

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020748.D
 Acq On : 05 Jun 2019 22:13
 Operator : HP/JU
 Sample : IDOC-03-RC
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-03-RC

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:22:06 AM

Quant Time: Jun 06 03:42:29 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	361058	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1402176	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	740730	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1404333	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1136335	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1283434	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	2858293	139.26	ng	-0.01
7) Phenol-d6	6.99	99	3712778	122.85	ng	0.00
23) Nitrobenzene-d5	8.99	82	2227842	82.32	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1260732	137.37	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4972360	89.24	ng	-0.01
79) Terphenyl-d14	19.83	244	5385414	79.27	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	328946	39.143	ng	95
3) Pyridine	3.74	79	944704	35.333	ng	97
4) n-Nitrosodimethylamine	3.66	42	427956	37.130	ng	92
6) Aniline	7.16	93	1328853	30.387	ng	98
8) 2-Chlorophenol	7.39	128	1109872	43.465	ng	98
9) Benzaldehyde	6.97	77	332031	15.187	ng	96
10) Phenol	7.02	94	1355761	41.626	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	995321	38.345	ng	95
12) 1,3-Dichlorobenzene	7.71	146	1158028	39.460	ng	97
13) 1,4-Dichlorobenzene	7.86	146	1181713	39.610	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1132212	38.997	ng	99
15) Benzyl Alcohol	8.06	79	978358	36.591	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1340647	33.454	ng	99
17) 2-Methylphenol	8.26	107	902822	39.420	ng	98
18) Hexachloroethane	8.89	117	427710	37.445	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	812813	33.456	ng	97
20) 3+4-Methylphenols	8.59	107	1194848	38.345	ng	97
22) Acetophenone	8.65	105	1539322	43.215	ng	97
24) Nitrobenzene	9.03	77	1198515	43.381	ng	97
25) Isophorone	9.55	82	2113262	39.256	ng	99
26) 2-Nitrophenol	9.73	139	533231	51.787	ng	97
27) 2,4-Dimethylphenol	9.79	122	967381	50.138	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1310681	40.268	ng	100
29) 2,4-Dichlorophenol	10.26	162	1007206	47.183	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1110787	45.254	ng	98
31) Naphthalene	10.66	128	3163285	43.871	ng	99
32) Benzoic acid	9.93	122	541345m	44.942	ng	
33) 4-Chloroaniline	10.77	127	534308	15.922	ng	96
34) Hexachlorobutadiene	10.94	225	650958	44.200	ng	99
35) Caprolactam	11.57	113	272960m	36.807	ng	
36) 4-Chloro-3-methylphenol	11.89	107	1003435	40.430	ng	99
37) 2-Methylnaphthalene	12.27	142	2273239	42.534	ng	99
38) 1-Methylnaphthalene	12.49	142	2149452	42.237	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1195654	49.256	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1502099	103.465	ng	99
43) 2,4,6-Trichlorophenol	12.88	196	756300	48.403	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	796525	49.378	ng	95
46) 1,1'-Biphenyl	13.29	154	2838104	45.877	ng	99
47) 2-Chloronaphthalene	13.33	162	2196582	43.994	ng	98
48) 2-Nitroaniline	13.54	65	600987	38.350	ng	92
49) Acenaphthylene	14.18	152	3420754	43.909	ng	100
50) Dimethylphthalate	13.92	163	2559534	40.445	ng	99
51) 2,6-Dinitrotoluene	14.04	165	557660	43.398	ng	89
52) Acenaphthene	14.52	154	1989418	42.851	ng	98
53) 3-Nitroaniline	14.37	138	351575	24.513	ng	95
54) 2,4-Dinitrophenol	14.57	184	466302	83.957	ng	91
55) Dibenzofuran	14.86	168	3111294	43.149	ng	97
56) 4-Nitrophenol	14.67	139	852712	80.679	ng	91
57) 2,4-Dinitrotoluene	14.83	165	718696	41.772	ng	94
58) Fluorene	15.51	166	2447357	41.273	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	660470	46.987	ng	95
60) Diethylphthalate	15.29	149	2449623	37.532	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1307091	41.632	ng	94
62) 4-Nitroaniline	15.53	138	509191	33.475	ng	93
63) Azobenzene	15.80	77	2311242	36.937	ng	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	286411	45.407	ng	93
66) n-Nitrosodiphenylamine	15.72	169	2066292	45.963	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	756030	45.724	ng	95
68) Hexachlorobenzene	16.50	284	861764	44.633	ng	94
69) Atrazine	16.67	200	639604	47.670	ng	100
70) Pentachlorophenol	16.85	266	961646	104.403	ng	98
71) Phenanthrene	17.24	178	3422140	42.990	ng	99
72) Anthracene	17.33	178	3470139	43.555	ng	100
73) Carbazole	17.61	167	2950020	40.803	ng	99
74) Di-n-butylphthalate	18.17	149	3511472	37.414	ng	100
75) Fluoranthene	19.26	202	3556099	40.171	ng	99
77) Benzidine	19.45	184	1494350	43.400	ng	100
78) Pyrene	19.62	202	3568087	40.918	ng	100
80) Butylbenzylphthalate	20.52	149	1352411	36.699	ng	95
81) Benzo(a)anthracene	21.36	228	3276991	41.411	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1060584	36.600	ng	99
83) Chrysene	21.41	228	3226344	42.892	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1851436	34.568	ng	99
85) Di-n-octyl phthalate	22.19	149	3040474	35.757	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4701606	61.096	ng	98
88) Benzo(b)fluoranthene	22.98	252	3697449	43.588	ng	99
89) Benzo(k)fluoranthene	23.03	252	3466222	41.813	ng	99
90) Benzo(a)pyrene	23.57	252	3598104	46.764	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3945514	52.855	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3849001	55.512	ng	98

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

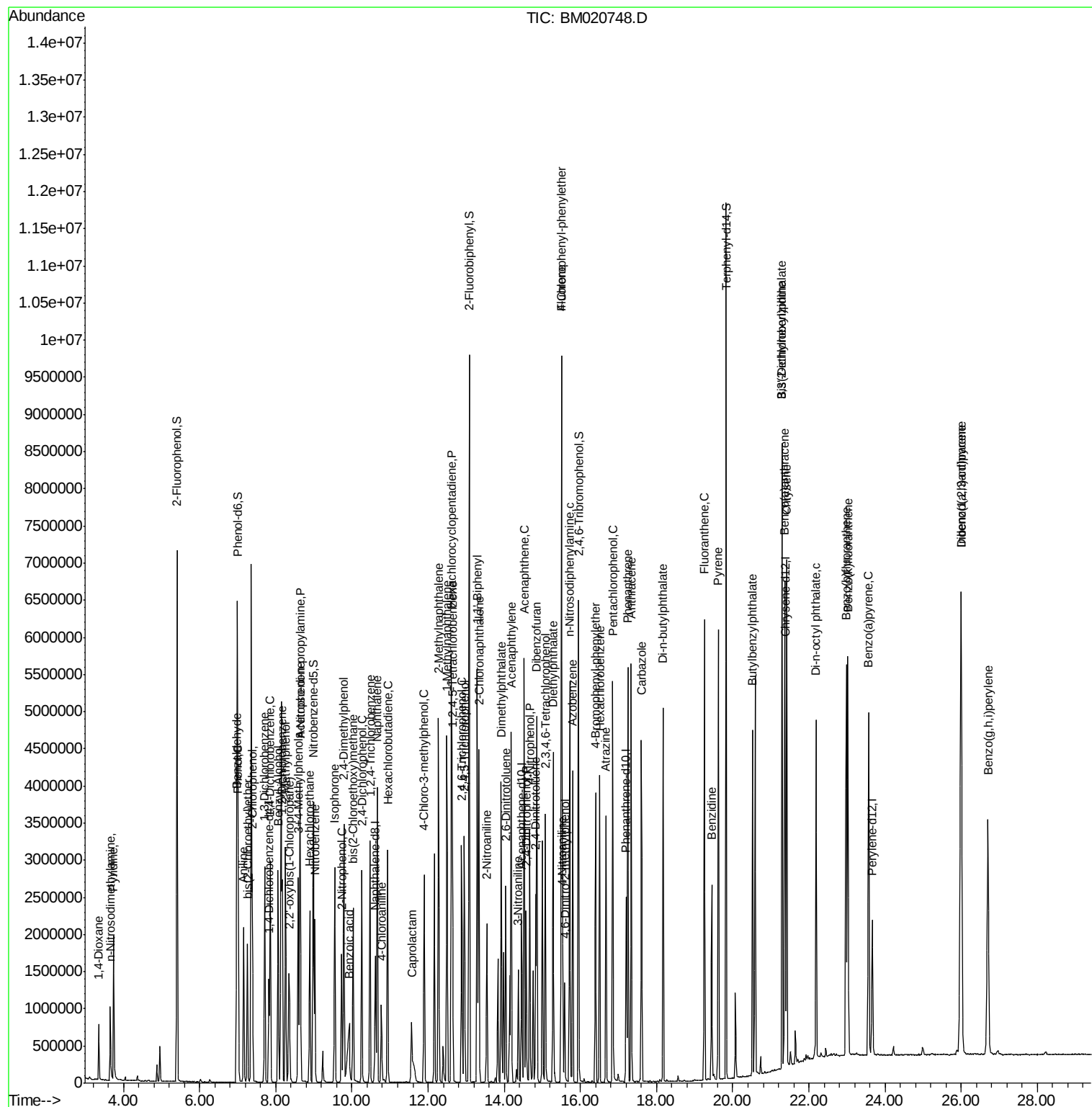
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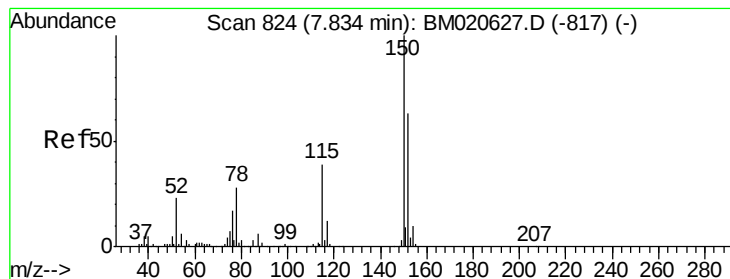
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.82 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

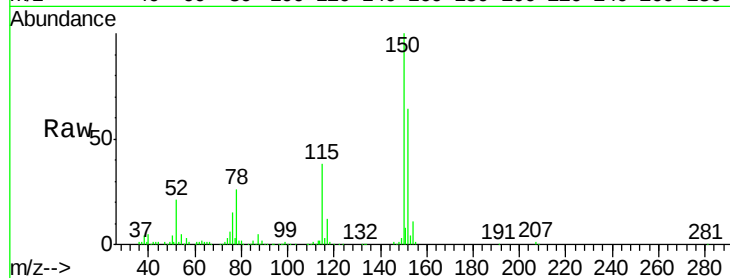
ClientSampleId :

IDOC-03-RC

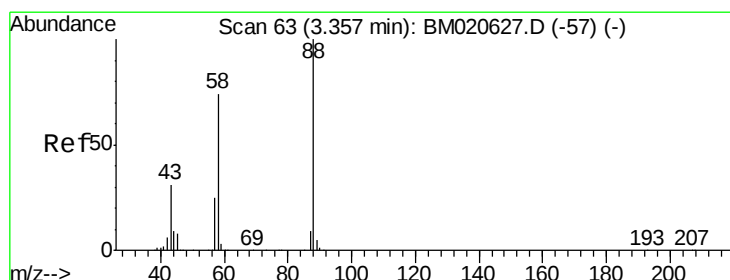
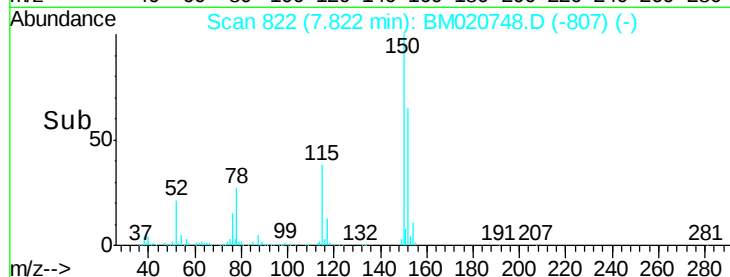
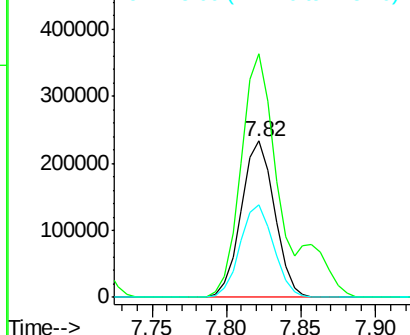
Tot Ion:	152	Resp:	361058
Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.0	189.0
115	59.1	49.6	74.4

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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: 39.143 ng

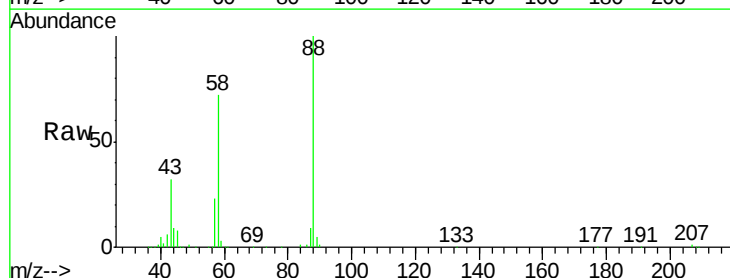
RT: 3.35 min Scan# 62

Delta R.T. -0.01 min

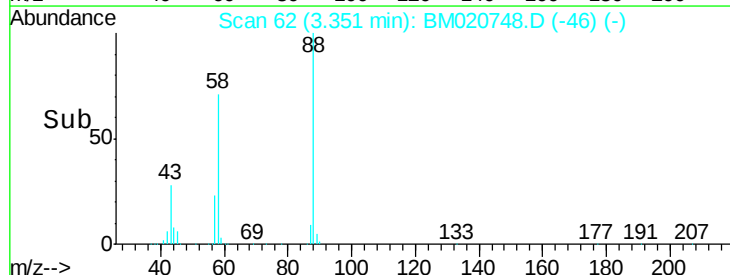
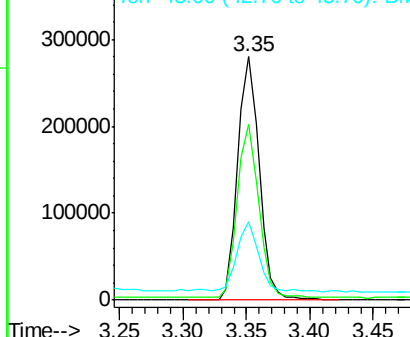
Lab File: BM020748.D

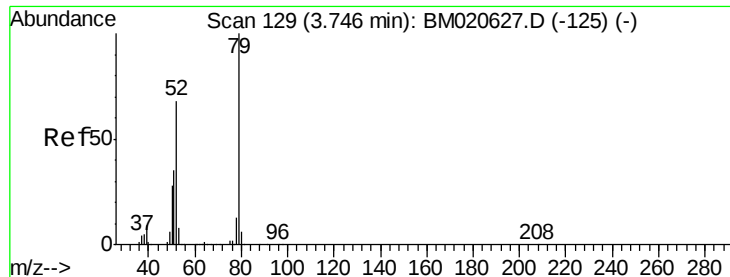
Acq: 05 Jun 2019 22:13

Tgt Ion:	88	Resp:	328946
Ion	Ratio	Lower	Upper
88	100		
58	70.8	60.2	90.4
43	29.4	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: 35.333 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

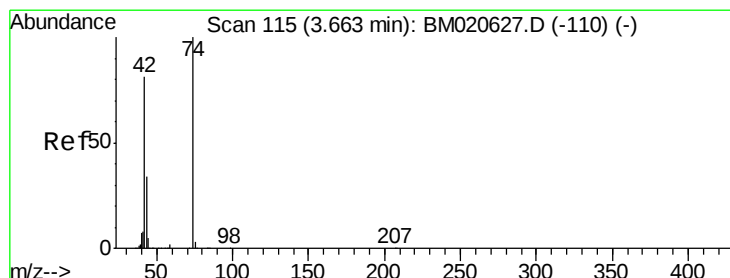
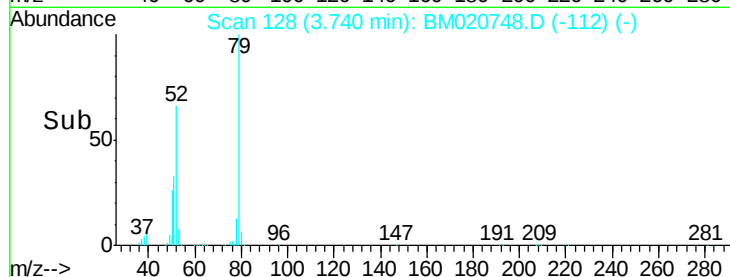
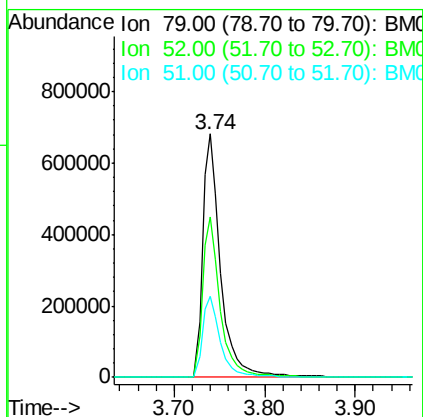
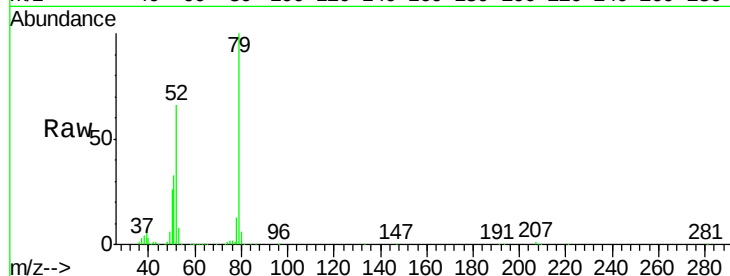
ClientSampleId :

IDOC-03-RC

Tot Ion:	79	Resp:	944704
Ion Ratio	Lower	Upper	
79	100		
52	66.0	54.1	81.1
51	33.3	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 37.130 ng

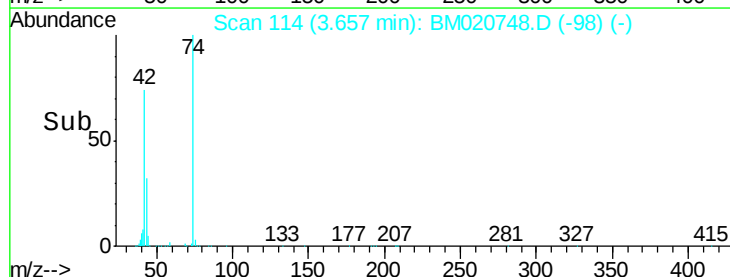
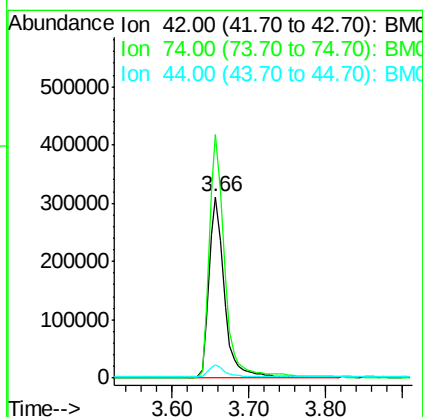
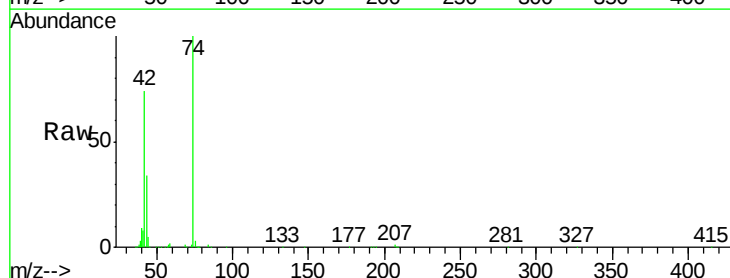
RT: 3.66 min Scan# 114

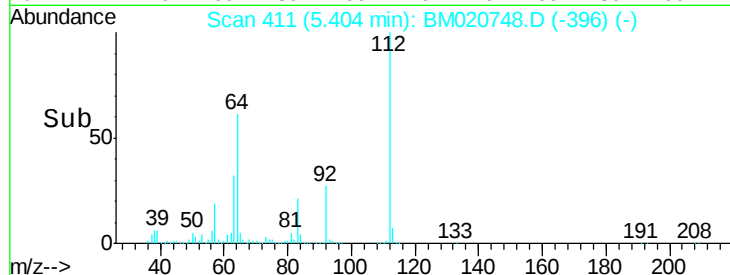
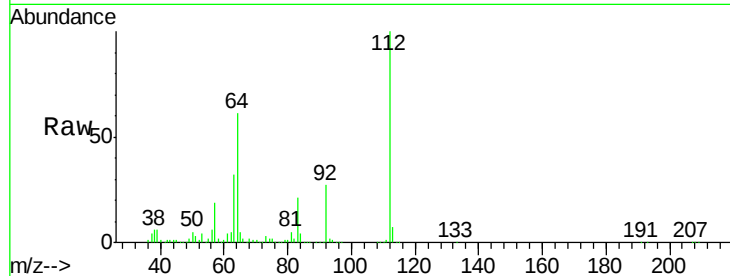
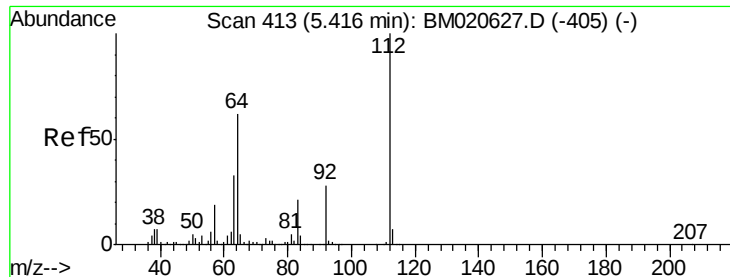
Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Tgt Ion:	42	Resp:	427956
Ion Ratio	Lower	Upper	
42	100		
74	134.4	99.4	149.0
44	7.1	5.8	8.8





#5

2-Fluorophenol

Concen: 139.255 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Tot Ion:	112	Resp:	2858293
Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.7	74.5
63	32.3	26.4	39.6

Instrument :

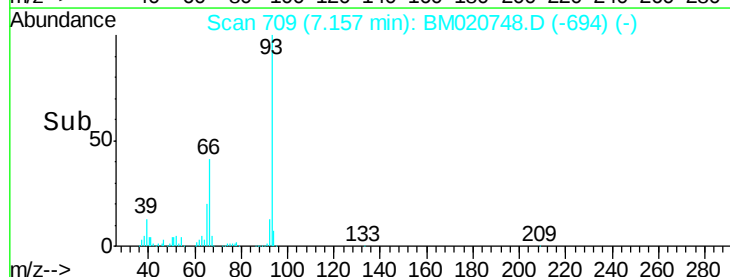
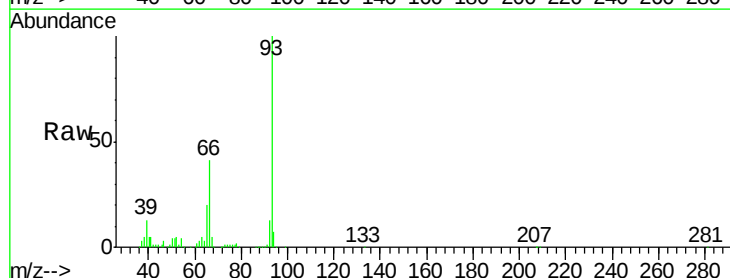
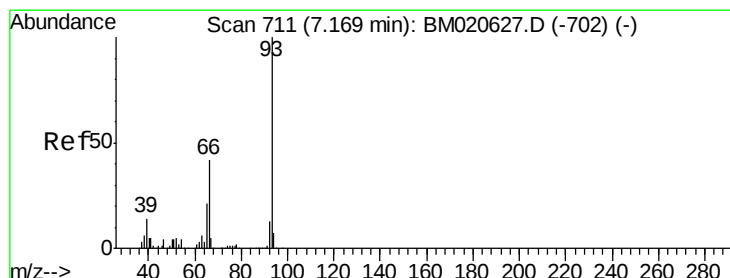
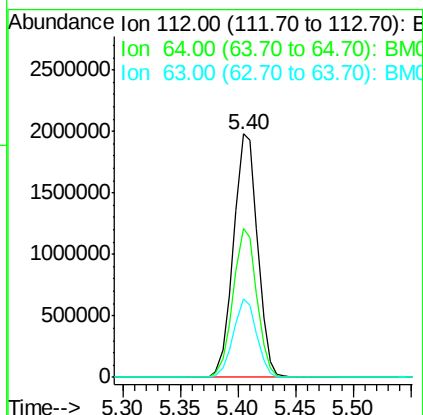
BNA_M

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#6

Aniline

Concen: 30.387 ng

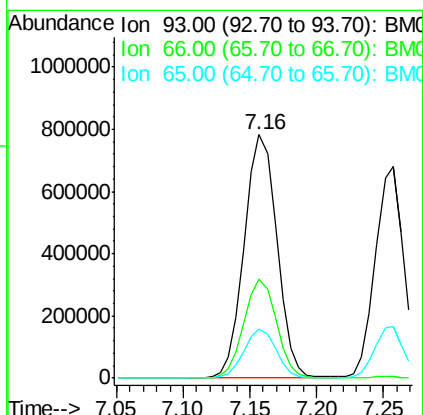
RT: 7.16 min Scan# 709

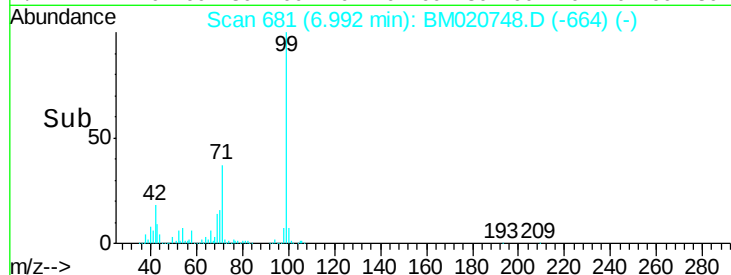
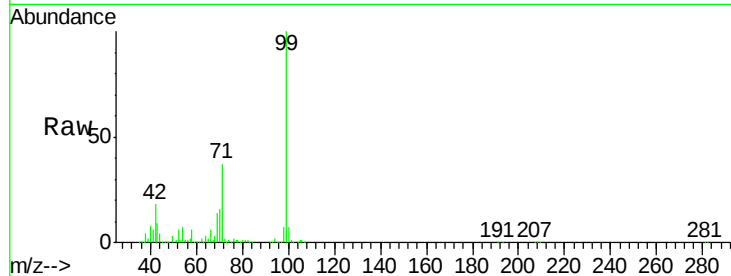
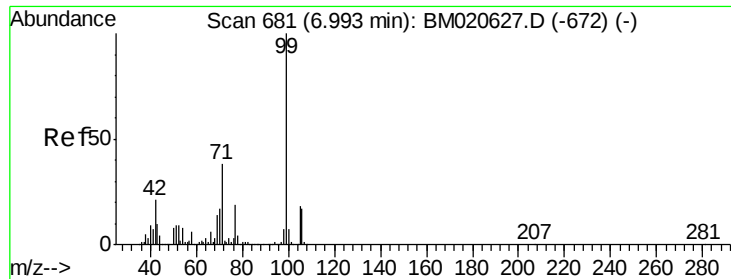
Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Tgt Ion:	93	Resp:	1328853
Ion	Ratio	Lower	Upper
93	100		
66	40.6	33.6	50.4
65	20.3	16.7	25.1





