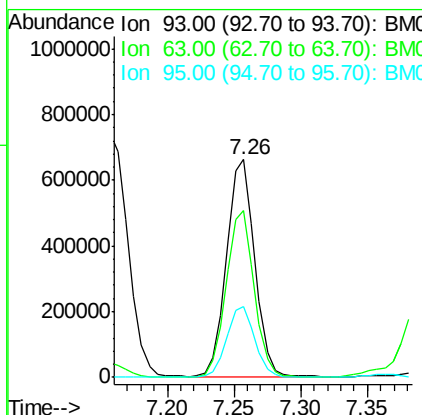
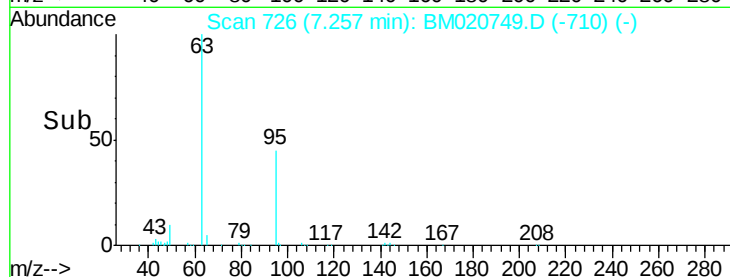
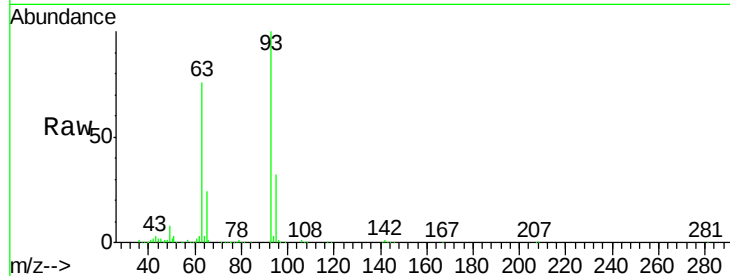
#11
bis(2-Chloroethyl)ether
Concen: 37.999 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion	Ratio	Resp	Lower	Upper
93	100	974015		
63	76.4	60.0	100.0	
95	32.3	12.2	52.2	

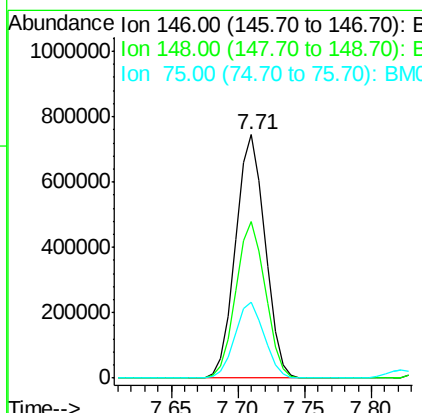
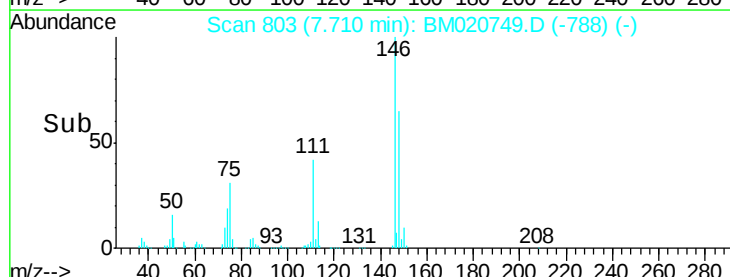
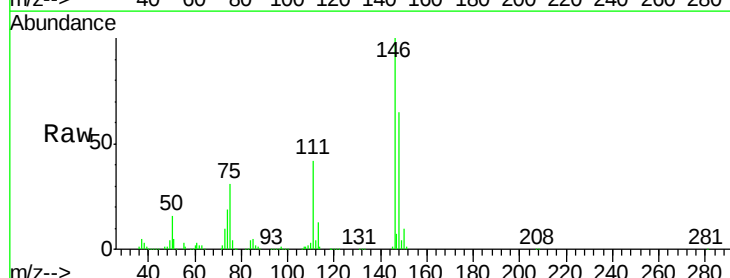
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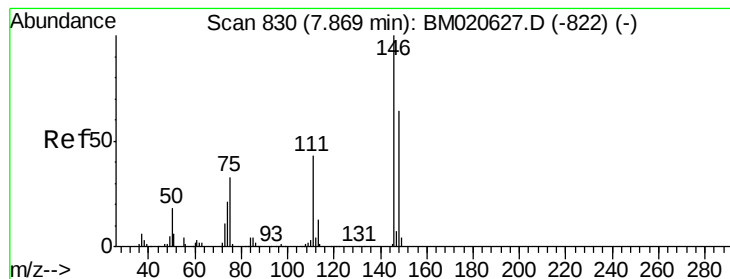
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#12
1,3-Dichlorobenzene
Concen: 39.334 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1139915		
148	64.5	52.0	78.0	
75	31.0	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 39.326 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion:146 Resp: 1158617

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

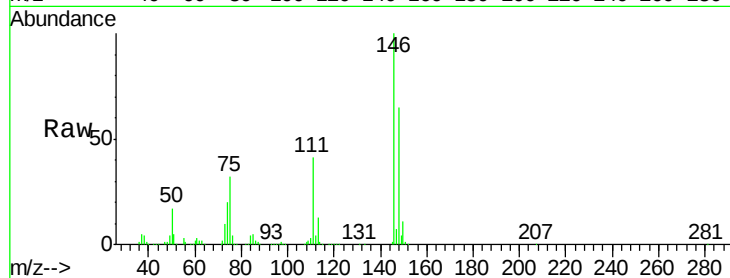
111 41.4 34.4 51.6

Manual Integrations

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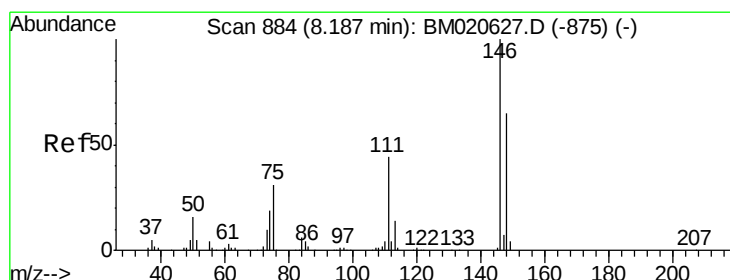
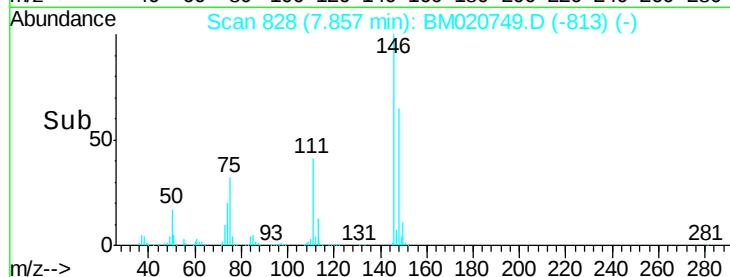
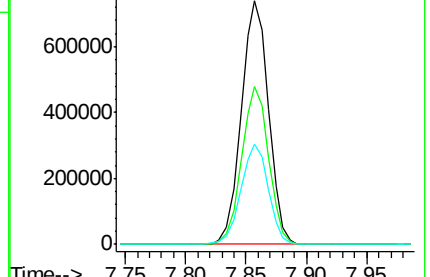
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.931 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

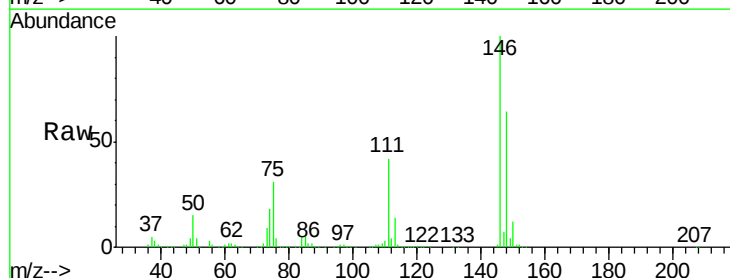
Tgt Ion:146 Resp: 1116194

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

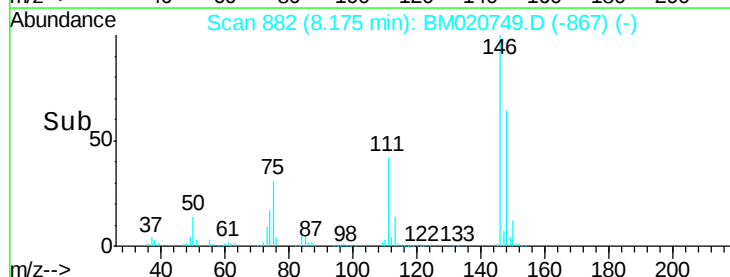
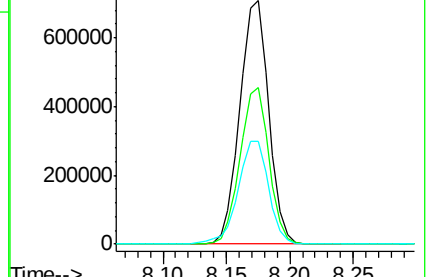
111 42.2 35.1 52.7

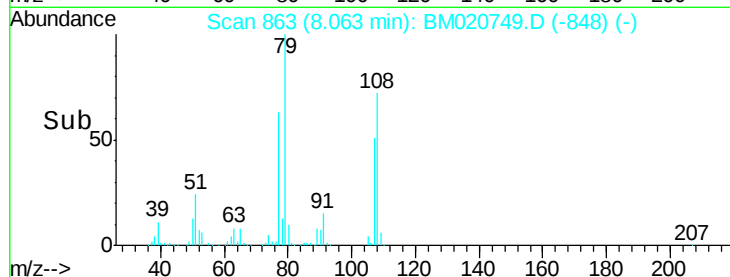
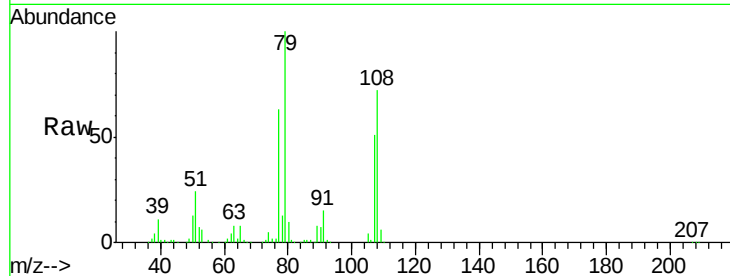
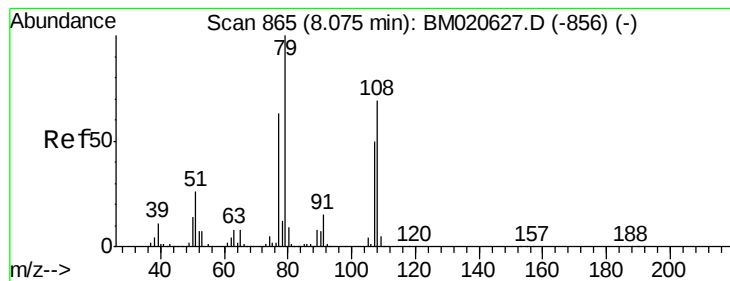


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.270 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Tot Ion:	79	Resp:	957664
Ion	Ratio	Lower	Upper
79	100		
108	71.8	54.9	82.3
77	63.0	50.2	75.4

Instrument :

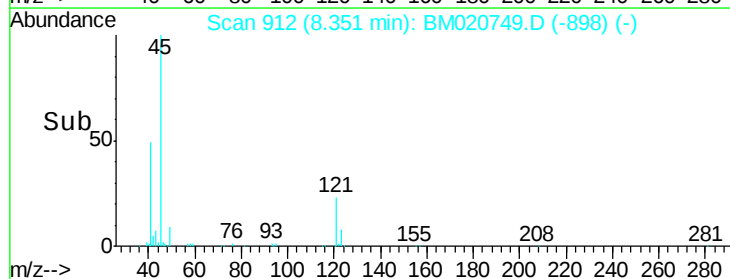
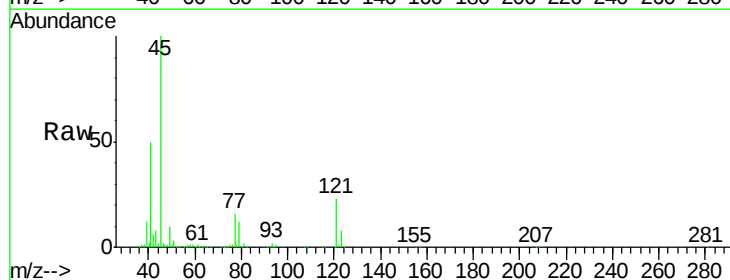
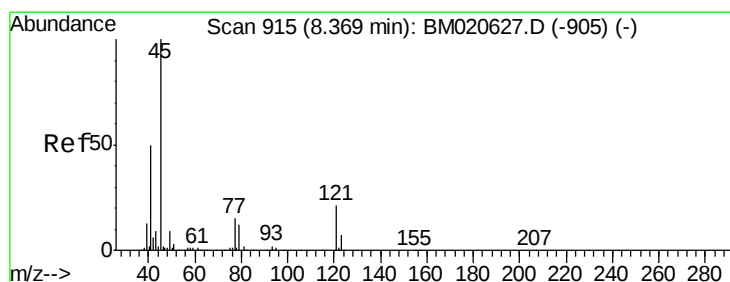
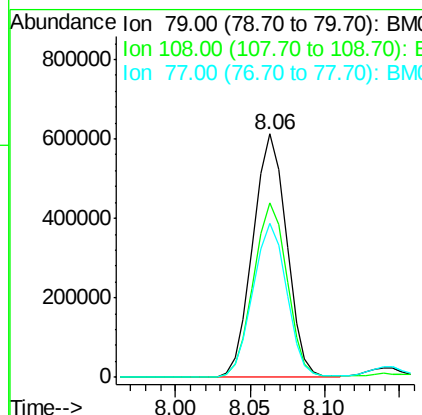
BNA_M

ClientSampleId :

IDOC-04-RC

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.864 ng

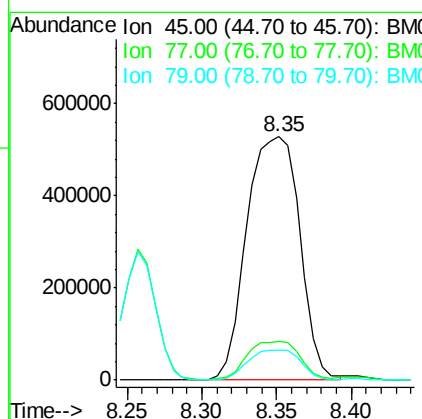
RT: 8.35 min Scan# 912

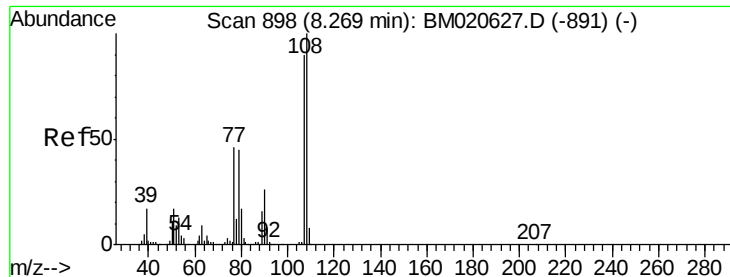
Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Tgt Ion:	45	Resp:	1300578
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	34.9
79	12.3	0.0	31.8





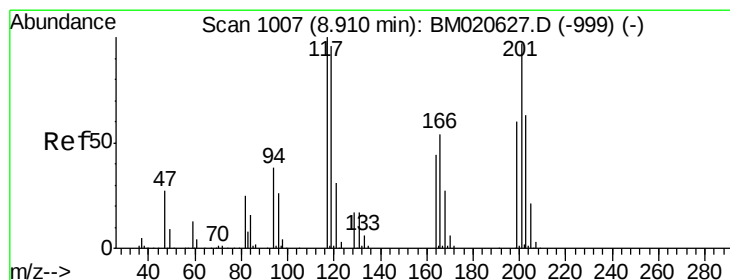
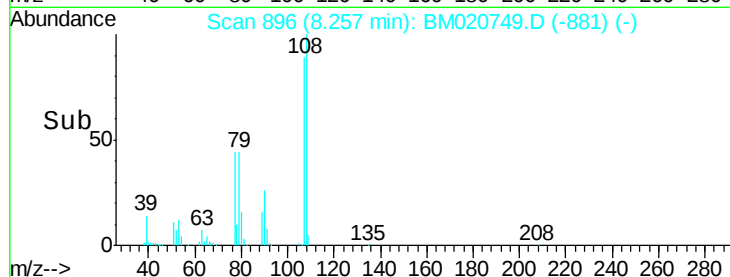
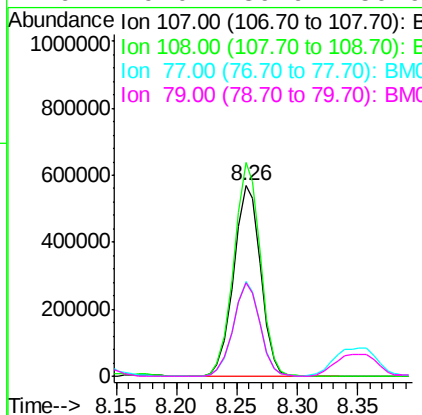
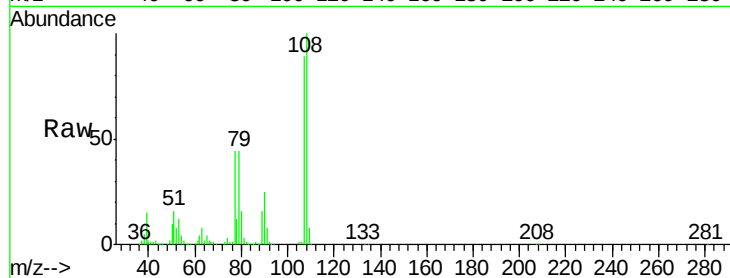
#17
2-Methylphenol
Concen: 39.202 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion:	107	Resp:	886638
Ion Ratio	Lower	Upper	
107	100		
108	112.1	88.6	133.0
77	49.8	40.6	61.0
79	49.0	39.9	59.9

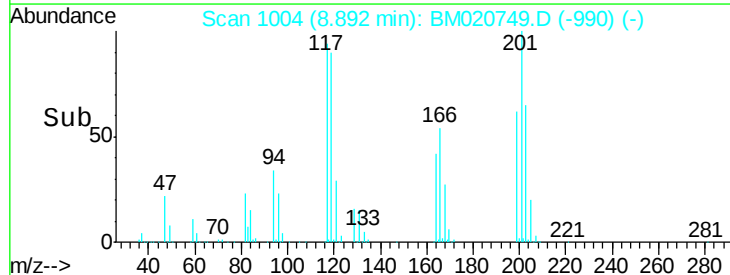
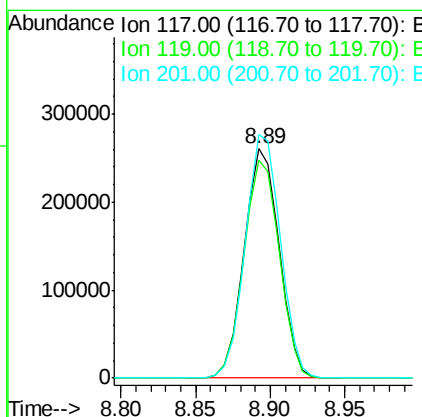
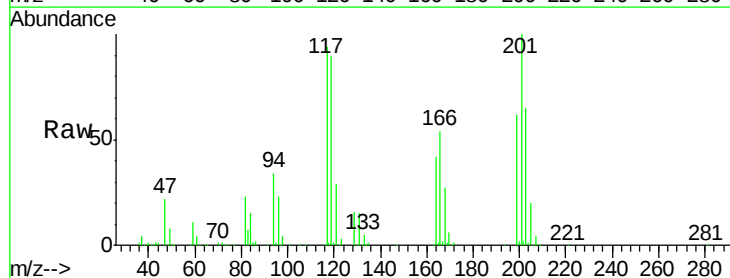
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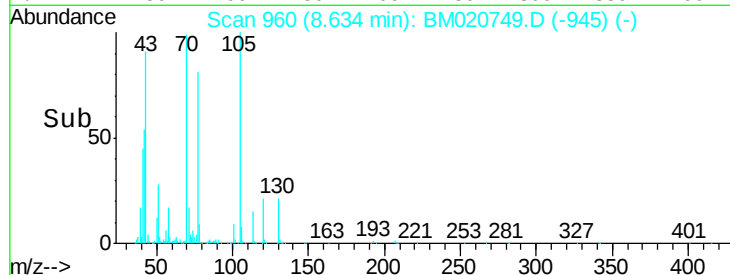
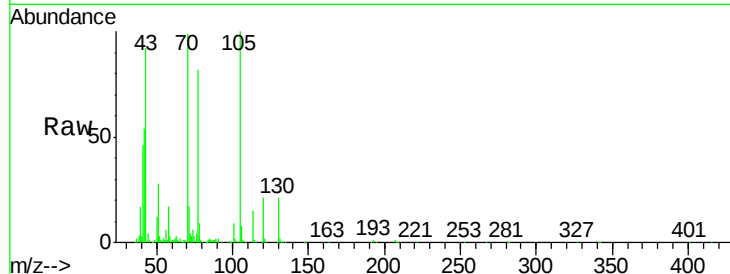
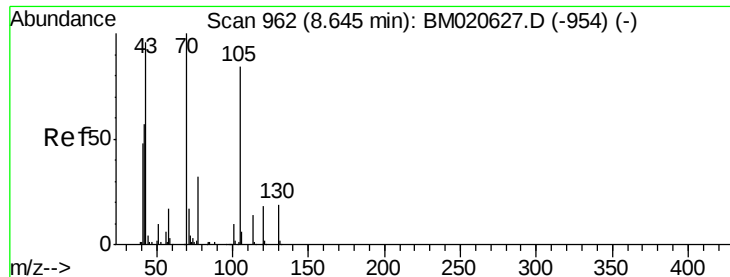
mohammad
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#18
Hexachloroethane
Concen: 37.433 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion:	117	Resp:	422242
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.7	115.1
201	106.2	77.9	116.9





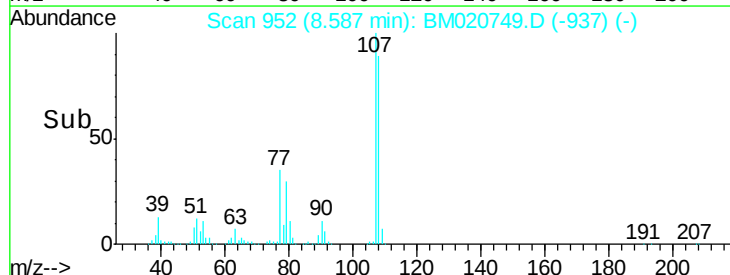
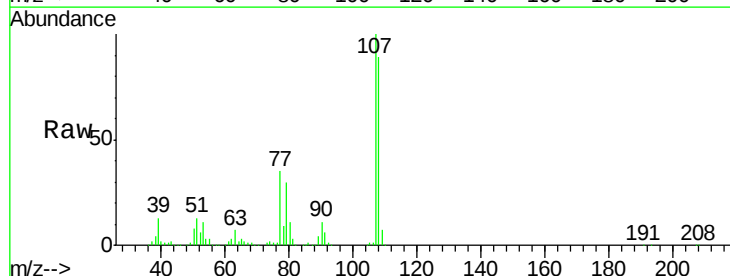
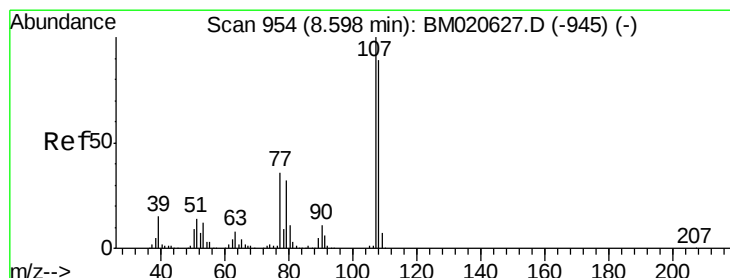
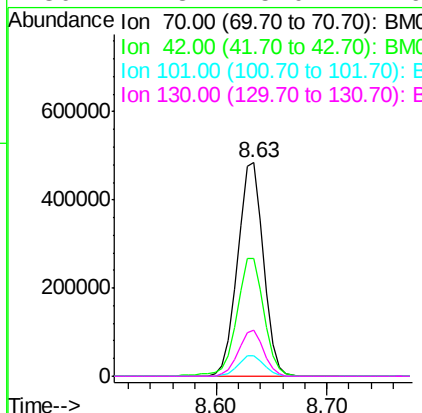
#19
n-Nitroso-di-n-propylamine
Concen: 33.301 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.9	46.8	70.2	
101	9.4	7.8	11.6	
130	21.3	15.0	22.6	

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

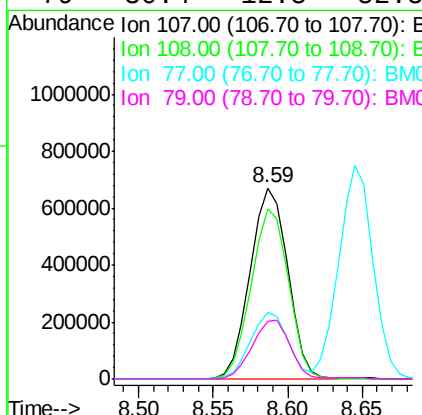
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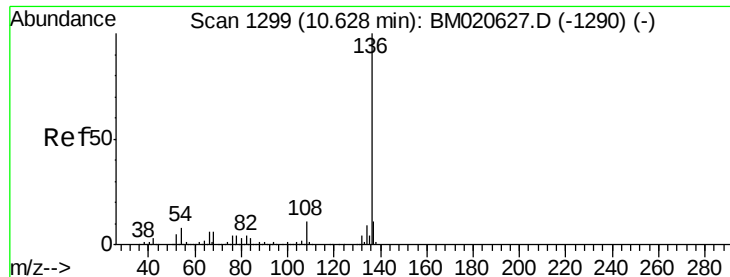
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#20
3+4-Methylphenols
Concen: 38.009 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	69.2	109.2	
77	34.8	16.2	56.2	
79	30.4	12.5	52.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion:136 Resp: 1380697