#7

Phenol-d6

Concen: 122.846 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Tot Ion: 99 Resp: 3712778

Ion Ratio Lower Upper

99 100

42 18.5 16.5 24.7

71 37.4 30.7 46.1

Instrument :

BNA_M

ClientSampled :

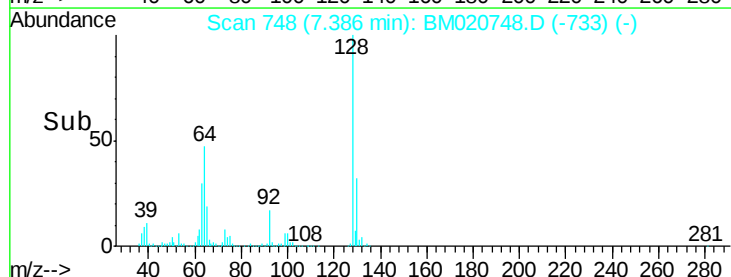
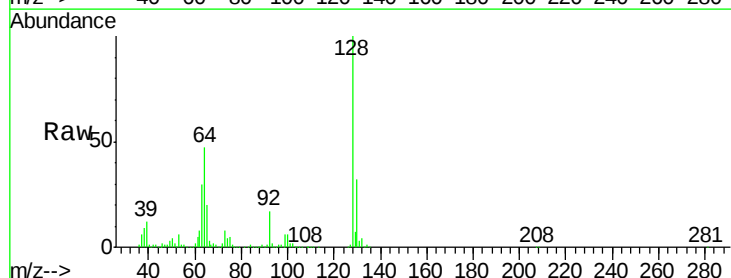
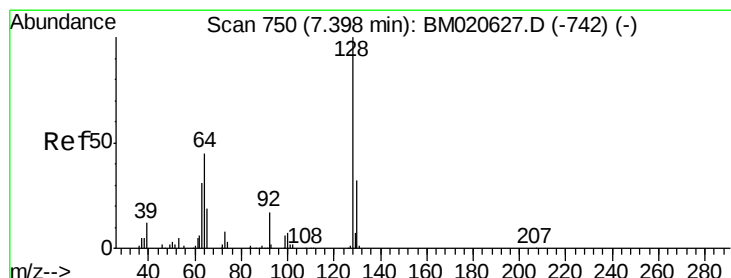
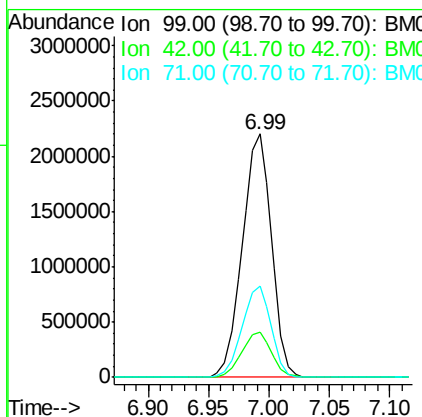
IDOC-03-RC

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#8

2-Chlorophenol

Concen: 43.465 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

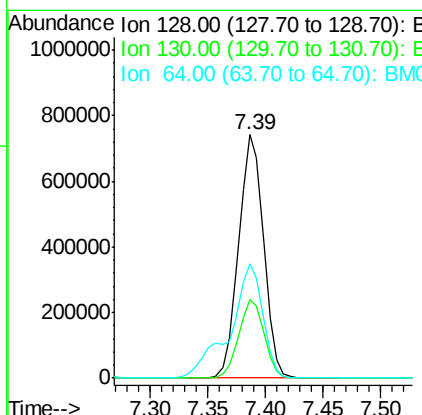
Tgt Ion:128 Resp: 1109872

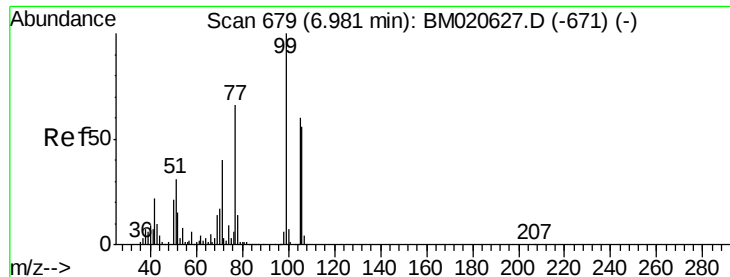
Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

64 47.1 29.1 69.1





#9

Benzaldehyde

Concen: 15.187 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

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Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

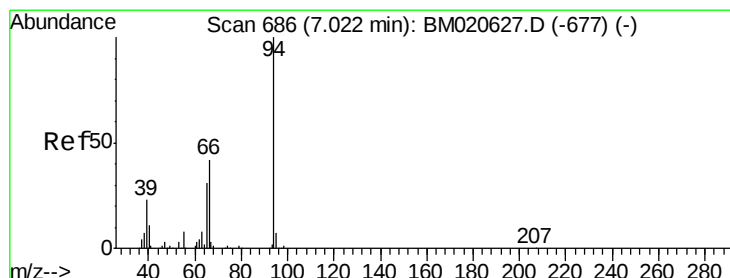
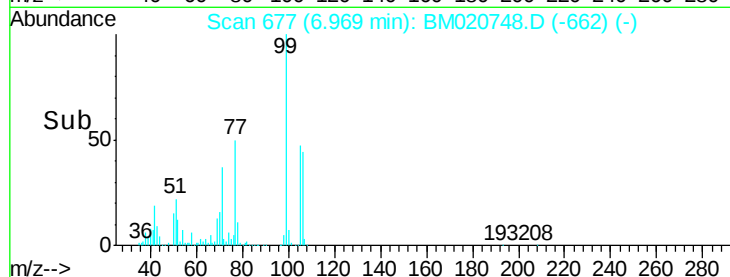
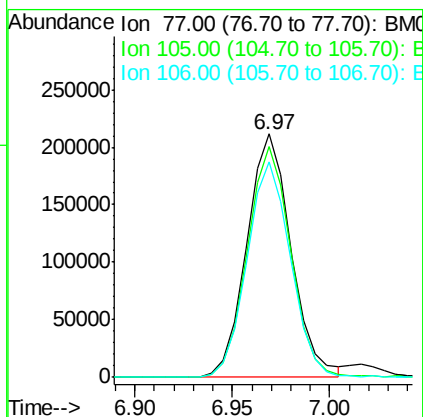
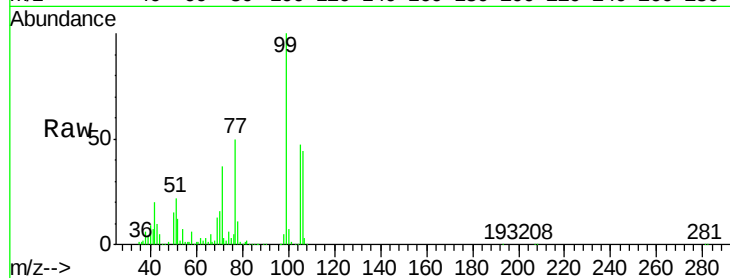
ClientSampled :

IDOC-03-RC

Tot Ion:	77	Resp:	332031
Ion	Ratio	Lower	Upper
77	100		
105	94.7	70.6	110.6
106	88.6	64.9	104.9

Manual Integrations
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#10

Phenol

Concen: 41.626 ng

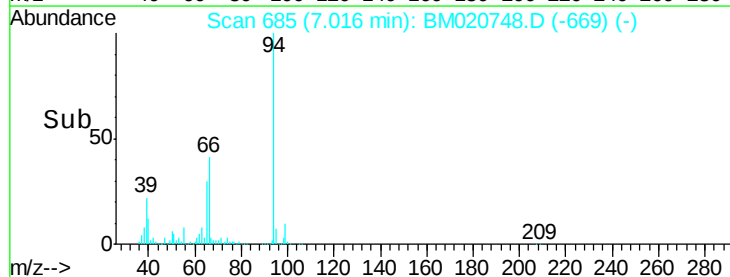
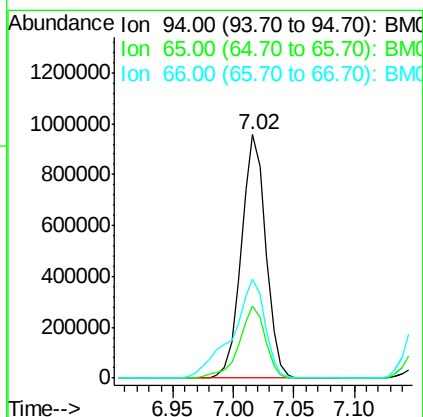
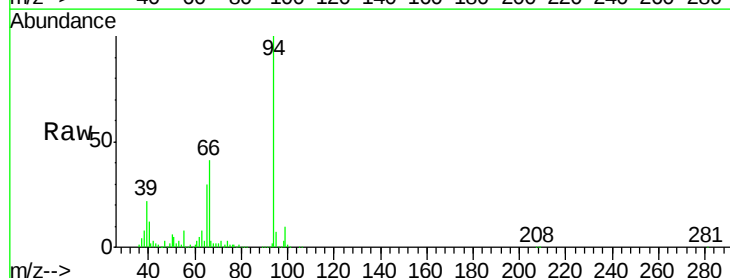
RT: 7.02 min Scan# 685

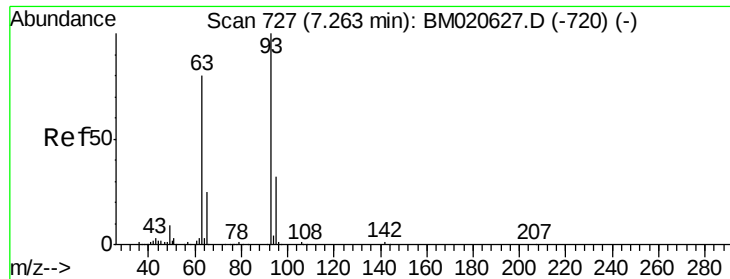
Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Tgt Ion:	94	Resp:	1355761
Ion	Ratio	Lower	Upper
94	100		
65	29.8	10.7	50.7
66	40.6	22.3	62.3





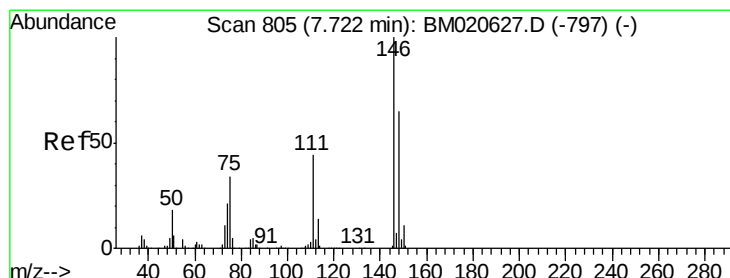
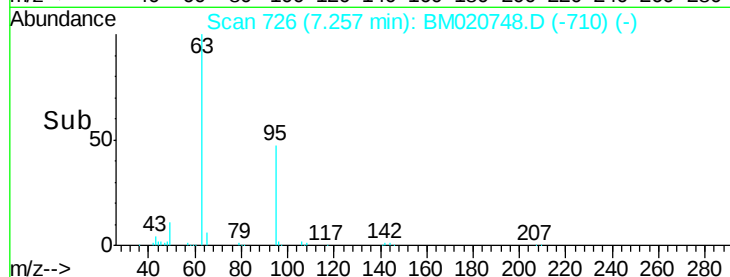
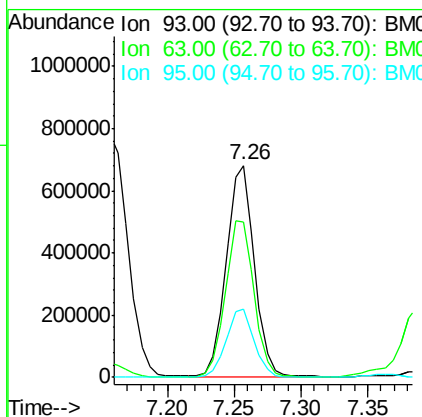
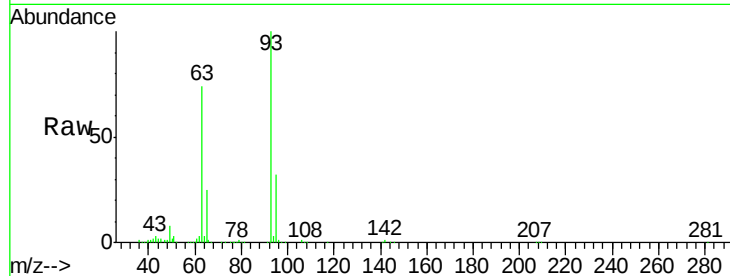
#11
bis(2-Chloroethyl)ether
Concen: 38.345 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleID :
IDOC-03-RC

Tot Ion	Ratio	Resp	Lower	Upper
93	100	995321		
63	73.6	60.0	100.0	
95	32.3	12.2	52.2	

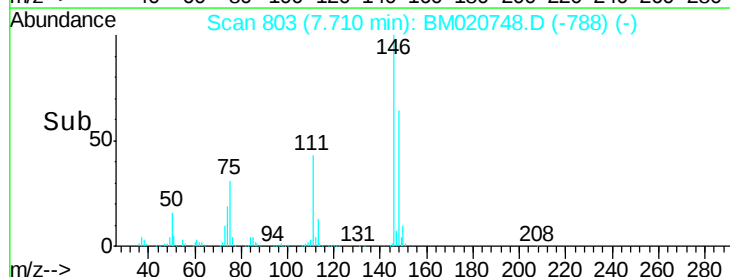
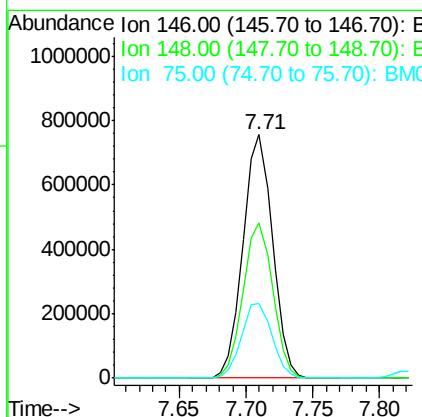
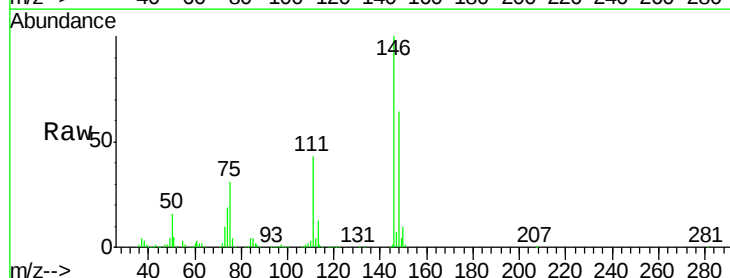
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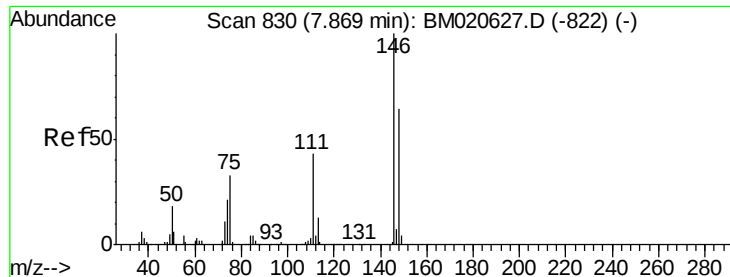
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#12
1,3-Dichlorobenzene
Concen: 39.460 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1158028		
148	64.0	52.0	78.0	
75	30.8	27.0	40.4	





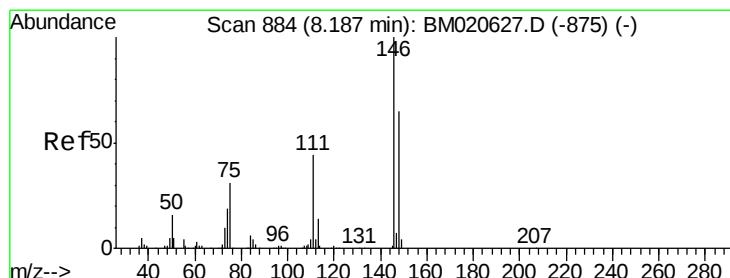
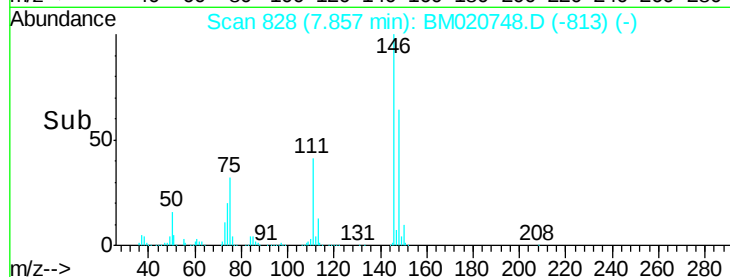
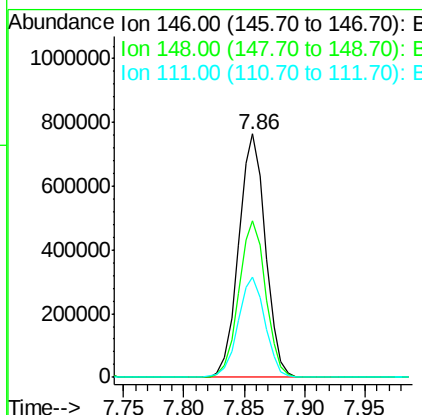
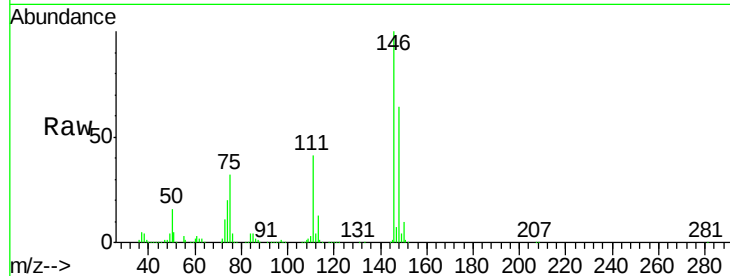
#13
 1,4-Dichlorobenzene
 Concen: 39.610 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
111	41.3	34.4	51.6

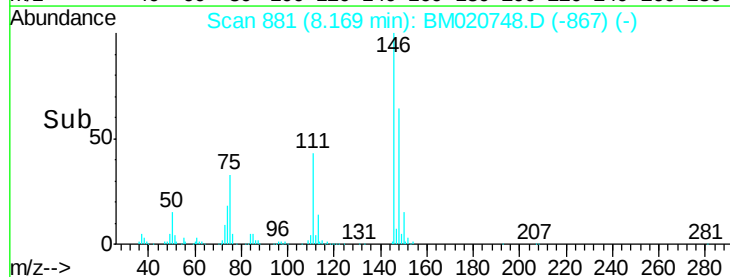
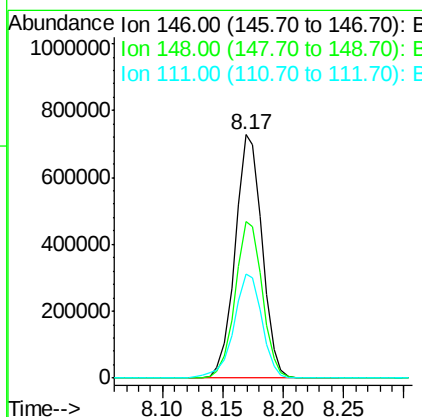
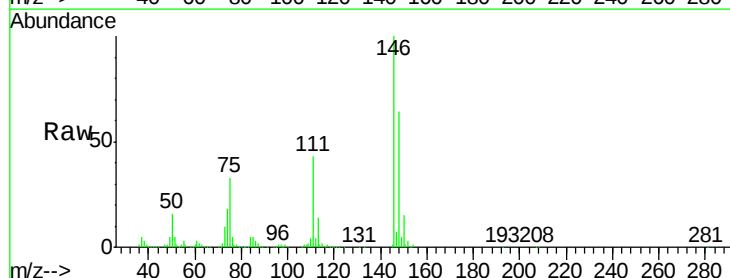
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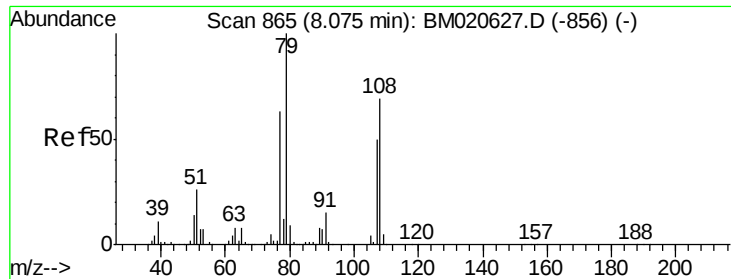
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#14
 1,2-Dichlorobenzene
 Concen: 38.997 ng
 RT: 8.17 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
111	42.9	35.1	52.7





#15

Benzyl Alcohol

Concen: 36.591 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

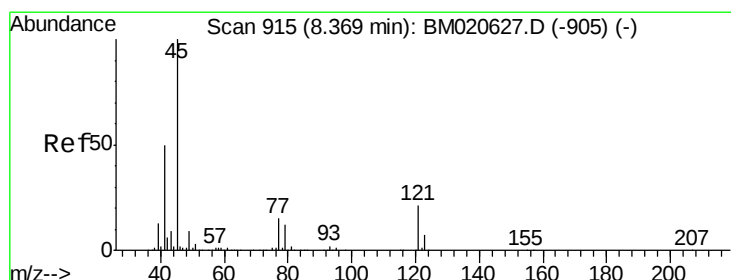
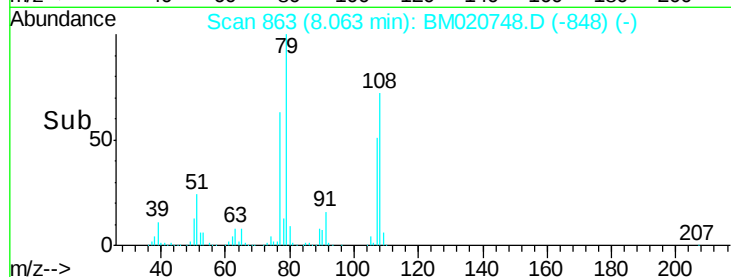
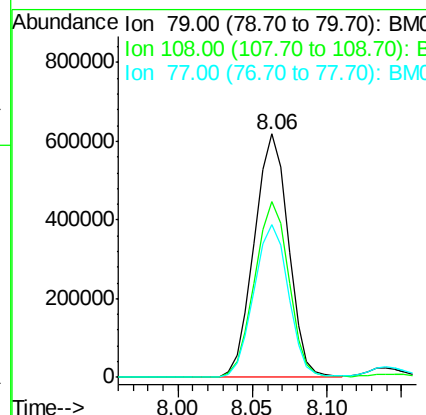
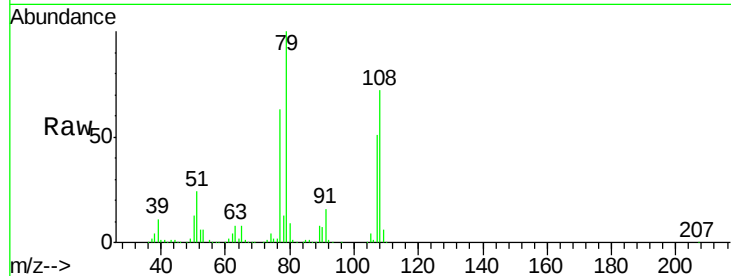
ClientSampleId :

IDOC-03-RC

Tot Ion:	79	Resp:	978358
Ion Ratio	Lower	Upper	
79	100		
108	72.3	54.9	82.3
77	62.8	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.454 ng

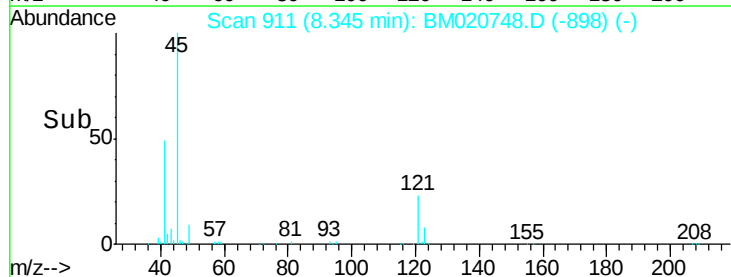
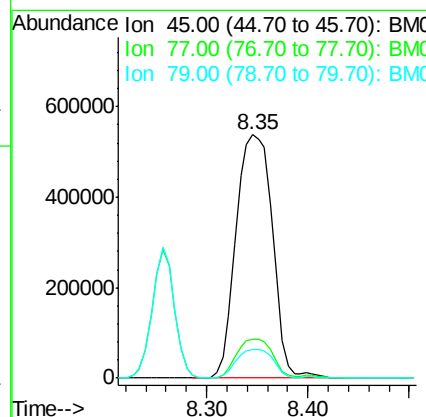
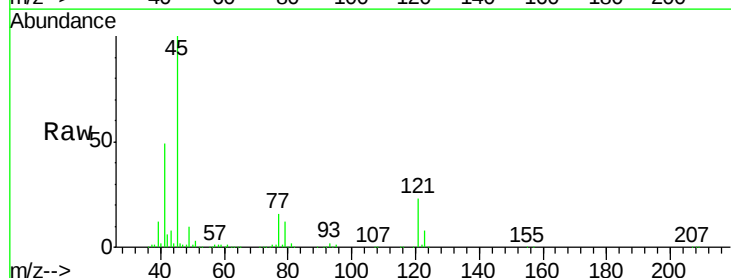
RT: 8.35 min Scan# 911

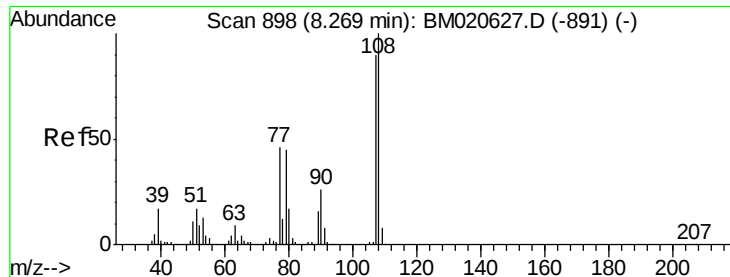
Delta R.T. -0.02 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Tgt Ion:	45	Resp:	1340647
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	34.9
79	11.7	0.0	31.8