Ion Ratio Lower Upper

136 100

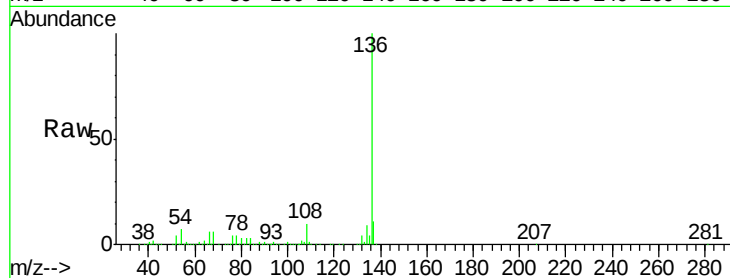
137 10.8 8.8 13.2

54 7.3 6.6 10.0

68 5.6 5.1 7.7

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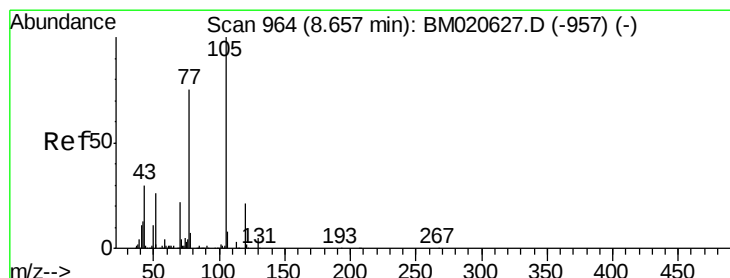
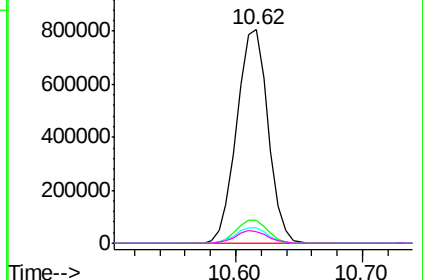
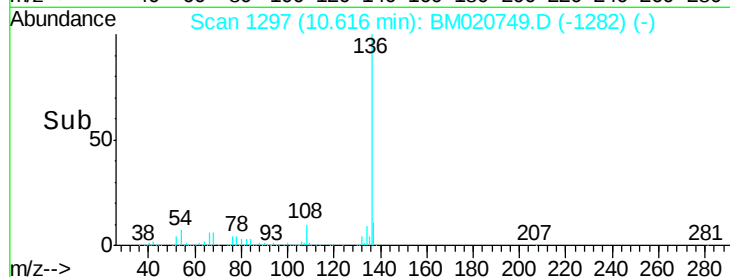


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.864 ng

RT: 8.65 min Scan# 962

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Tgt Ion:105 Resp: 1503439

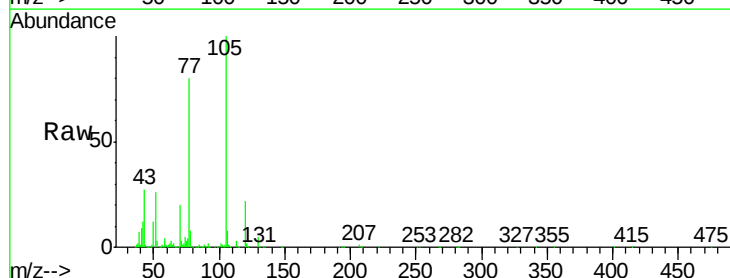
Ion Ratio Lower Upper

105 100

71 3.3 3.2 4.8

51 26.4 22.8 34.2

120 22.0 17.0 25.4

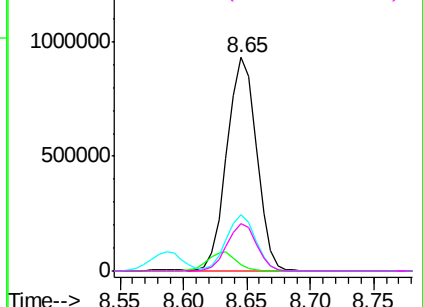
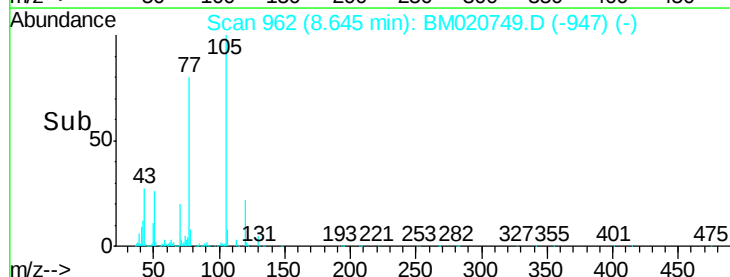


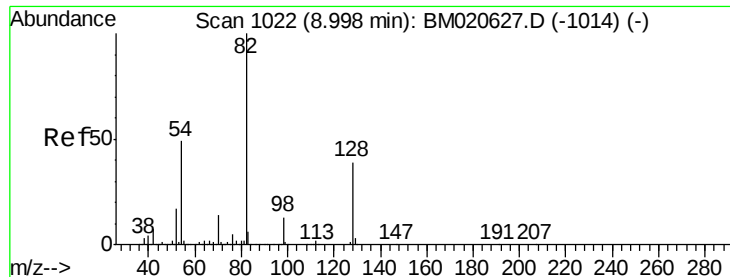
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





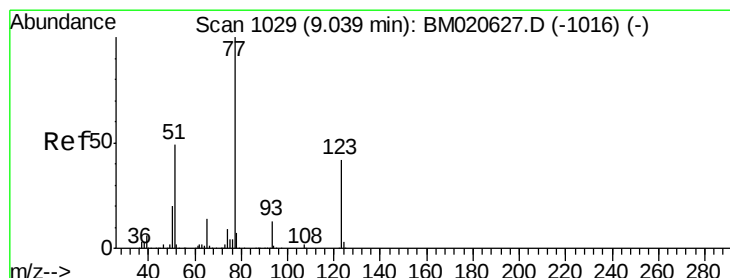
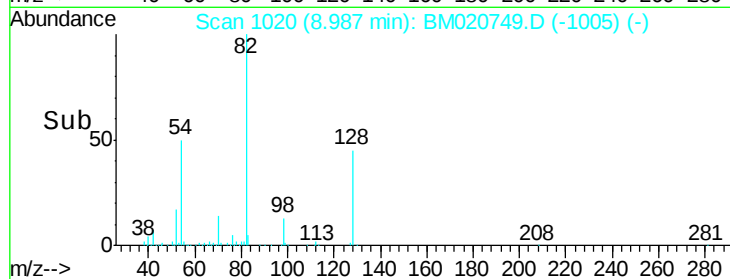
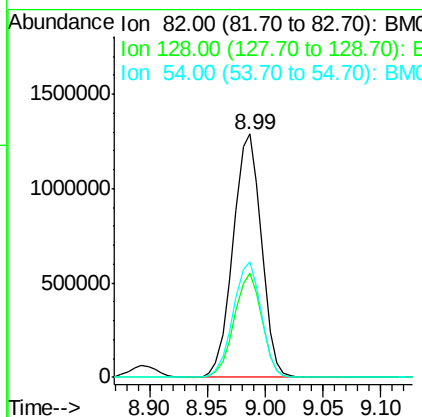
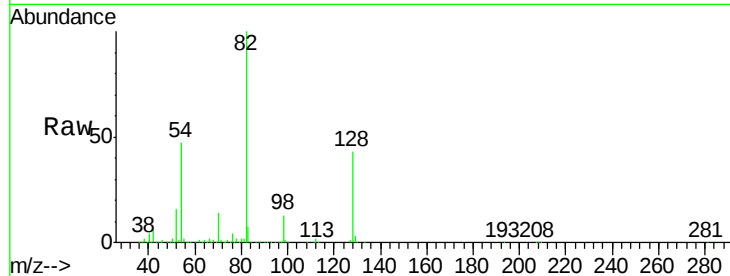
#23
Nitrobenzene-d5
Concen: 82.104 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.5	47.3
54	47.4	39.4	59.0

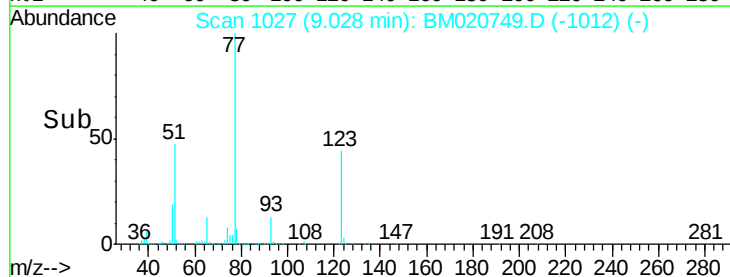
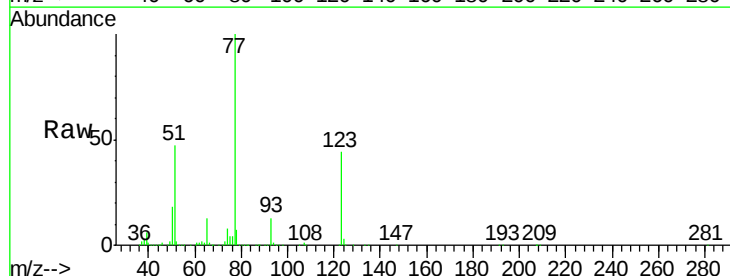
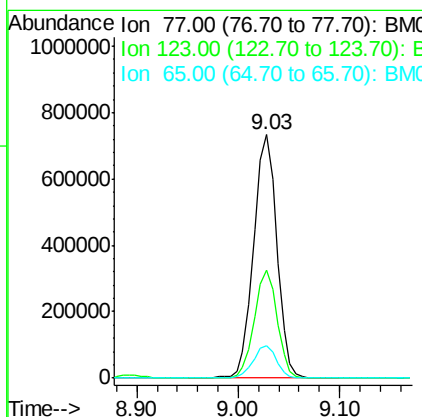
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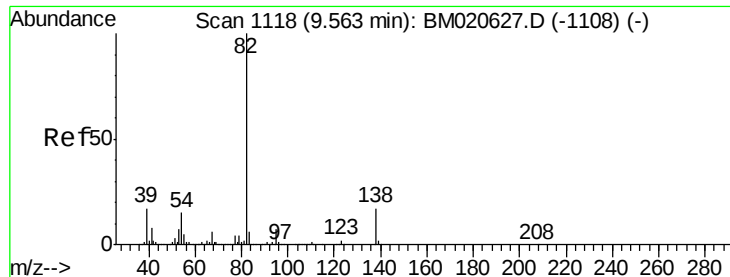
mohammad
6/6/2019 11:22:09 AM



#24
Nitrobenzene
Concen: 43.141 ng
RT: 9.03 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	33.7	50.5
65	13.2	11.0	16.6





#25

Isophorone

Concen: 39.159 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion: 82 Resp: 2075775

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

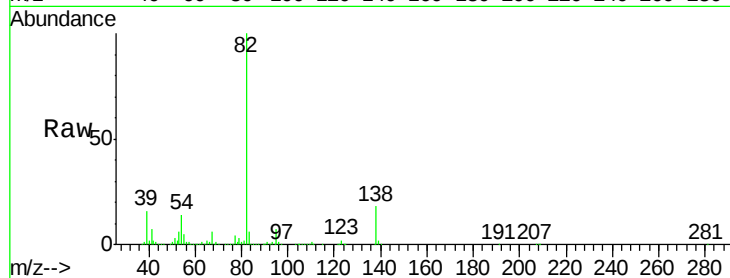
138 17.5 13.8 20.8

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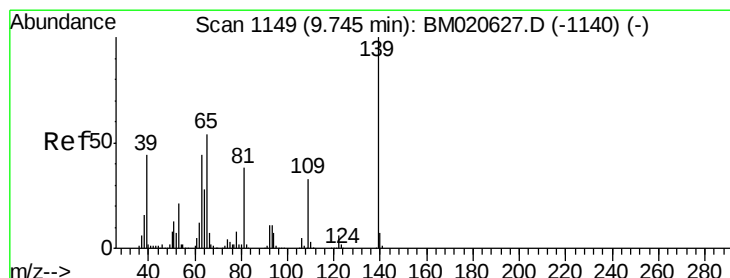
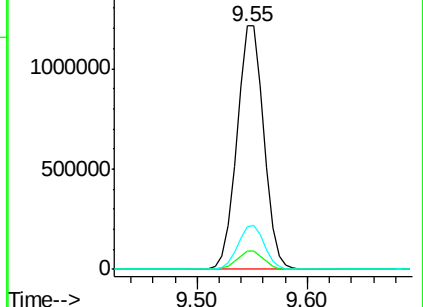
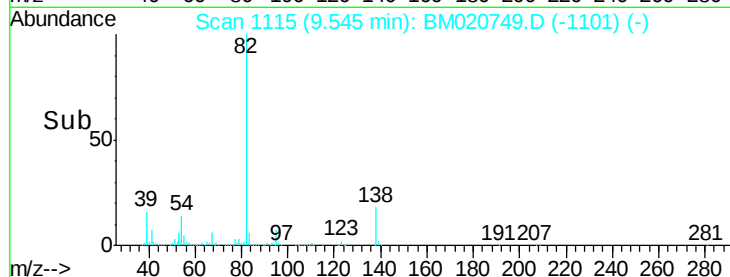
6/6/2019 11:22:09 AM



Abundance Ion 82.00 (81.70 to 82.70): BM020749.D (-1115) (-)

Ion 95.00 (94.70 to 95.70): BM020749.D (-1115) (-)

Ion 138.00 (137.70 to 138.70): BM020749.D (-1115) (-)



#26

2-Nitrophenol

Concen: 51.911 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

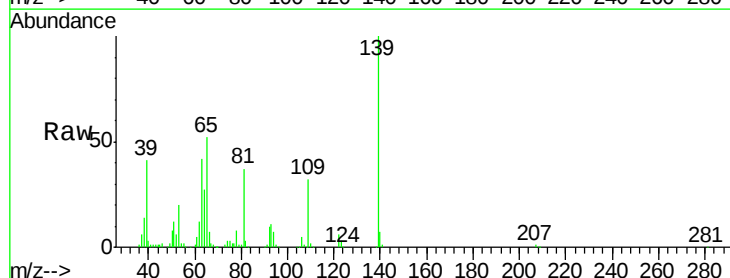
Tgt Ion: 139 Resp: 526318

Ion Ratio Lower Upper

139 100

109 32.2 26.1 39.1

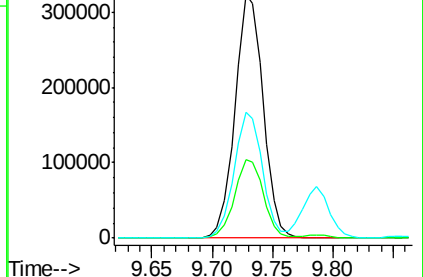
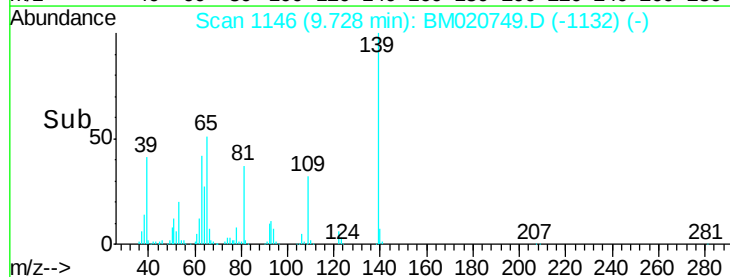
65 51.6 43.4 65.0

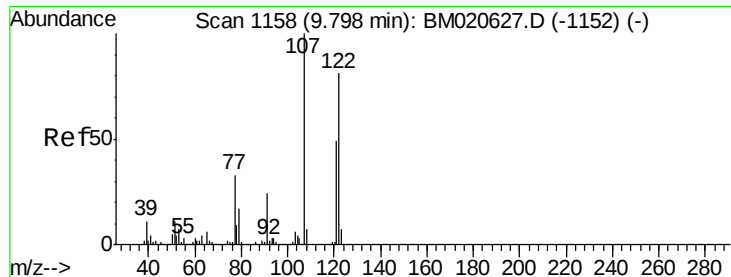


Abundance Ion 139.00 (138.70 to 139.70): BM020749.D (-1146) (-)

Ion 109.00 (108.70 to 109.70): BM020749.D (-1146) (-)

Ion 65.00 (64.70 to 65.70): BM020749.D (-1146) (-)





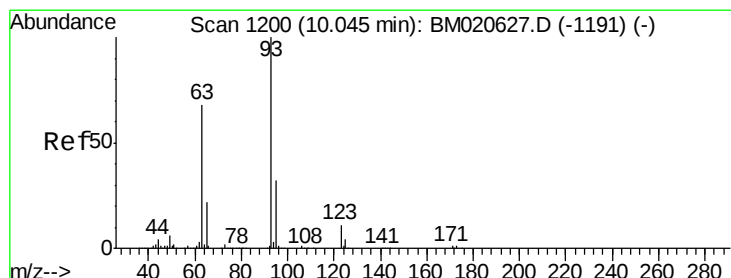
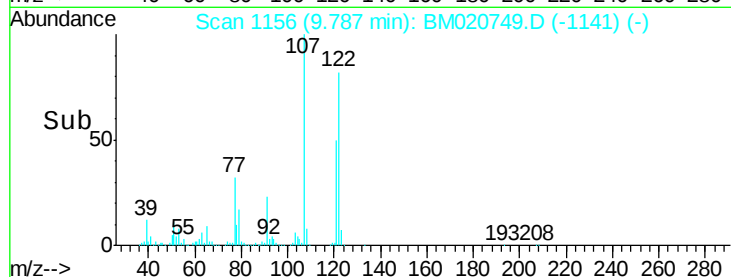
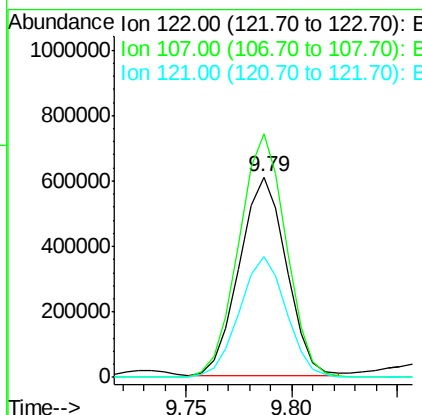
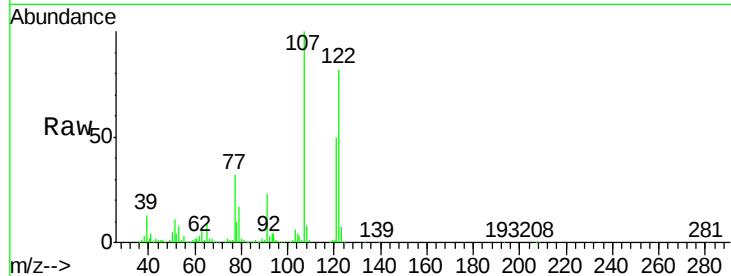
#27
2,4-Dimethylphenol
Concen: 49.336 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	98.0	147.0
121	60.3	48.2	72.4

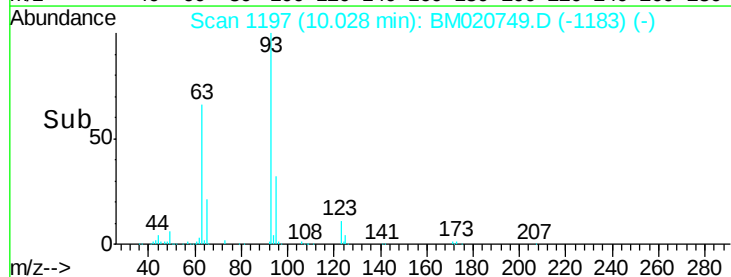
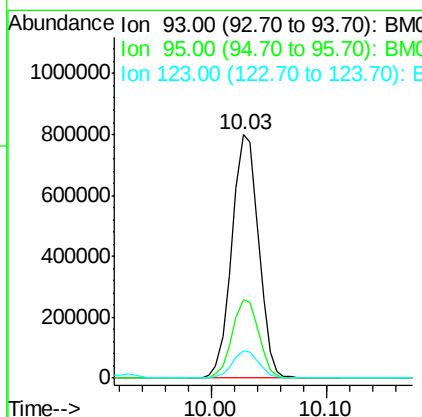
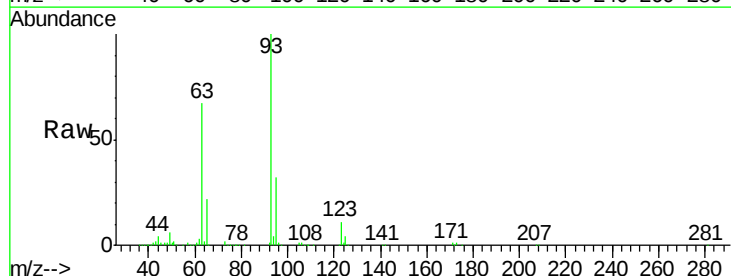
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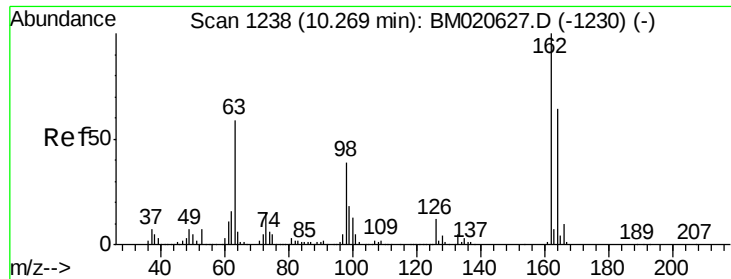
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#28
bis(2-Chloroethoxy)methane
Concen: 40.191 ng
RT: 10.03 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	11.0	9.0	13.6





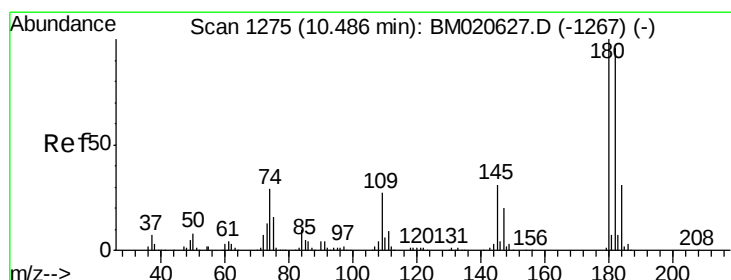
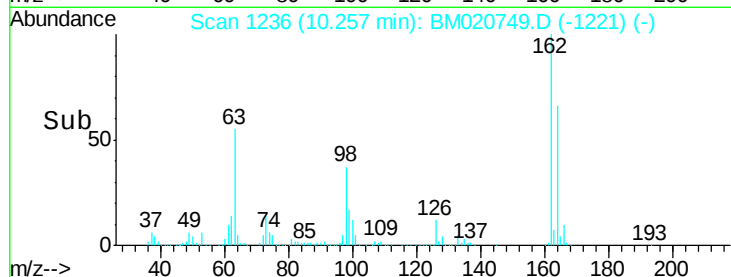
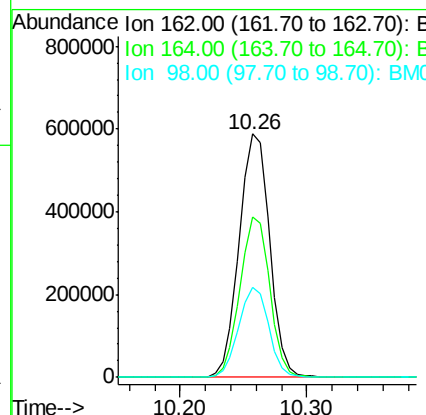
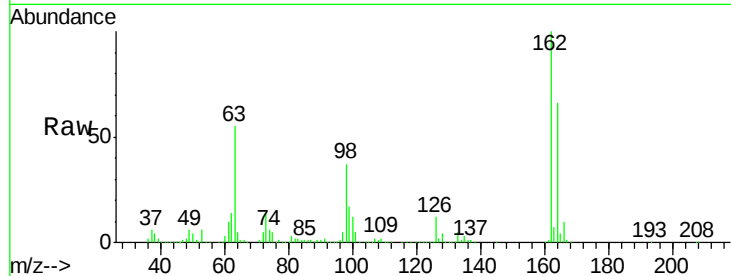
#29
 2,4-Dichlorophenol
 Concen: 46.725 ng
 RT: 10.26 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-04-RC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	982159		
164	65.7	43.8	83.8	
98	37.0	19.1	59.1	

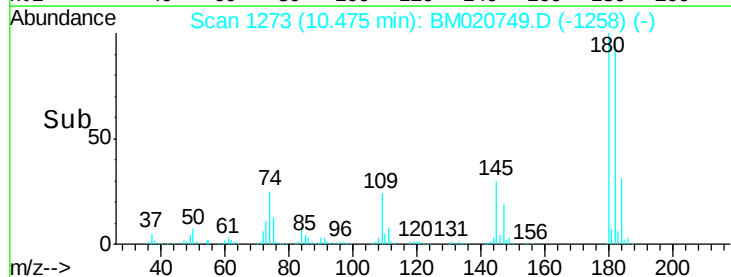
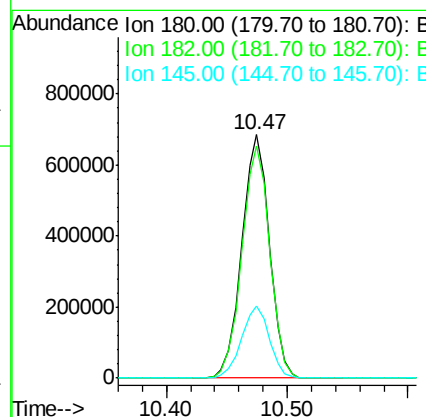
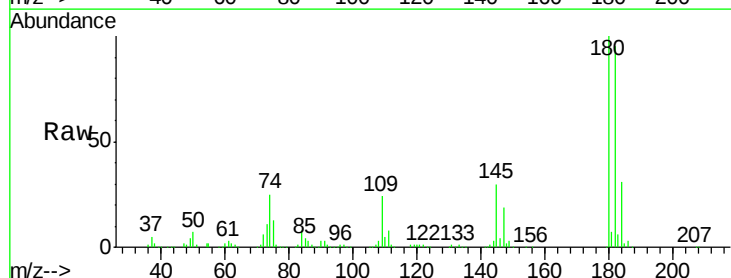
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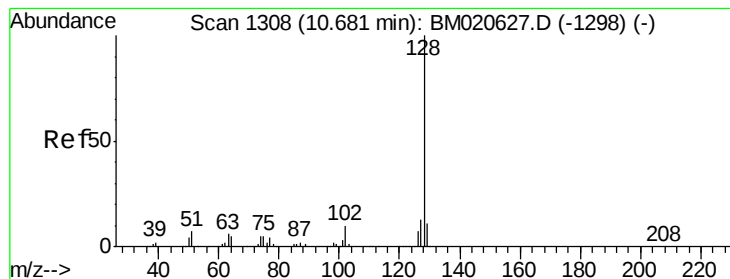
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.101 ng
 RT: 10.47 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1090068		
182	95.3	77.0	115.6	
145	29.8	25.0	37.4	





#31

Naphthalene

Concen: 43.636 ng

RT: 10.66 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion:128 Resp: 3098177