#17

2-Methylphenol

Concen: 39.420 ng

RT: 8.26 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

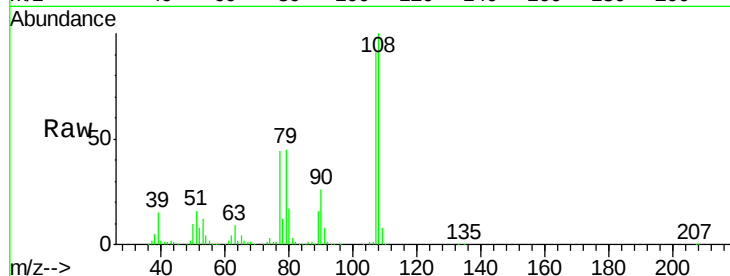
ClientSampleId :

IDOC-03-RC

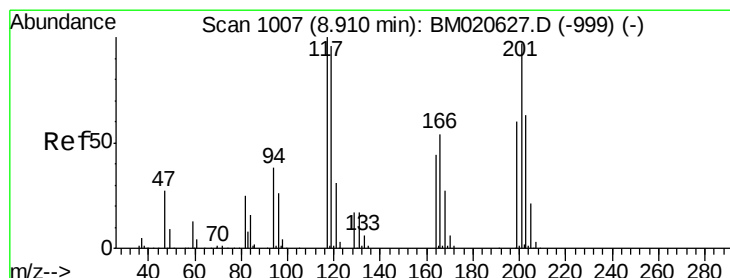
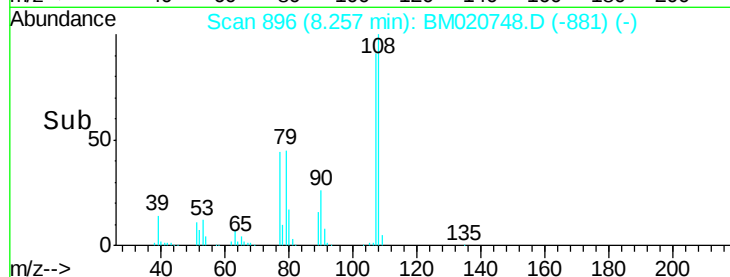
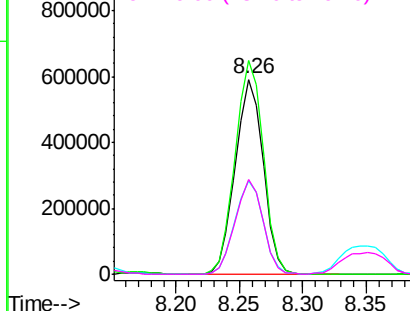
Tot Ion:	107	Resp:	902822
Ion Ratio	Lower	Upper	
107	100		
108	109.7	88.6	133.0
77	48.3	40.6	61.0
79	48.8	39.9	59.9

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 37.445 ng

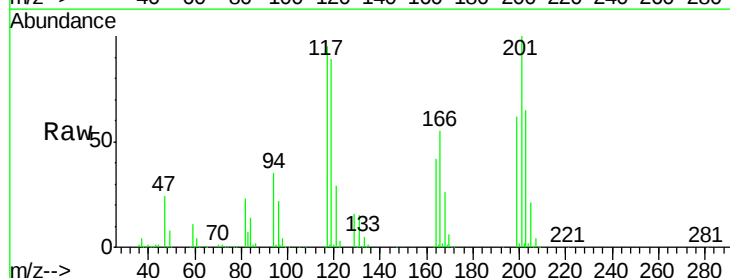
RT: 8.89 min Scan# 1004

Delta R.T. -0.02 min

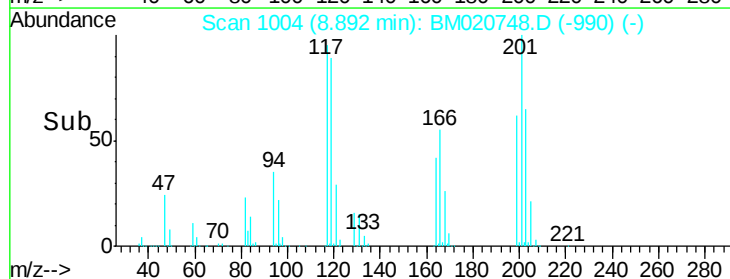
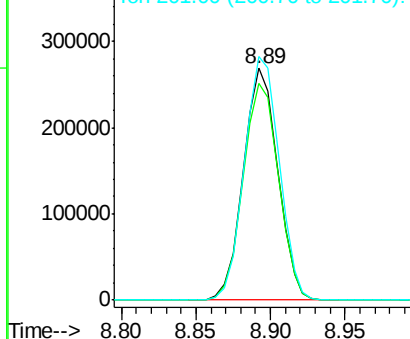
Lab File: BM020748.D

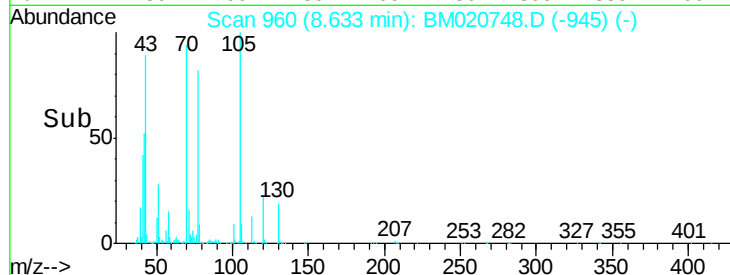
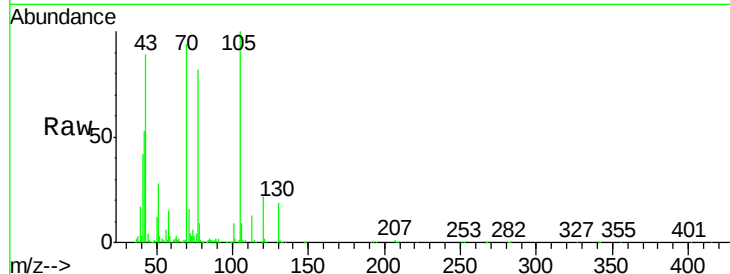
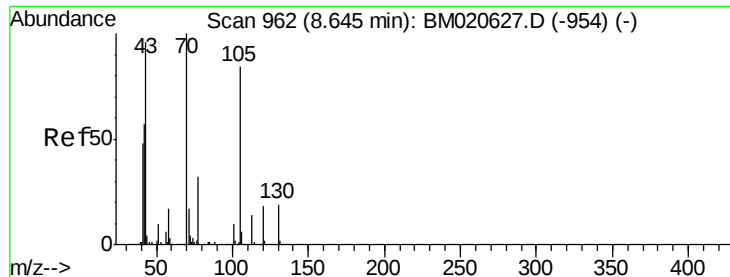
Acq: 05 Jun 2019 22:13

Tgt Ion:	117	Resp:	427710
Ion Ratio	Lower	Upper	
117	100		
119	93.5	76.7	115.1
201	104.9	77.9	116.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





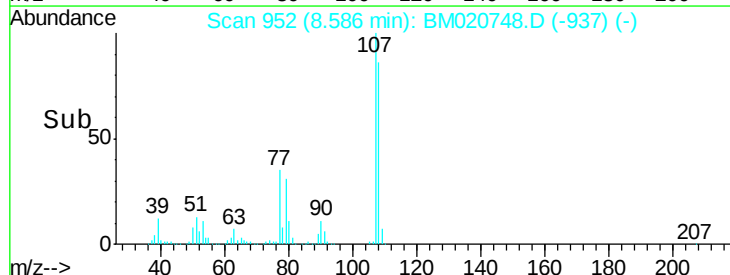
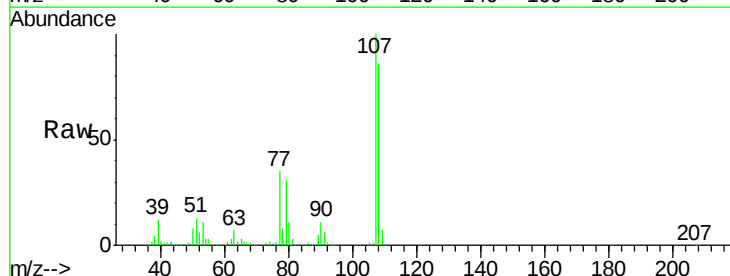
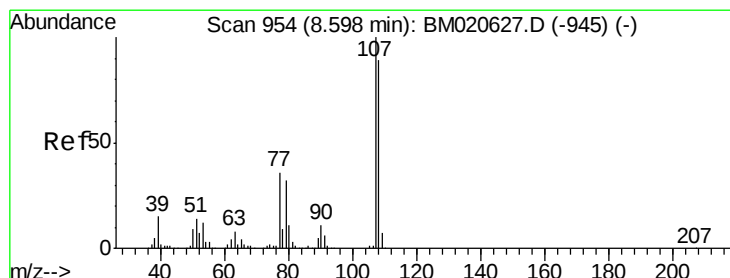
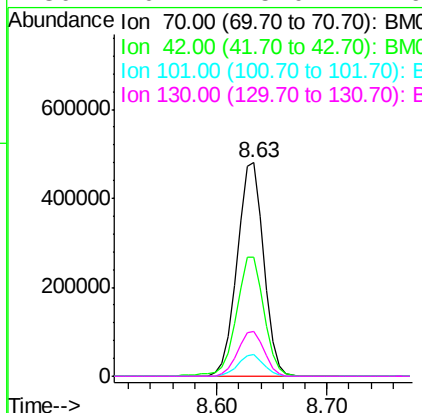
#19
n-Nitroso-di-n-propylamine
Concen: 33.456 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	46.8	70.2	
101	10.1	7.8	11.6	
130	20.7	15.0	22.6	

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

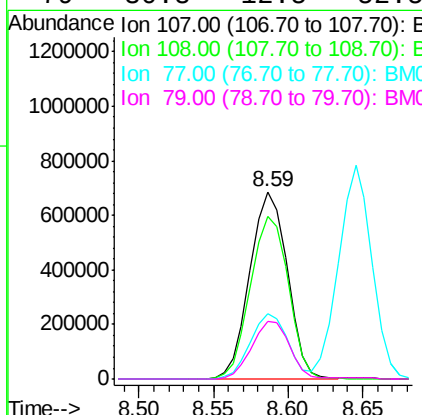
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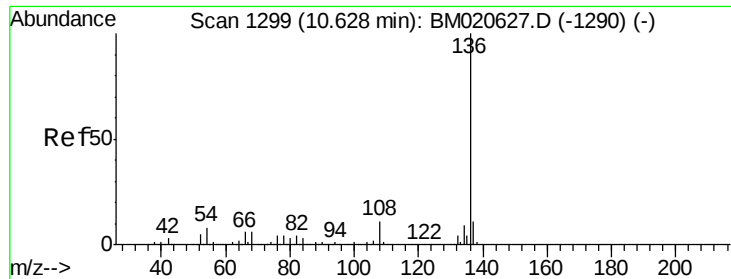
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#20
3+4-Methylphenols
Concen: 38.345 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	69.2	109.2	
77	34.8	16.2	56.2	
79	30.8	12.5	52.5	





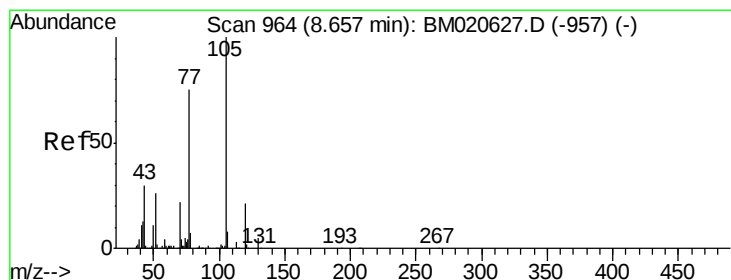
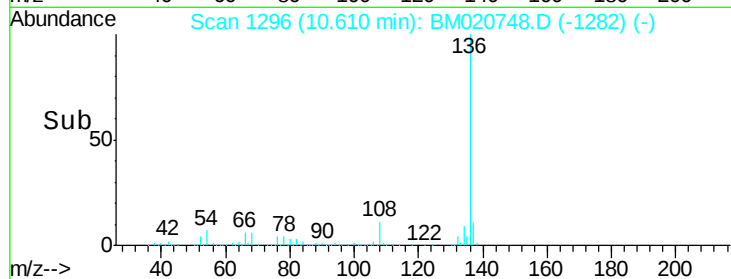
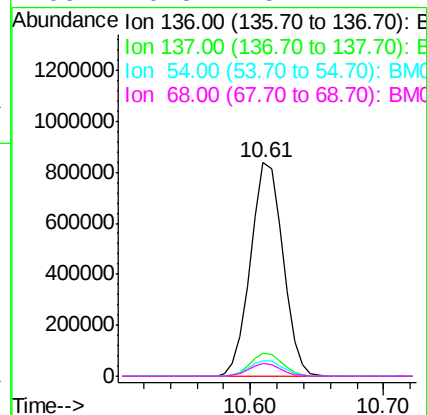
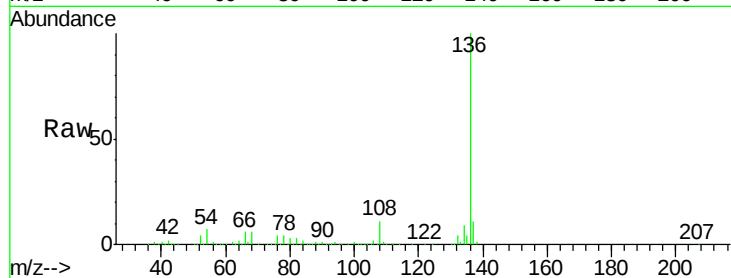
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	6.6	10.0
68	6.3	5.1	7.7

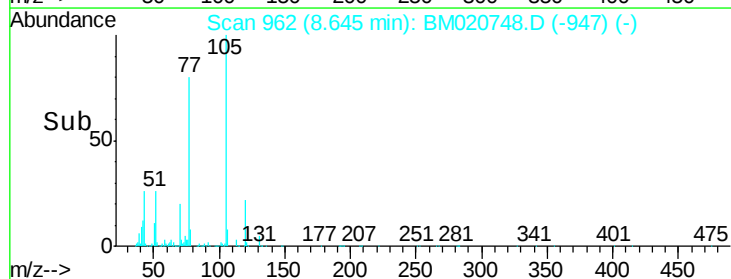
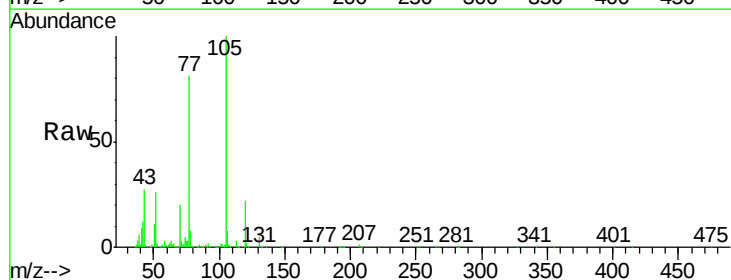
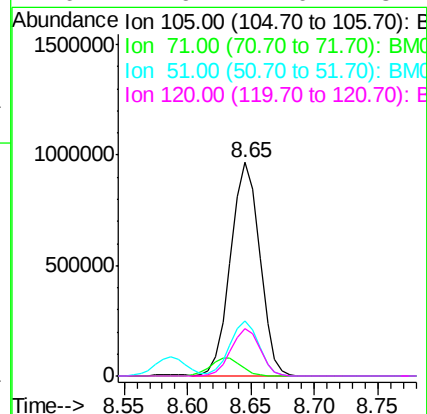
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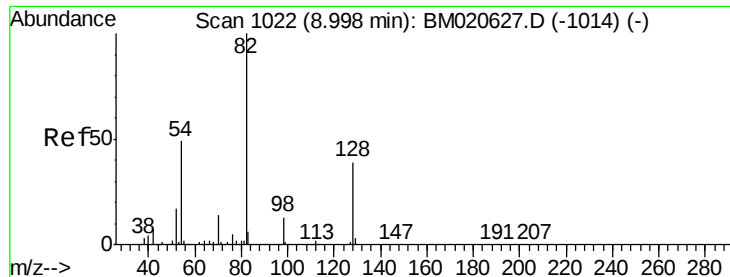
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#22
Acetophenone
Concen: 43.215 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.2	4.8
51	26.0	22.8	34.2
120	21.9	17.0	25.4





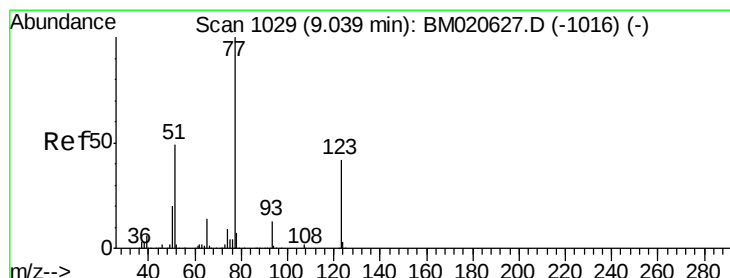
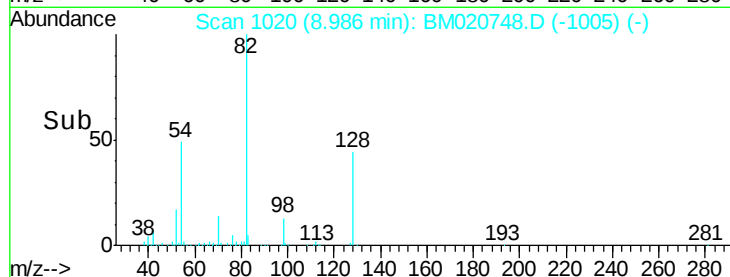
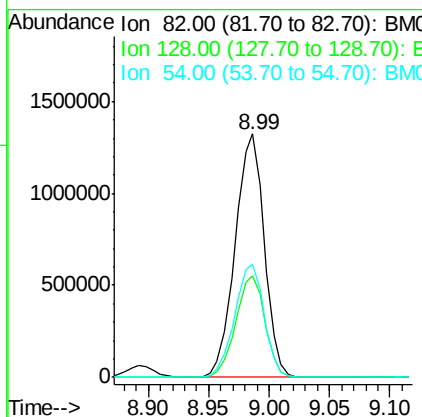
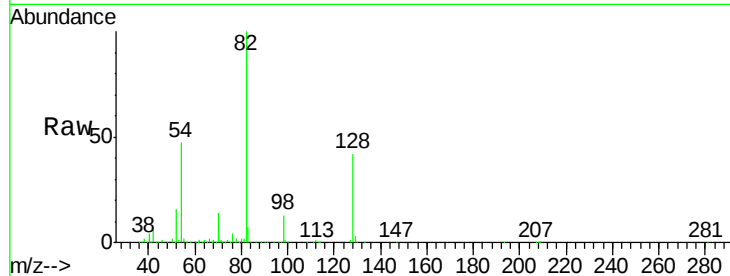
#23
 Nitrobenzene-d5
 Concen: 82.321 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-03-RC

Tot Ion	82	Resp	2227842
Ion Ratio	Lower	Upper	
82	100		
128	41.6	31.5	47.3
54	46.6	39.4	59.0

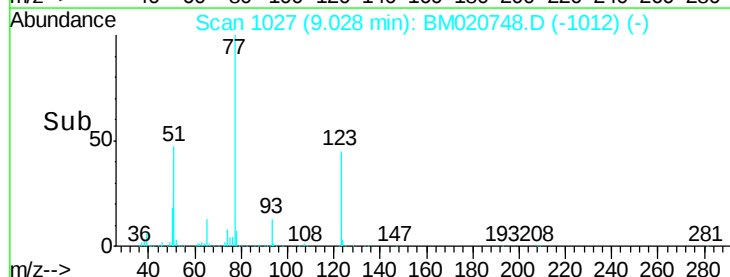
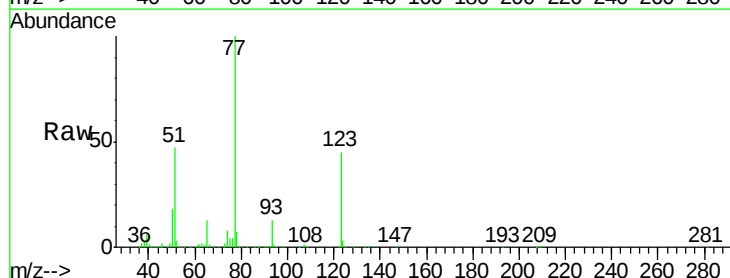
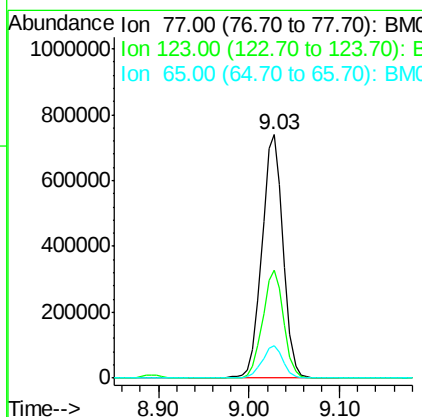
Manual Integrations
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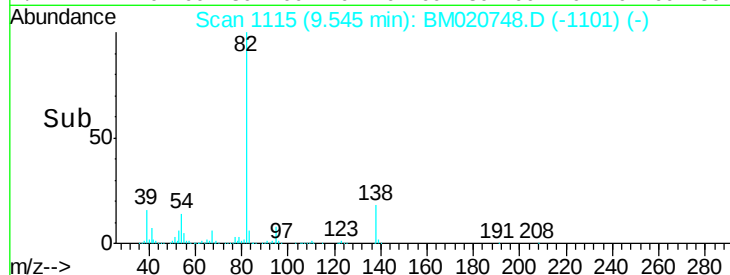
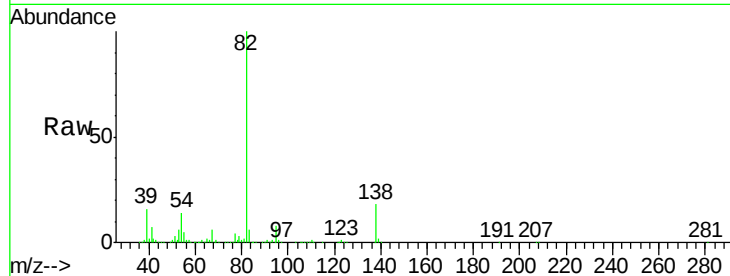
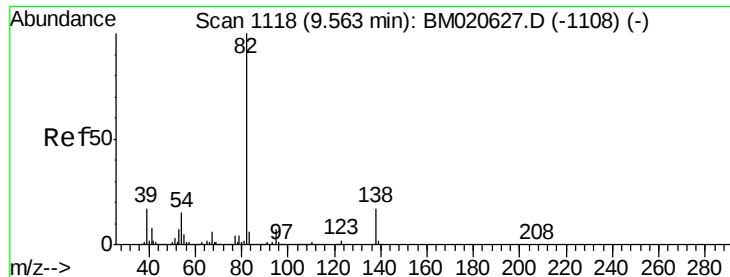
mohammad
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#24
 Nitrobenzene
 Concen: 43.381 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Tgt Ion	77	Resp	1198515
Ion Ratio	Lower	Upper	
77	100		
123	44.5	33.7	50.5
65	13.2	11.0	16.6





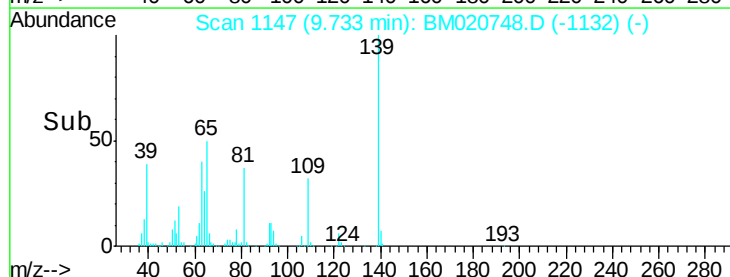
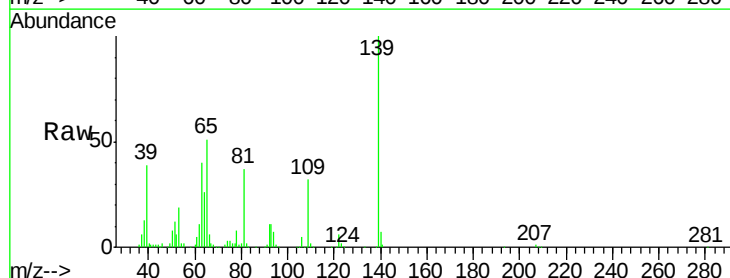
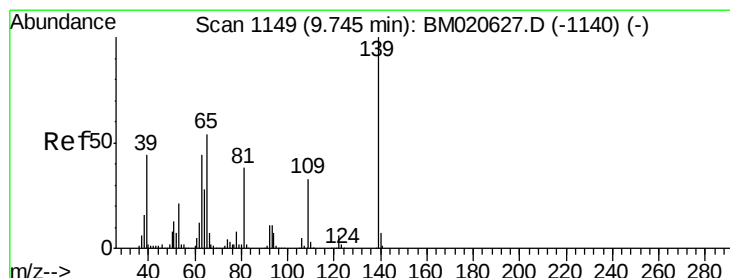
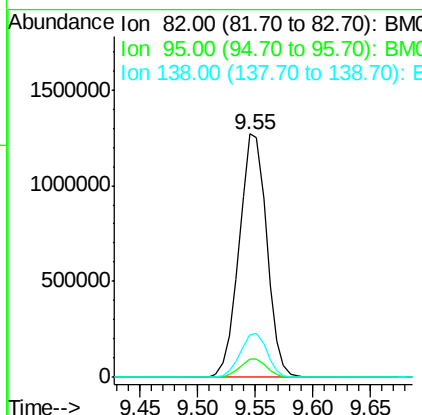
#25
Isophorone
Concen: 39.256 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.8
138	17.5	13.8	20.8

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

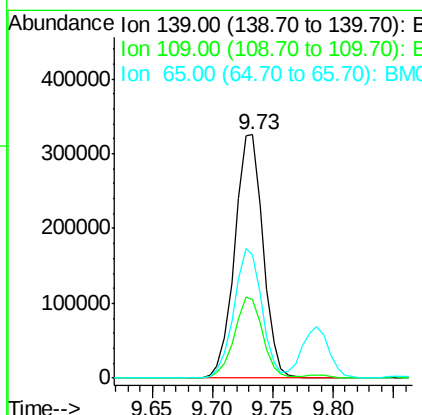
Manual Integrations
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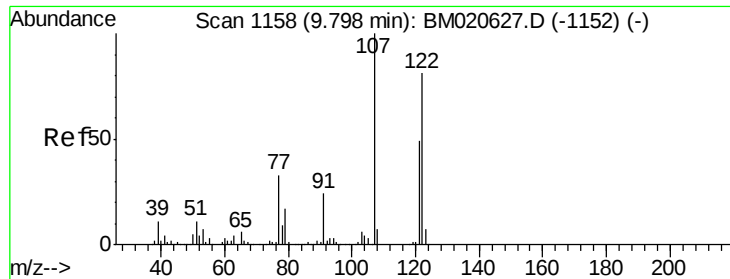
mohammad
6/6/2019 11:22:06 AM