Ion Ratio Lower Upper

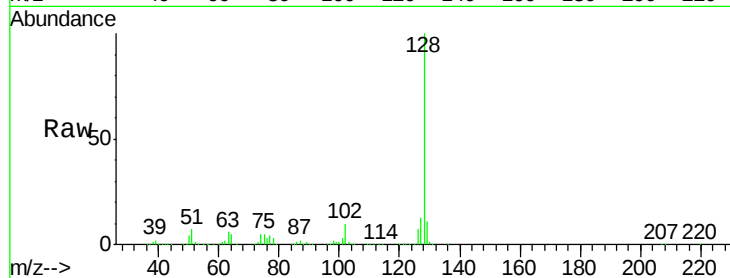
128 100

129 11.1 8.7 13.1

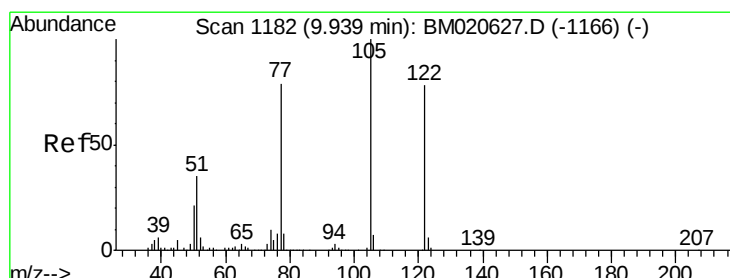
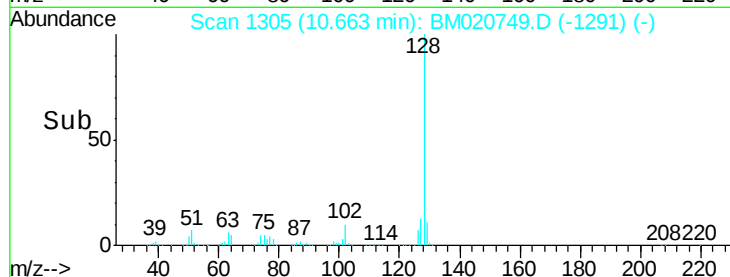
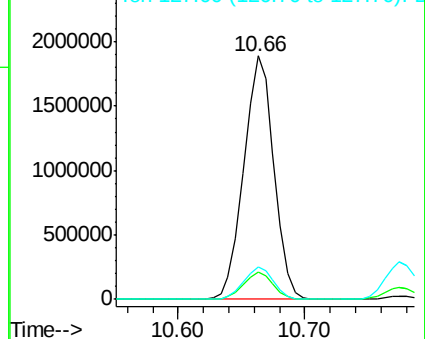
127 13.2 10.3 15.5

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.012 ng m

RT: 9.93 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

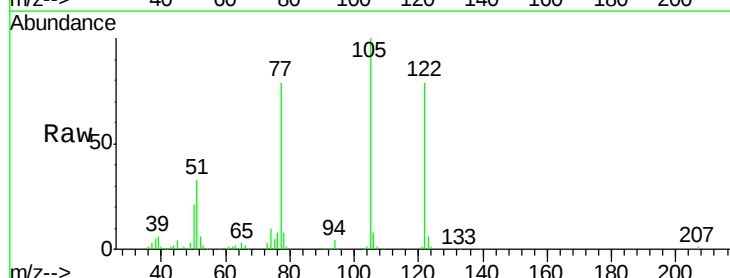
Tgt Ion:122 Resp: 533985

Ion Ratio Lower Upper

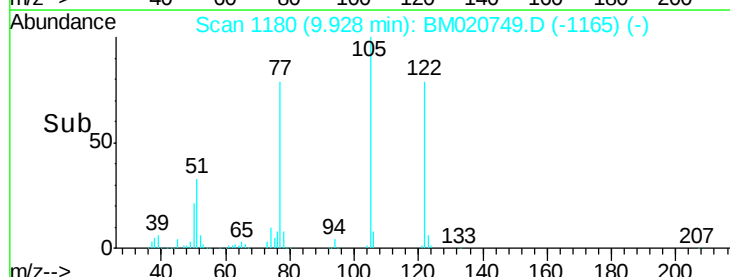
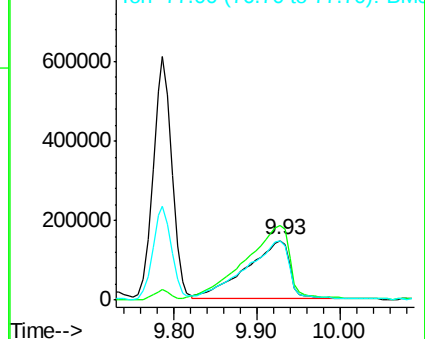
122 100

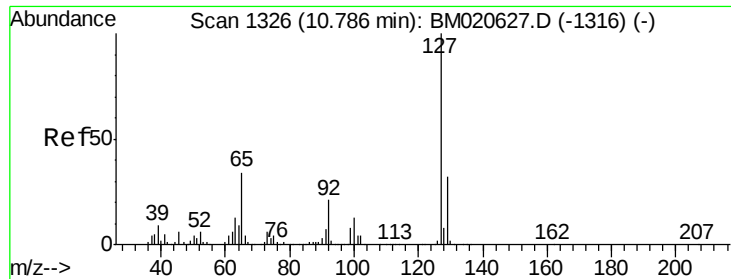
105 126.2 107.0 147.0

77 99.7 80.9 120.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





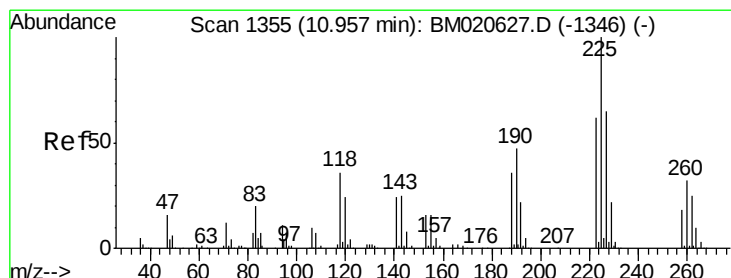
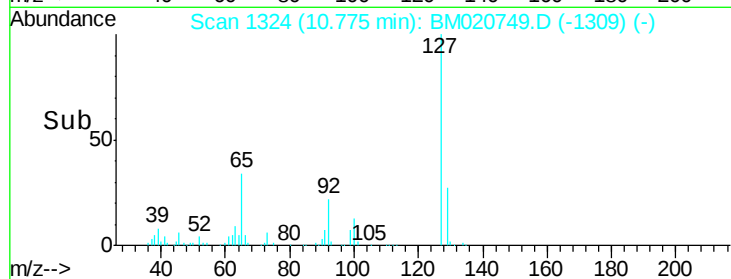
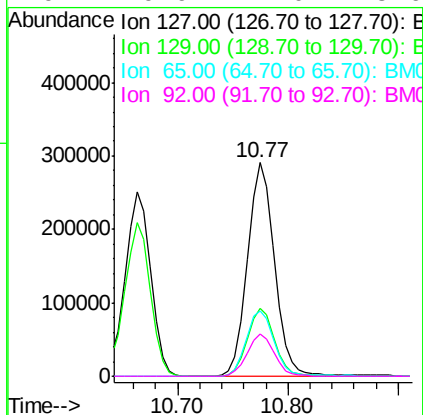
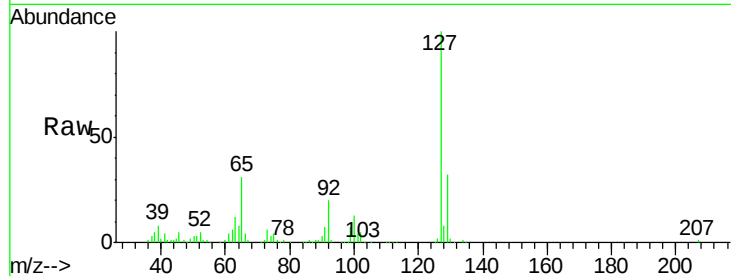
#33
4-Chloroaniline
Concen: 15.180 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	30.8	27.4	41.0
92	19.9	17.0	25.6

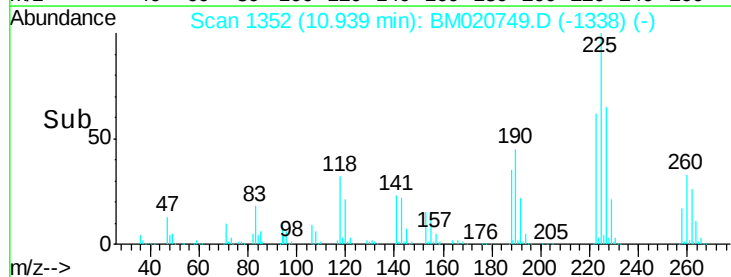
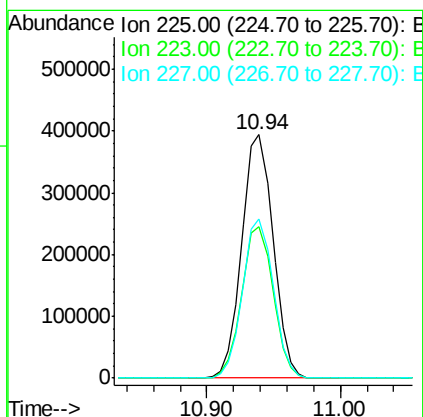
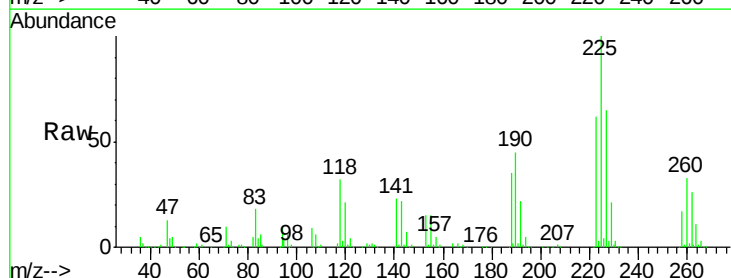
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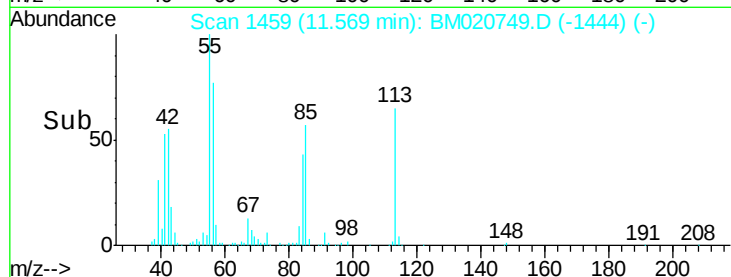
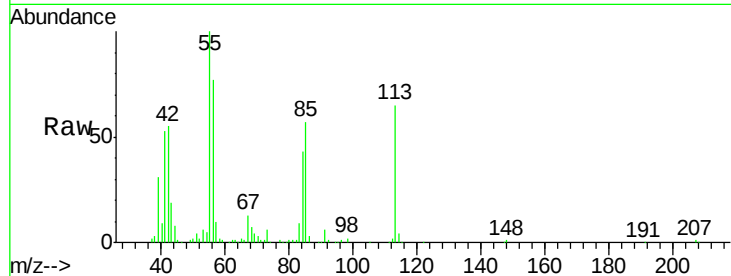
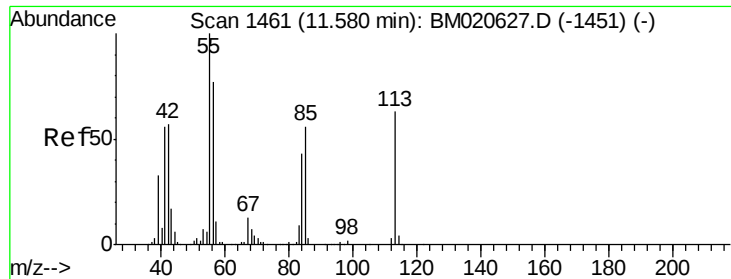
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#34
Hexachlorobutadiene
Concen: 44.093 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	65.3	51.8	77.8





#35

Caprolactam

Concen: 36.113 ng/mL

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion:113 Resp: 263711

Ion Ratio Lower Upper

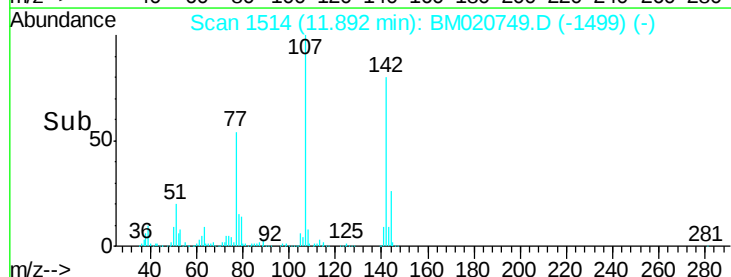
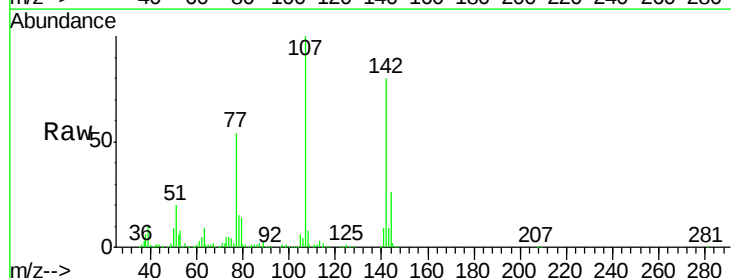
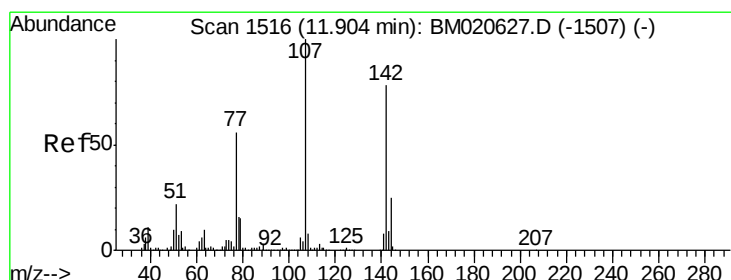
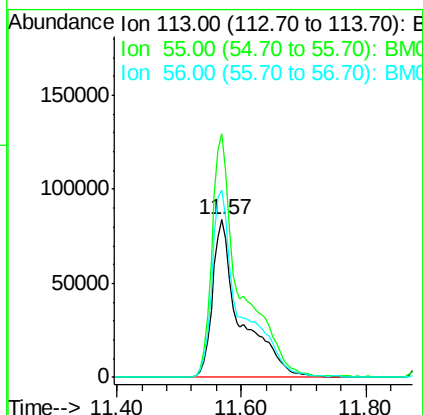
113 100

55 154.5 138.6 178.6

56 118.6 102.3 142.3

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#36

4-Chloro-3-methylphenol

Concen: 39.709 ng/mL

RT: 11.89 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

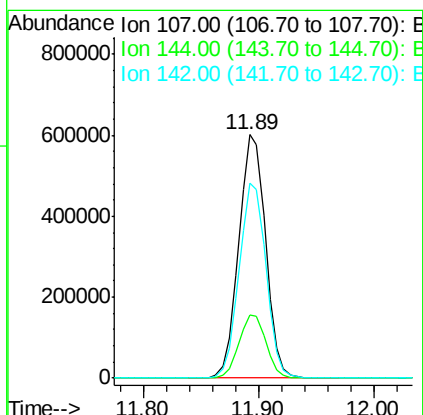
Tgt Ion:107 Resp: 970434

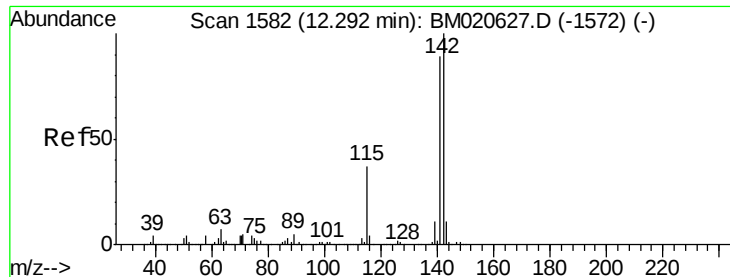
Ion Ratio Lower Upper

107 100

144 25.7 20.3 30.5

142 79.9 62.6 93.8





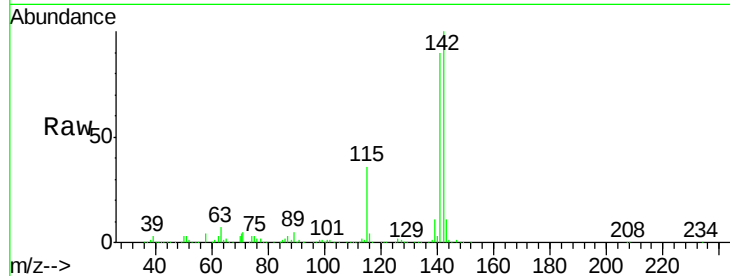
#37
2-Methylnaphthalene
Concen: 42.642 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.6	107.4
115	35.9	29.6	44.4

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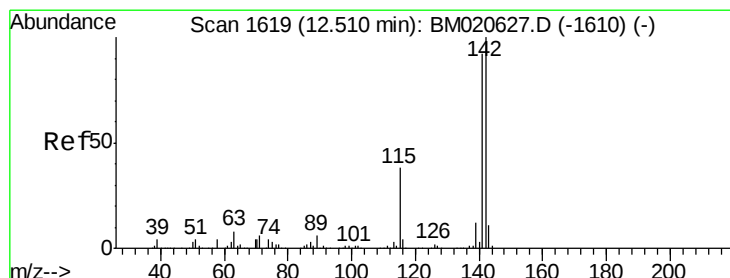
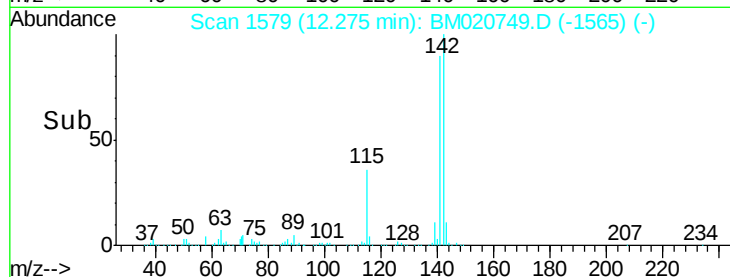
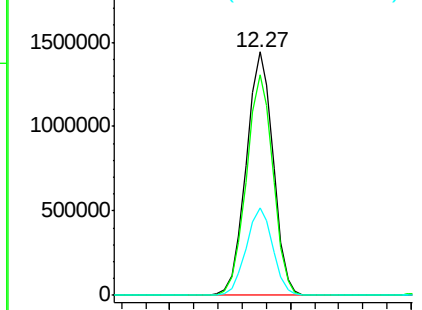


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.213 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

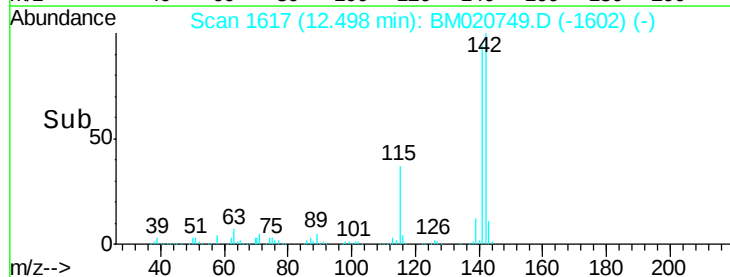
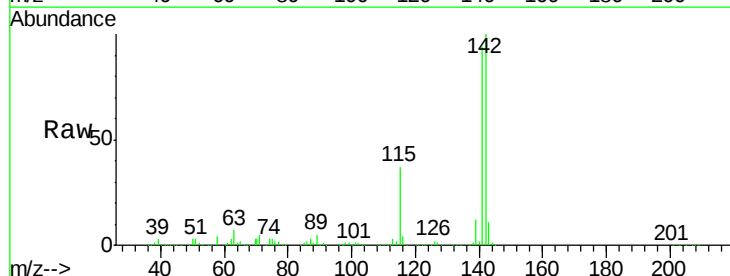
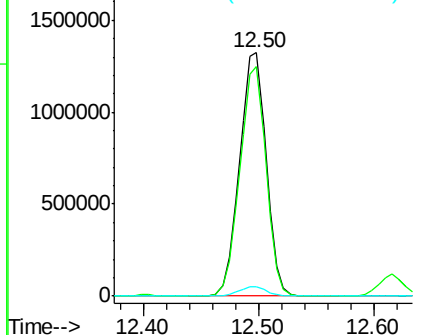
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.9	110.9
116	3.8	3.2	4.8

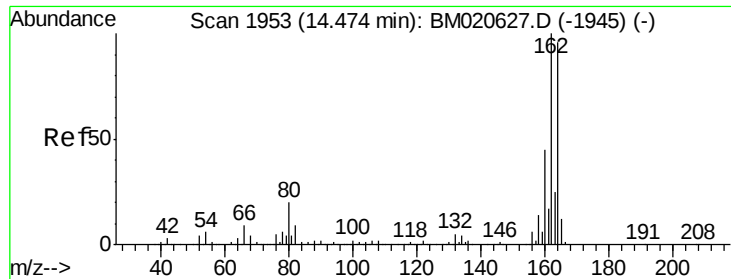
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

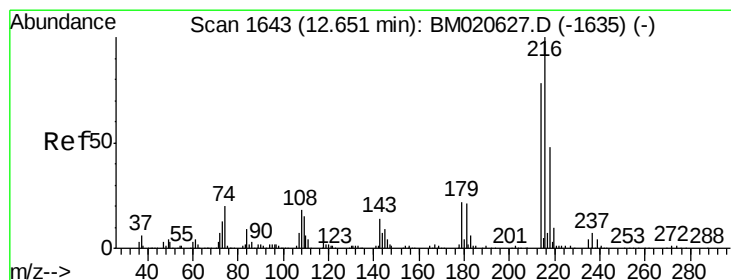
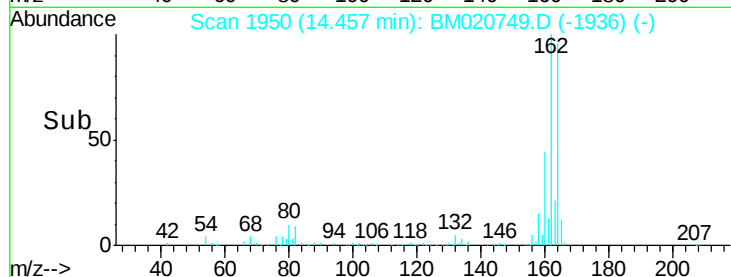
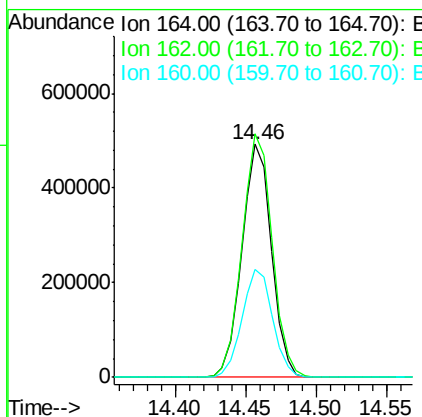
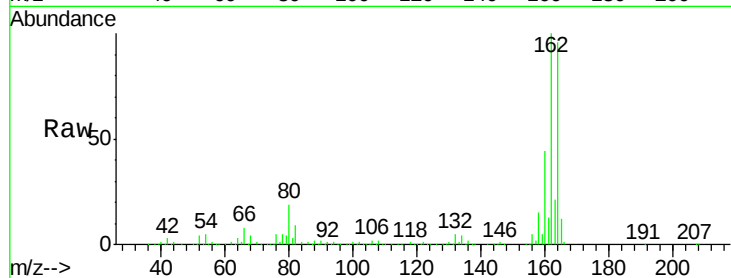
ClientSampleId :

IDOC-04-RC

Tot Ion:	164	Resp:	721969
Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.2	124.8
160	46.2	37.5	56.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.574 ng

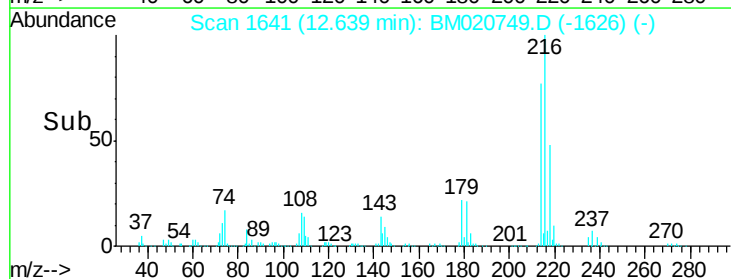
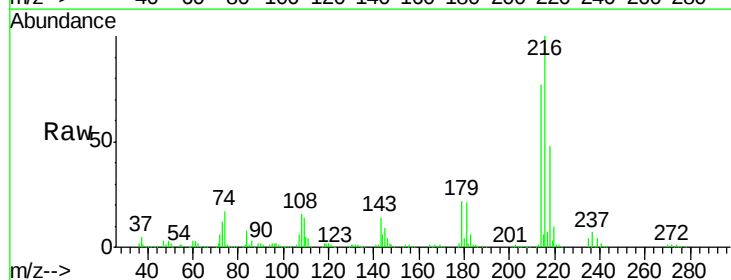
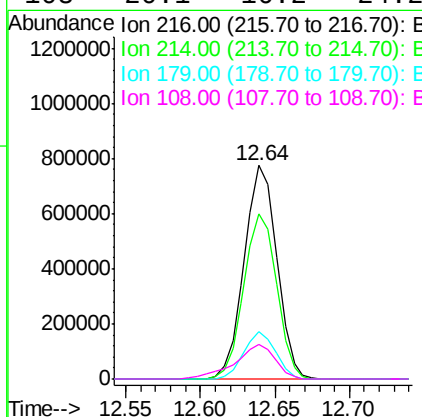
RT: 12.64 min Scan# 1641

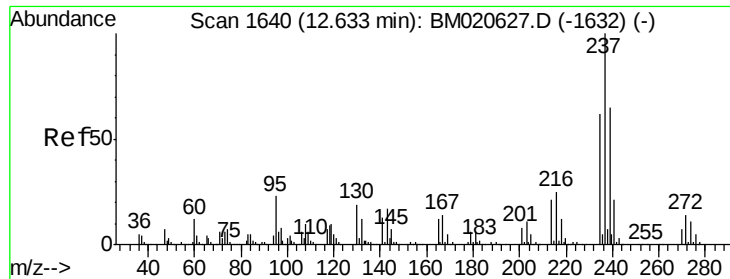
Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Tgt Ion:	216	Resp:	1172891
Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	21.4	17.9	26.9
108	20.1	16.2	24.2





#41

Hexachlorocyclopentadiene

Concen: 102.897 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion:237 Resp: 1456004

Ion Ratio Lower Upper

237 100

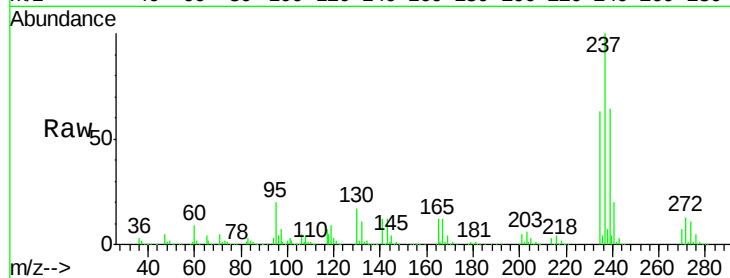
235 63.0 42.1 82.1

272 13.4 0.0 33.5

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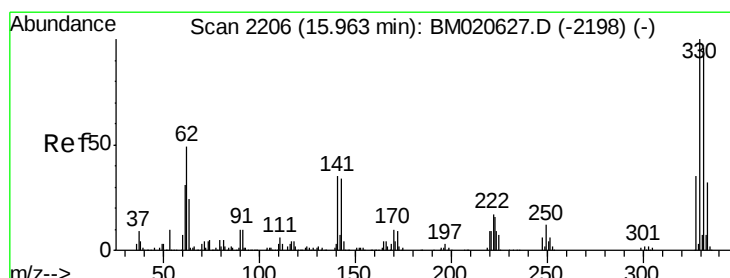
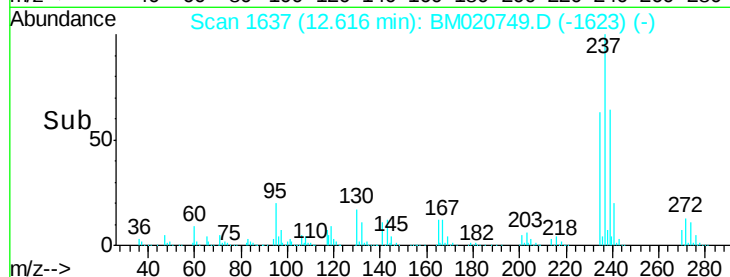
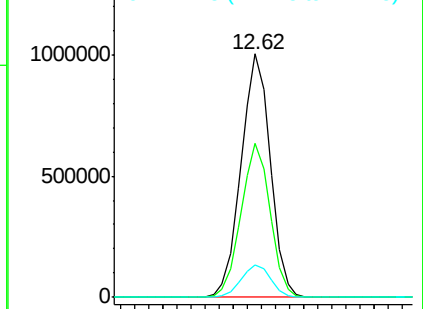
6/6/2019 11:22:09 AM



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.784 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

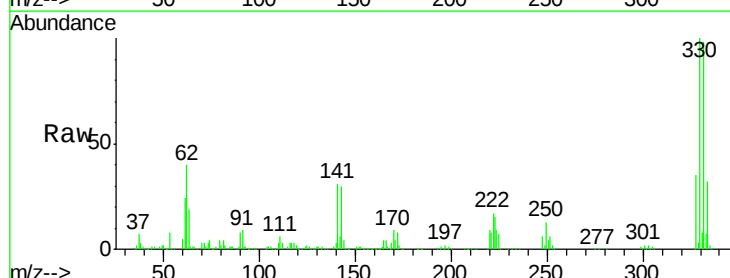
Tgt Ion:330 Resp: 1214605

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

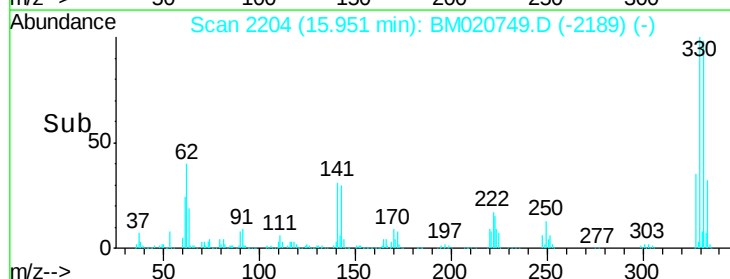
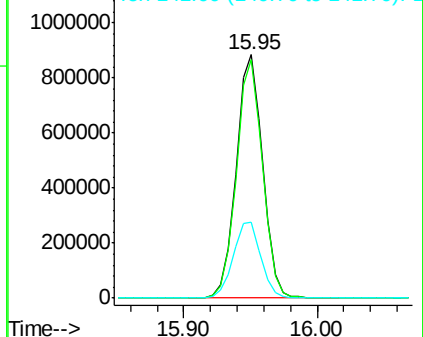
141 32.9 30.4 45.6

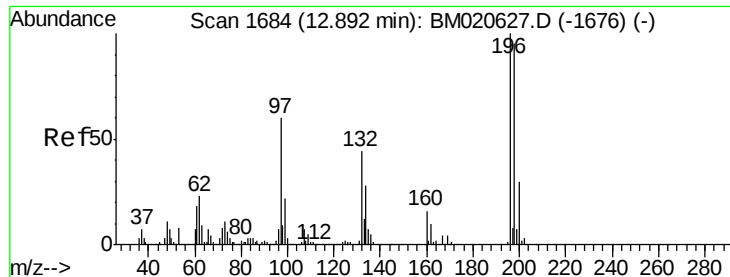


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





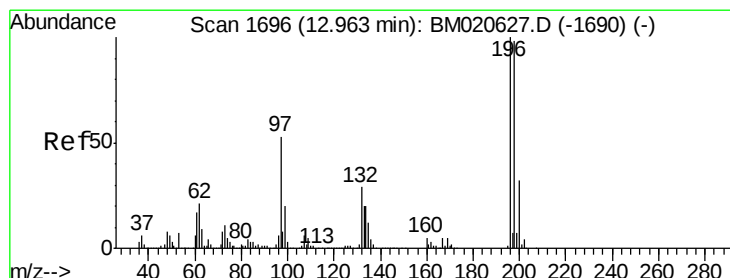
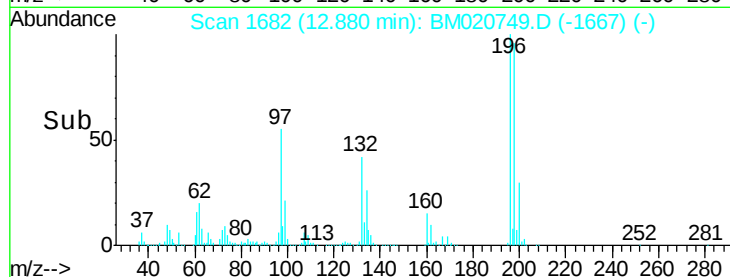
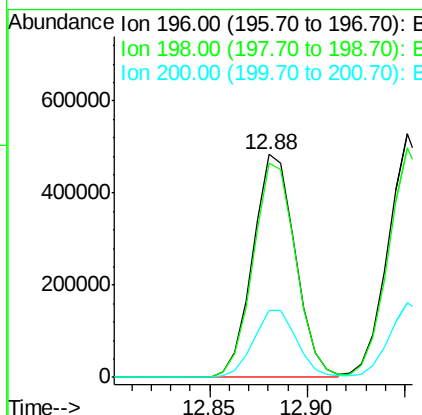
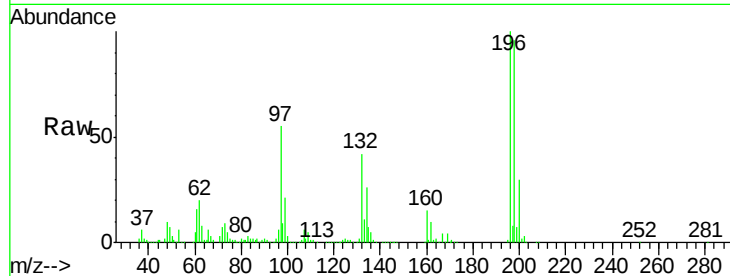
#43
2,4,6-Trichlorophenol
Concen: 47.945 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	730172		
198	96.1	75.7	113.5	
200	30.0	23.9	35.9	

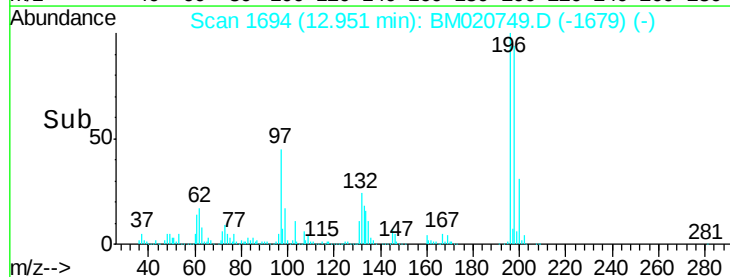
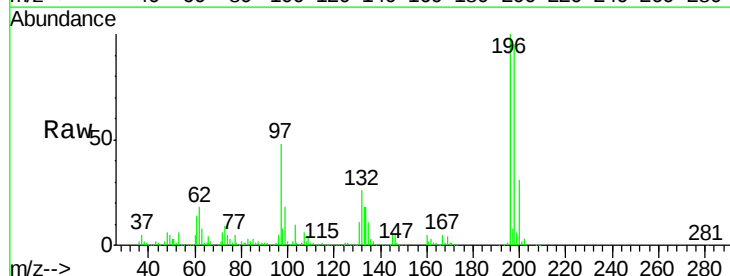
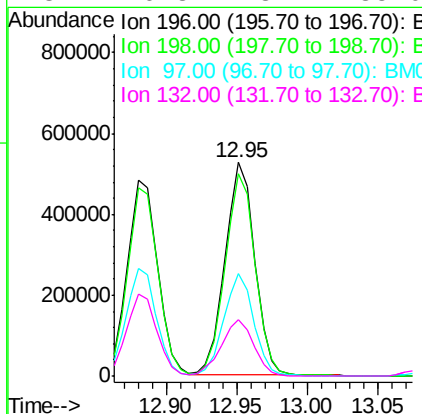
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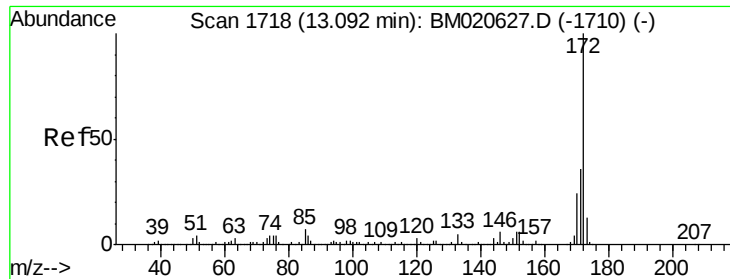
mohammad
6/6/2019 11:22:09 AM



#44
2,4,5-Trichlorophenol
Concen: 49.347 ng
RT: 12.95 min Scan# 1694
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	775867		
198	94.5	78.6	117.8	
97	47.7	42.7	64.1	
132	26.3	23.4	35.0	





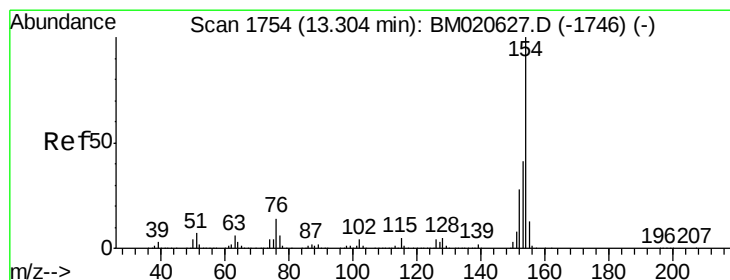
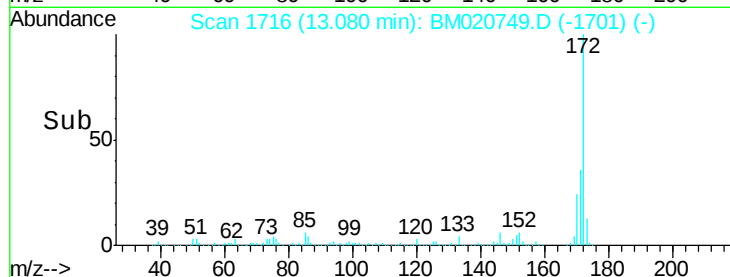
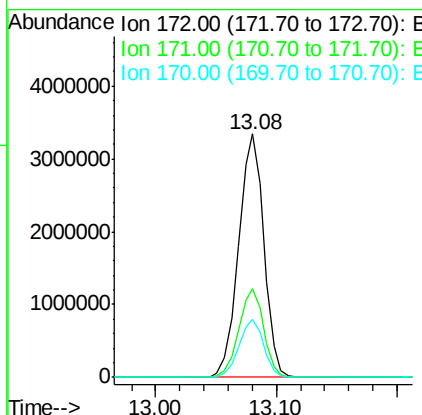
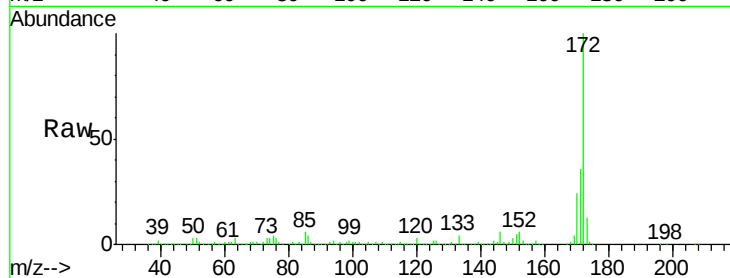
#45
2-Fluorobiphenyl
Concen: 89.257 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.7	18.9	28.3

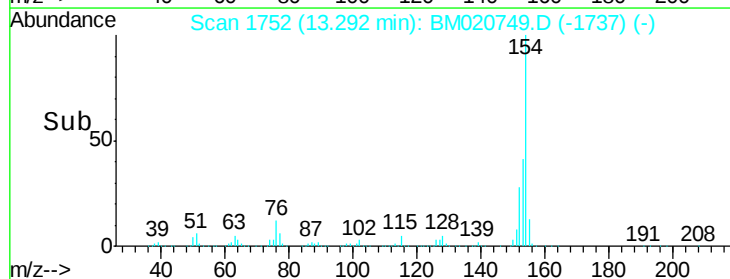
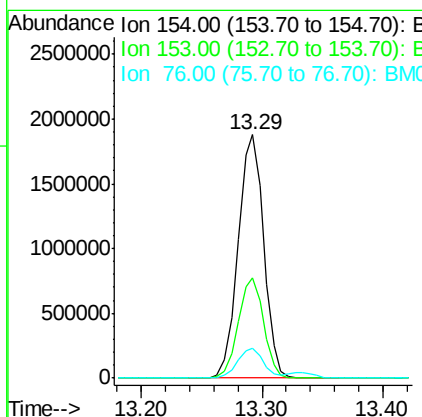
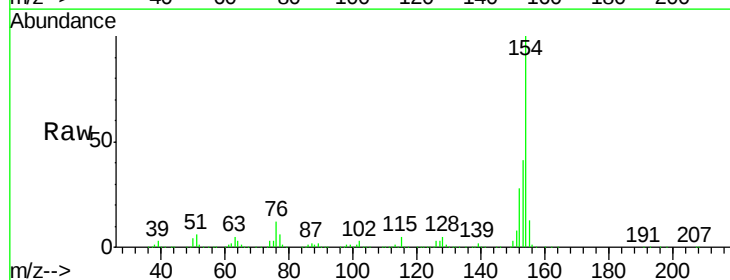
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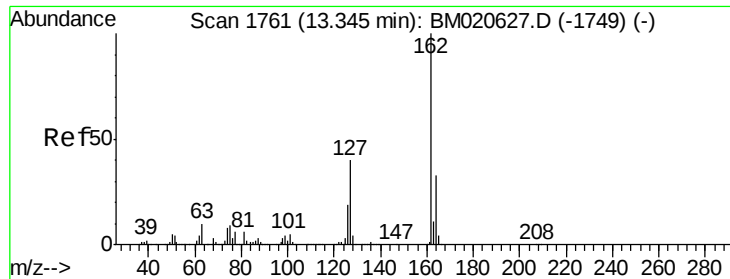
mohammad
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#46
1,1'-Biphenyl
Concen: 45.873 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.7	60.7
76	12.5	0.0	34.0





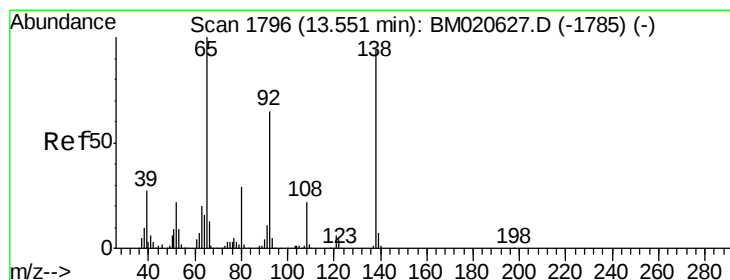
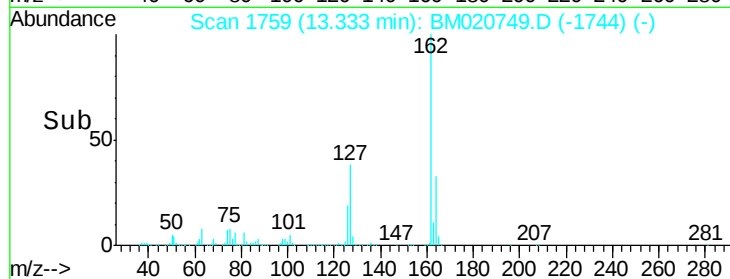
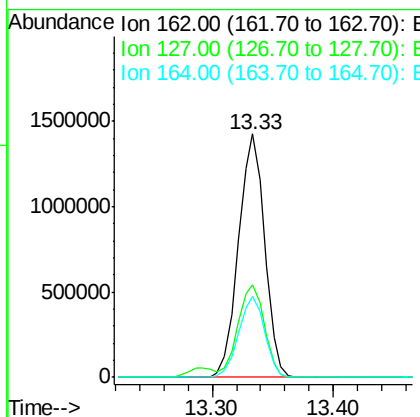
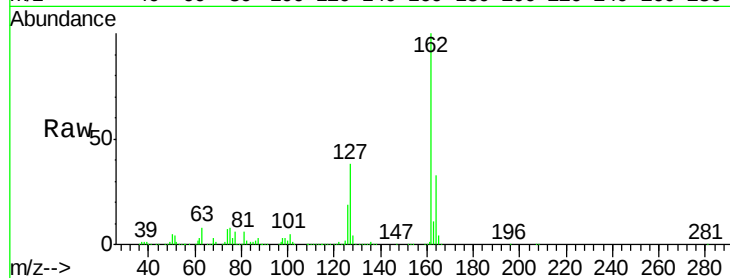
#47
2-Chloronaphthalene
Concen: 44.263 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	32.1	48.1
164	33.0	26.6	39.8

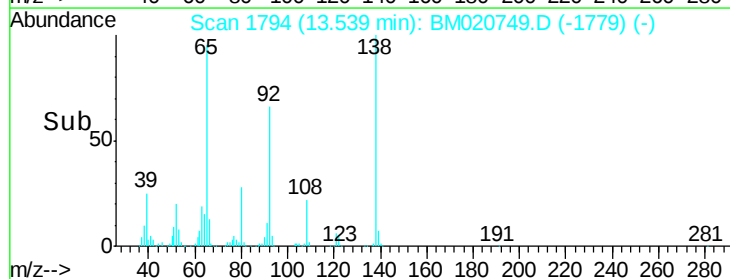
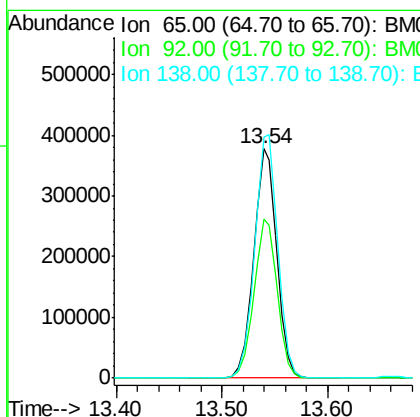
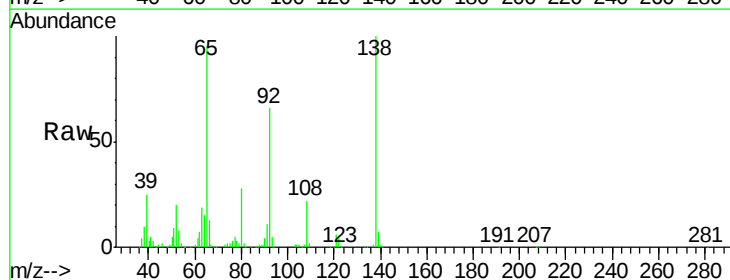
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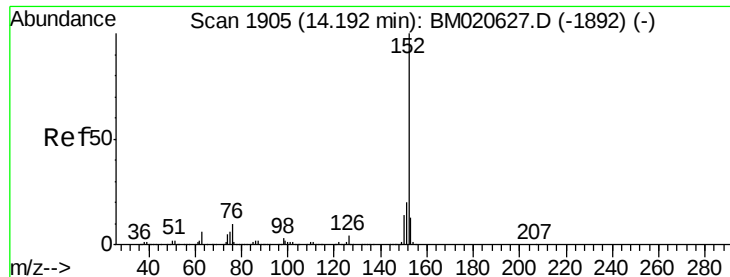
mohammad
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#48
2-Nitroaniline
Concen: 37.807 ng
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	52.2	78.4
138	105.5	75.4	113.0





#49

Acenaphthylene

Concen: 43.532 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion:152 Resp: 3305497

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

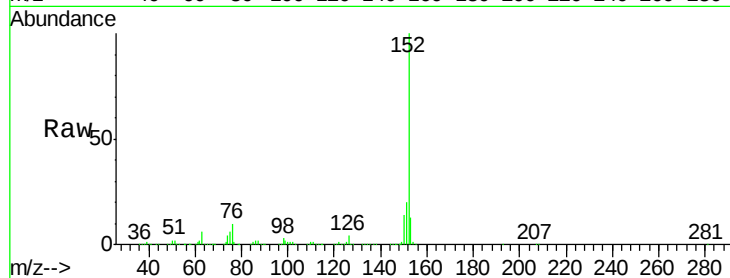
153 13.1 10.6 15.8

Manual Integrations

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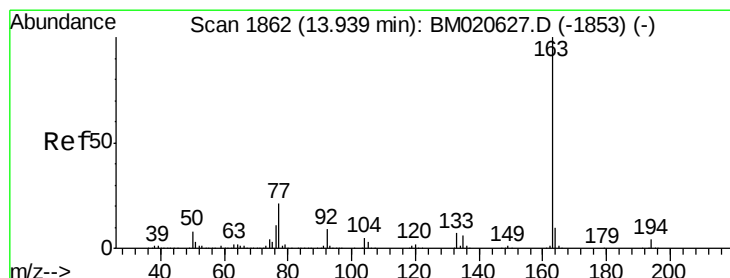
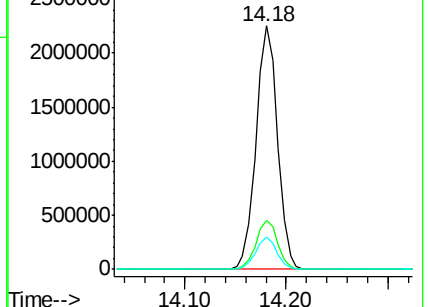
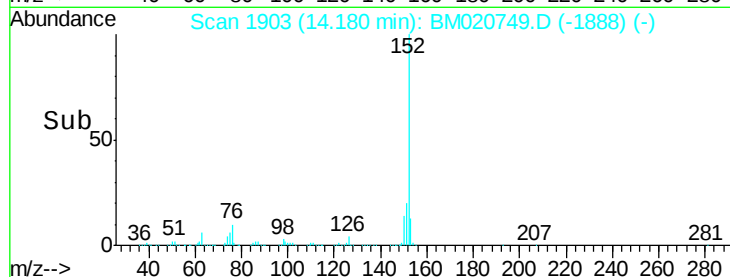
6/6/2019 11:22:09 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.214 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

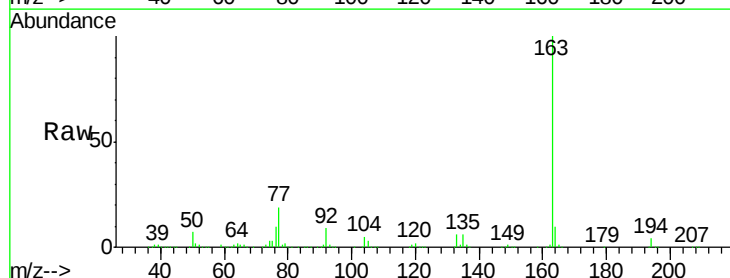
Tgt Ion:163 Resp: 2480456

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

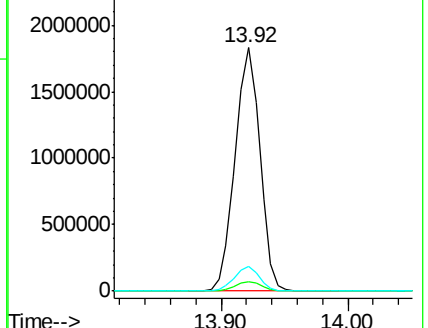
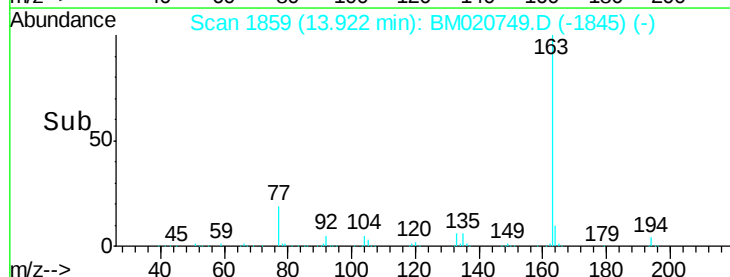
164 10.1 7.9 11.9

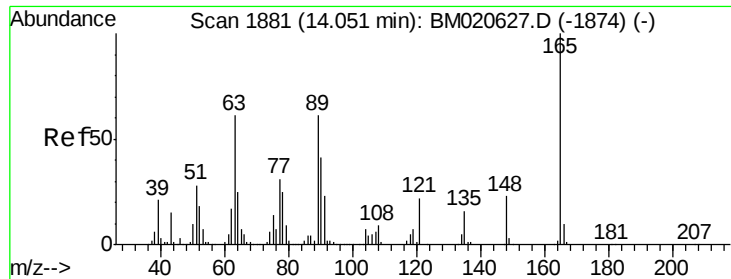


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





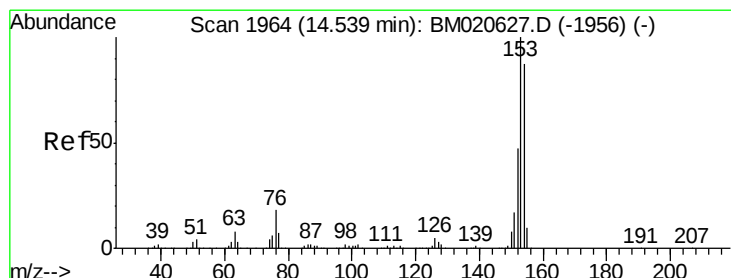
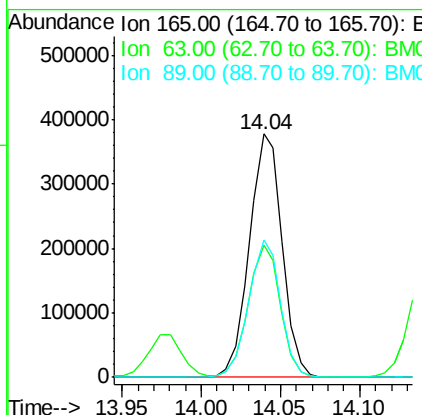
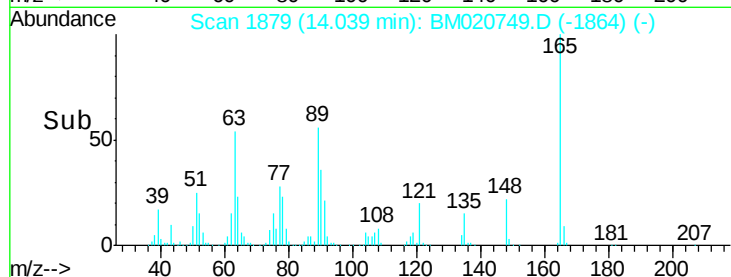
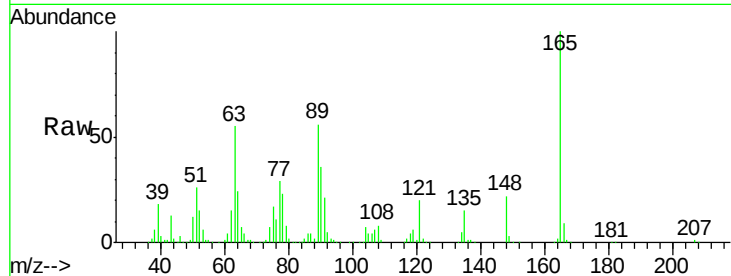
#51
 2,6-Dinitrotoluene
 Concen: 43.167 ng
 RT: 14.04 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Instrument :
 BNA_M
 ClientSampleID :
 IDOC-04-RC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	540641		
63	54.6		50.4	75.6
89	56.4		49.1	73.7