#26
2-Nitrophenol
Concen: 51.787 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.3	26.1	39.1
65	50.5	43.4	65.0





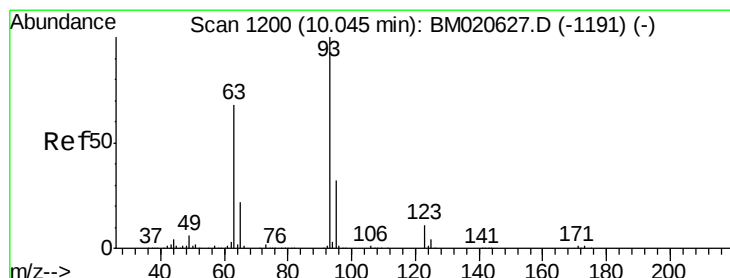
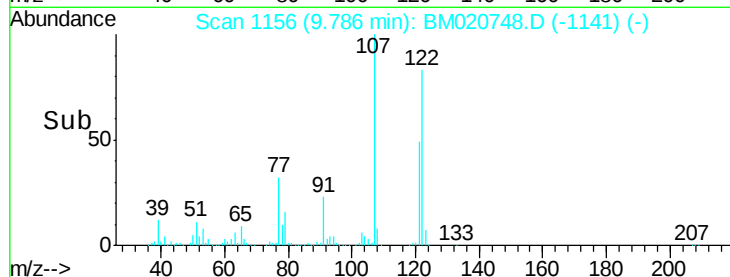
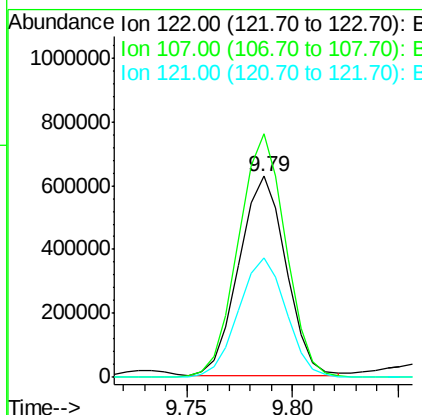
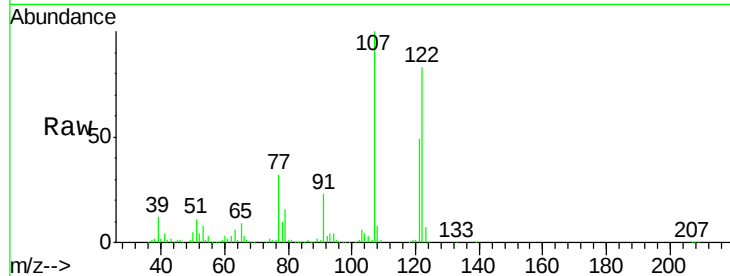
#27
2,4-Dimethylphenol
Concen: 50.138 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.1	98.0	147.0
121	59.6	48.2	72.4

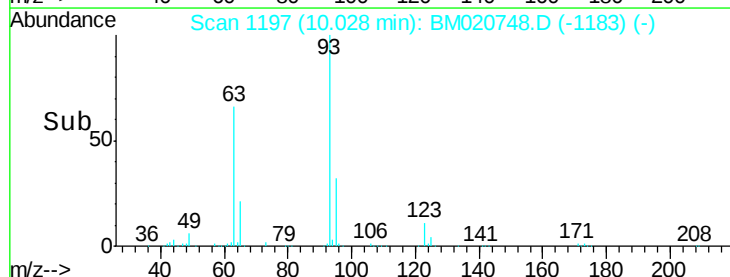
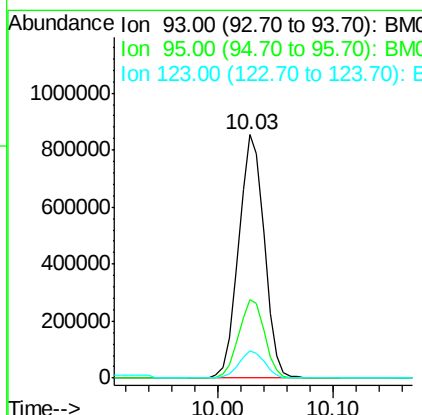
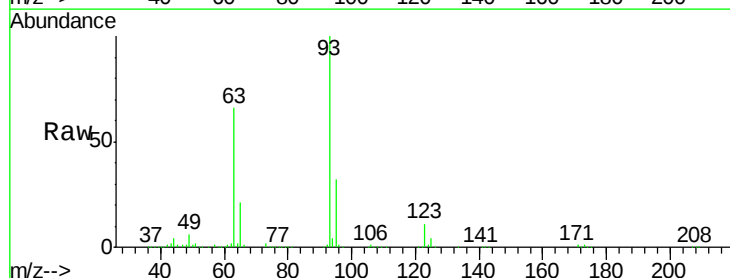
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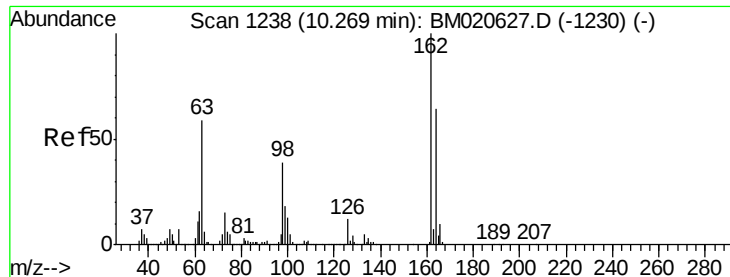
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.268 ng
RT: 10.03 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	11.3	9.0	13.6





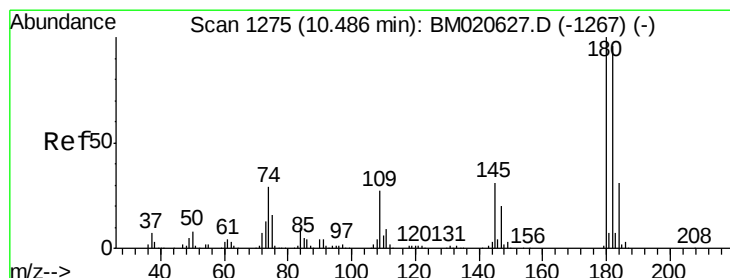
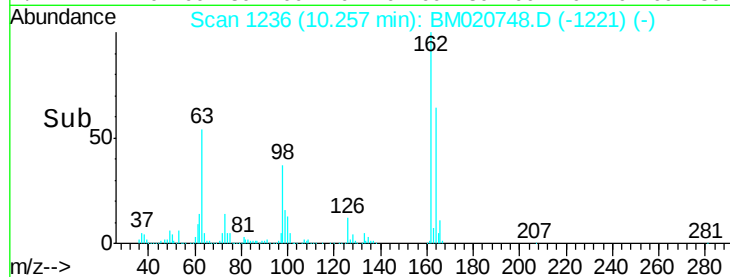
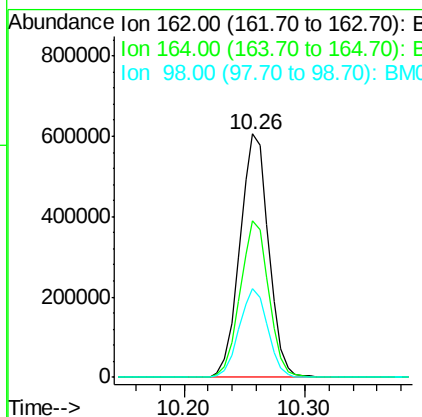
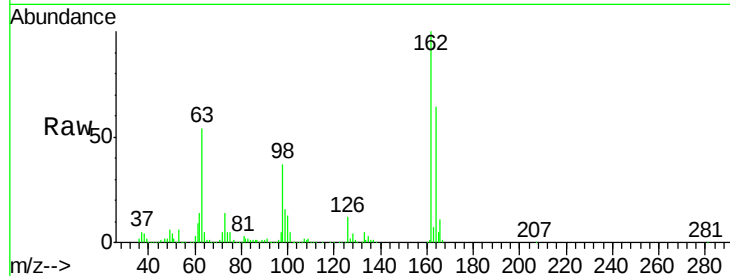
#29
2,4-Dichlorophenol
Concen: 47.183 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	36.6	19.1	59.1

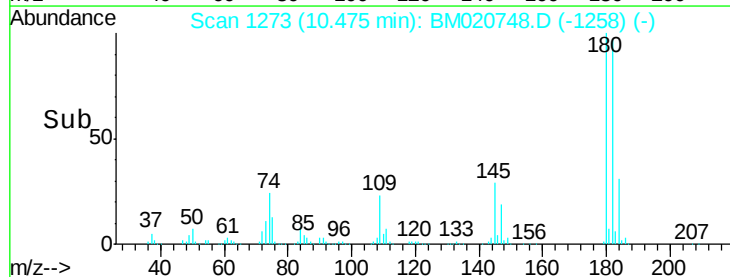
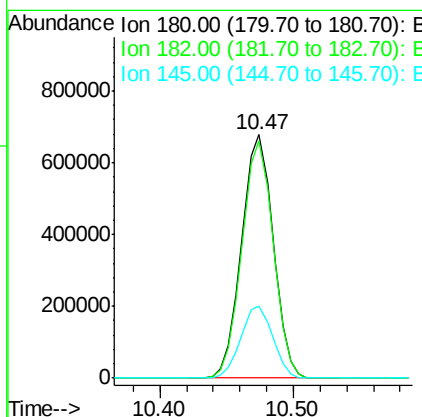
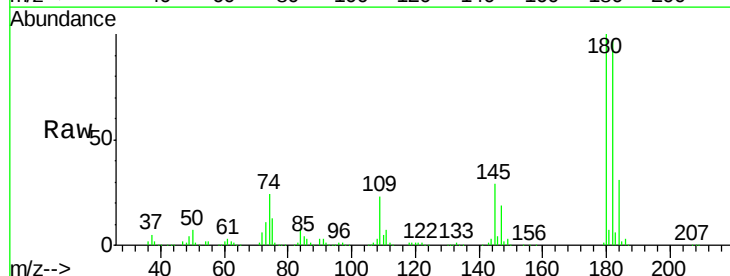
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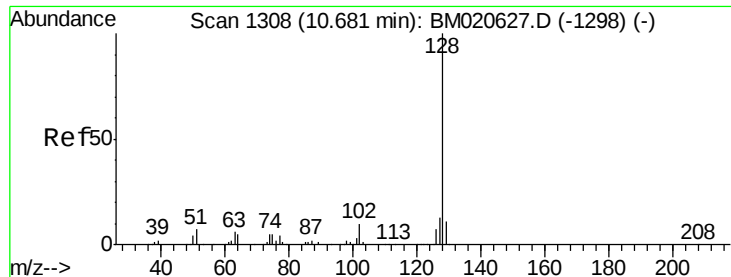
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.254 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.0	115.6
145	29.5	25.0	37.4





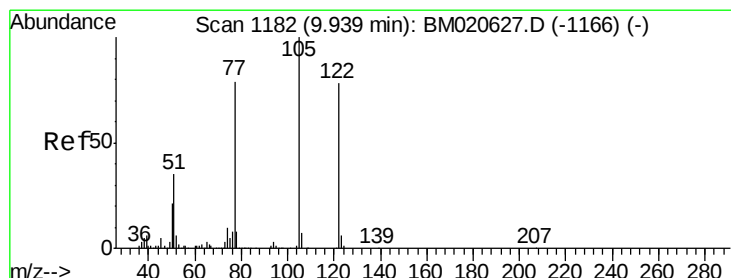
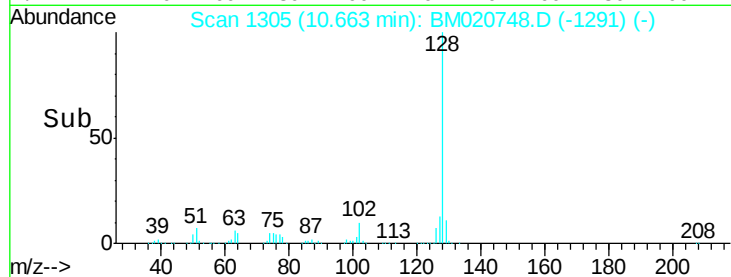
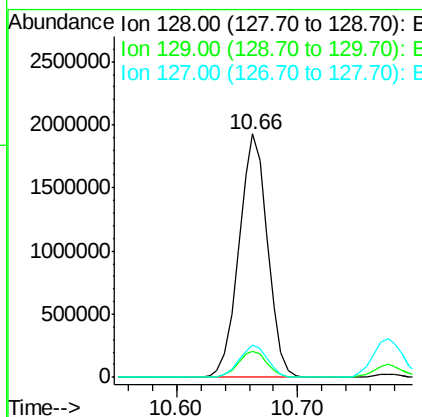
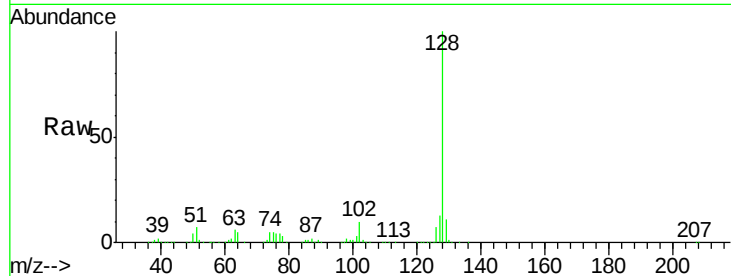
#31
Naphthalene
Concen: 43.871 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.3	10.3	15.5

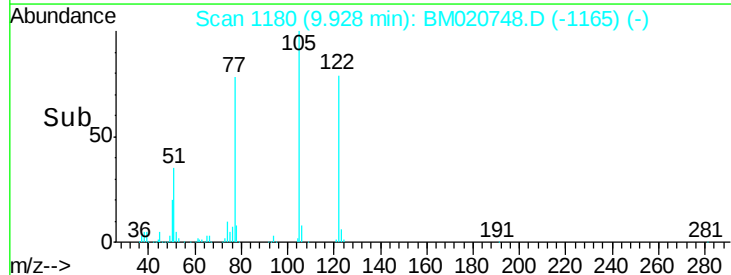
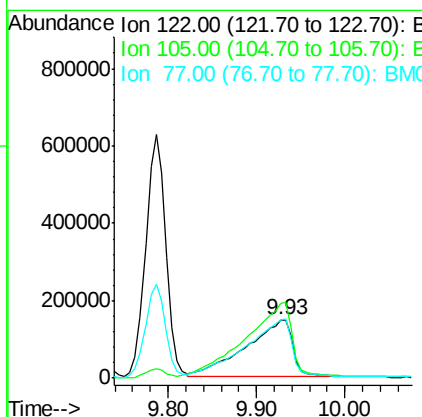
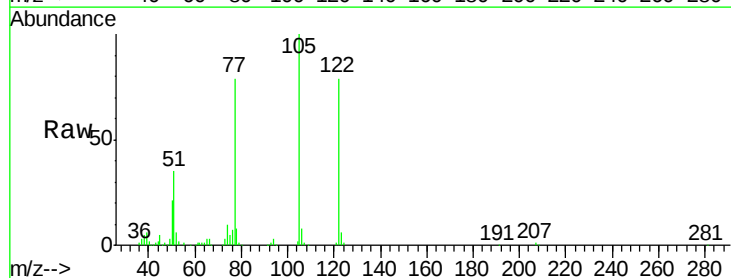
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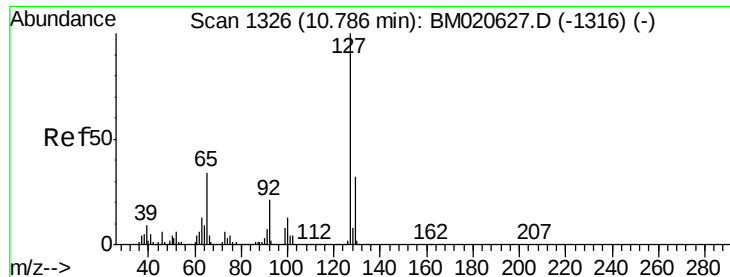
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#32
Benzoic acid
Concen: 44.942 ng m
RT: 9.93 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	107.0	147.0
77	99.5	80.9	120.9





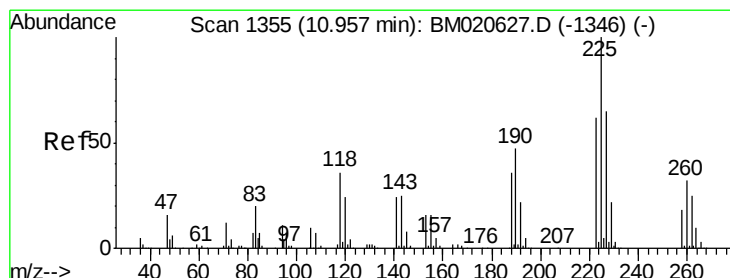
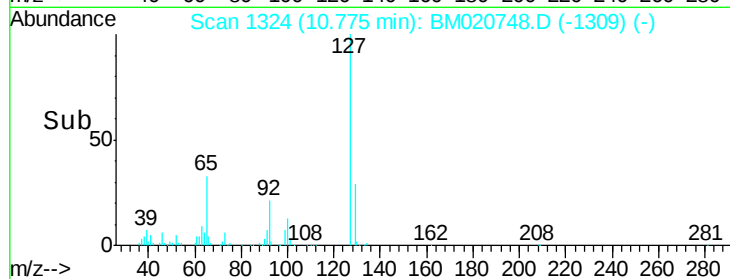
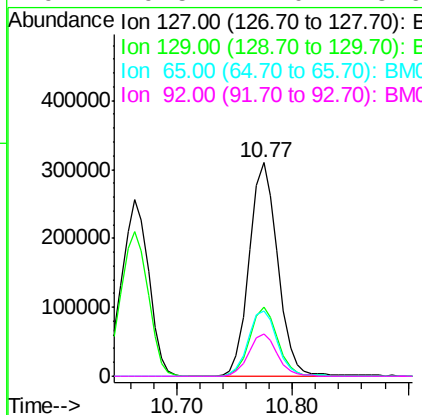
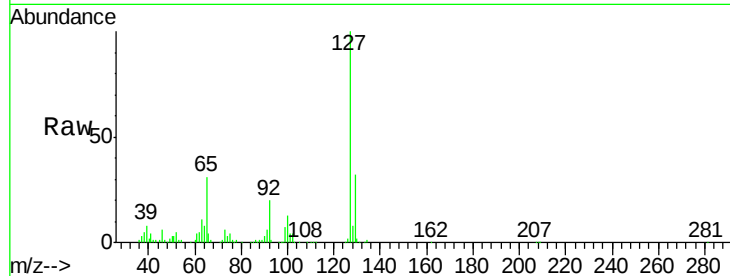
#33
4-Chloroaniline
Concen: 15.922 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.7	38.5		
65	30.5	27.4	41.0		
92	19.5	17.0	25.6		

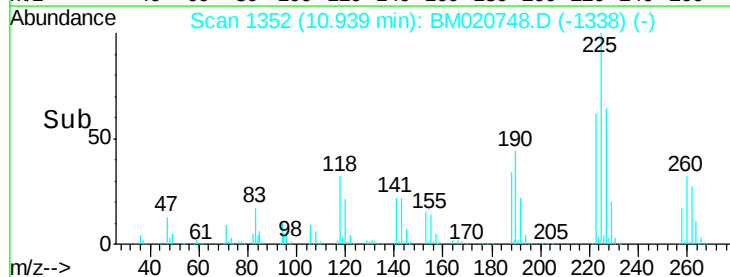
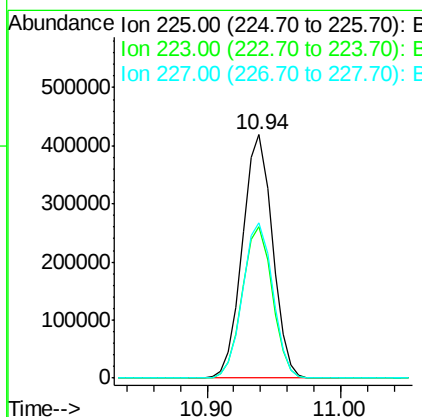
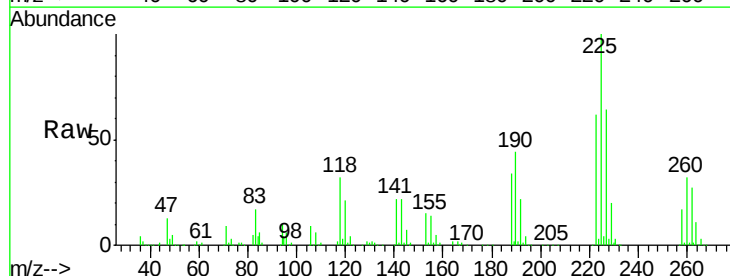
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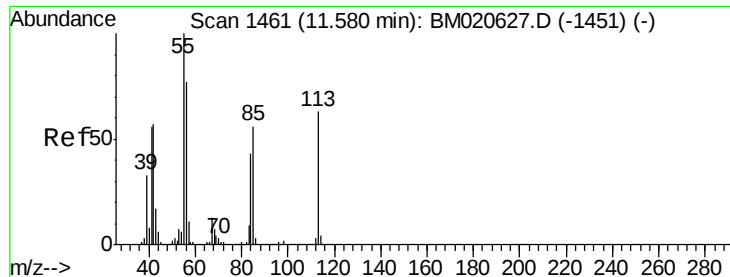
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#34
Hexachlorobutadiene
Concen: 44.200 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.7	74.5		
227	63.7	51.8	77.8		





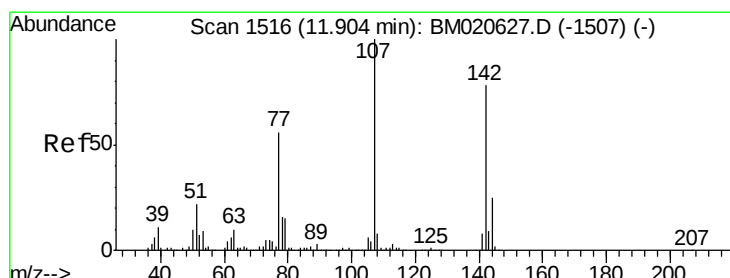
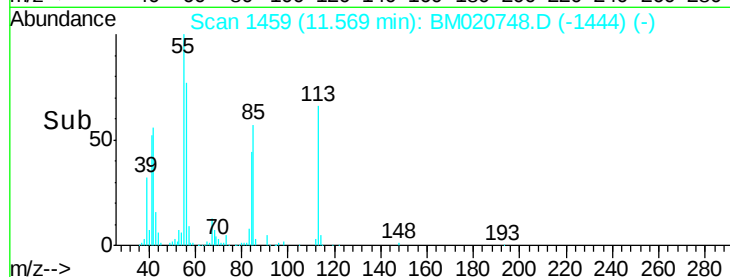
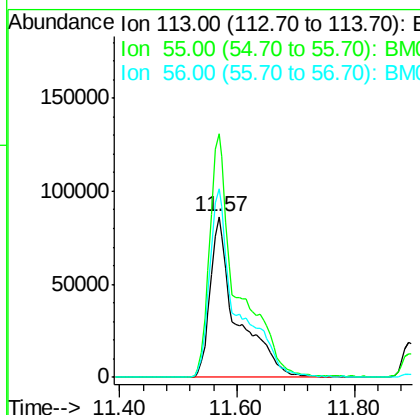
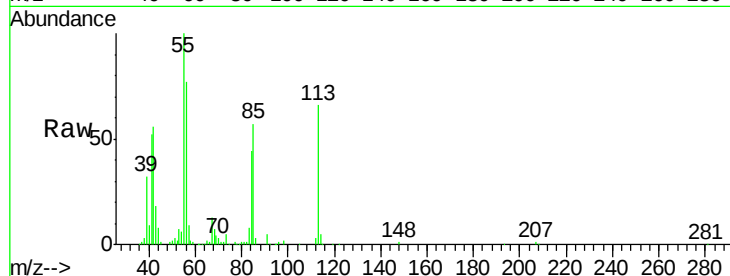
#35
 Caprolactam
 Concen: 36.807 ng/ml
 RT: 11.57 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.7	138.6	178.6
56	117.3	102.3	142.3

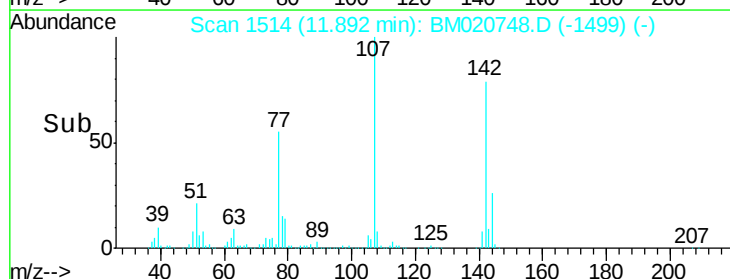
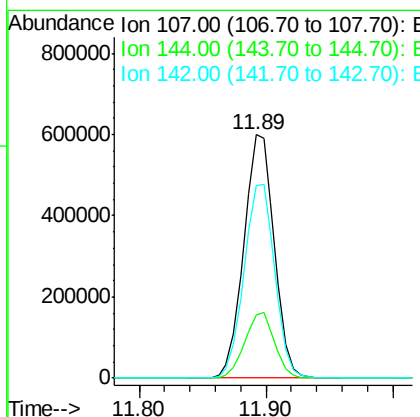
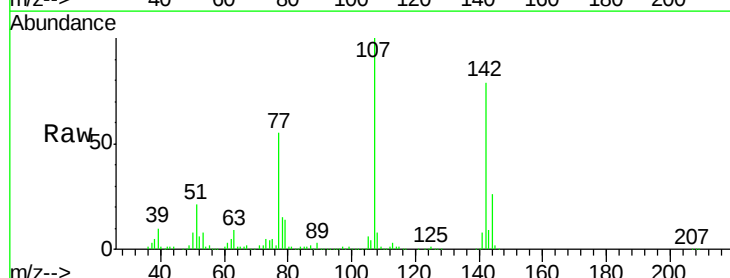
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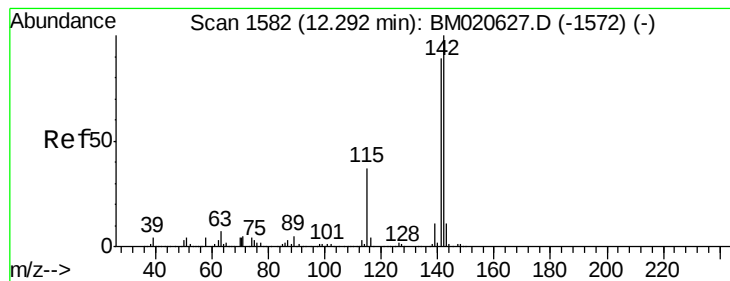
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.430 ng/ml
 RT: 11.89 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.3	30.5
142	79.1	62.6	93.8