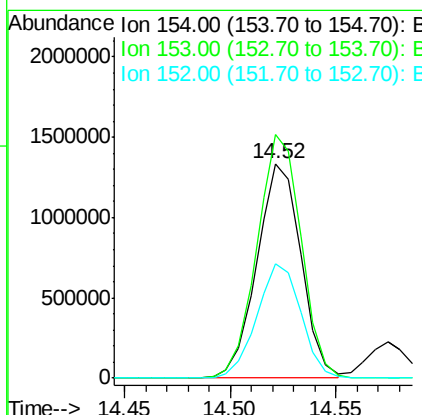
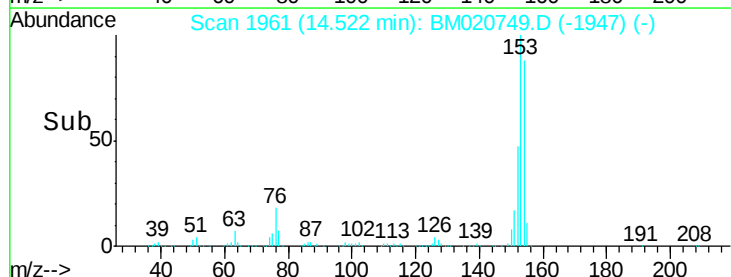
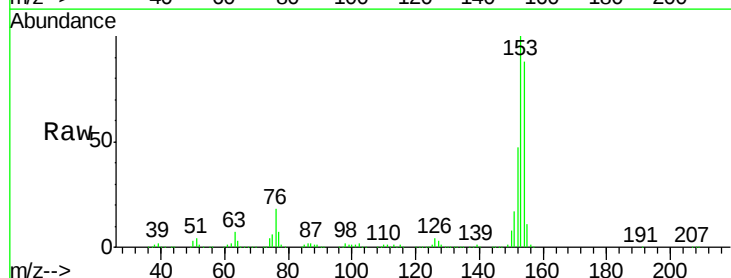
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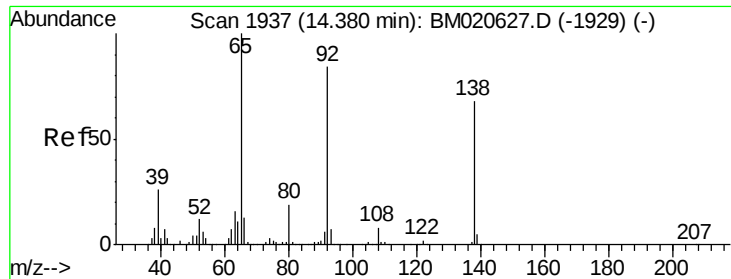
mohammad
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#52
 Acenaphthene
 Concen: 42.821 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.02 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1937682		
153	113.7		92.4	138.6
152	53.3		43.4	65.0





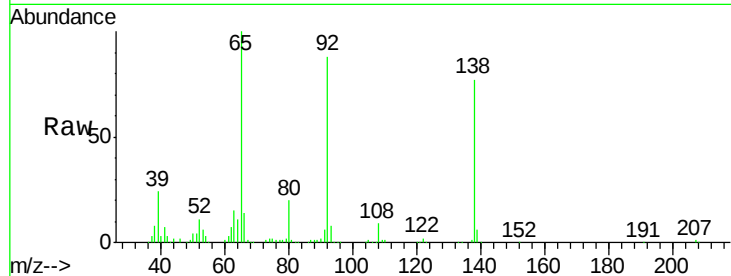
#53
3-Nitroaniline
Concen: 24.488 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

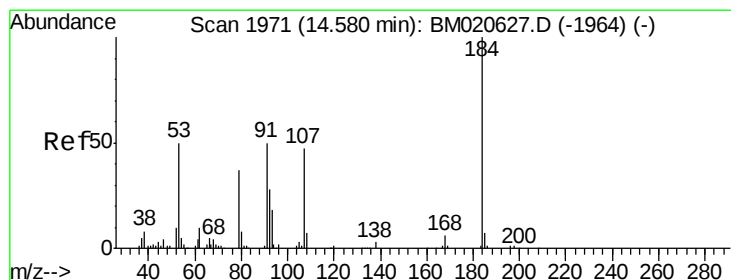
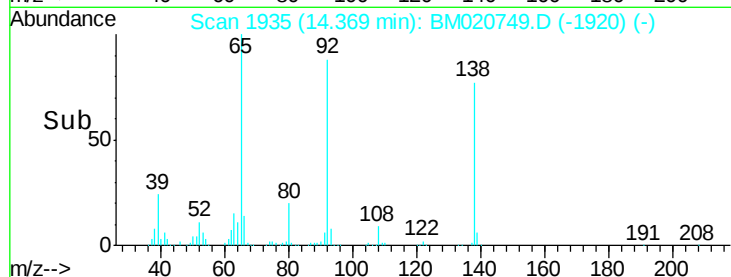
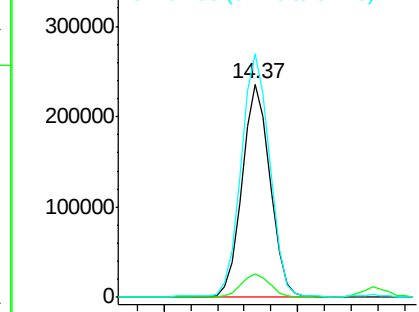
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.5	14.3
92	114.3	99.6	149.4

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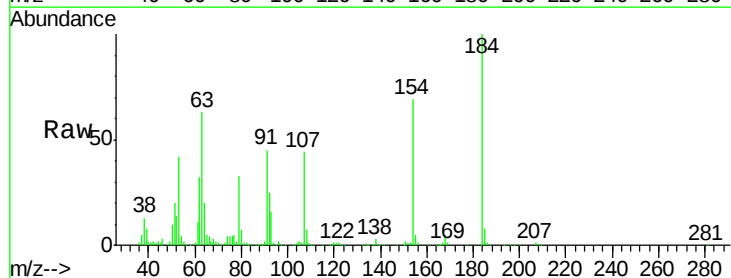


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

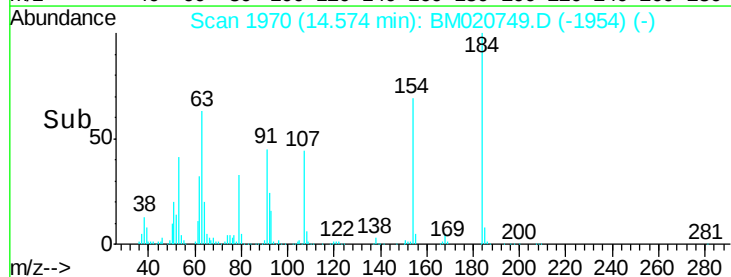
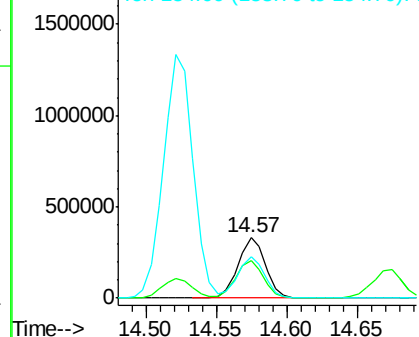


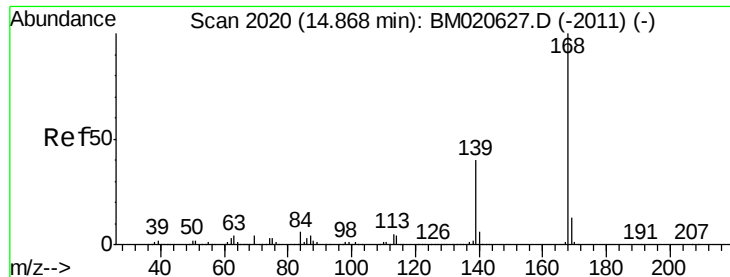
#54
2,4-Dinitrophenol
Concen: 83.303 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	59.3	88.9
154	69.2	56.5	84.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





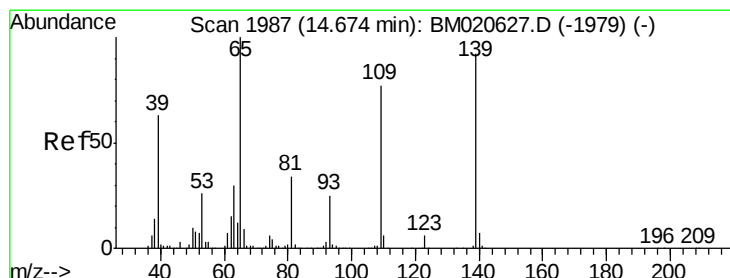
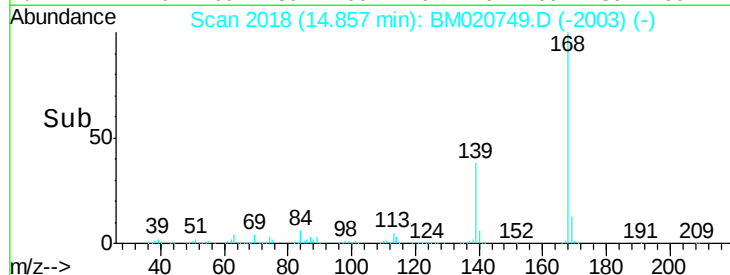
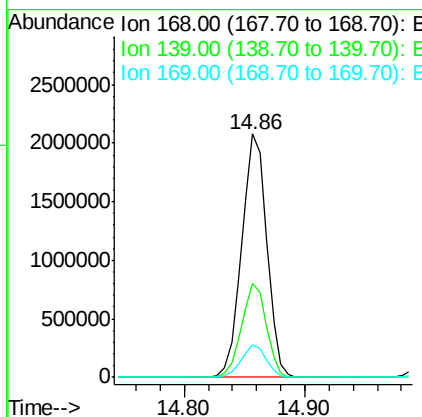
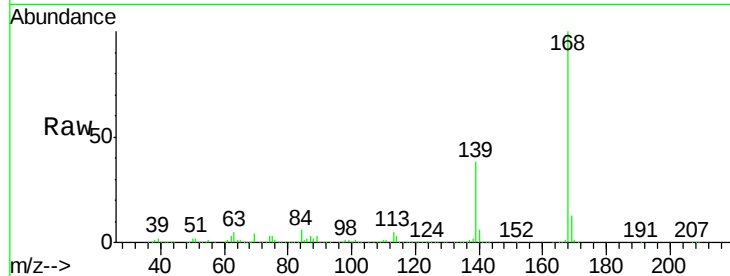
#55
Dibenzenofuran
Concen: 42.957 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion:168 Resp: 3019017
Ion Ratio Lower Upper
168 100
139 38.4 31.9 47.9
169 13.4 10.7 16.1

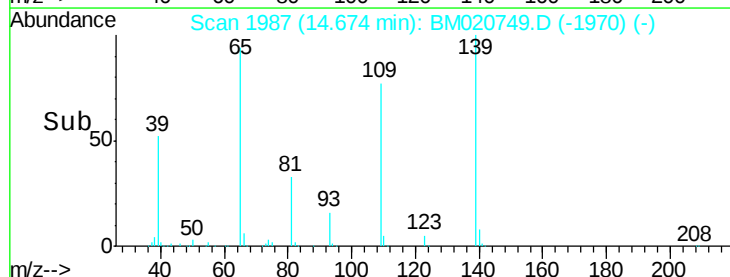
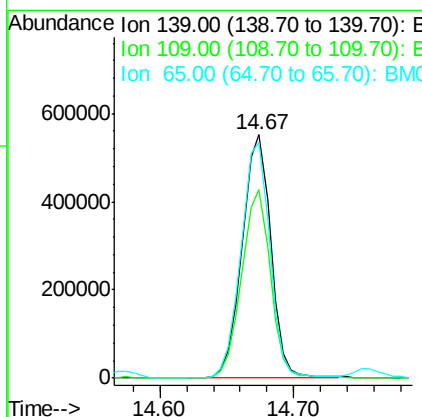
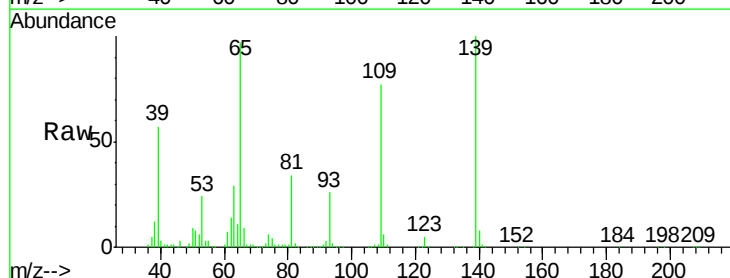
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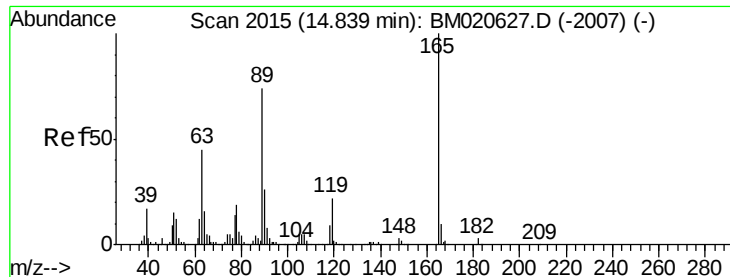
mohammad
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#56
4-Nitrophenol
Concen: 79.530 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion:139 Resp: 819276
Ion Ratio Lower Upper
139 100
109 77.4 62.7 102.7
65 96.9 88.3 128.3





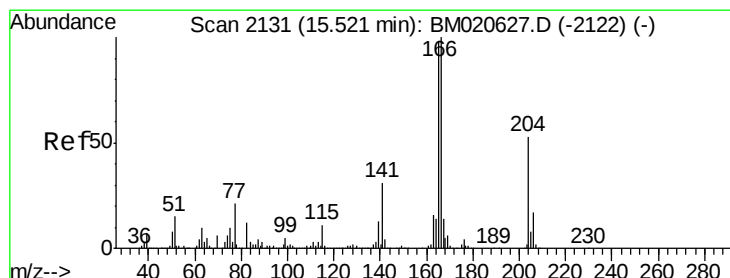
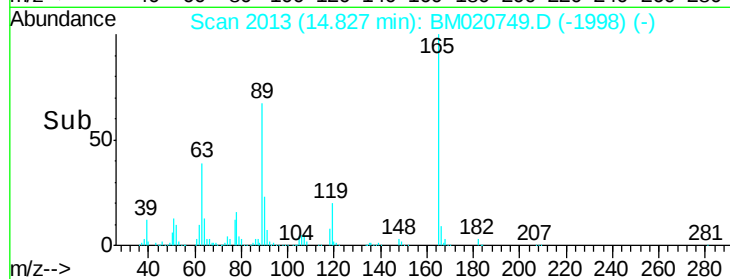
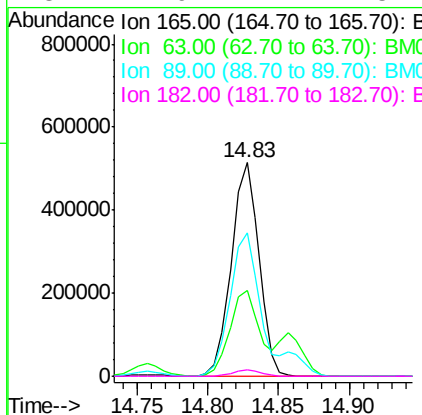
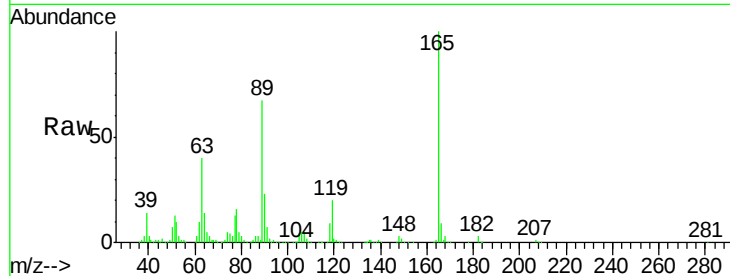
#57
2,4-Dinitrotoluene
Concen: 41.730 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion:	165	Resp:	699791
Ion Ratio	Lower	Upper	
165	100		
63	40.0	36.3	54.5
89	67.4	59.0	88.6
182	2.9	2.2	3.4

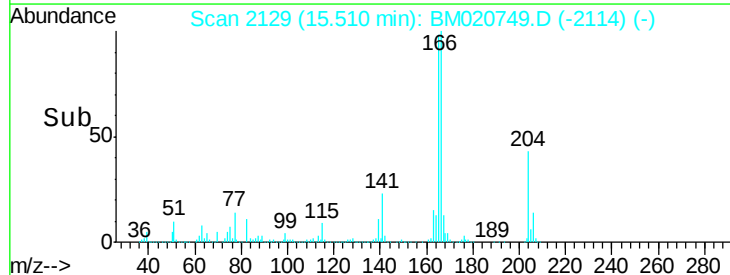
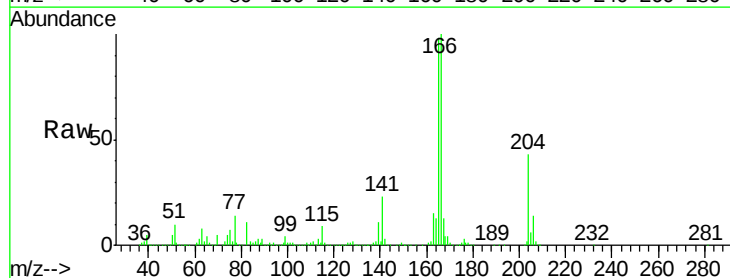
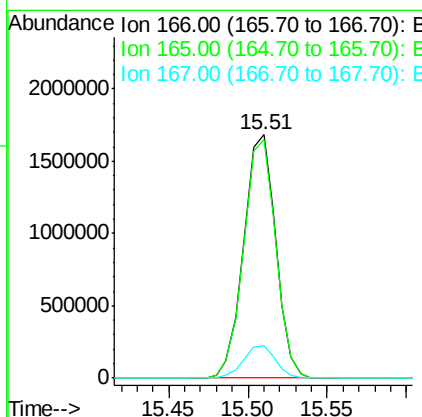
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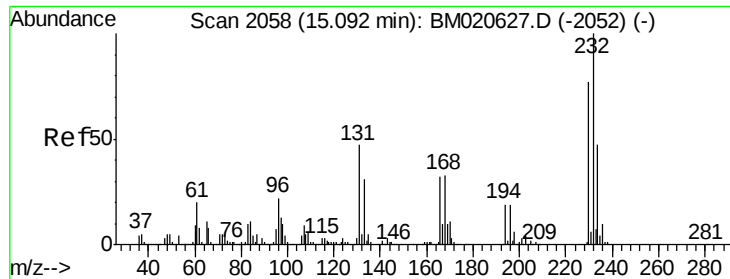
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#58
Fluorene
Concen: 40.839 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion:	166	Resp:	2360293
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.6	117.8
167	13.1	11.0	16.4





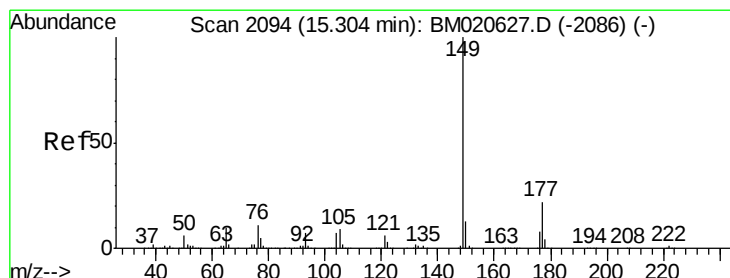
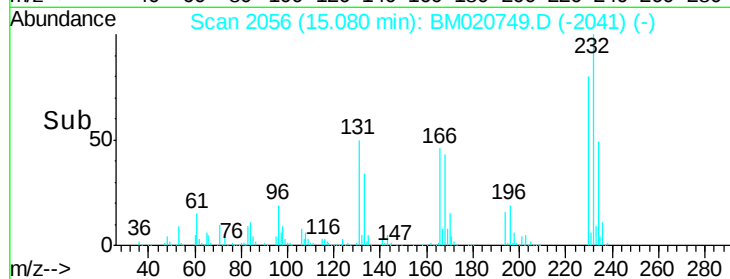
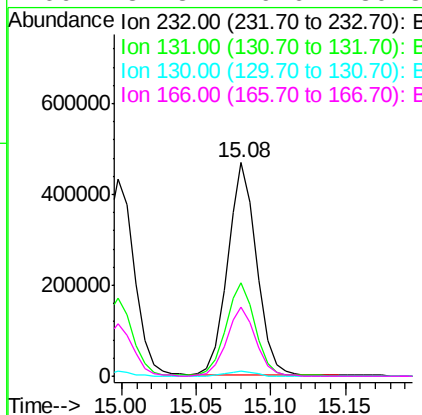
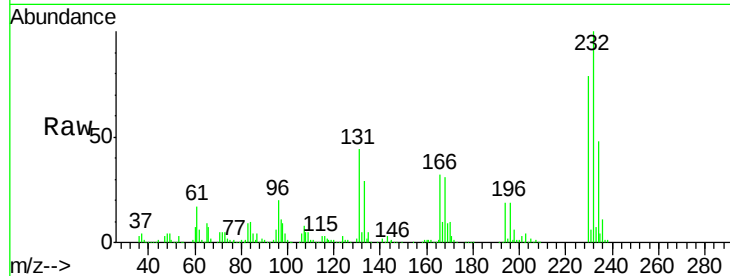
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.276 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-04-RC

Tot Ion:	232	Resp:	633995
Ion Ratio	Lower	Upper	
232	100		
131	44.6	38.6	57.8
130	2.4	2.2	3.2
166	32.3	26.6	39.8

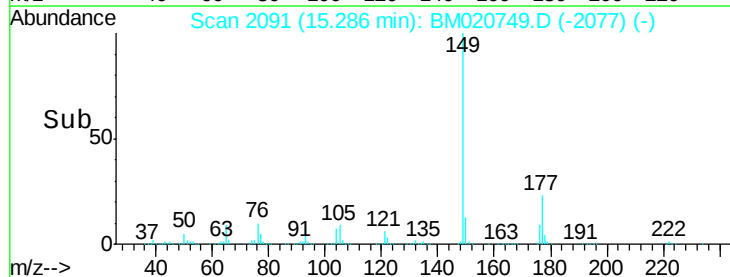
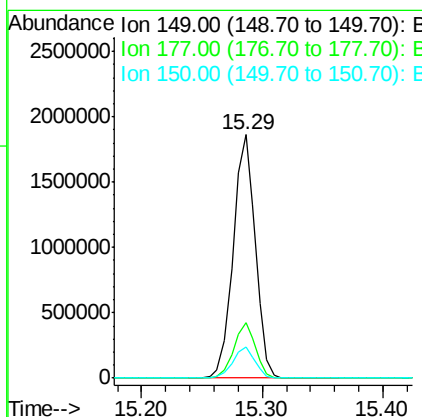
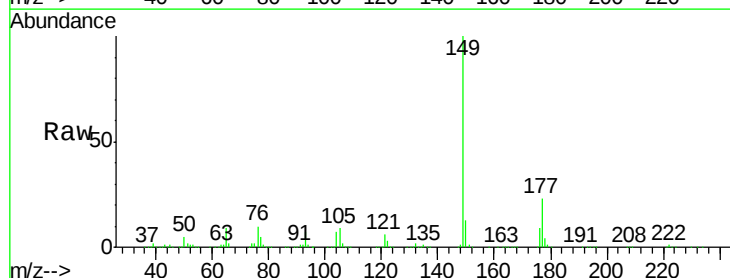
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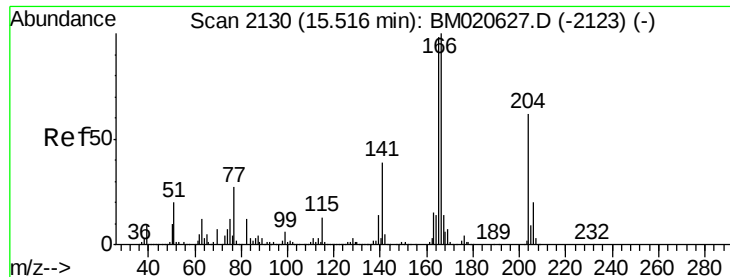
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#60
 Diethylphthalate
 Concen: 37.214 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Tgt Ion:	149	Resp:	2367371
Ion Ratio	Lower	Upper	
149	100		
177	22.7	17.2	25.8
150	12.7	10.1	15.1





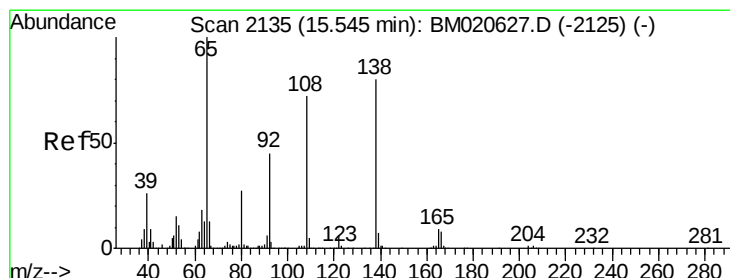
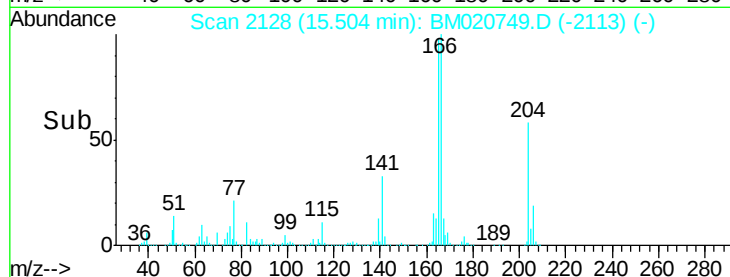
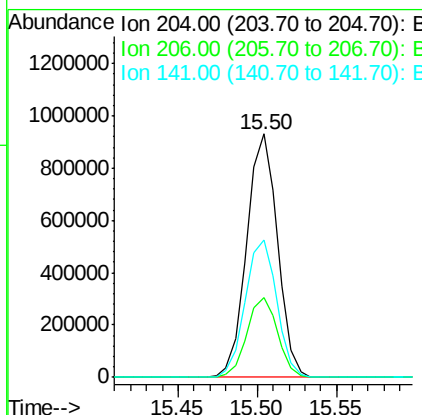
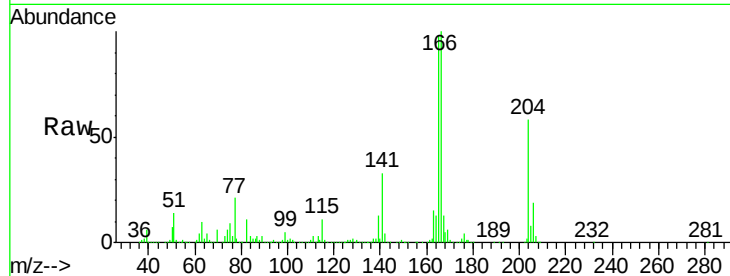
#61
4-Chlorophenyl-phenylether
Concen: 41.084 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleID :
IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	56.3	50.2	75.4

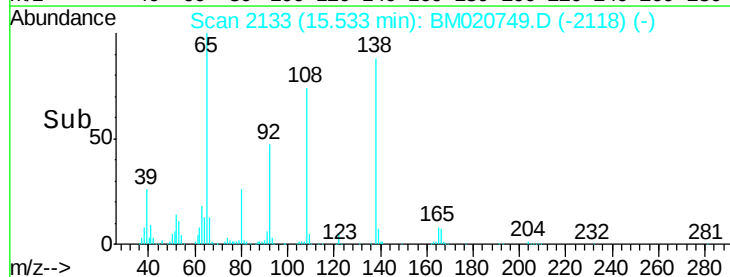
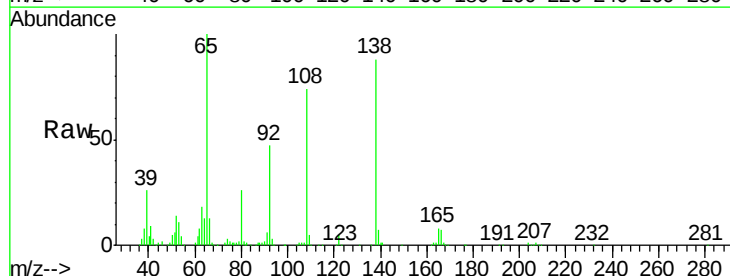
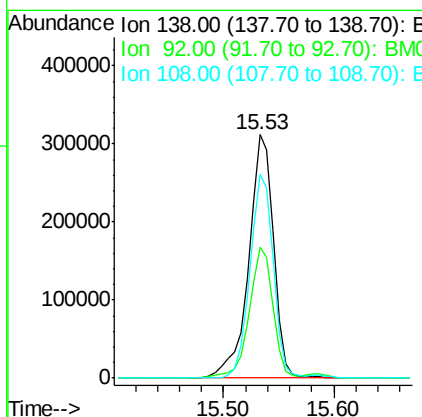
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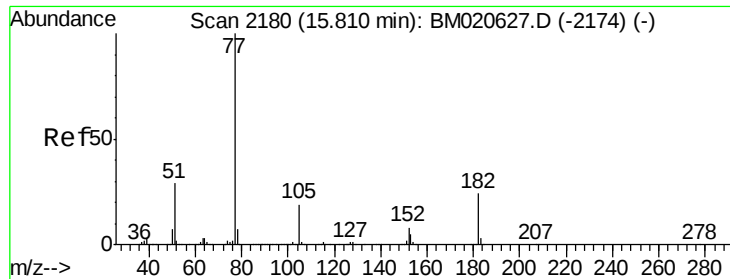
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#62
4-Nitroaniline
Concen: 33.326 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.7	36.7	76.7
108	84.0	70.3	110.3





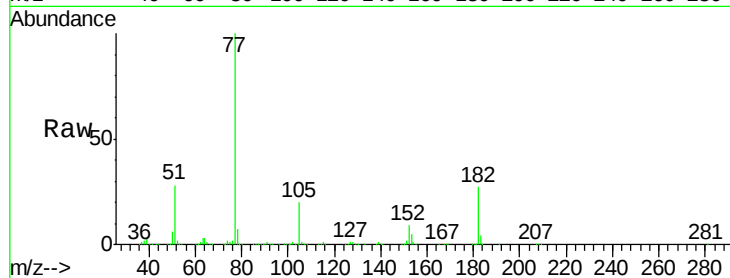
#63
Azobenzene
Concen: 36.674 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

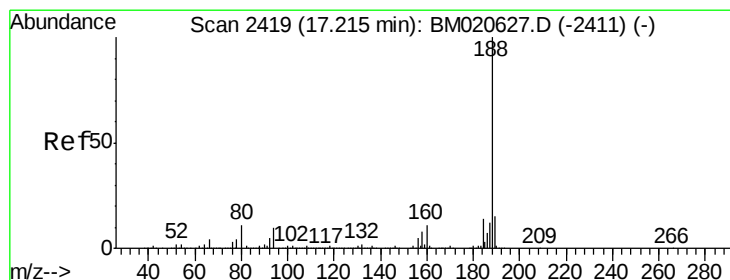
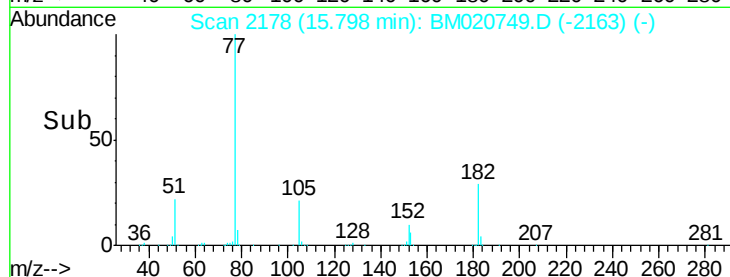
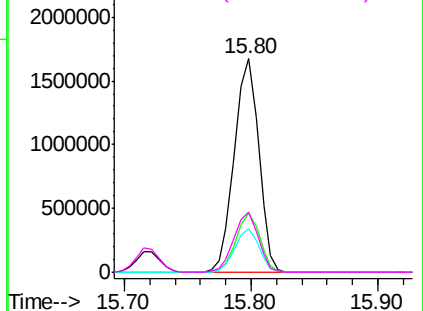
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	3.6	43.6
105	20.3	0.0	39.4
51	28.0	9.5	49.5

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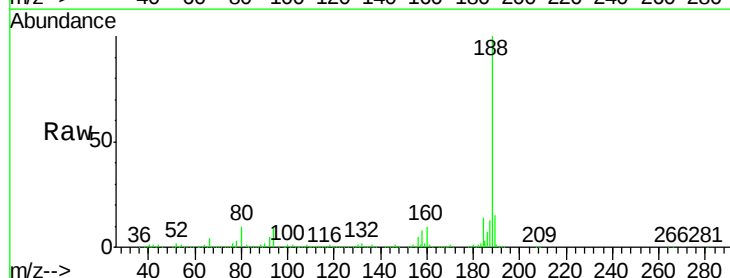


Abundance Ion 77.00 (76.70 to 77.70): BM020749.D (-2174) (-)
Ion 182.00 (181.70 to 182.70): BM020749.D (-2174) (-)
Ion 105.00 (104.70 to 105.70): BM020749.D (-2174) (-)
Ion 51.00 (50.70 to 51.70): BM020749.D (-2174) (-)

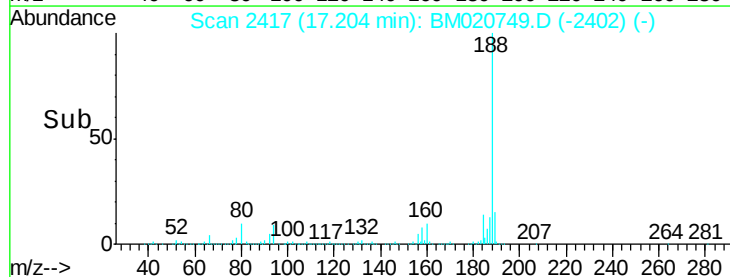
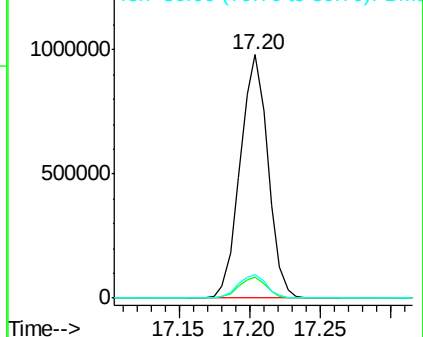


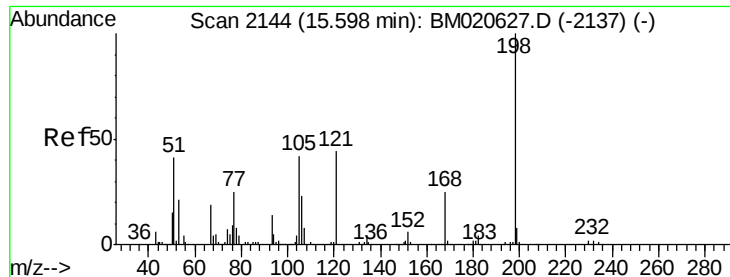
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.8
80	9.8	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): BM020749.D (-2402) (-)
Ion 94.00 (93.70 to 94.70): BM020749.D (-2402) (-)
Ion 80.00 (79.70 to 80.70): BM020749.D (-2402) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 45.445 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion:198 Resp: 274869

Ion Ratio Lower Upper

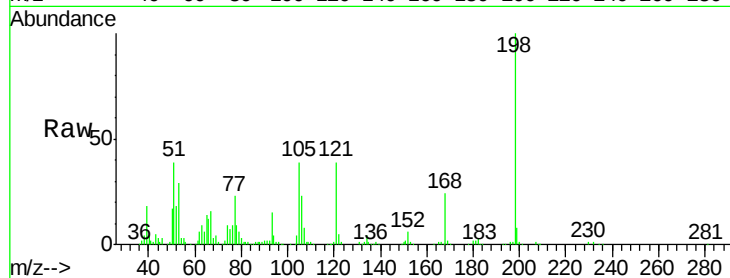
198 100

51 39.1 27.7 67.7

105 39.2 23.8 63.8

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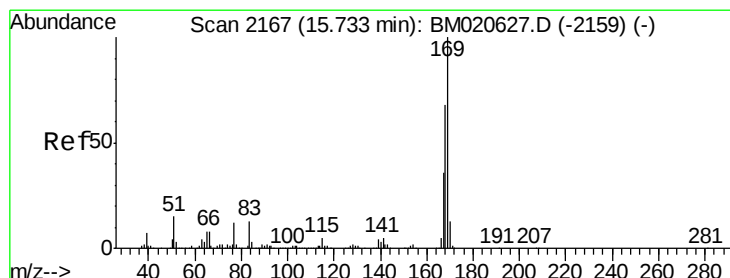
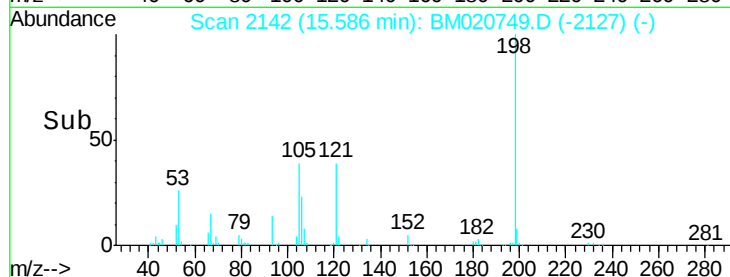
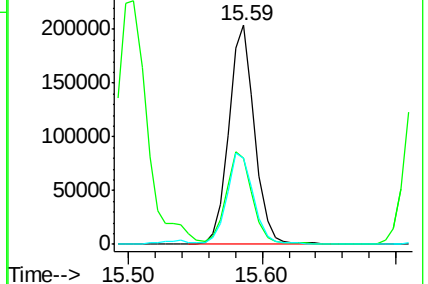
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.647 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

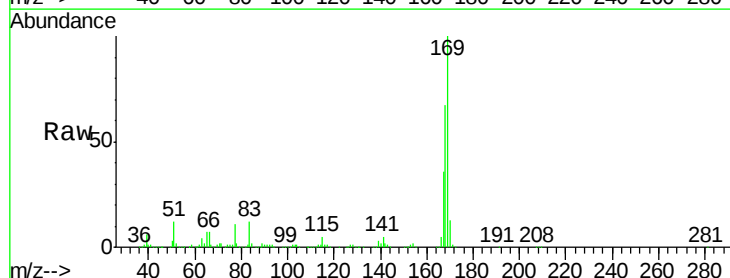
Tgt Ion:169 Resp: 2010450

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.4

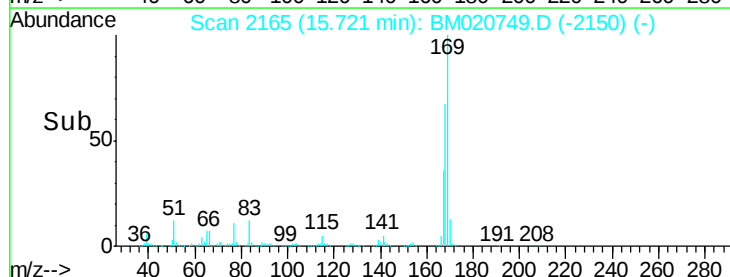
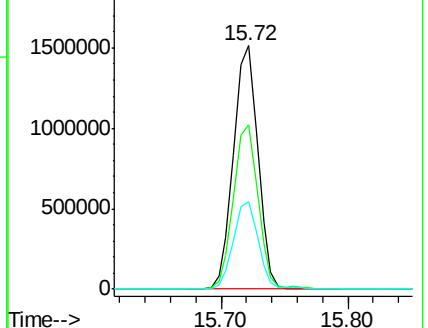
167 35.9 29.1 43.7

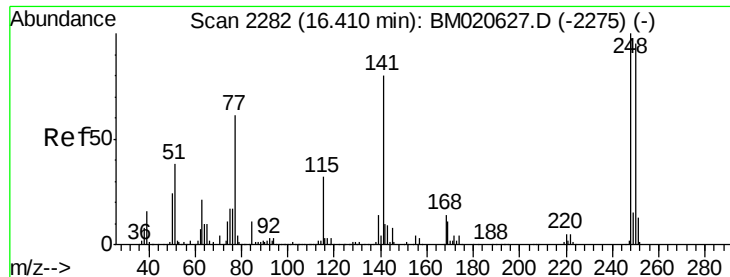


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





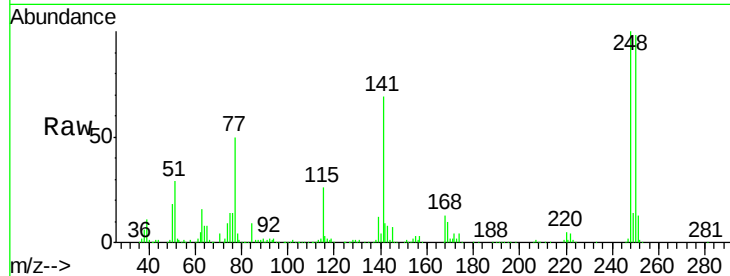
#67
4-Bromophenyl-phenylether
Concen: 45.809 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

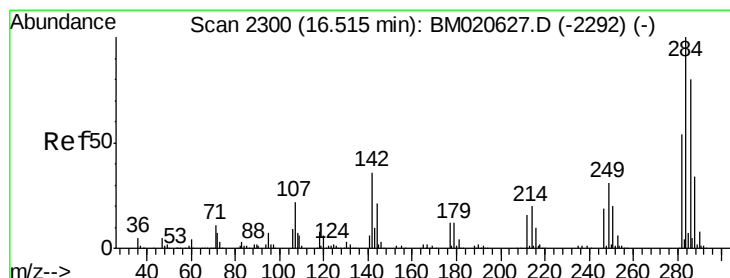
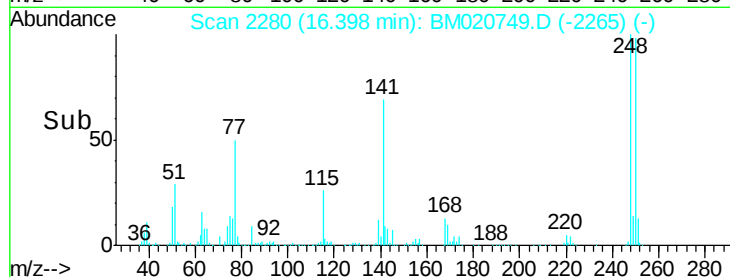
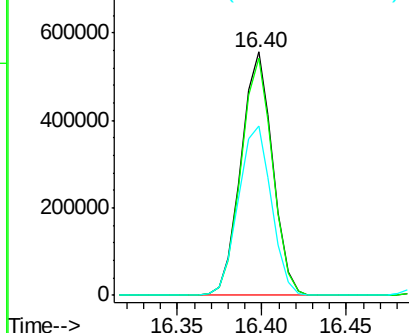
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.3	114.5
141	69.3	64.2	96.2

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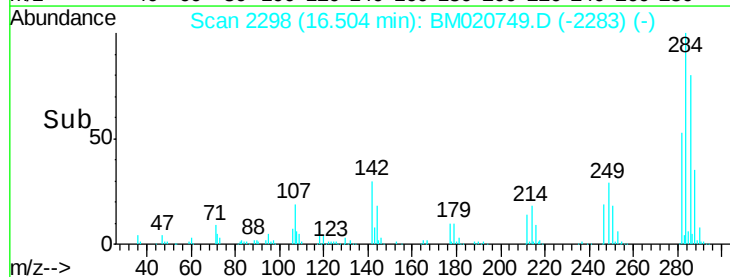
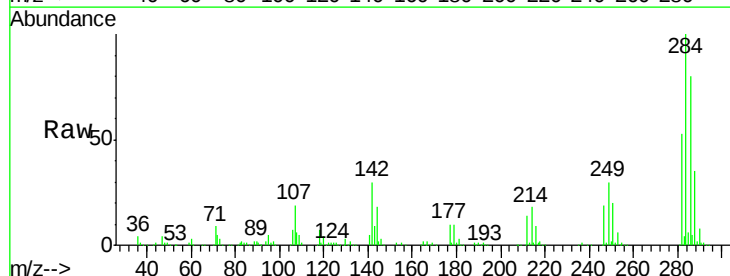
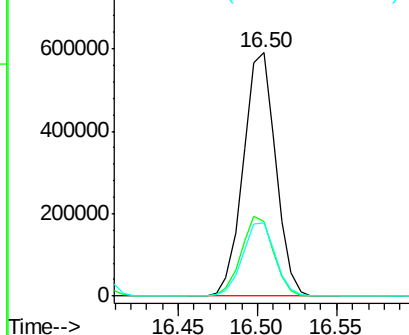
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

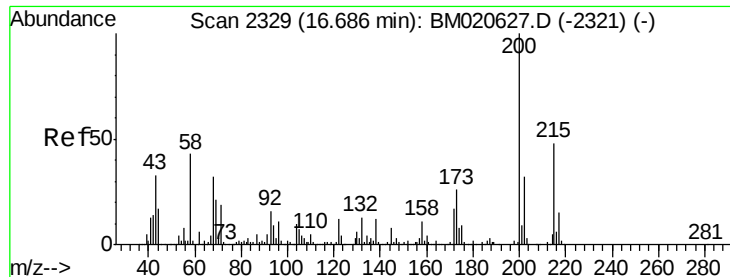


#68
Hexachlorobenzene
Concen: 45.229 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	28.6	42.8
249	30.3	25.0	37.4

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.250 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

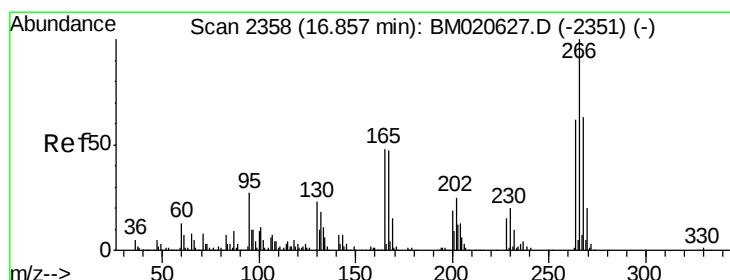
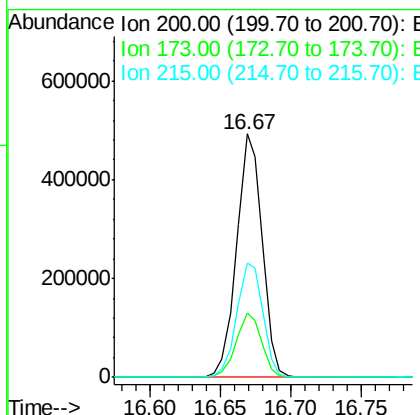
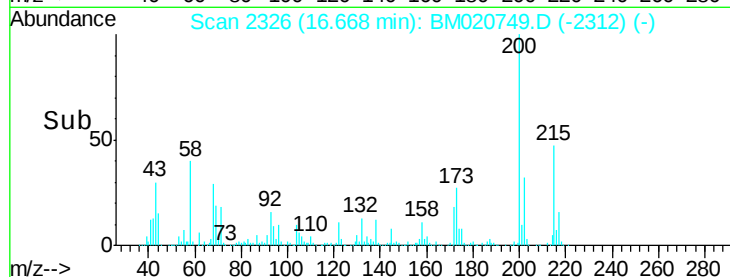
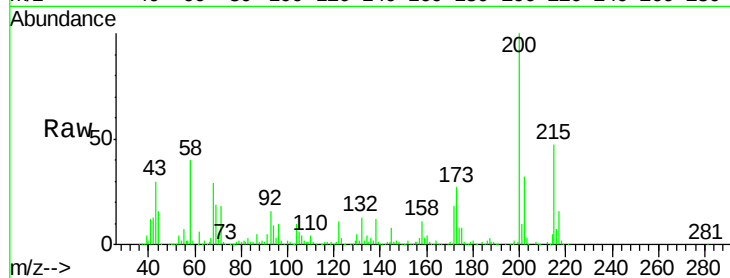
ClientSampleId :

IDOC-04-RC

Tot Ion:	200	Resp:	620644
Ion Ratio	Lower	Upper	
200	100		
173	26.7	6.2	46.2
215	47.2	27.7	67.7

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#70

Pentachlorophenol

Concen: 105.633 ng

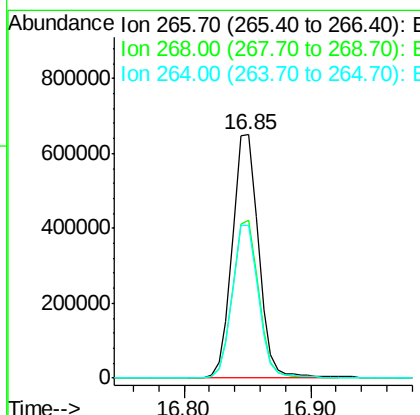
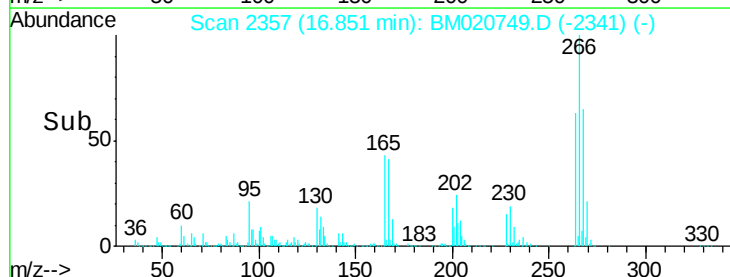
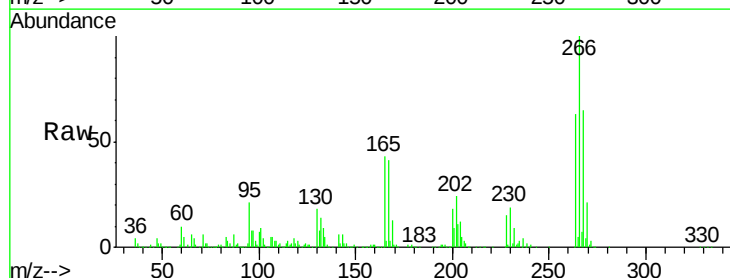
RT: 16.85 min Scan# 2357

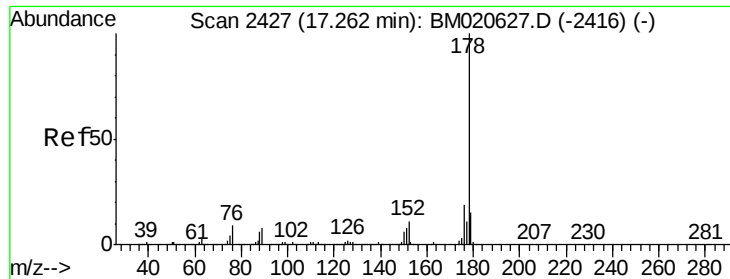
Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Tgt Ion:	266	Resp:	932790
Ion Ratio	Lower	Upper	
266	100		
268	64.7	50.6	75.8
264	62.9	49.6	74.4





#71

Phenanthrene

Concen: 43.310 ng

RT: 17.24 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion:178 Resp: 3305184

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

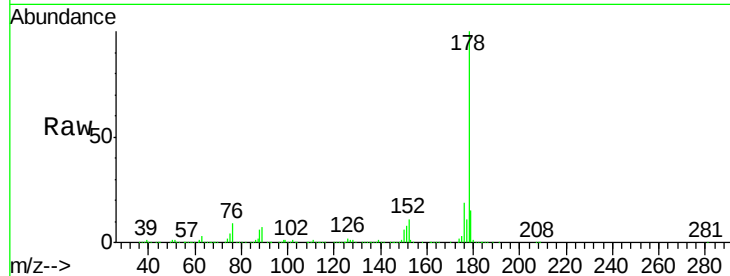
179 15.5 12.2 18.4

Manual Integrations

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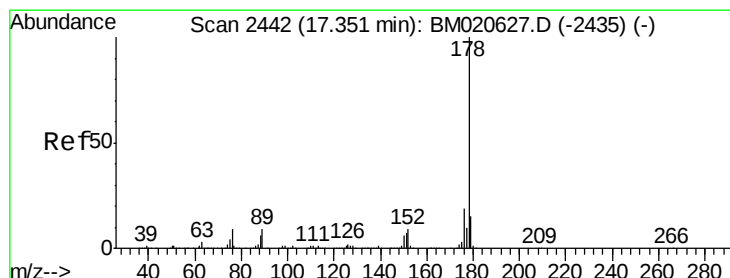
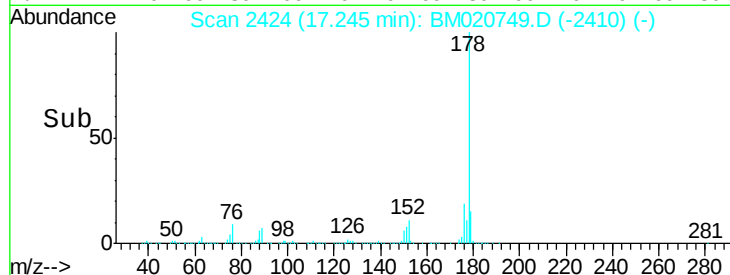
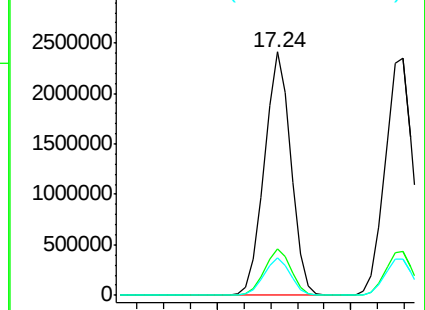
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.941 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