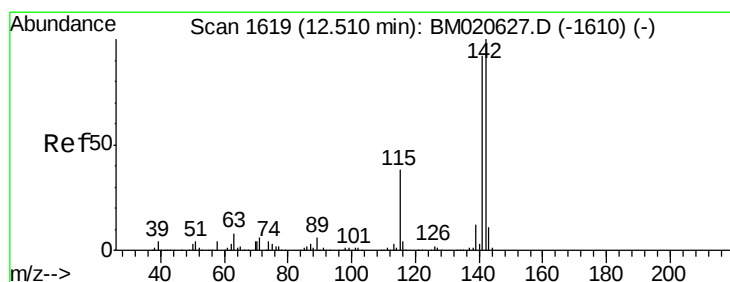
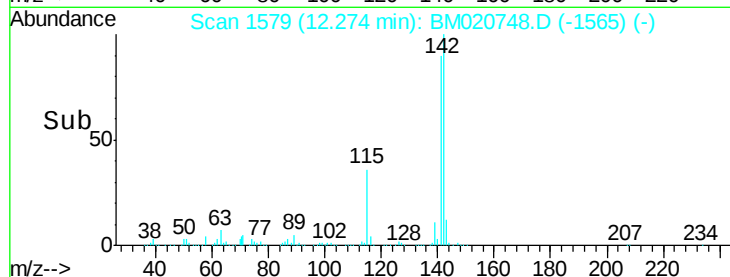
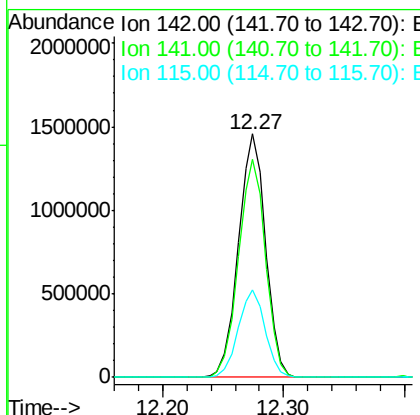
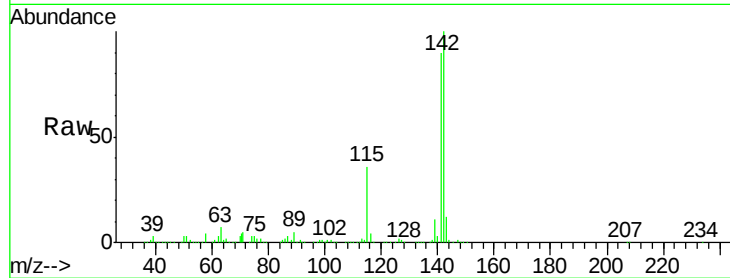
#37
 2-Methylnaphthalene
 Concen: 42.534 ng
 RT: 12.27 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.6	107.4
115	35.9	29.6	44.4

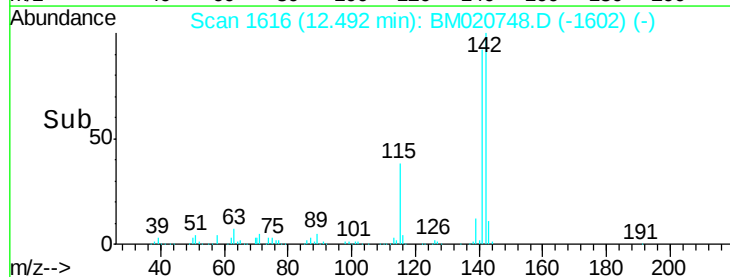
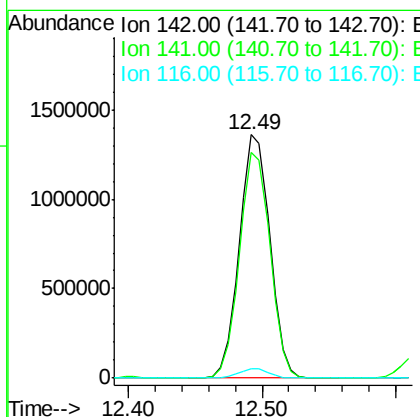
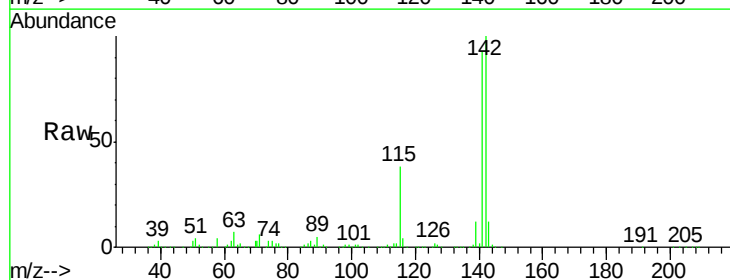
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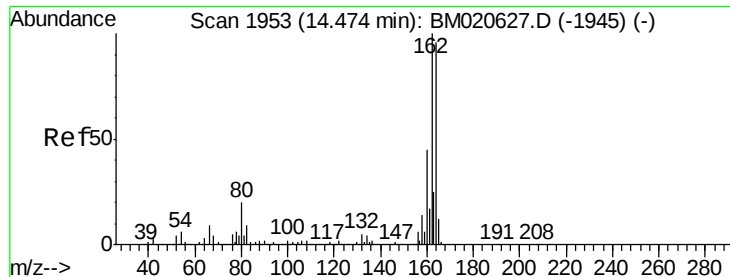
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#38
 1-Methylnaphthalene
 Concen: 42.237 ng
 RT: 12.49 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	3.9	3.2	4.8





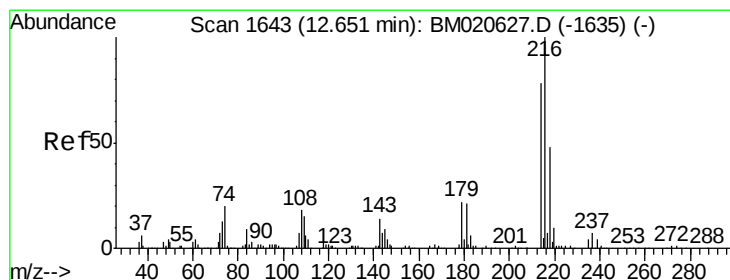
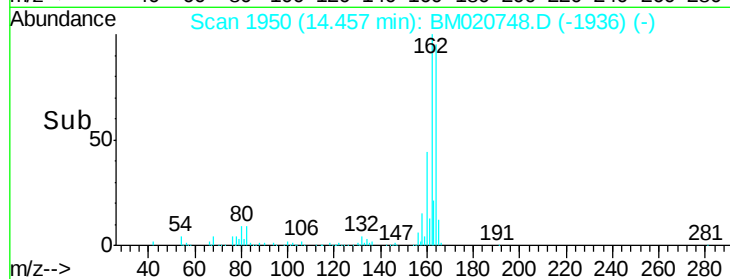
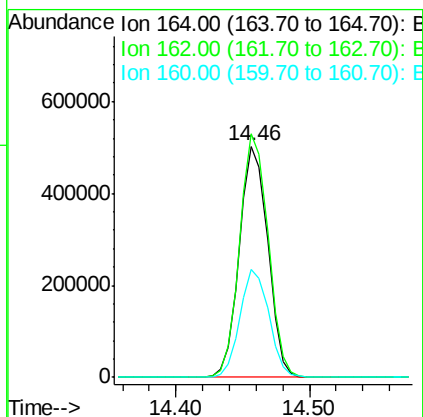
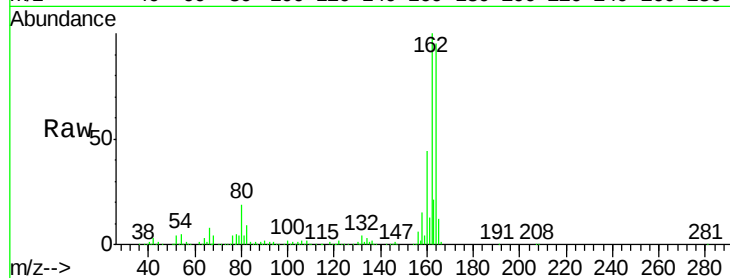
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.2	124.8
160	46.5	37.5	56.3

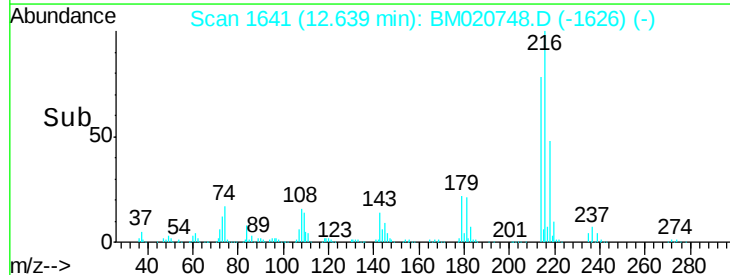
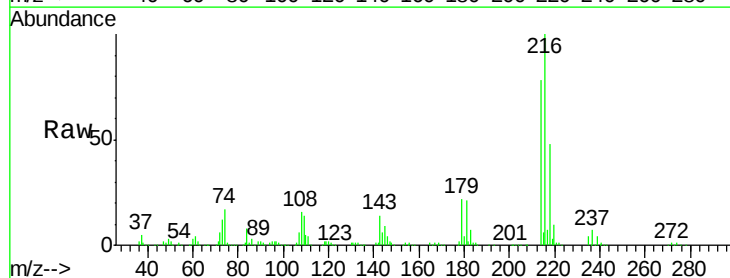
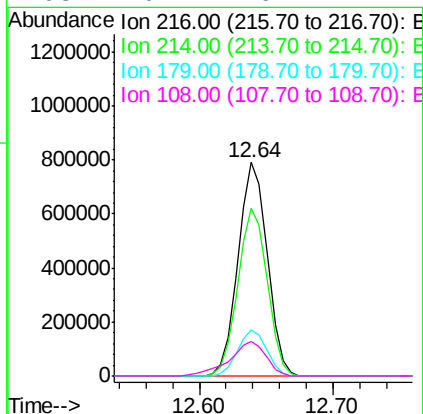
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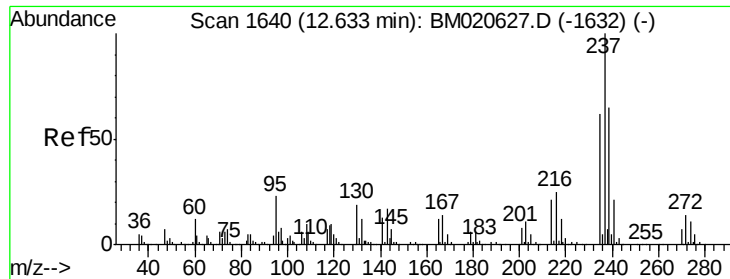
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.256 ng
RT: 12.64 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.6	17.9	26.9
108	20.2	16.2	24.2





#41

Hexachlorocyclopentadiene

Concen: 103.465 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

ClientSampleId :

IDOC-03-RC

Tot Ion:237 Resp: 1502099

Ion Ratio Lower Upper

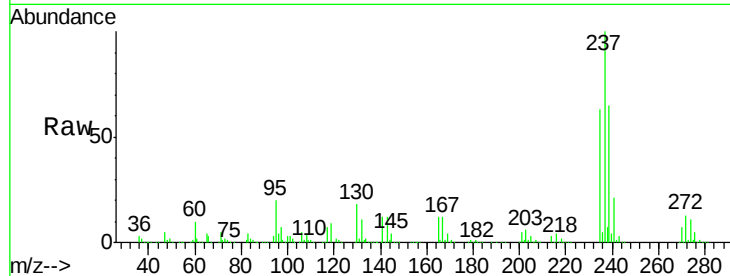
237 100

235 62.5 42.1 82.1

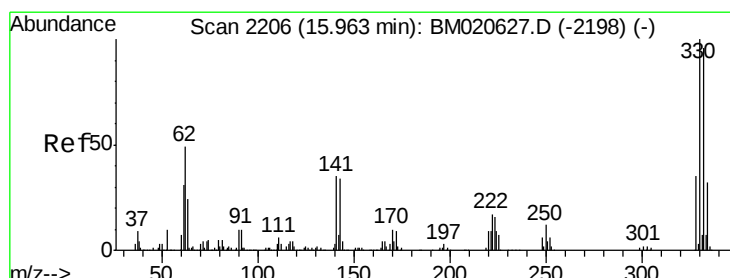
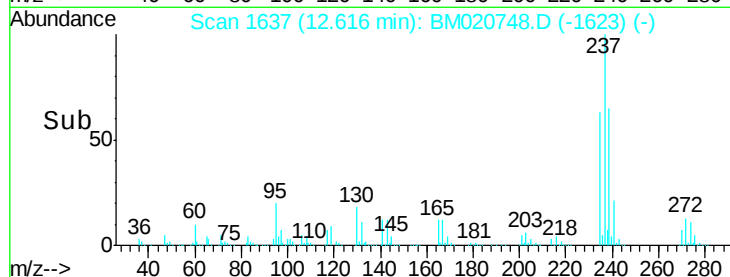
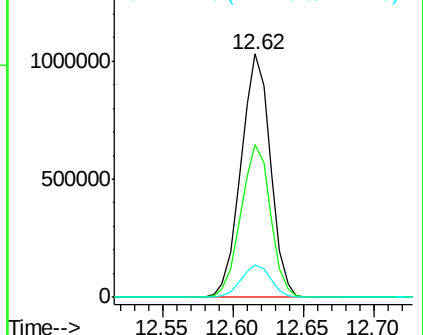
272 13.4 0.0 33.5

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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: 137.371 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

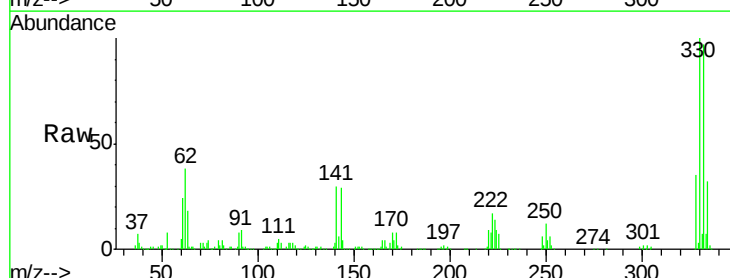
Tgt Ion:330 Resp: 1260732

Ion Ratio Lower Upper

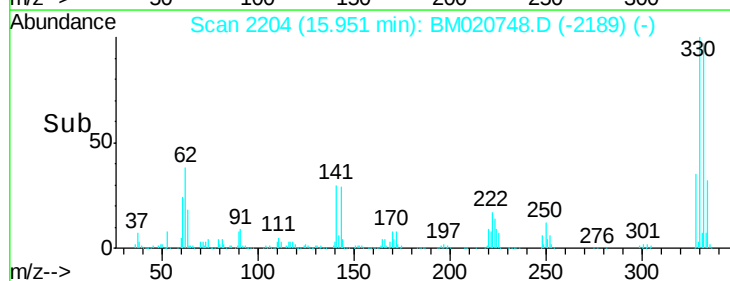
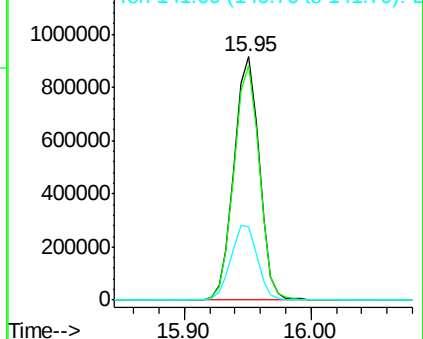
330 100

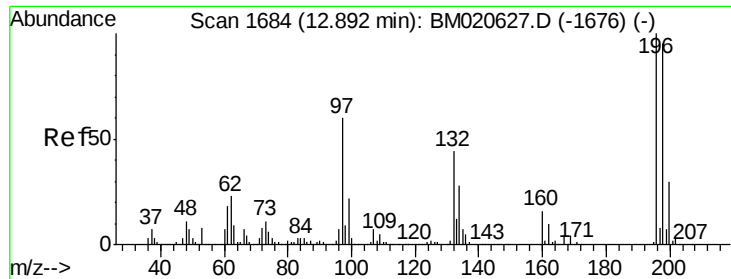
332 96.9 77.4 116.0

141 32.5 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





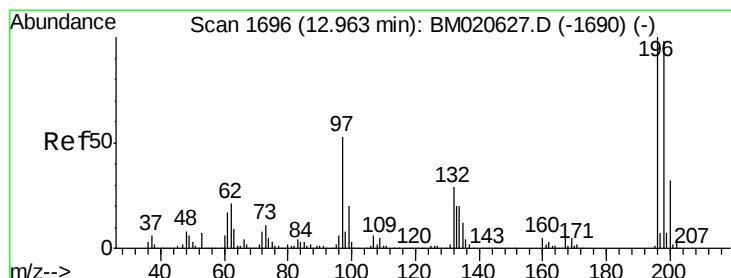
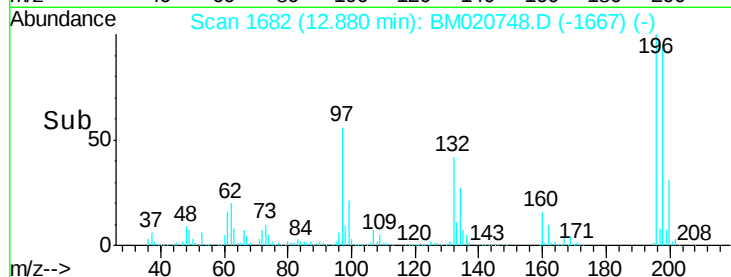
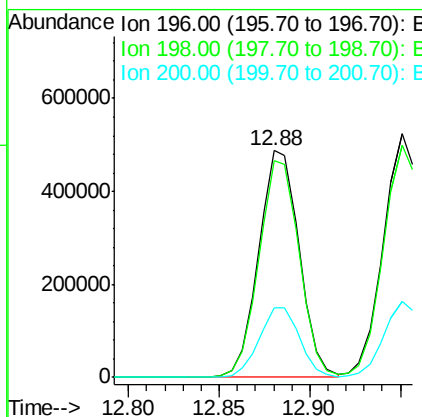
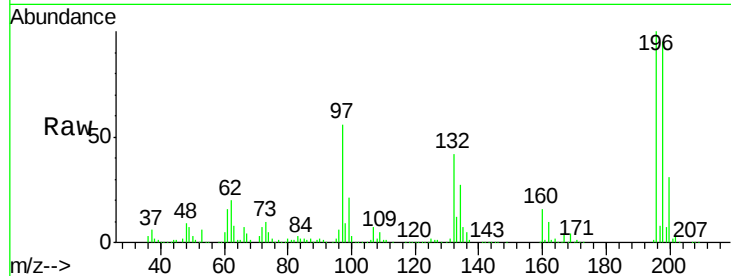
#43
2,4,6-Trichlorophenol
Concen: 48.403 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	756300		
198	95.4	75.7	113.5	
200	30.8	23.9	35.9	

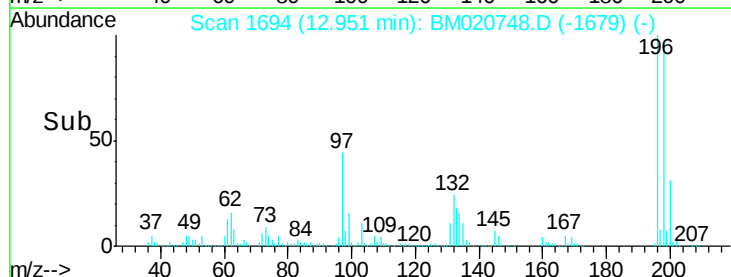
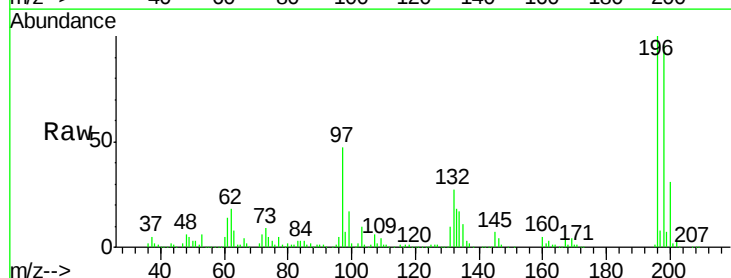
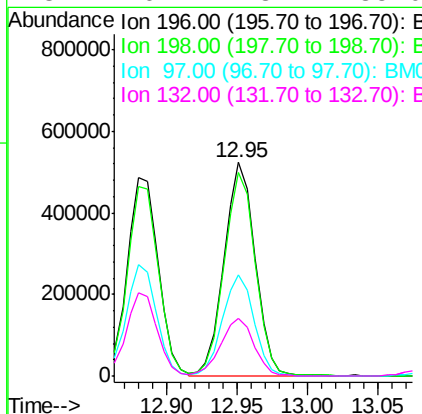
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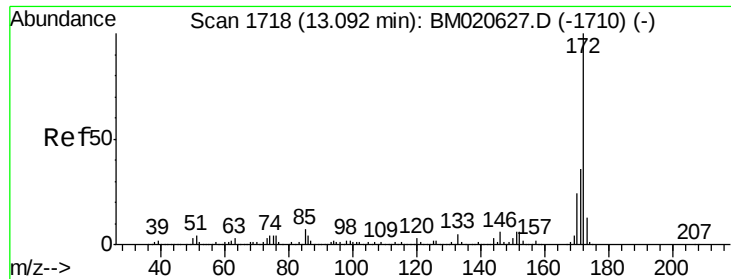
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 49.378 ng
RT: 12.95 min Scan# 1694
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	796525		
198	95.5	78.6	117.8	
97	47.4	42.7	64.1	
132	26.7	23.4	35.0	





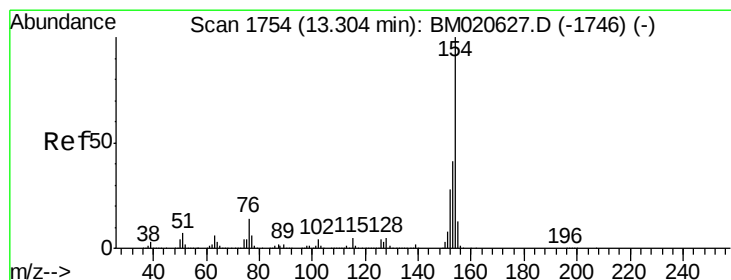
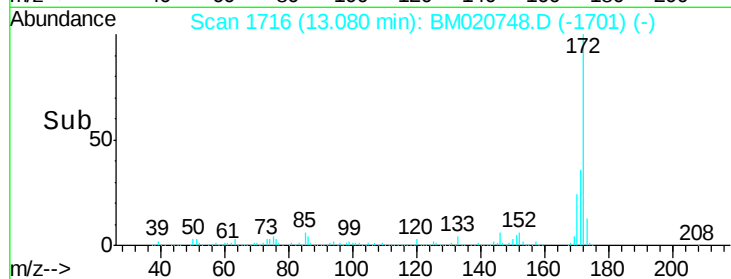
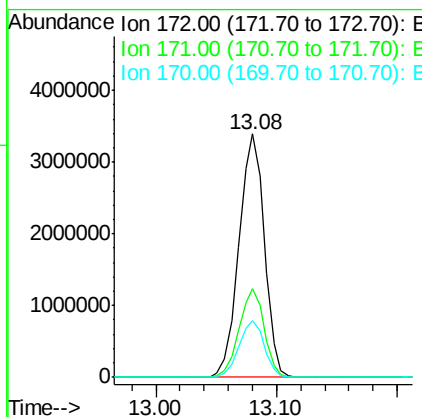
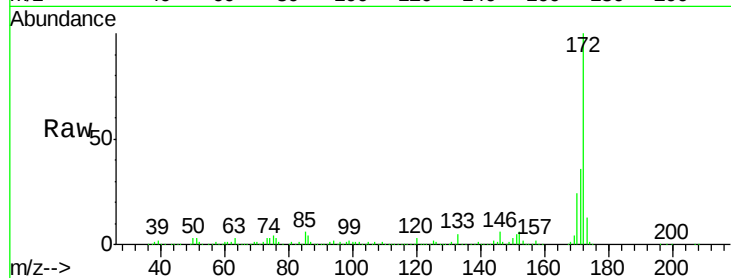
#45
2-Fluorobiphenyl
Concen: 89.243 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.5	18.9	28.3

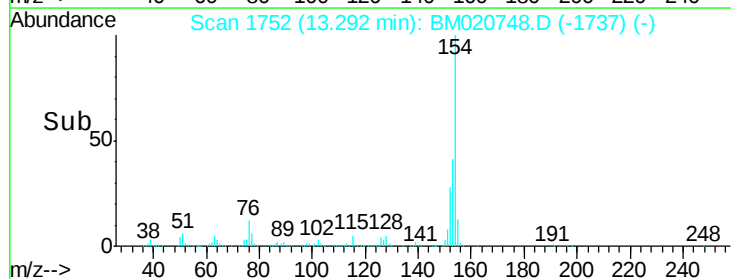
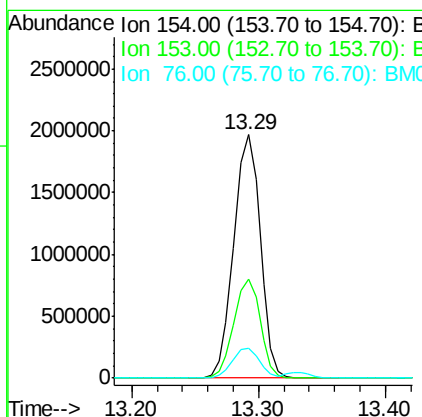
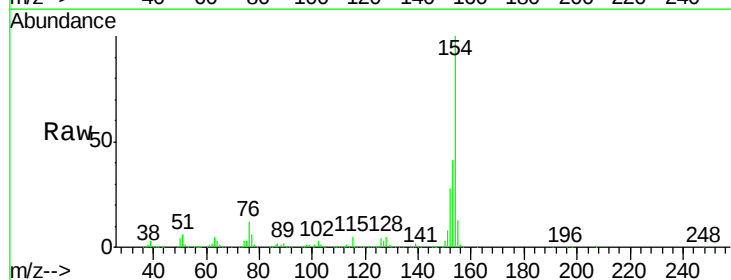
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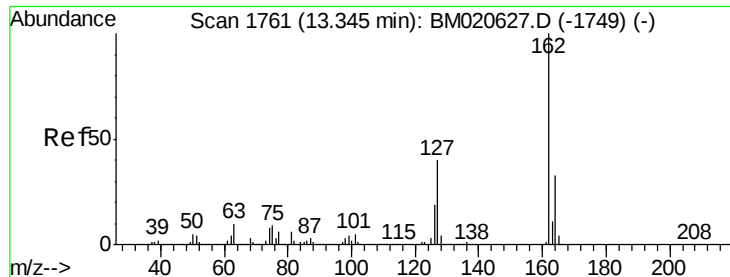
mohammad
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#46
1,1'-Biphenyl
Concen: 45.877 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	12.1	0.0	34.0