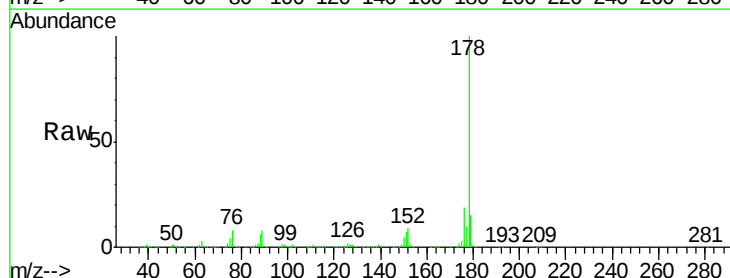
Tgt Ion:178 Resp: 3356285

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

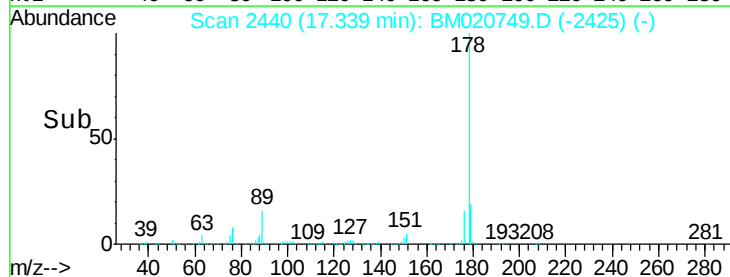
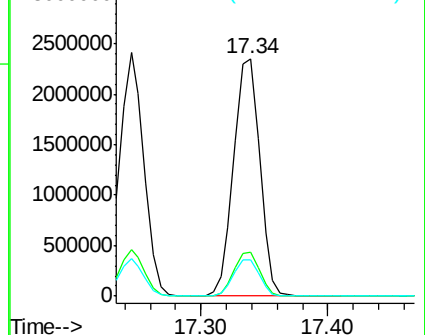
179 15.5 12.3 18.5

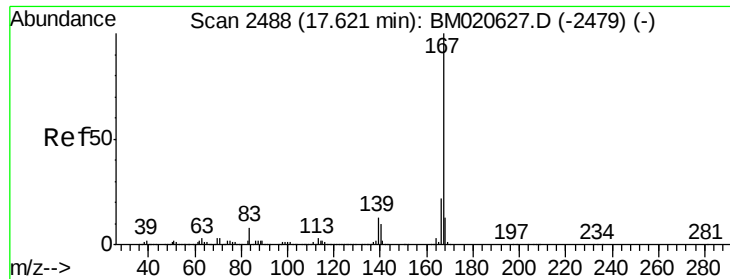


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





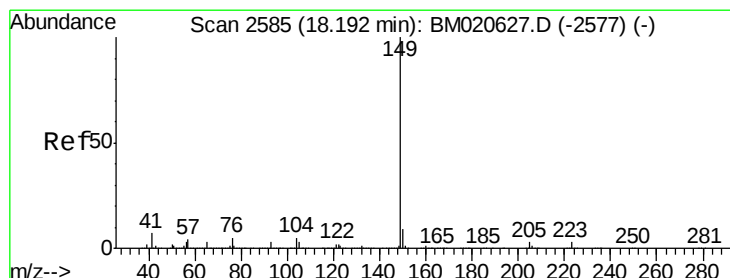
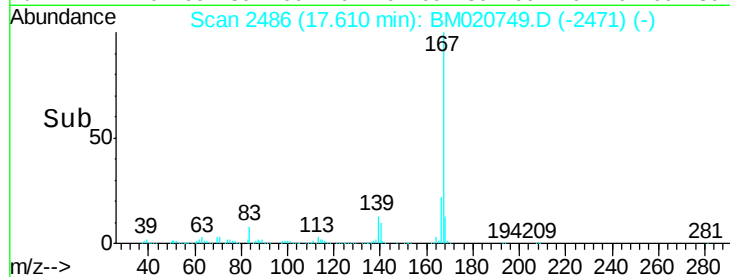
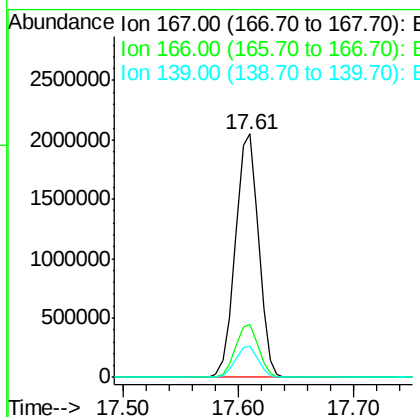
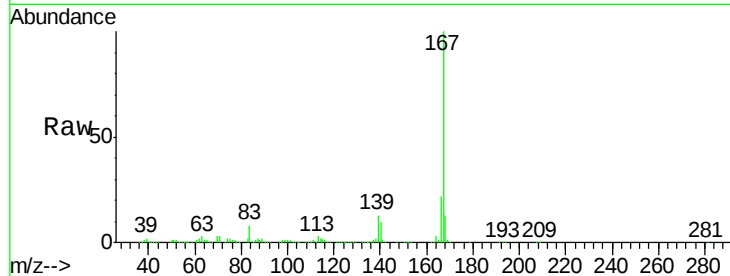
#73
 Carbazole
 Concen: 41.116 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.9	10.6	15.8

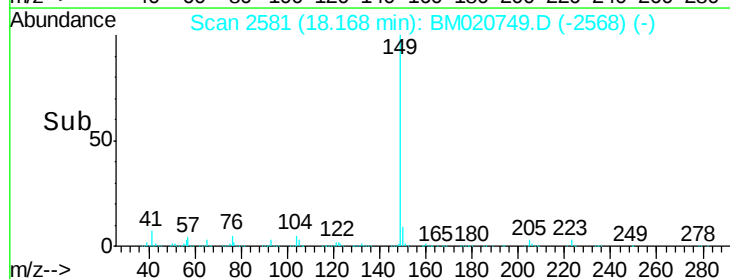
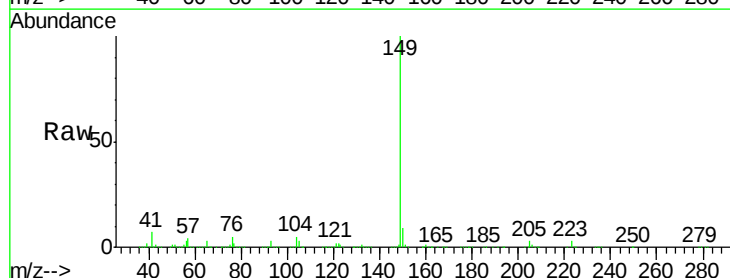
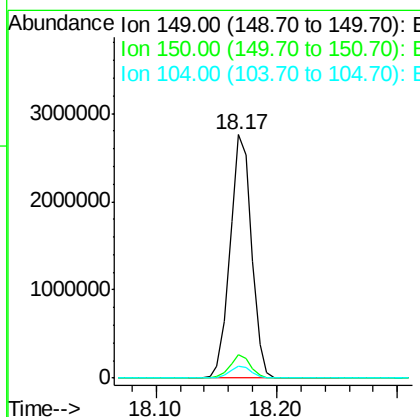
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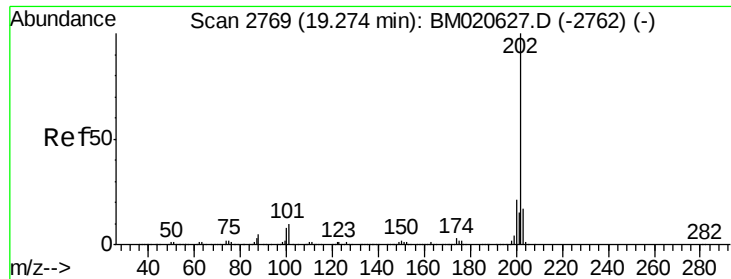
mohammad
 6/6/2019 11:22:09 AM



#74
 Di-n-butylphthalate
 Concen: 37.804 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 40.544 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

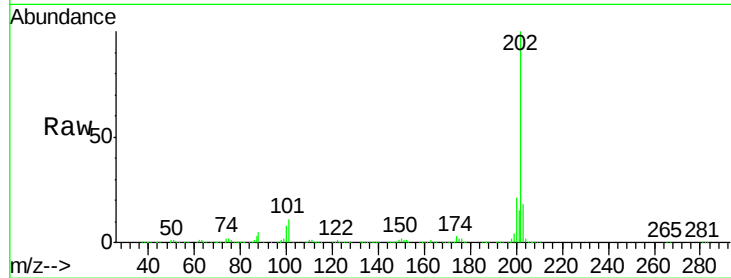
ClientSampleId :

IDOC-04-RC

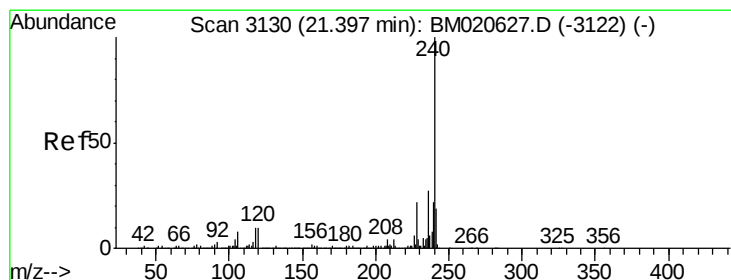
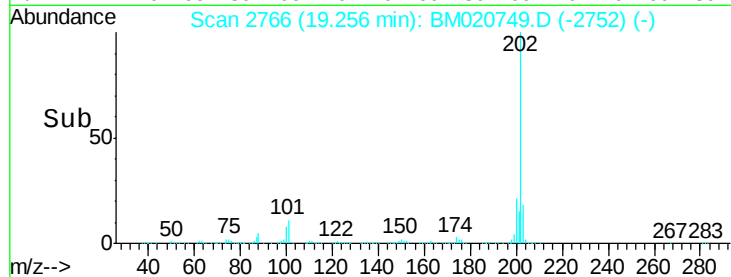
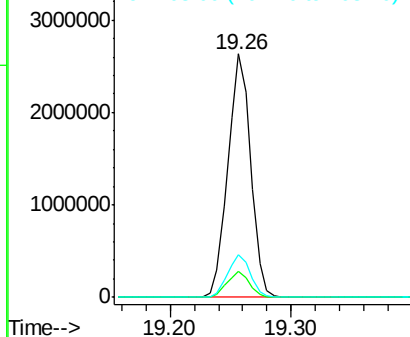
Tot Ion:	202	Resp:	3440878
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.4
203	17.7	0.0	37.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

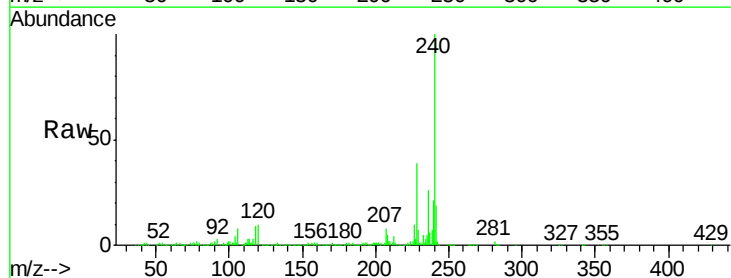
RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

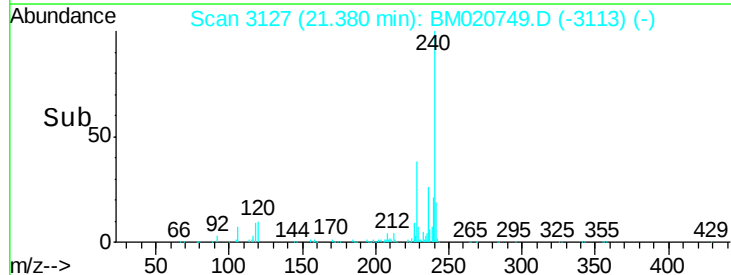
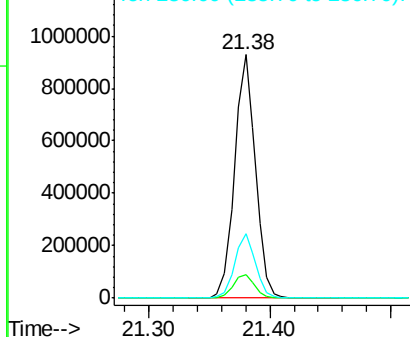
Lab File: BM020749.D

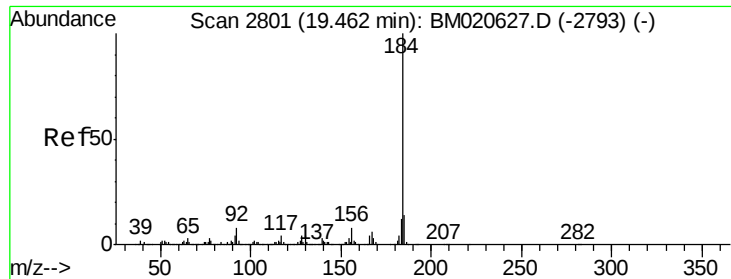
Acq: 05 Jun 2019 22:49

Tgt Ion:	240	Resp:	1114093
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.2	12.2
236	26.2	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.031 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion:184 Resp: 1418878

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

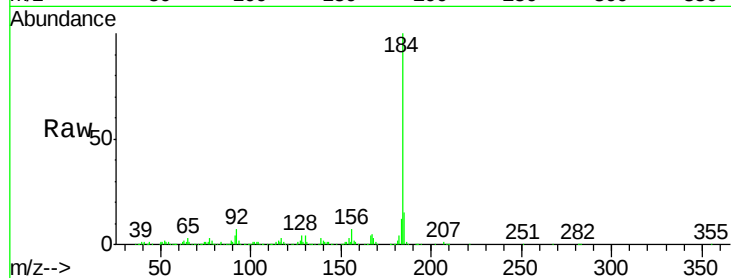
183 12.1 9.8 14.6

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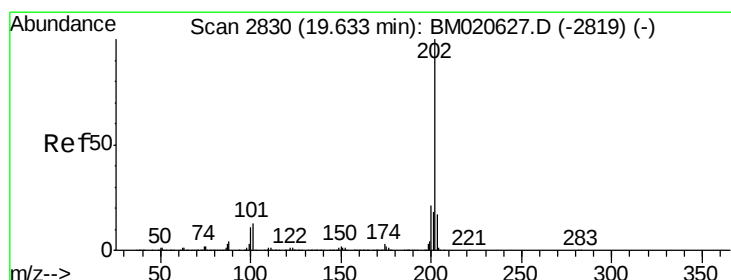
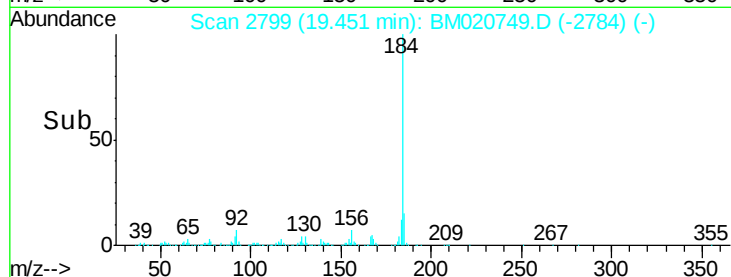
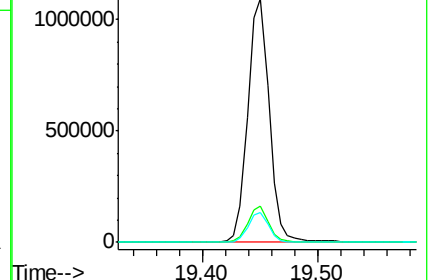
6/6/2019 11:22:09 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.632 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

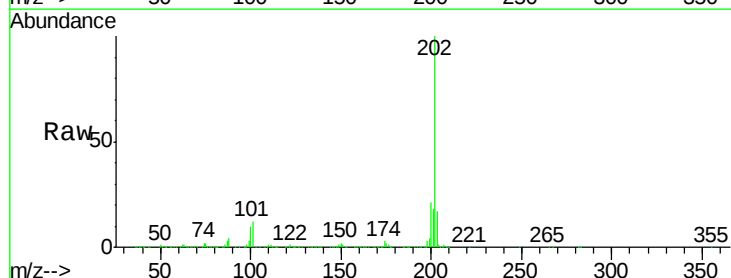
Tgt Ion:202 Resp: 3473805

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

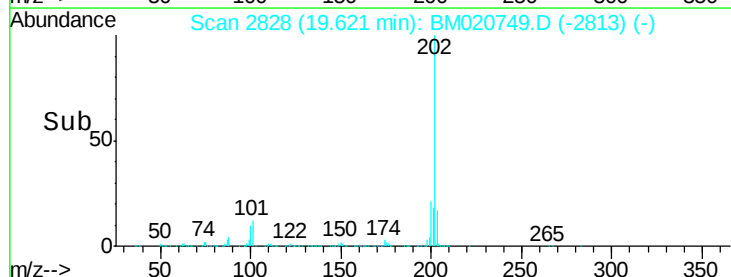
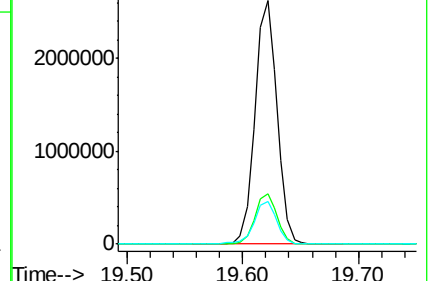
203 17.5 13.9 20.9

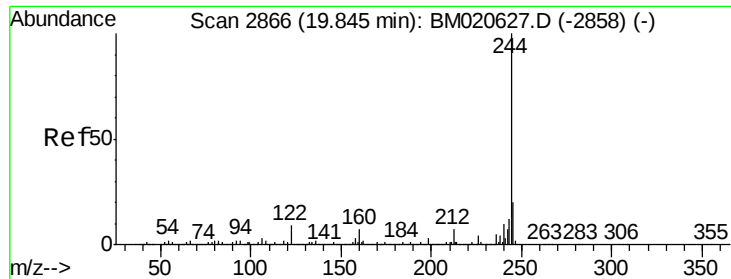


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





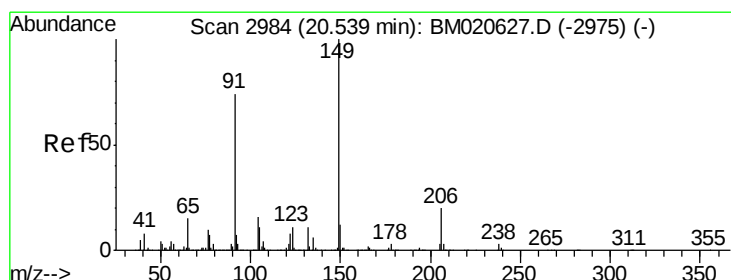
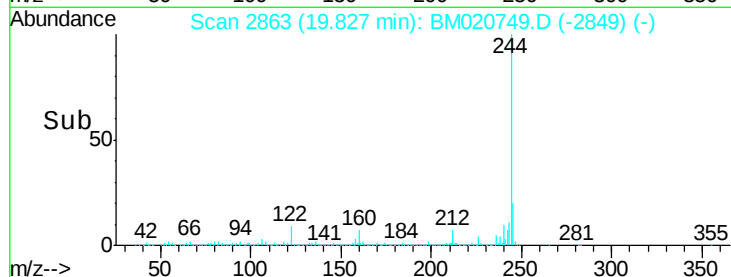
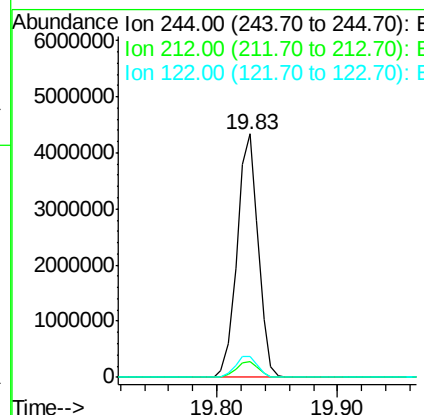
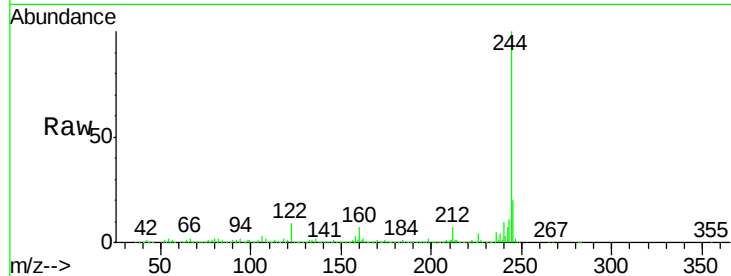
#79
 Terphenyl-d14
 Concen: 78.689 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Instrument :
 BNA_M
 ClientSampled :
 IDOC-04-RC

Tot Ion:244 Resp: 5241222
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 8.6 7.2 10.8

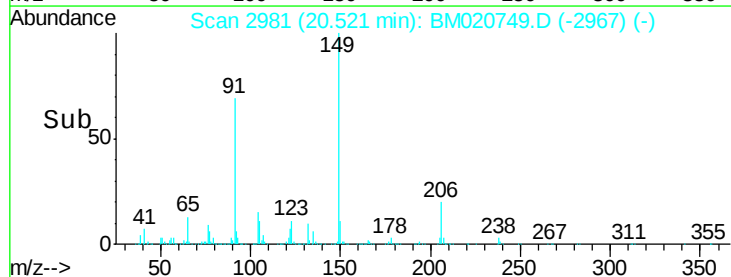
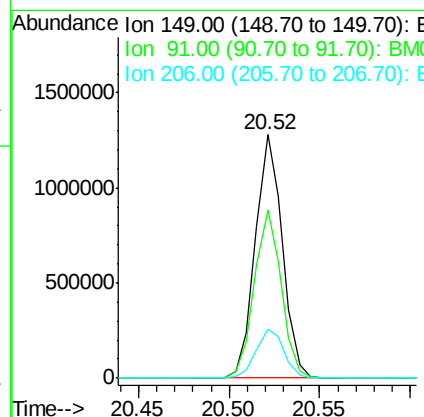
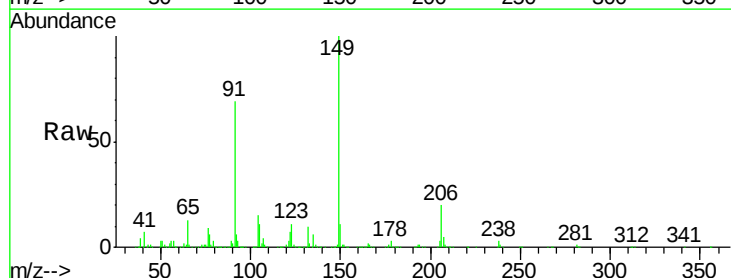
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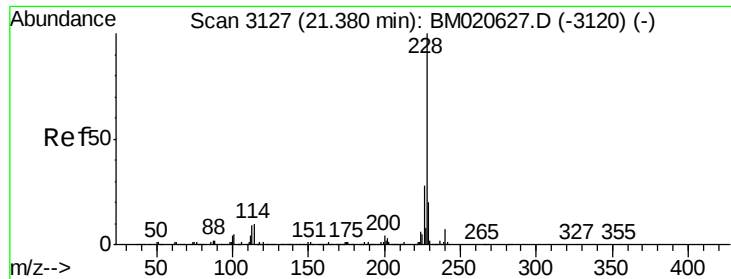
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.695 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Tgt Ion:149 Resp: 1325795
 Ion Ratio Lower Upper
 149 100
 91 68.8 59.6 89.4
 206 20.3 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.664 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

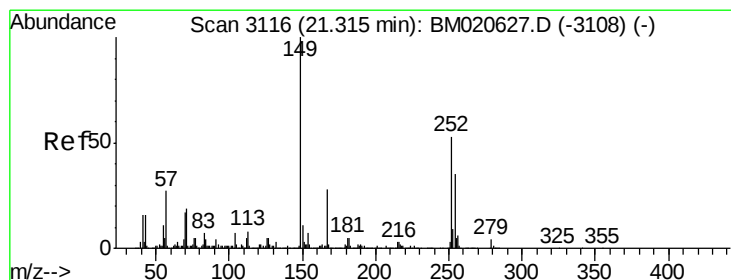
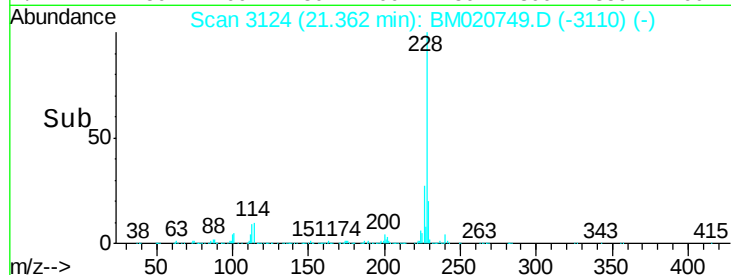
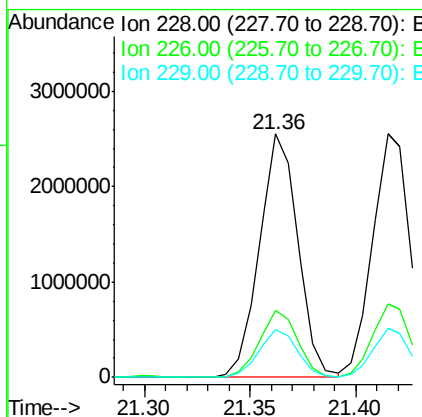
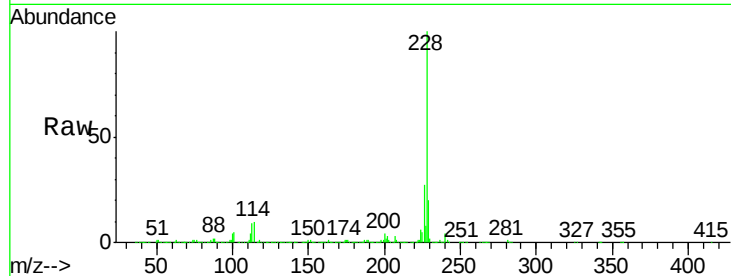
ClientSampleId :

IDOC-04-RC

Tot Ion:	228	Resp:	3232465
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.6	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 36.895 ng

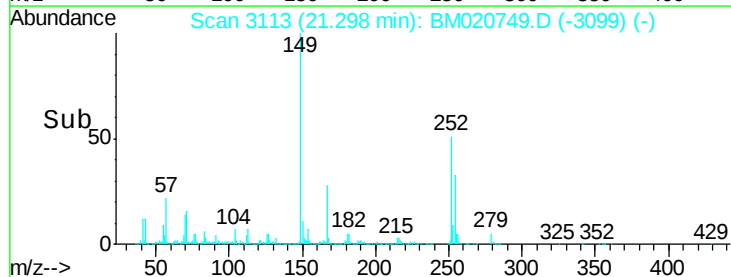
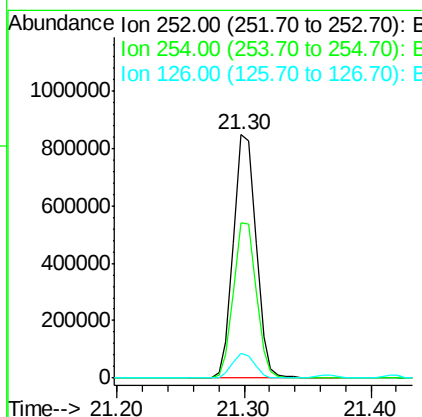
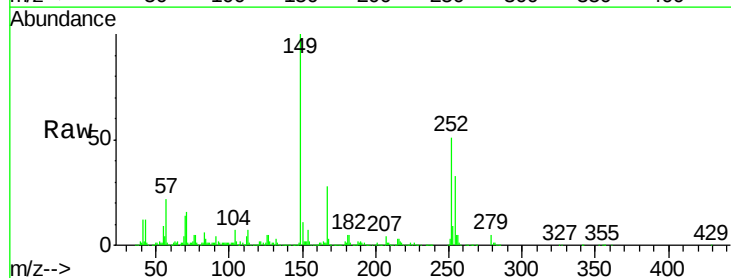
RT: 21.30 min Scan# 3113

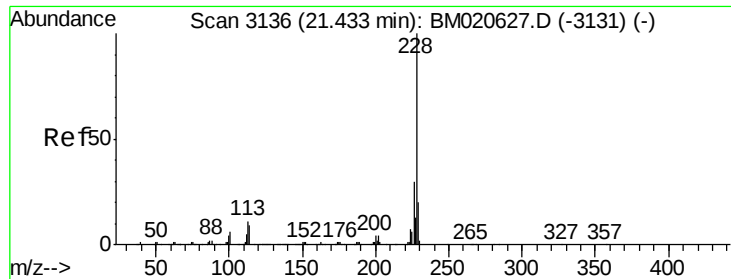
Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Tgt Ion:	252	Resp:	1048214
Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	78.8
126	10.3	8.0	12.0





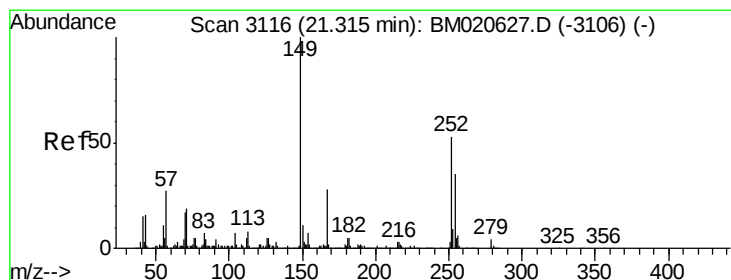
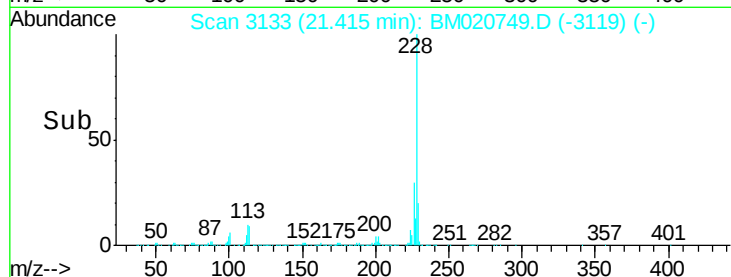
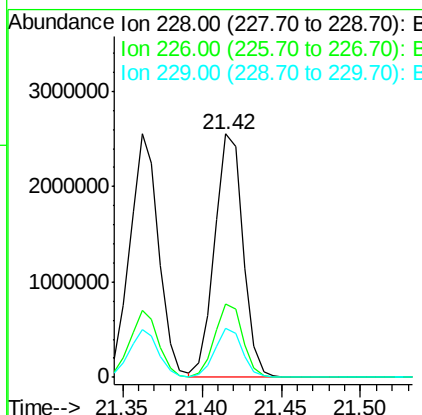
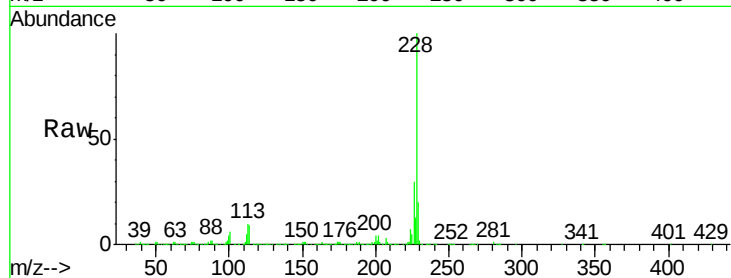
#83
 Chrysene
 Concen: 42.957 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-04-RC

Tot Ion:228 Resp: 3168040
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 20.0 15.8 23.6

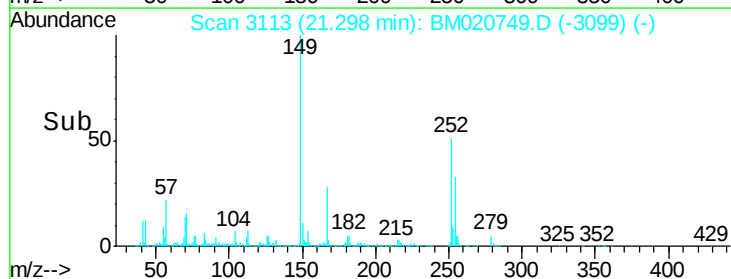
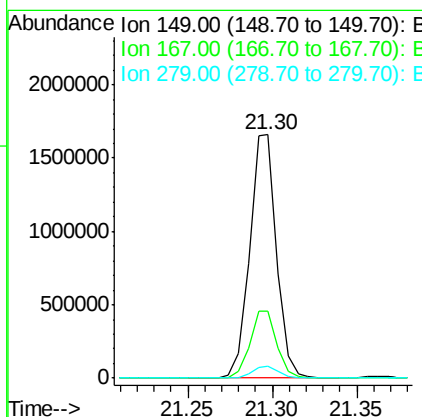
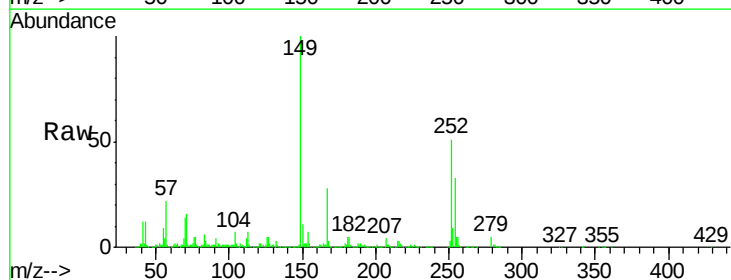
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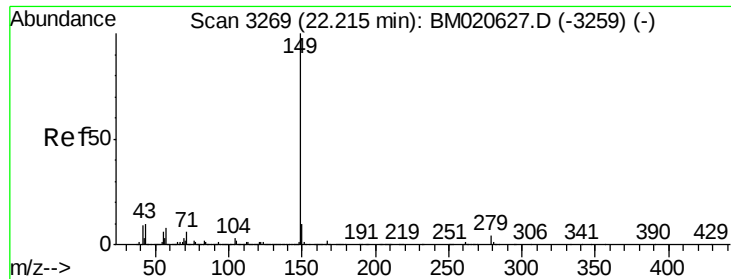
mohammad
 6/6/2019 11:22:09 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.875 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020749.D
 Acq: 05 Jun 2019 22:49

Tgt Ion:149 Resp: 1831322
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.1 33.1
 279 5.1 3.4 5.0#





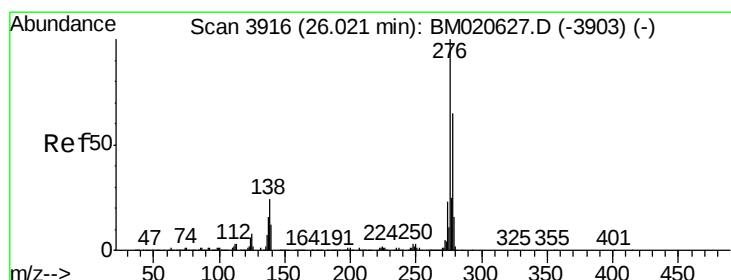
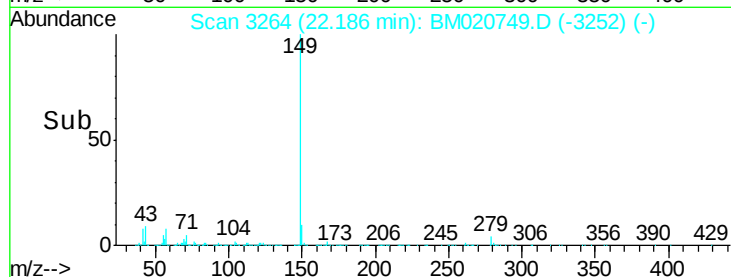
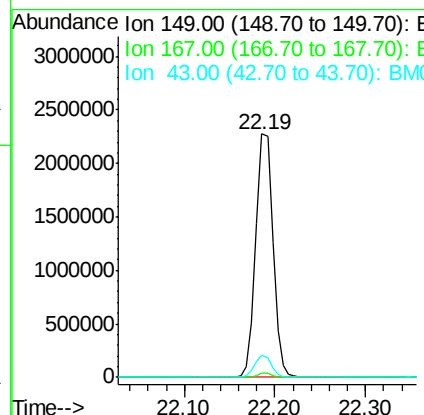
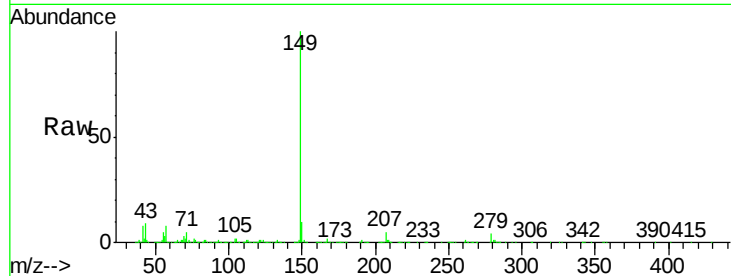
#85
Di-n-octyl phthalate
Concen: 35.910 ng
RT: 22.19 min Scan# 3264
Delta R.T. -0.03 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.8	8.2	12.4

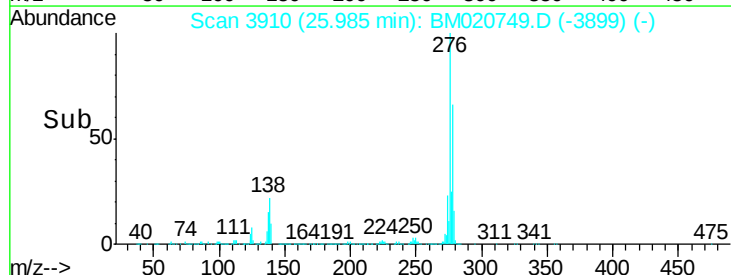
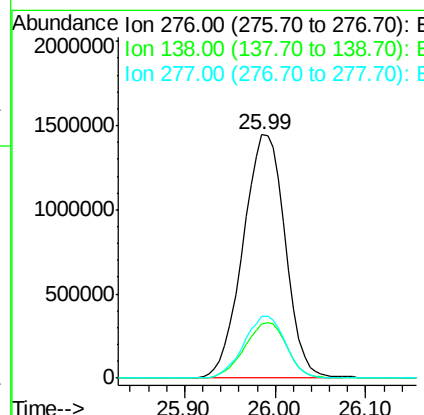
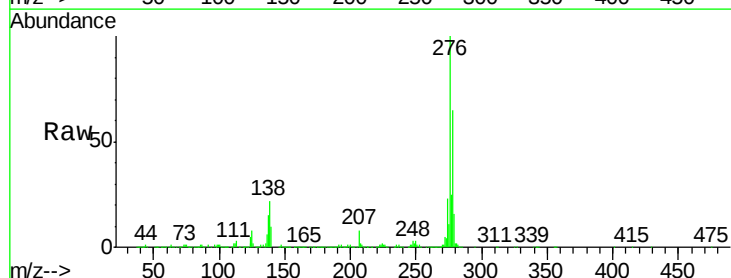
Manual Integrations
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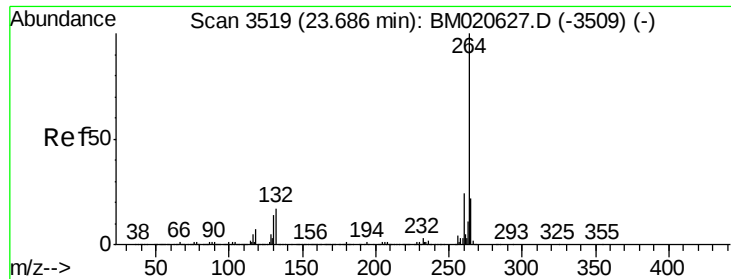
mohammad
6/6/2019 11:22:09 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 61.897 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.04 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.8	29.8
277	25.4	20.2	30.4





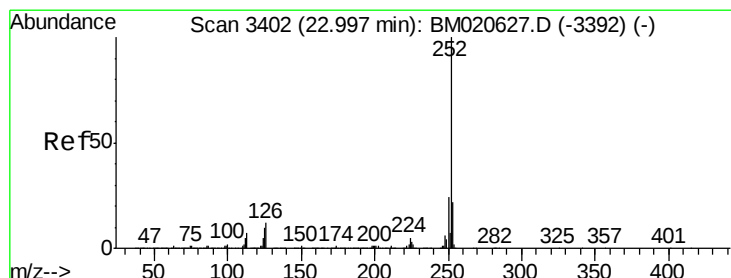
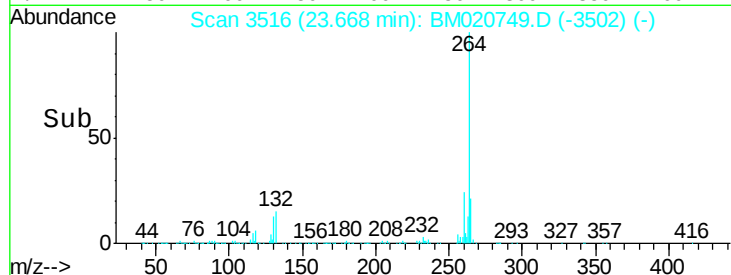
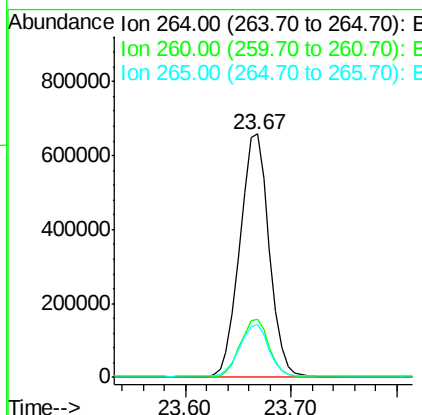
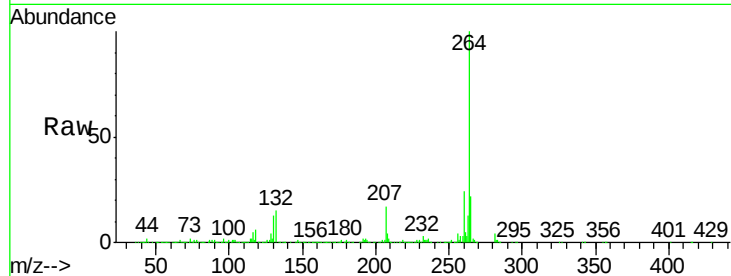
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.6	26.4

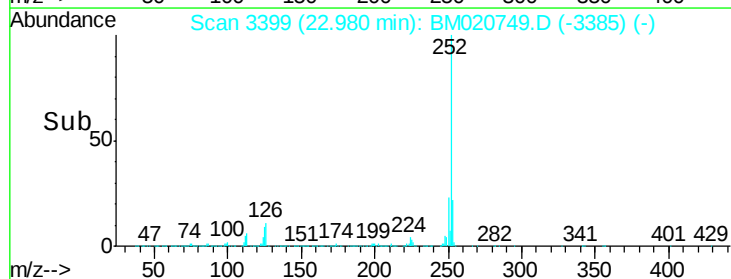
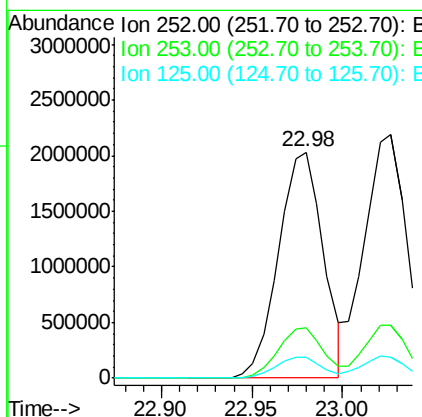
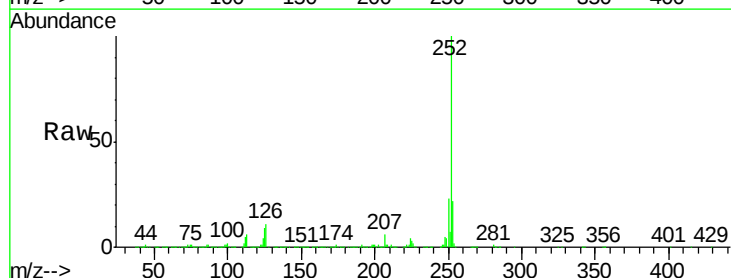
Manual Integrations
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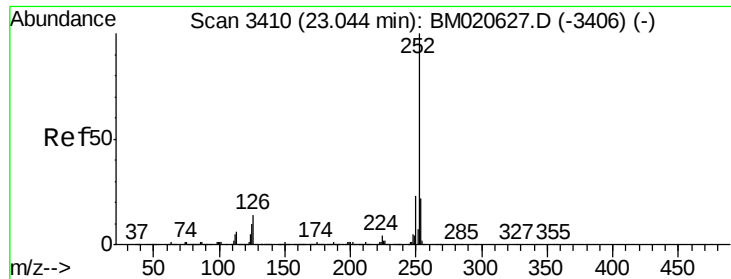
mohammad
6/6/2019 11:22:09 AM



#88
Benzo(b)fluoranthene
Concen: 41.641 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.0	7.8	11.8





#89

Benzo(k)fluoranthene

Concen: 43.525 ng

RT: 23.03 min Scan# 3407

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

Instrument :

BNA_M

ClientSampleId :

IDOC-04-RC

Tot Ion:252 Resp: 3580808

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

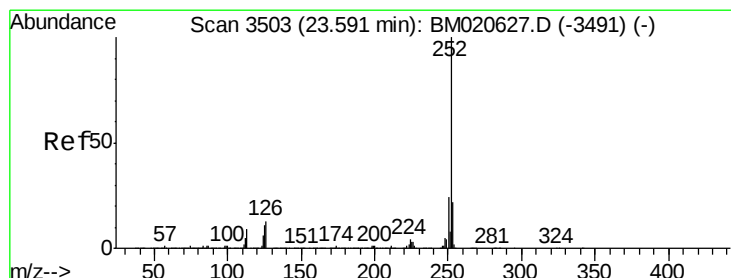
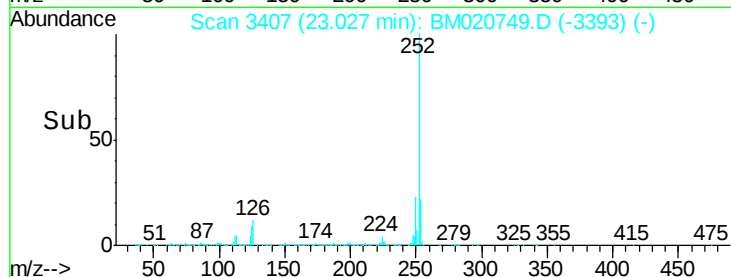
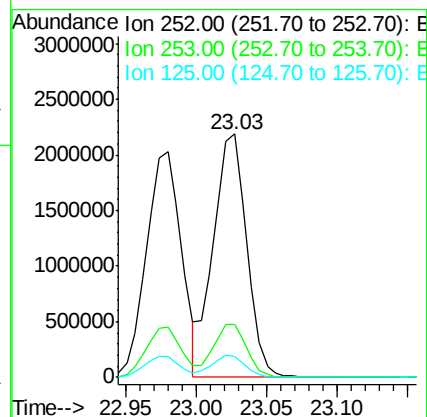
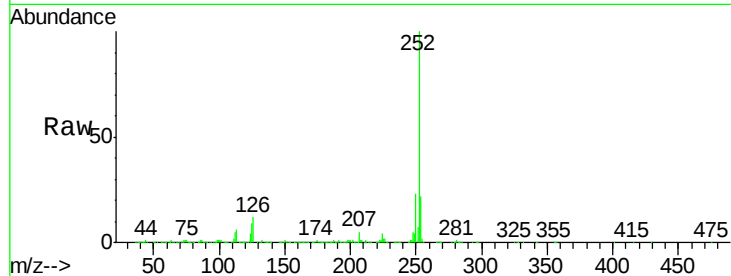
125 8.7 7.8 11.8

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#90

Benzo(a)pyrene

Concen: 46.640 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM020749.D

Acq: 05 Jun 2019 22:49

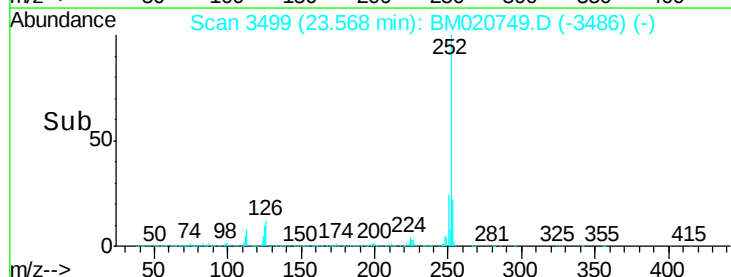
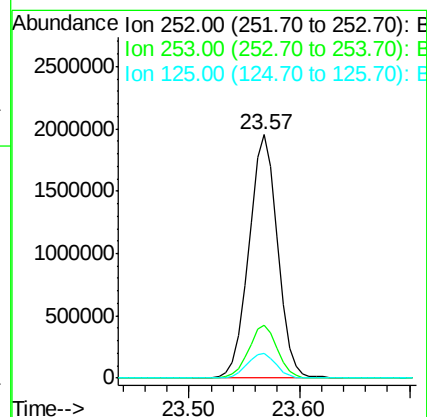
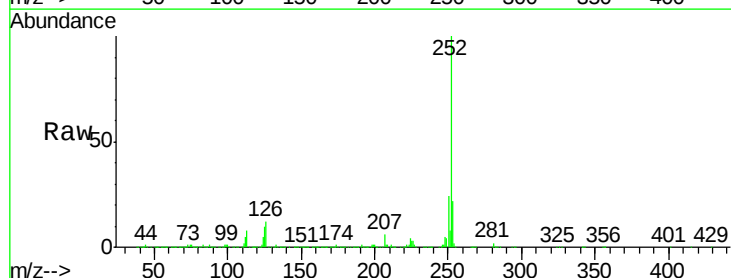
Tgt Ion:252 Resp: 3561433

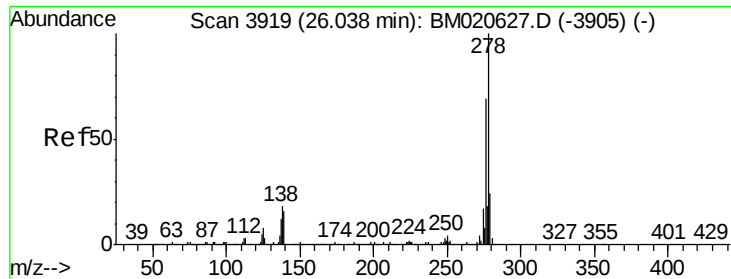
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.1 8.6 13.0





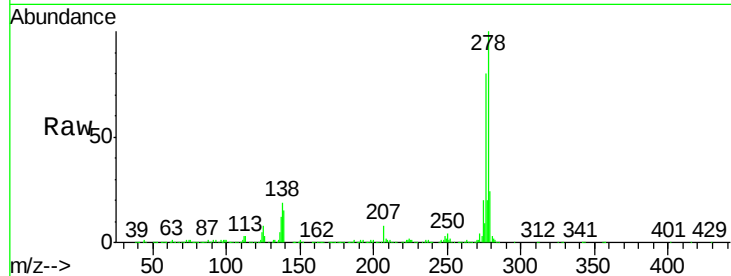
#91
Dibenzo(a,h)anthracene
Concen: 53.080 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Instrument :
BNA_M
ClientSampleId :
IDOC-04-RC

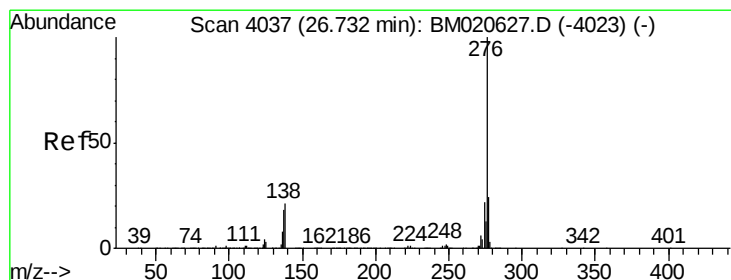
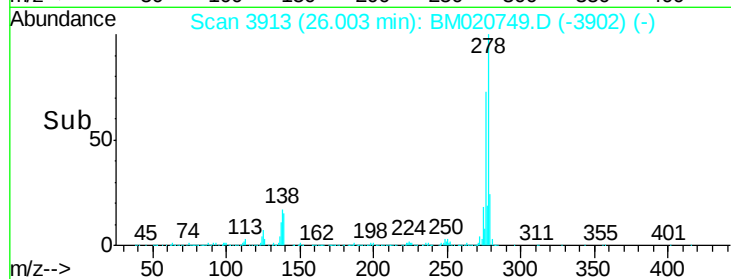
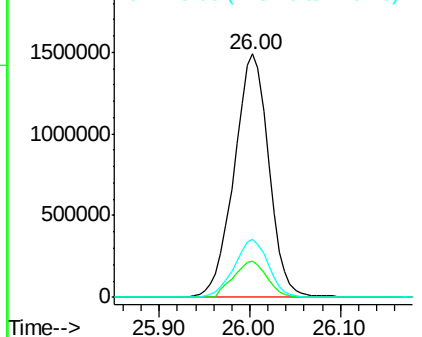
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.6	18.8
279	24.0	19.0	28.6

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.450 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020749.D
Acq: 05 Jun 2019 22:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	19.8	17.0	25.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