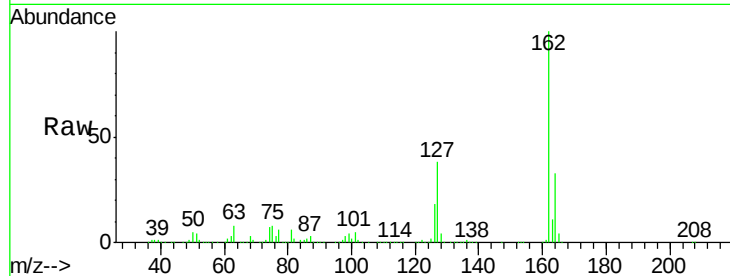
#47
2-Chloronaphthalene
Concen: 43.994 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

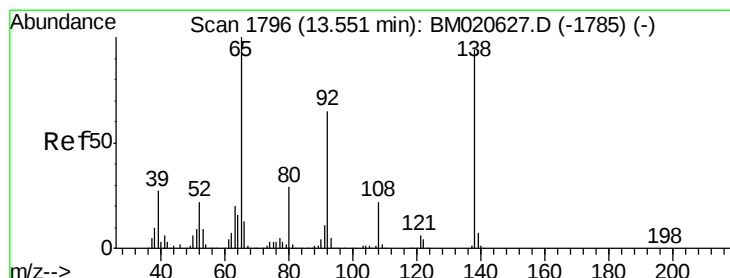
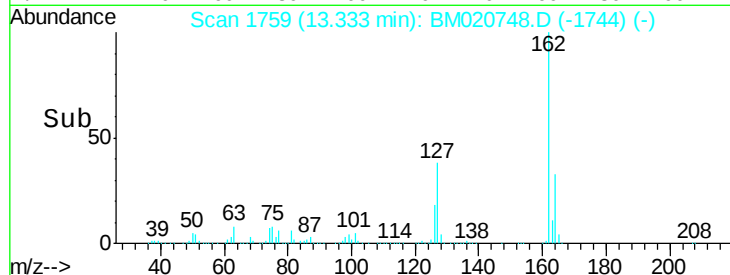
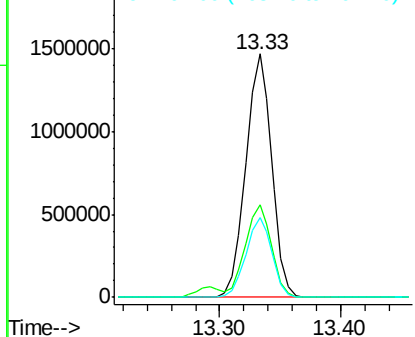
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	32.1	48.1
164	32.5	26.6	39.8

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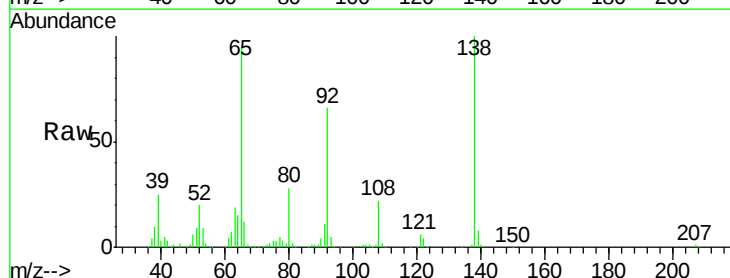


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

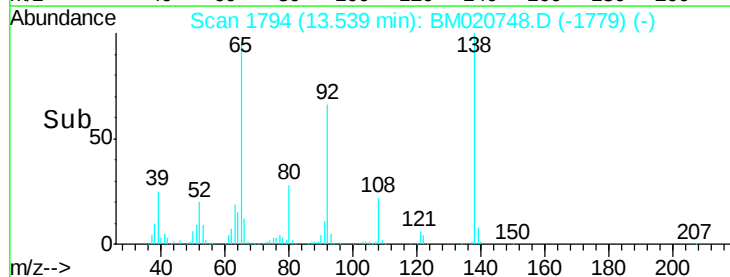
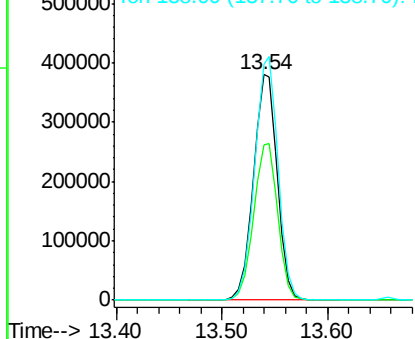


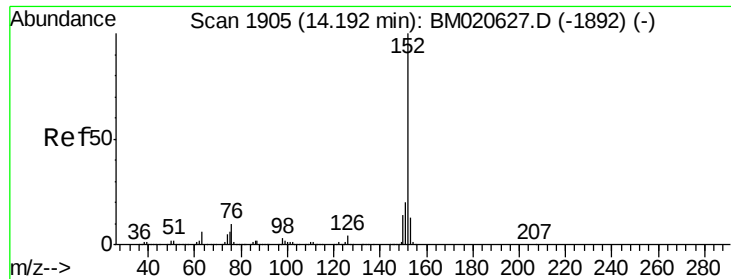
#48
2-Nitroaniline
Concen: 38.350 ng
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	52.2	78.4
138	104.8	75.4	113.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.909 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

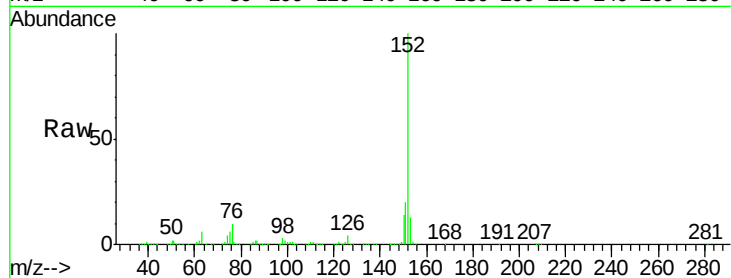
ClientSampleId :

IDOC-03-RC

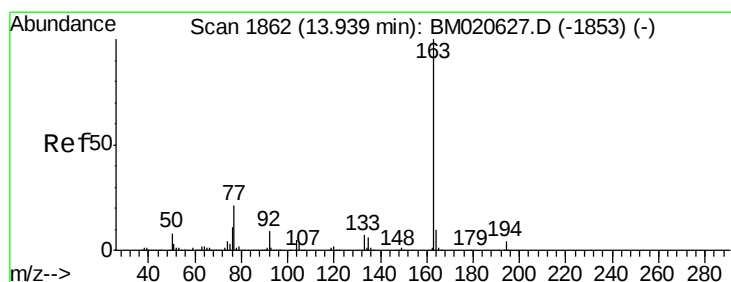
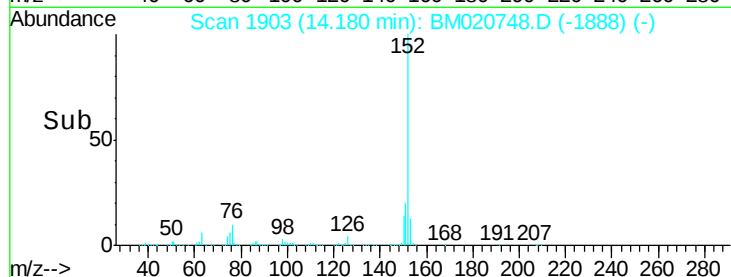
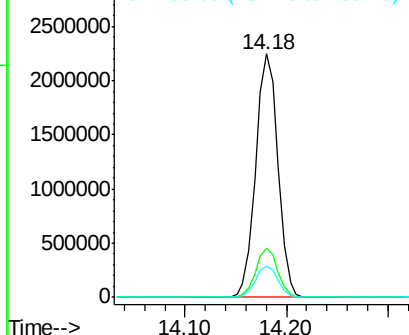
Tot Ion:	152	Resp:	3420754
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.0	10.6	15.8

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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: 40.445 ng

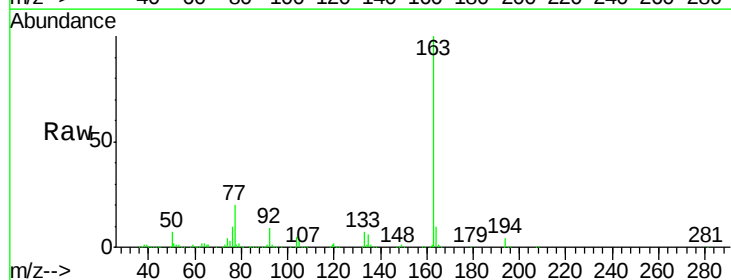
RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

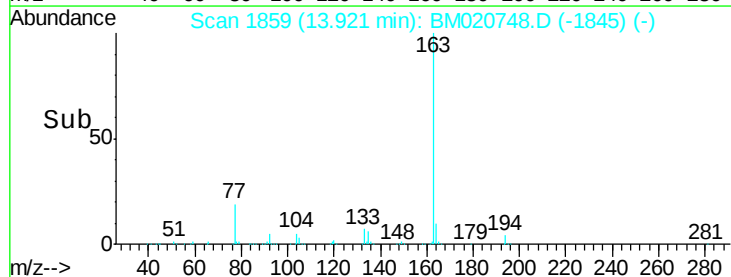
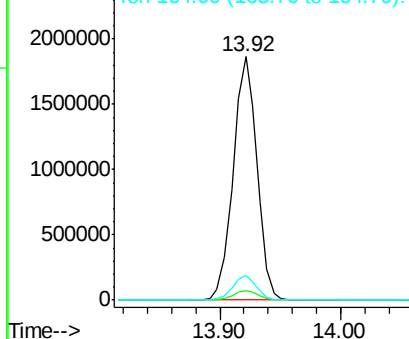
Lab File: BM020748.D

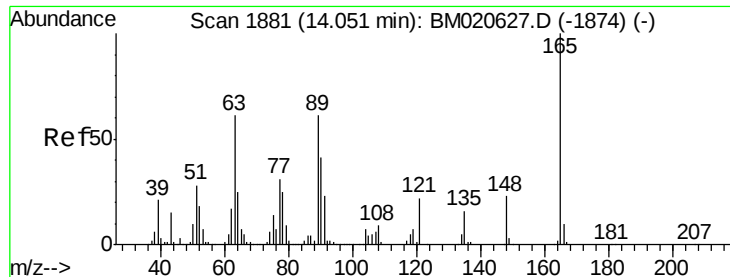
Acq: 05 Jun 2019 22:13

Tgt Ion:	163	Resp:	2559534
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	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: 43.398 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

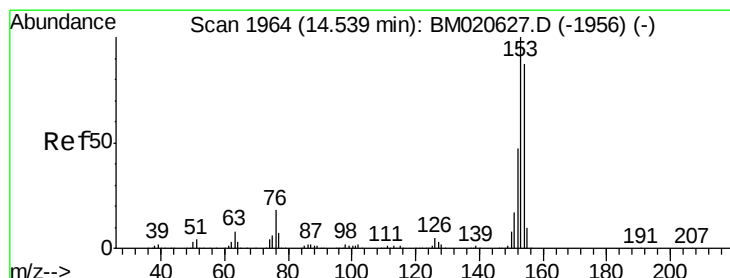
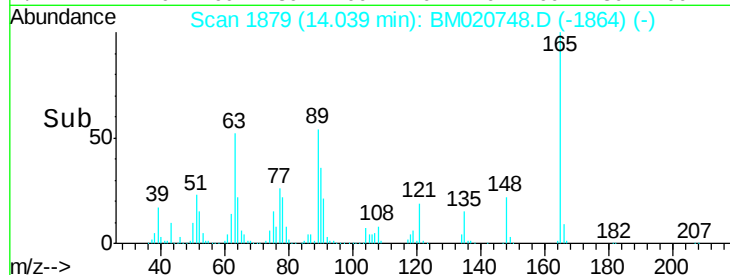
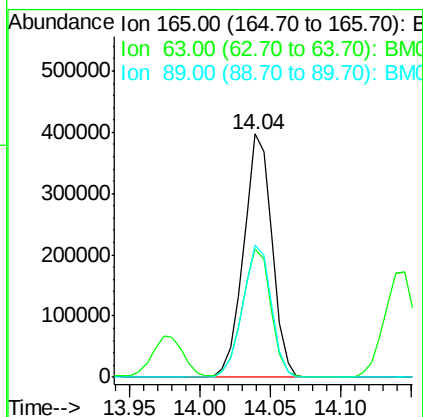
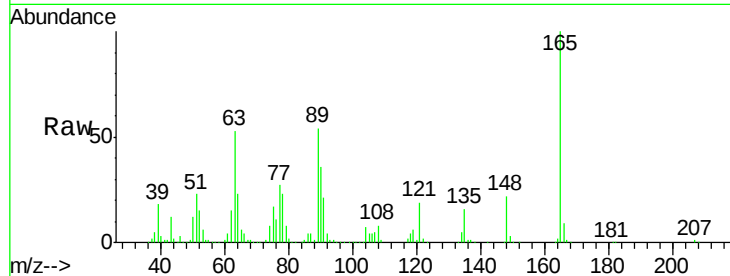
ClientSampleId :

IDOC-03-RC

Tot Ion:	165	Resp:	557660
Ion Ratio	Lower	Upper	
165	100		
63	52.9	50.4	75.6
89	54.3	49.1	73.7

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#52

Acenaphthene

Concen: 42.851 ng

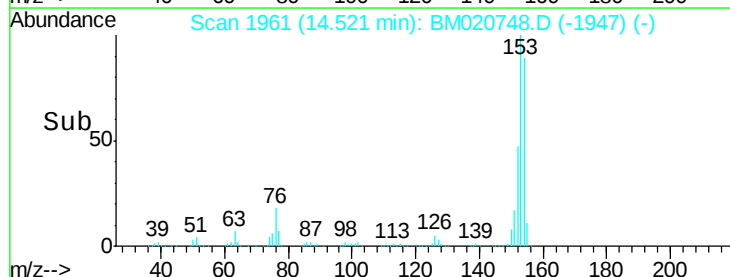
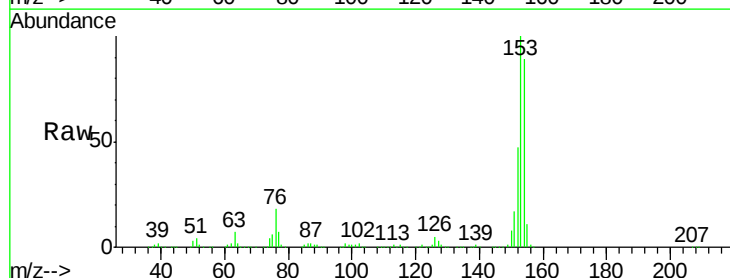
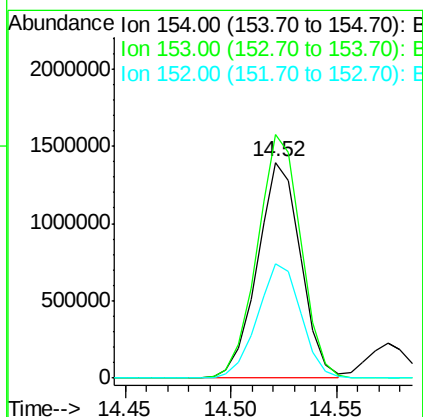
RT: 14.52 min Scan# 1961

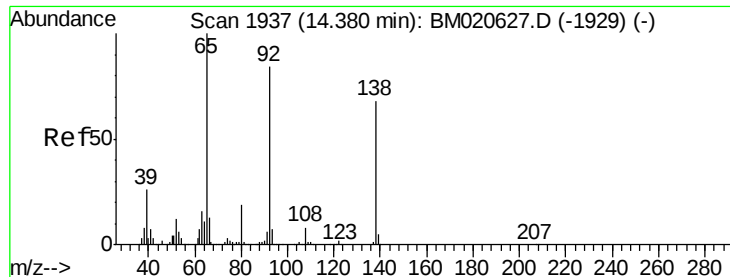
Delta R.T. -0.02 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Tgt Ion:	154	Resp:	1989418
Ion Ratio	Lower	Upper	
154	100		
153	112.8	92.4	138.6
152	53.1	43.4	65.0





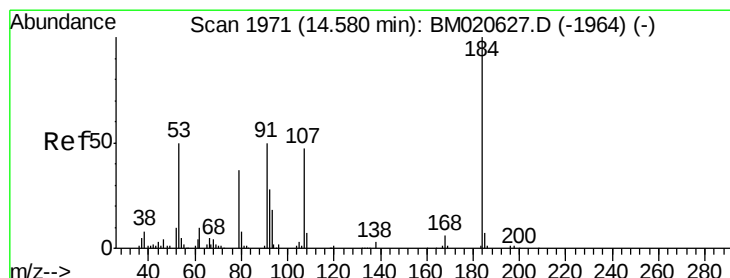
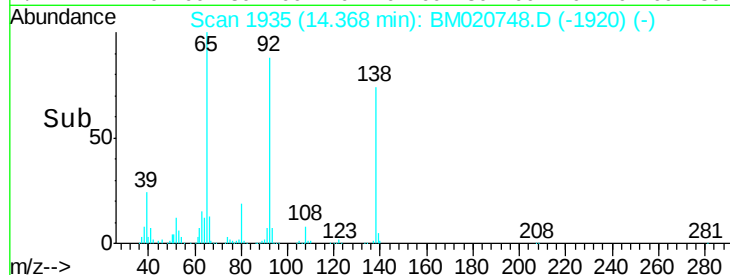
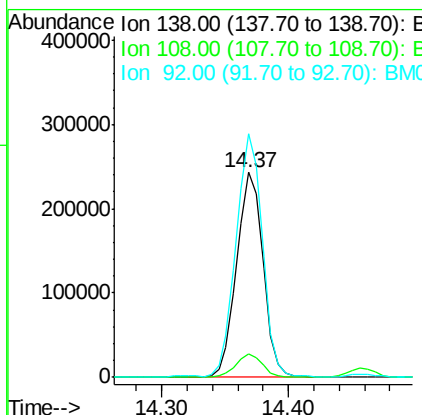
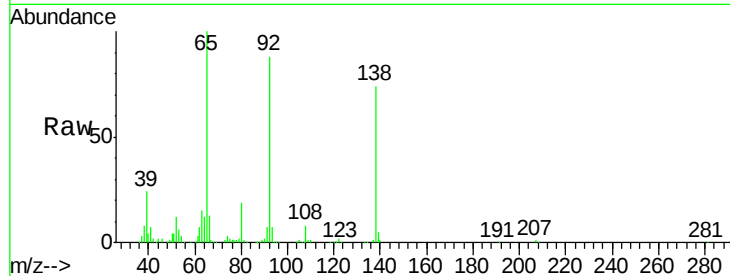
#53
3-Nitroaniline
Concen: 24.513 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.3	9.5	14.3	
92	118.7	99.6	149.4	

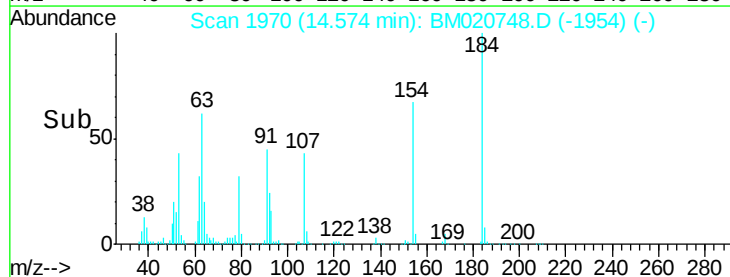
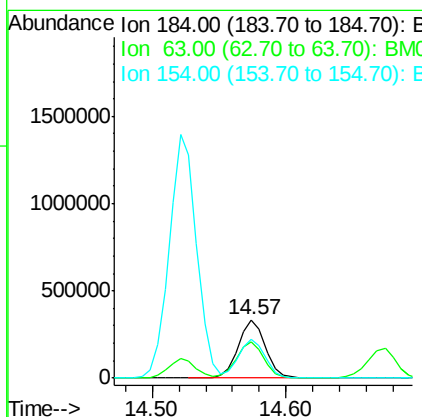
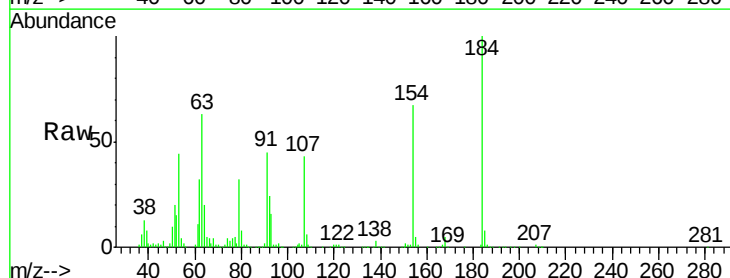
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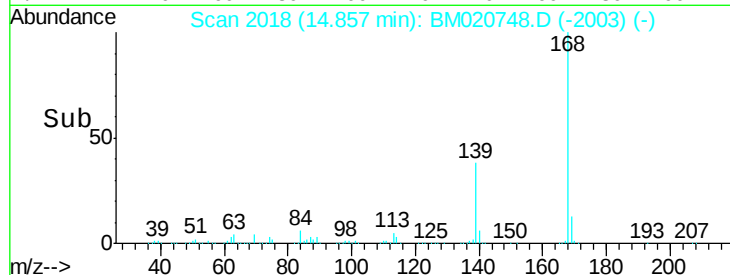
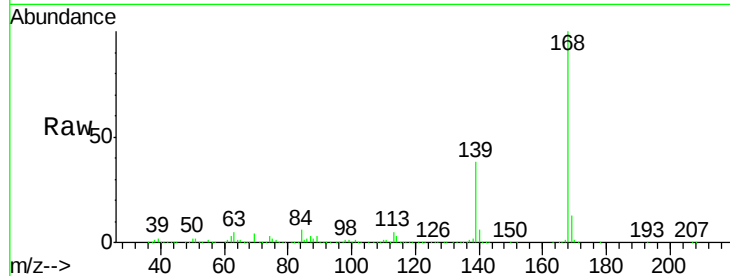
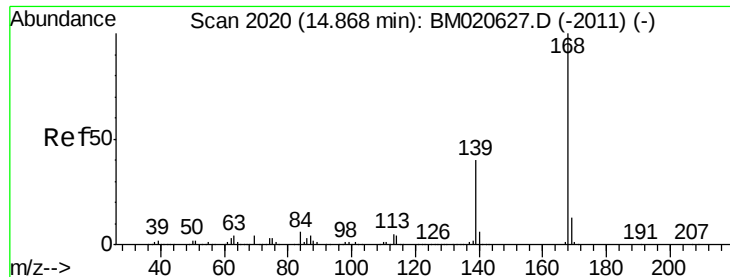
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#54
2,4-Dinitrophenol
Concen: 83.957 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.6	59.3	88.9	
154	67.4	56.5	84.7	





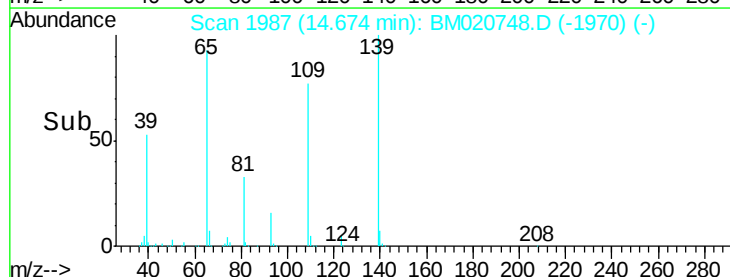
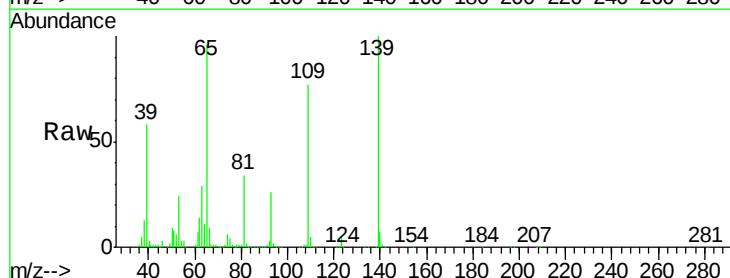
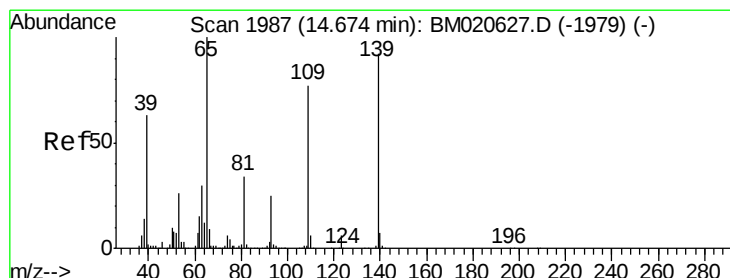
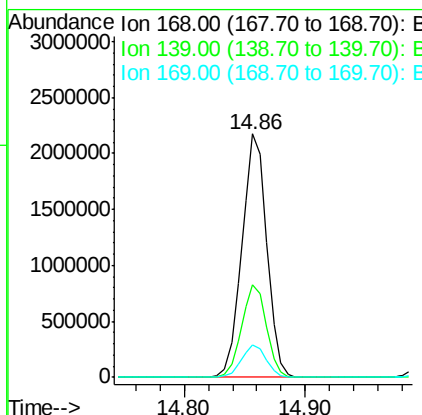
#55
Dibenzofuran
Concen: 43.149 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampled :
IDOC-03-RC

Tot Ion:168 Resp: 3111294
Ion Ratio Lower Upper
168 100
139 37.8 31.9 47.9
169 13.4 10.7 16.1

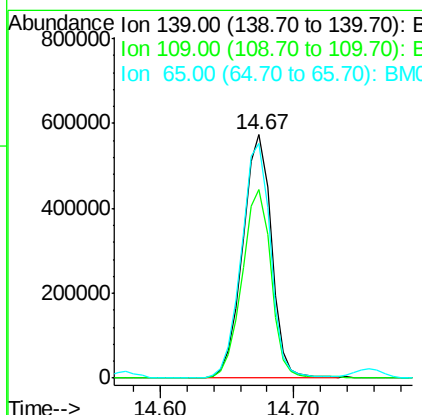
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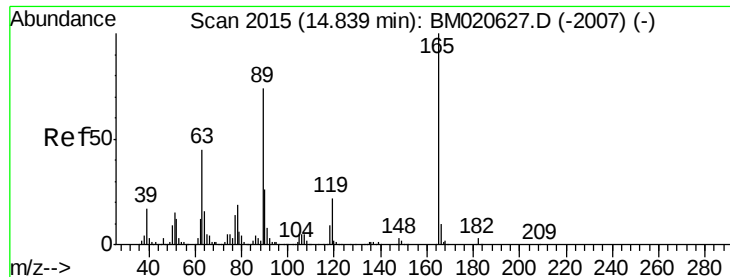
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#56
4-Nitrophenol
Concen: 80.679 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion:139 Resp: 852712
Ion Ratio Lower Upper
139 100
109 77.3 62.7 102.7
65 96.2 88.3 128.3





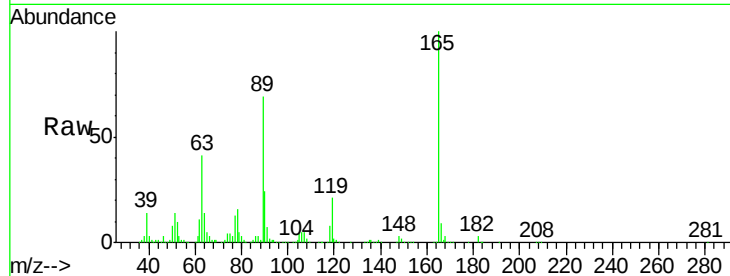
#57
 2,4-Dinitrotoluene
 Concen: 41.772 ng
 RT: 14.83 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-03-RC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	718696		
63	40.6	36.3	54.5	
89	68.6	59.0	88.6	
182	3.0	2.2	3.4	

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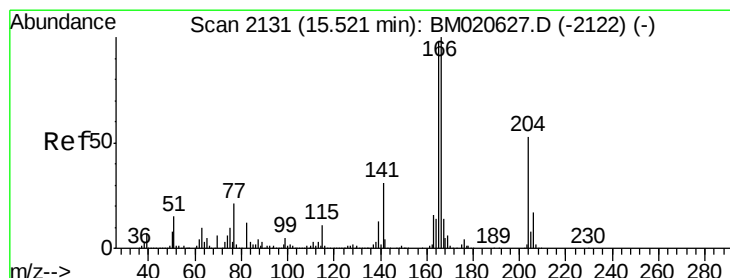
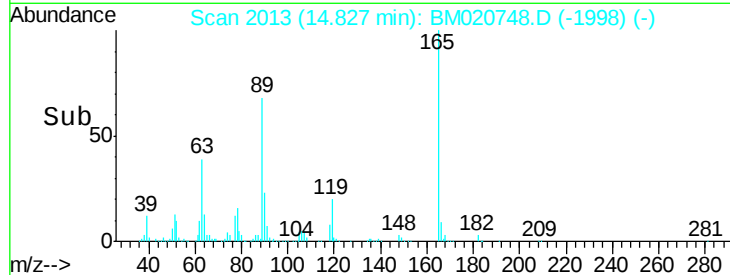
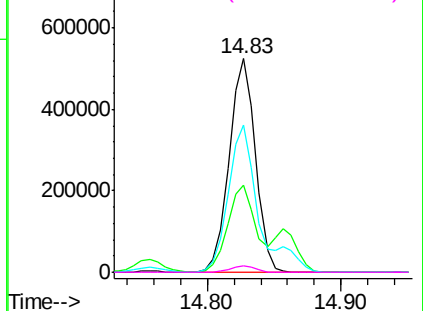


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM020627.D (-2007) (-)

Ion 89.00 (88.70 to 89.70): BM020627.D (-2007) (-)

Ion 182.00 (181.70 to 182.70): E



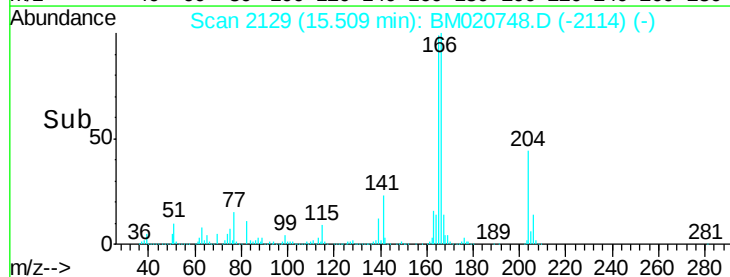
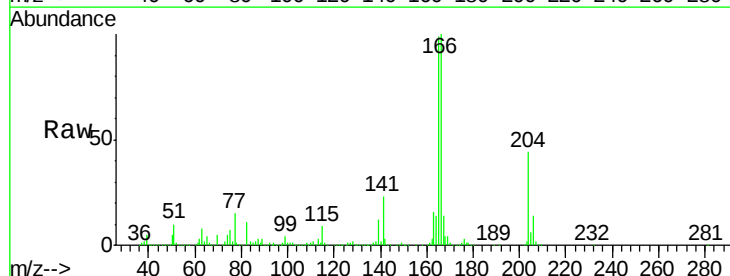
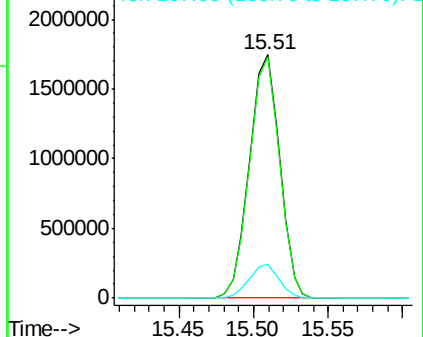
#58
 Fluorene
 Concen: 41.273 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

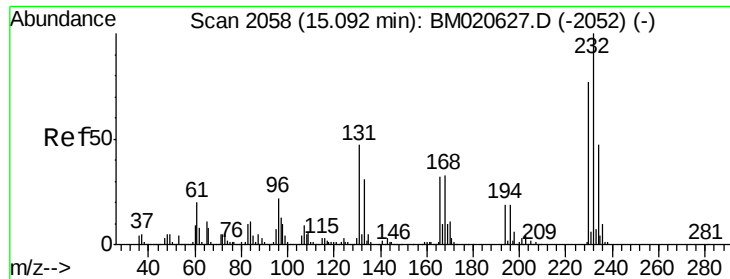
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2447357		
165	99.1	78.6	117.8	
167	13.7	11.0	16.4	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





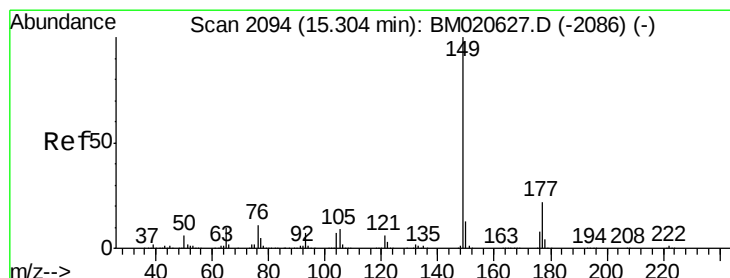
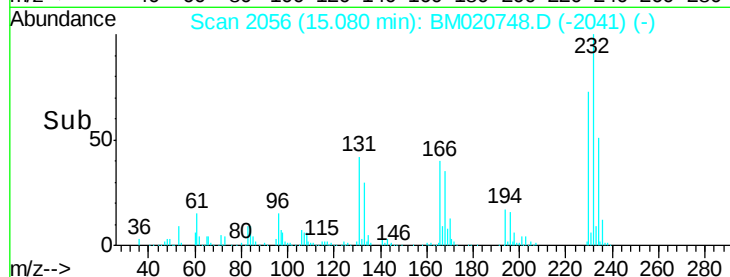
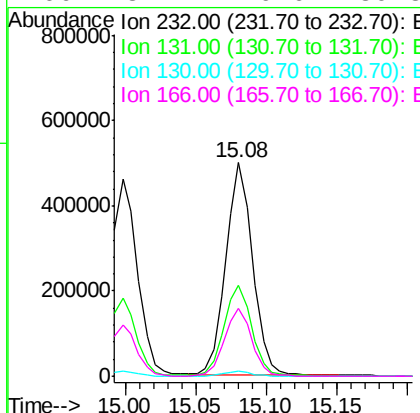
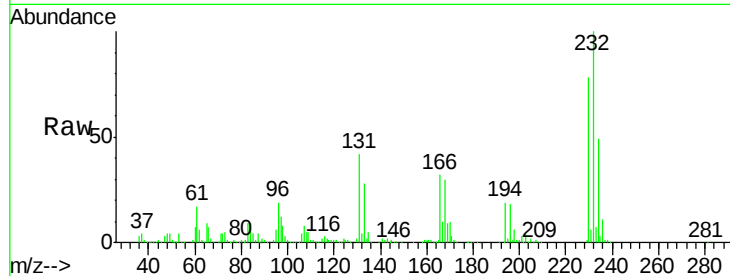
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.987 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-03-RC

Tot Ion:	232	Resp:	660470
Ion Ratio	Lower	Upper	
232	100		
131	43.6	38.6	57.8
130	2.3	2.2	3.2
166	32.2	26.6	39.8

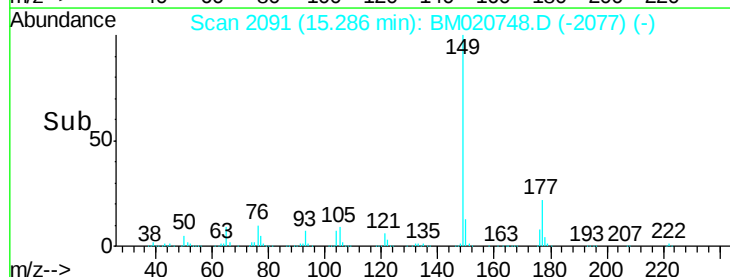
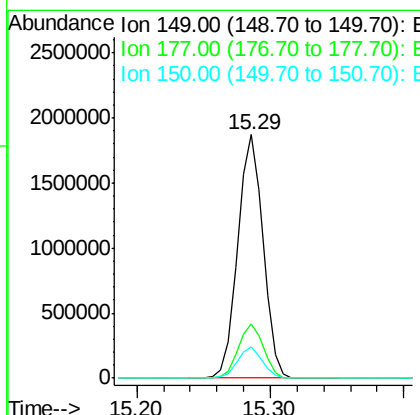
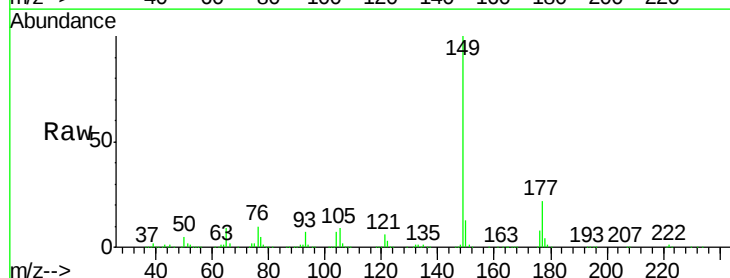
Manual Integrations
 APPROVED

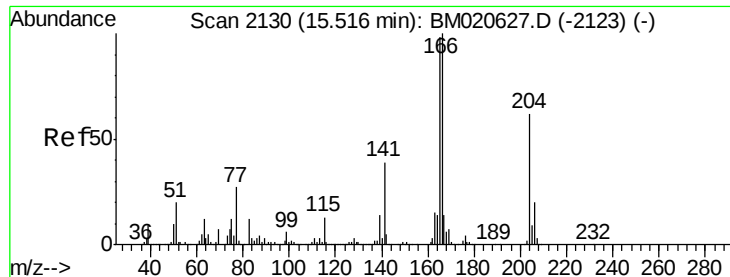
mohammad
 6/6/2019 11:22:06 AM



#60
 Diethylphthalate
 Concen: 37.532 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Tgt Ion:	149	Resp:	2449623
Ion Ratio	Lower	Upper	
149	100		
177	22.3	17.2	25.8
150	12.6	10.1	15.1





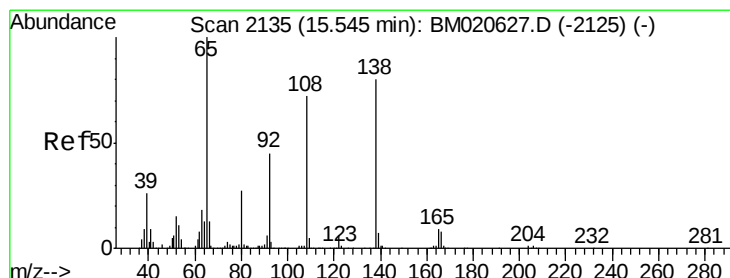
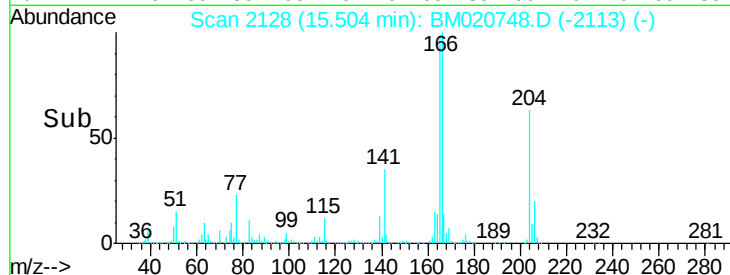
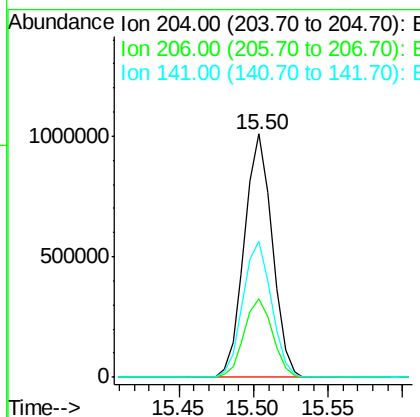
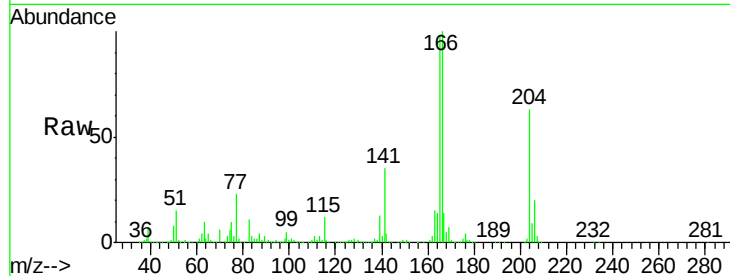
#61
4-Chlorophenyl-phenylether
Concen: 41.632 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampled :
IDOC-03-RC

Tot Ion:204 Resp: 1307091
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 55.8 50.2 75.4

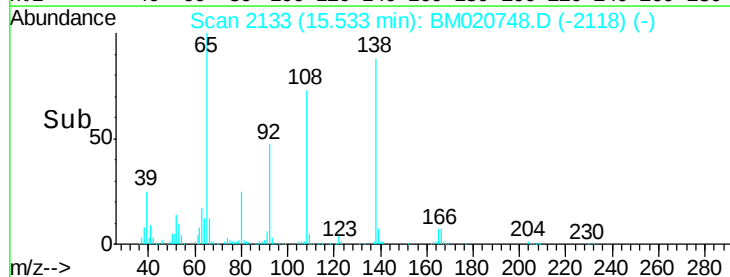
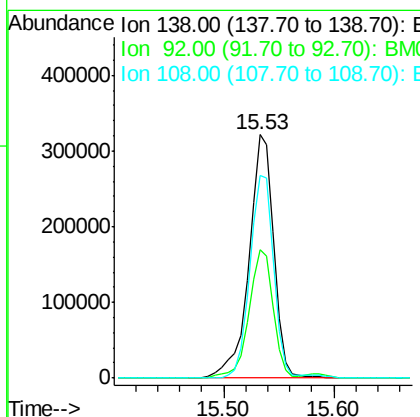
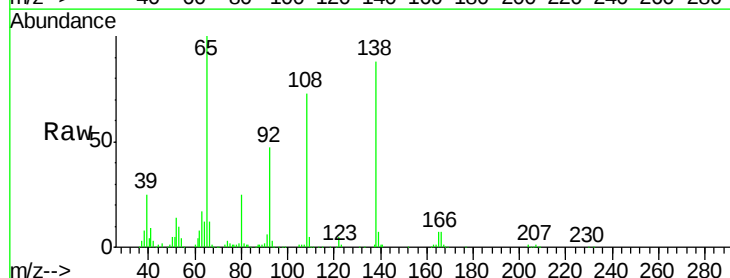
Manual Integrations
APPROVED

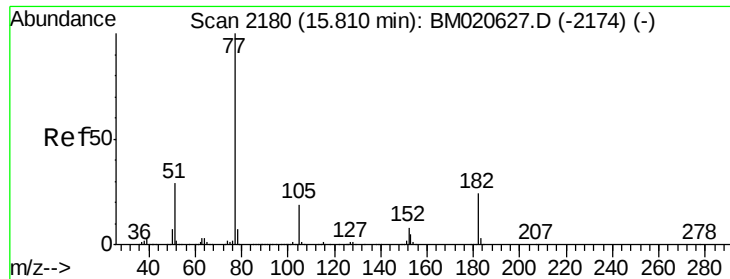
mohammad
6/6/2019 11:22:06 AM



#62
4-Nitroaniline
Concen: 33.475 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion:138 Resp: 509191
Ion Ratio Lower Upper
138 100
92 53.0 36.7 76.7
108 83.1 70.3 110.3





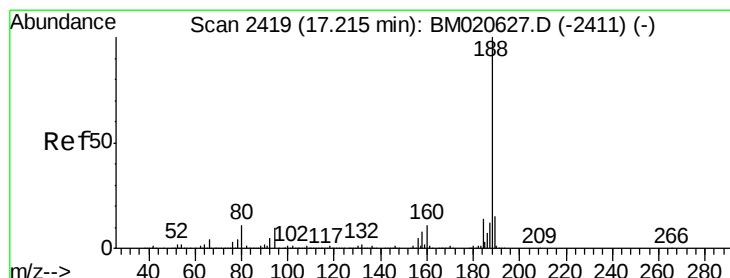
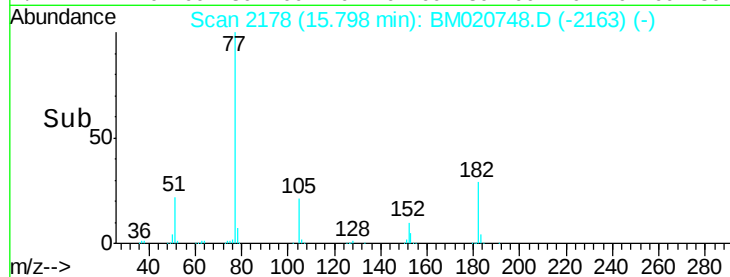
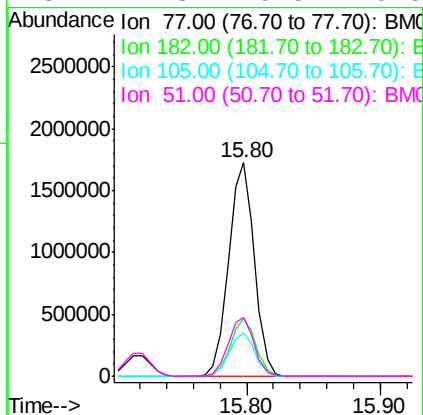
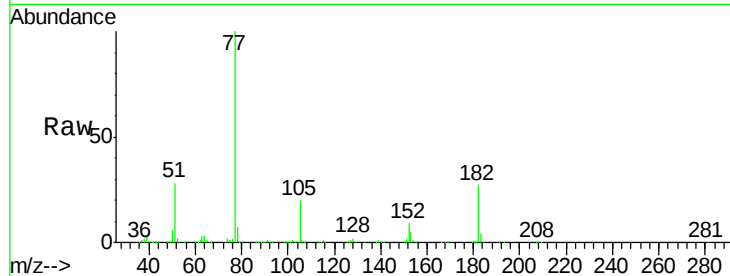
#63
Azobenzene
Concen: 36.937 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.2	3.6	43.6	
105	20.1	0.0	39.4	
51	27.8	9.5	49.5	

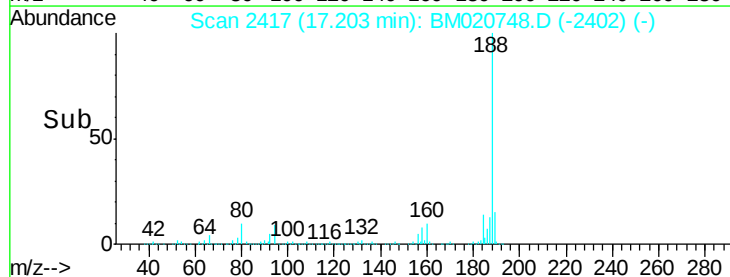
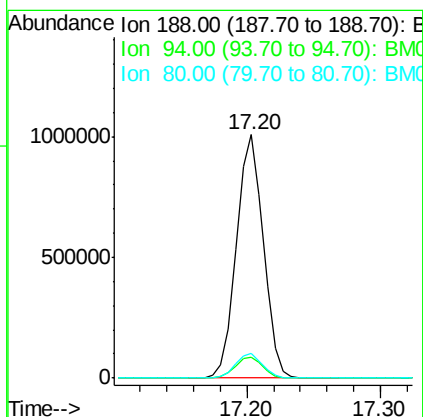
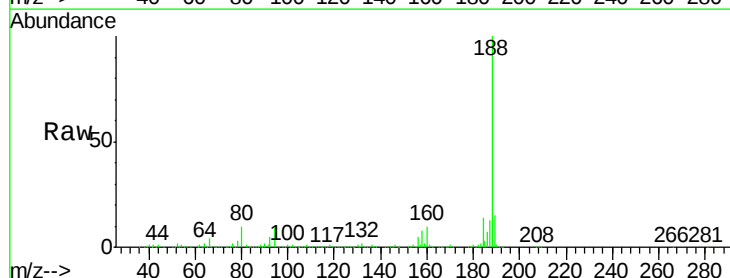
Manual Integrations
APPROVED

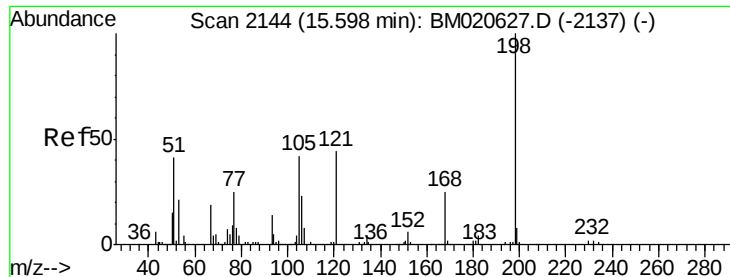
mohammad
6/6/2019 11:22:06 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	7.8	11.8	
80	10.1	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.407 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

ClientSampleId :

IDOC-03-RC

Tot Ion:198 Resp: 286411

Ion Ratio Lower Upper

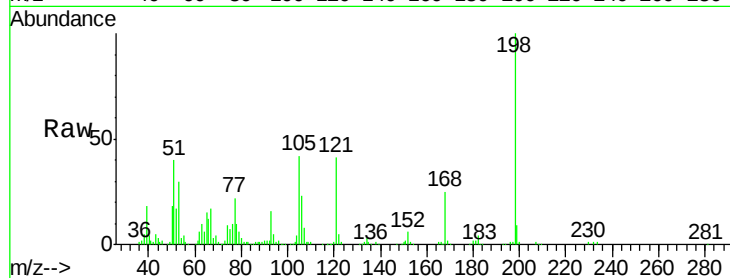
198 100

51 40.4 27.7 67.7

105 41.9 23.8 63.8

Manual Integrations
APPROVED

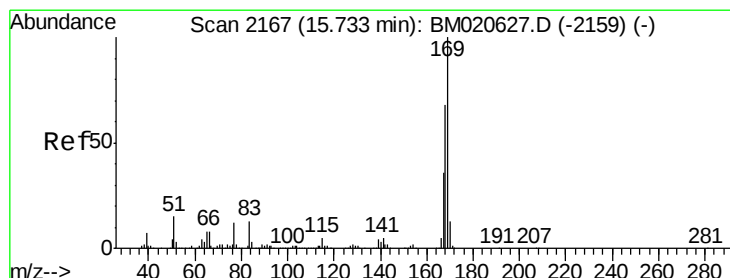
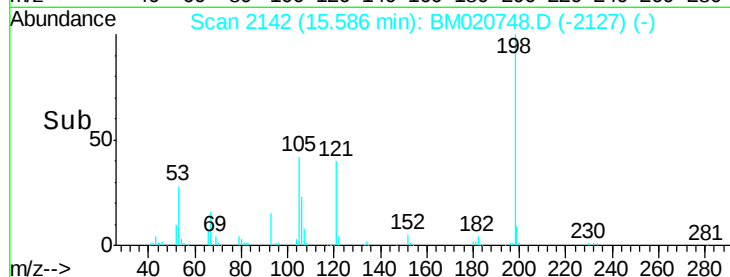
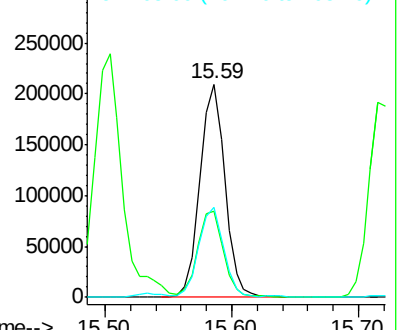
mohammad
6/6/2019 11:22:06 AM



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: 45.963 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

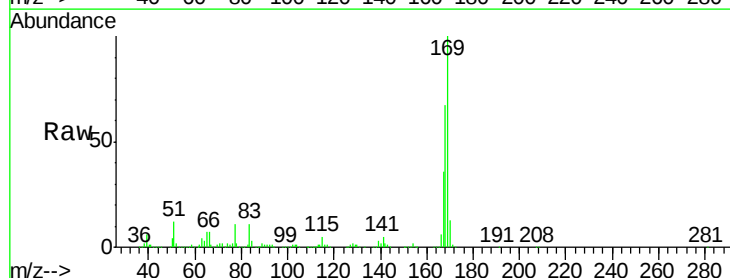
Tgt Ion:169 Resp: 2066292

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.4

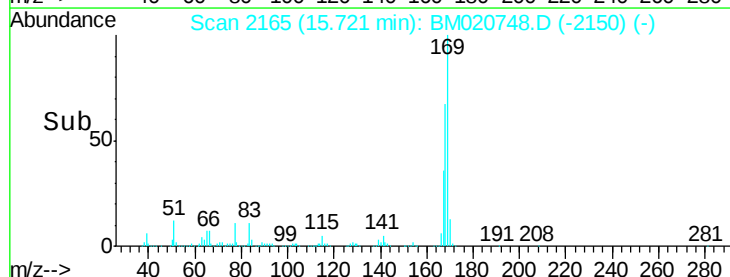
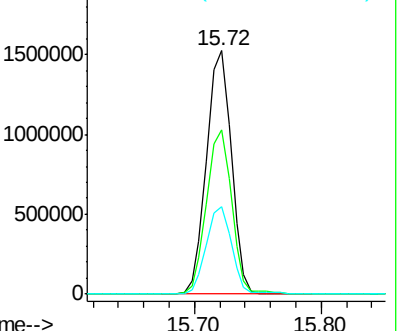
167 36.1 29.1 43.7

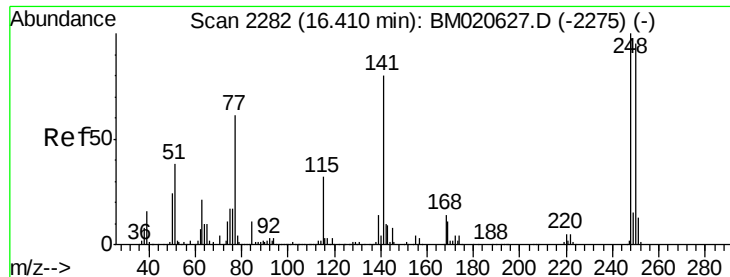


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





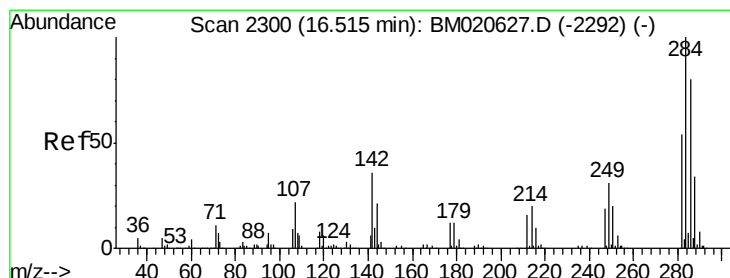
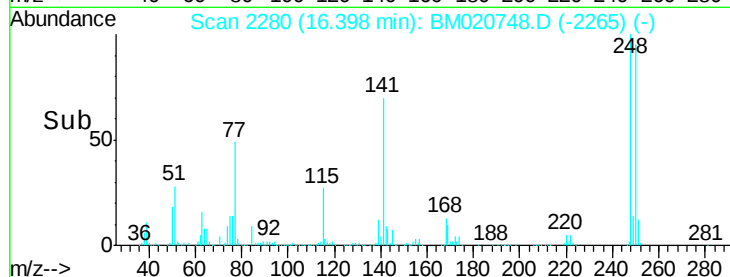
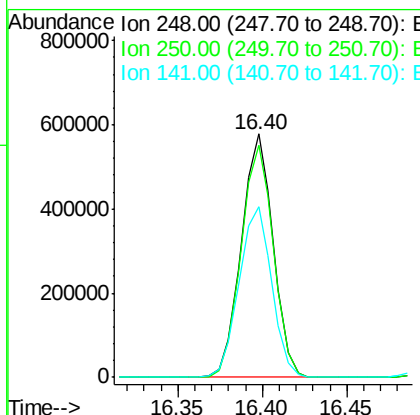
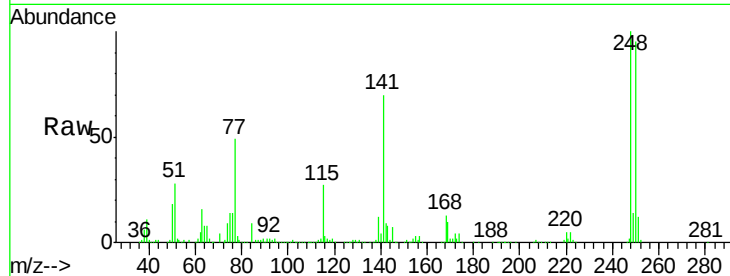
#67
4-Bromophenyl-phenylether
Concen: 45.724 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.3	114.5
141	69.9	64.2	96.2

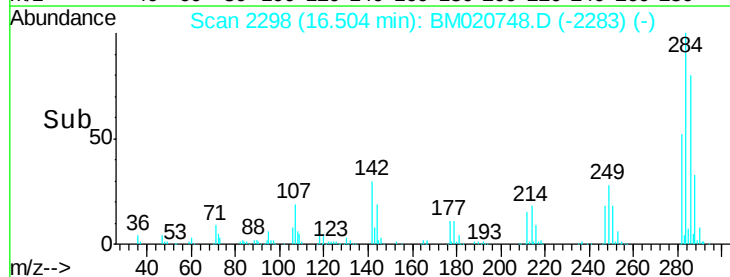
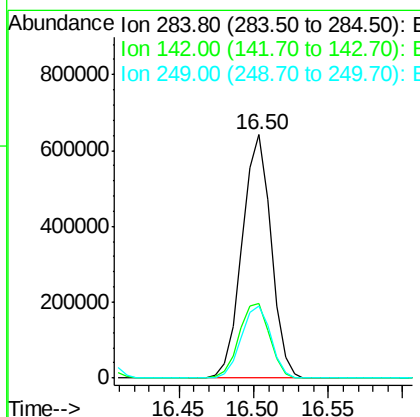
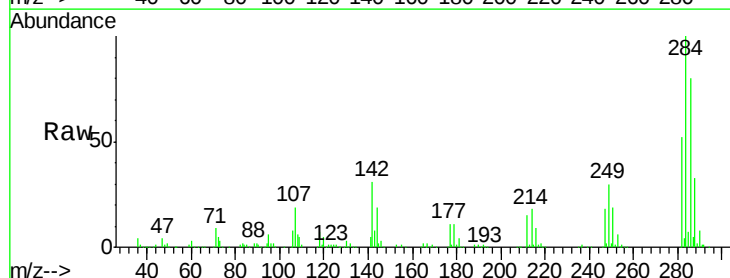
Manual Integrations
APPROVED

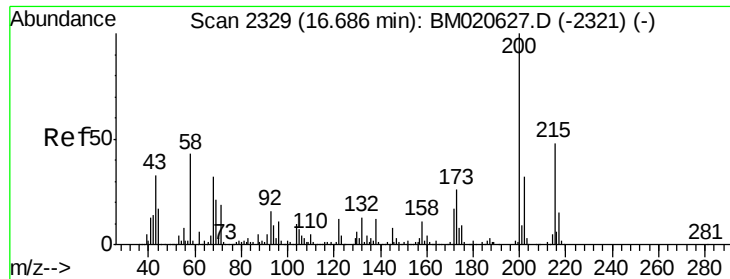
mohammad
6/6/2019 11:22:06 AM



#68
Hexachlorobenzene
Concen: 44.633 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	28.6	42.8
249	29.6	25.0	37.4





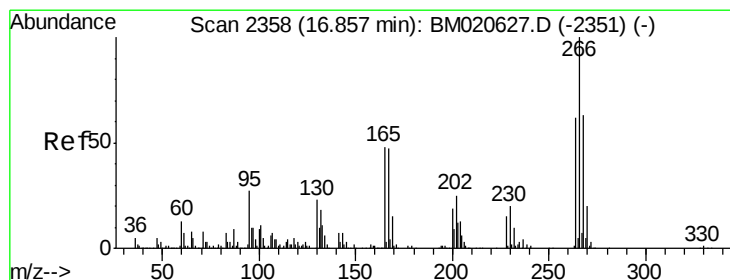
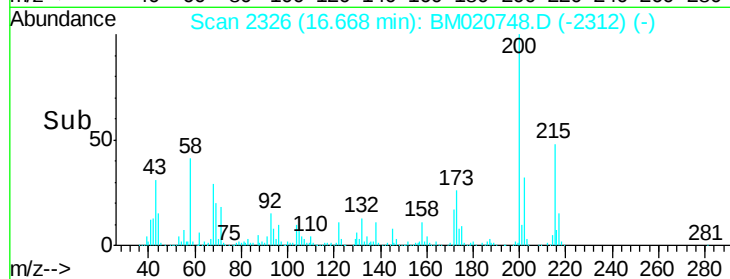
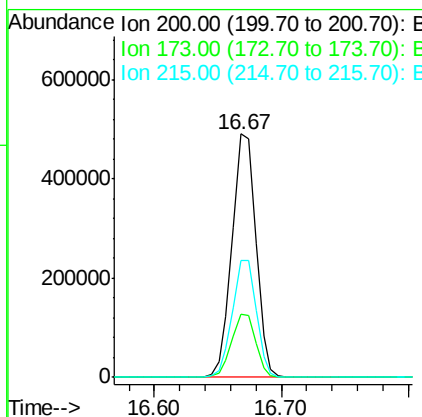
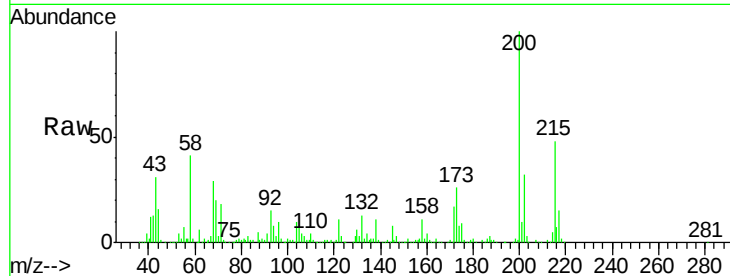
#69
Atrazine
Concen: 47.670 ng
RT: 16.67 min Scan# 2326
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.2	46.2
215	48.1	27.7	67.7

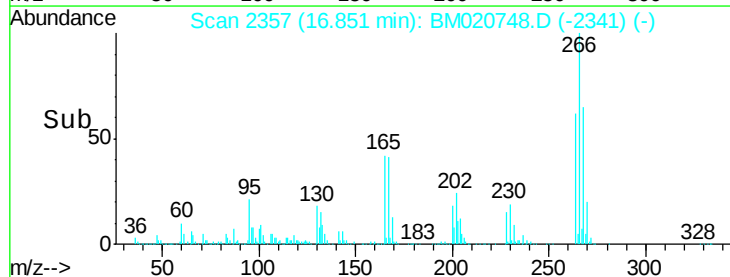
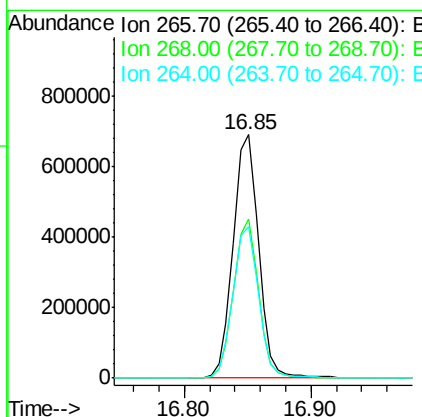
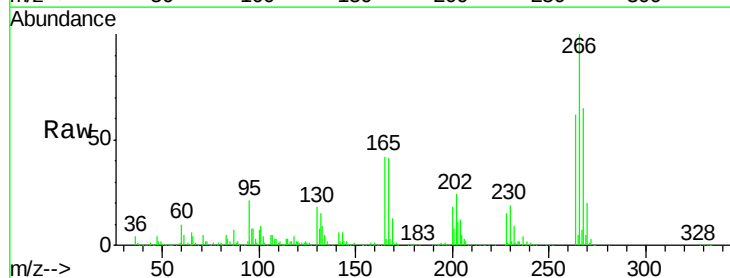
Manual Integrations
APPROVED

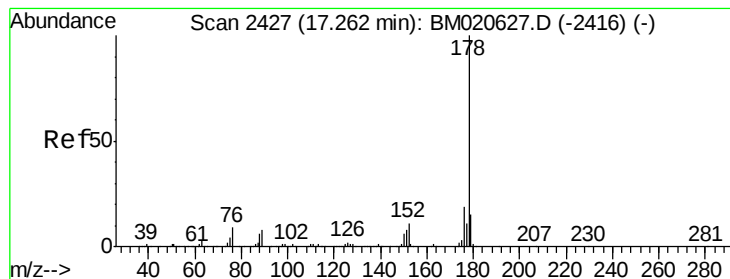
mohammad
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#70
Pentachlorophenol
Concen: 104.403 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.6	75.8
264	62.3	49.6	74.4





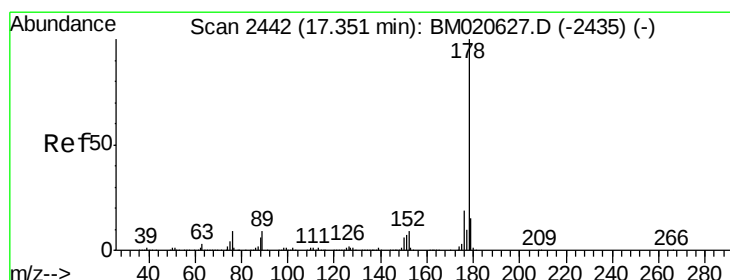
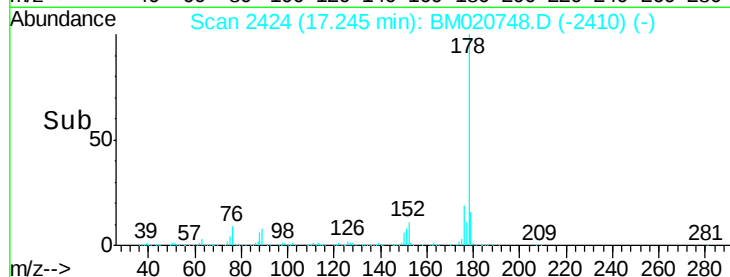
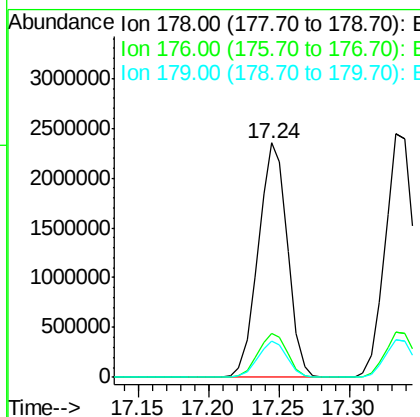
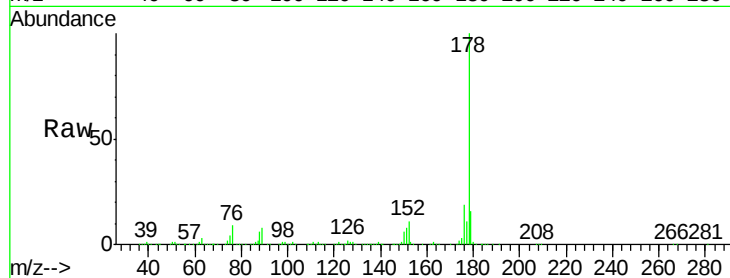
#71
Phenanthrene
Concen: 42.990 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.2	18.4

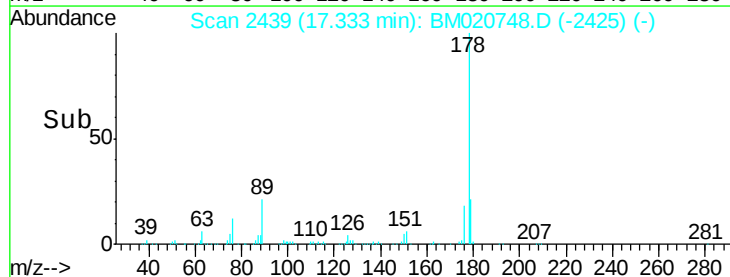
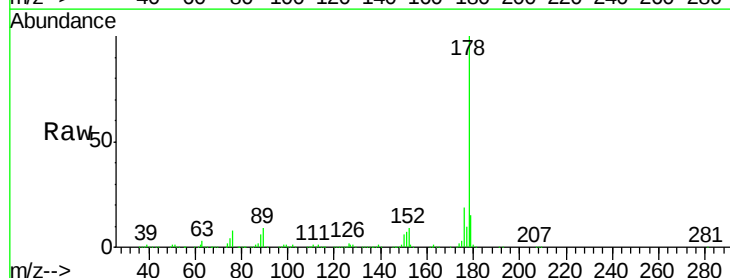
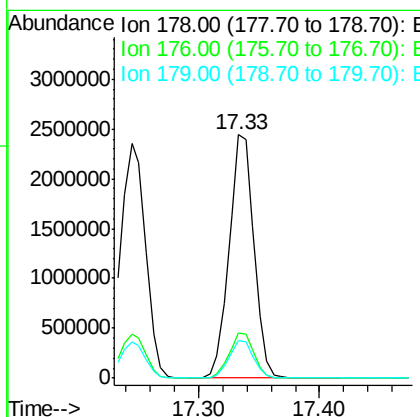
Manual Integrations
APPROVED

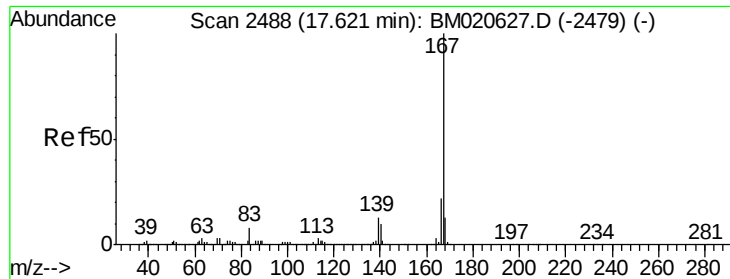
mohammad
6/6/2019 11:22:06 AM



#72
Anthracene
Concen: 43.555 ng
RT: 17.33 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.5	12.3	18.5





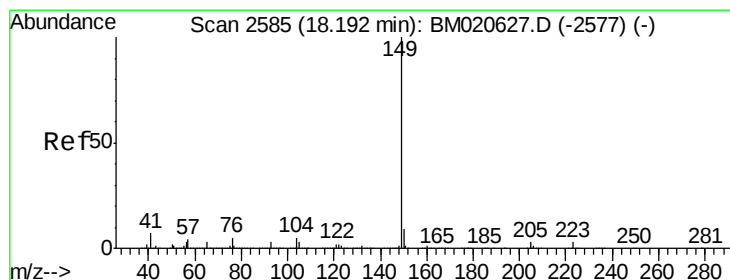
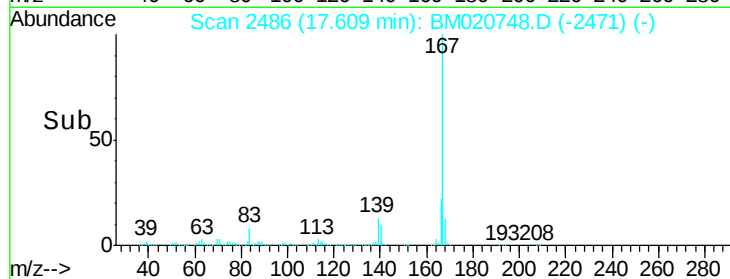
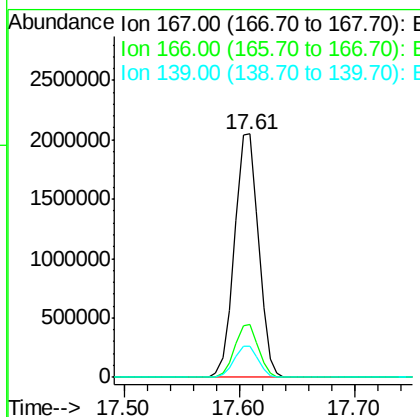
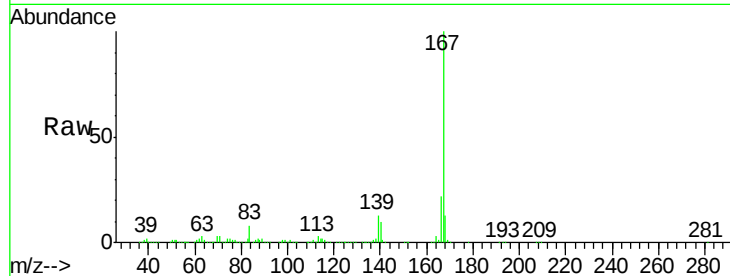
#73
 Carbazole
 Concen: 40.803 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.7	10.6	15.8

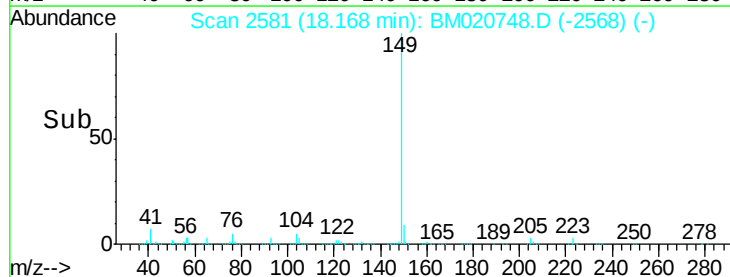
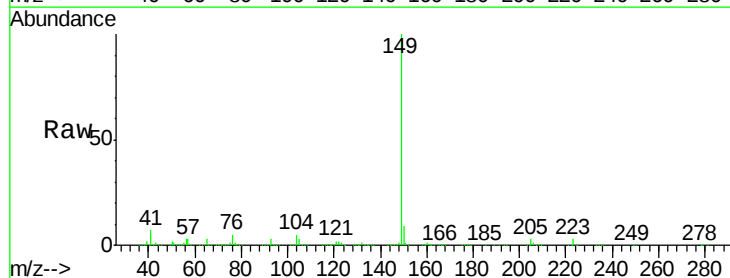
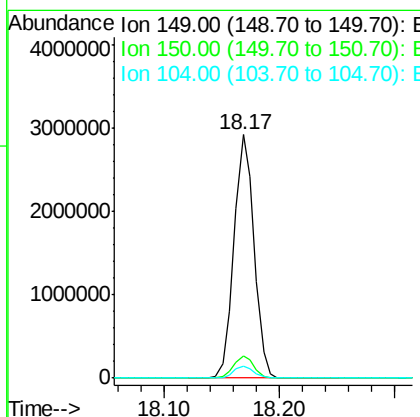
Manual Integrations
 APPROVED

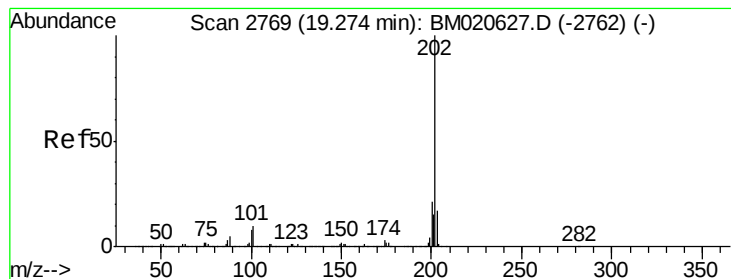
mohammad
 6/6/2019 11:22:06 AM



#74
 Di-n-butylphthalate
 Concen: 37.414 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.0	4.2	6.2





#75

Fluoranthene

Concen: 40.171 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

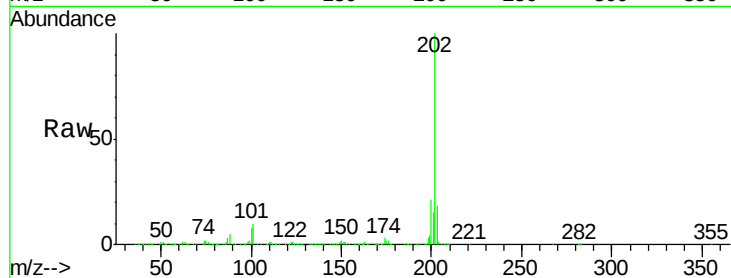
ClientSampleId :

IDOC-03-RC

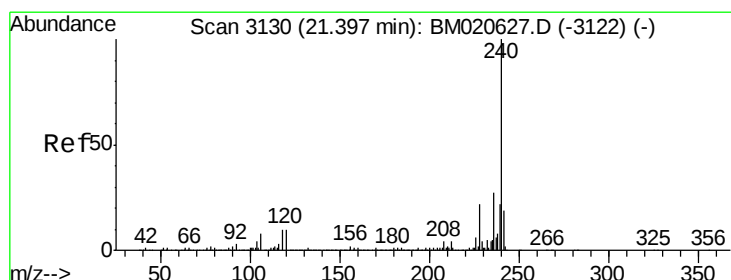
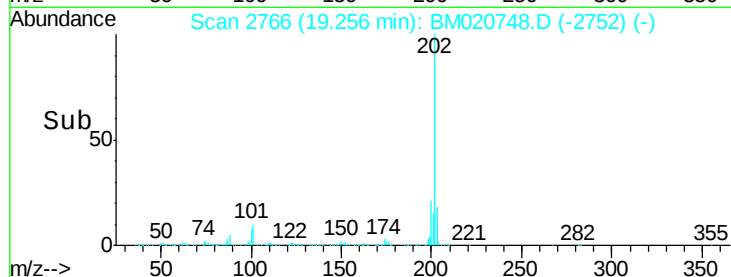
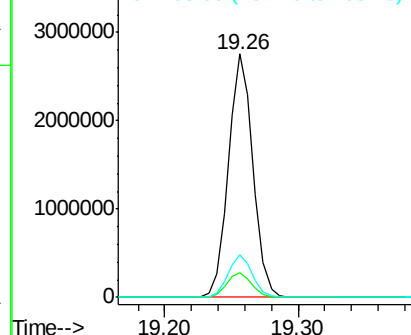
Tot Ion:	202	Resp:	3556099
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.4
203	17.7	0.0	37.3

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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

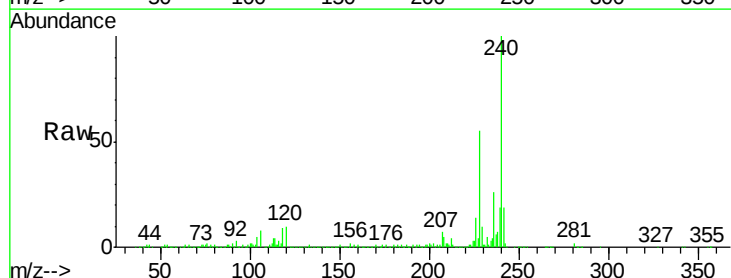
RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

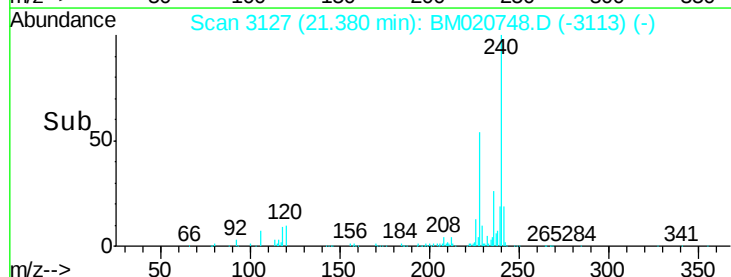
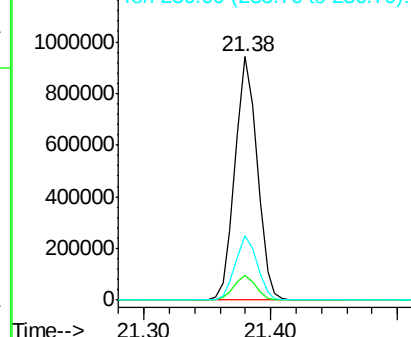
Lab File: BM020748.D

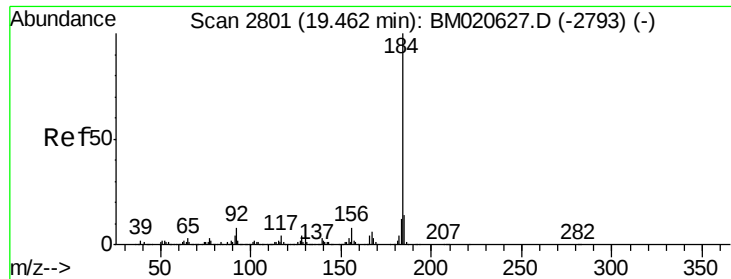
Acq: 05 Jun 2019 22:13

Tgt Ion:	240	Resp:	1136335
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	26.3	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





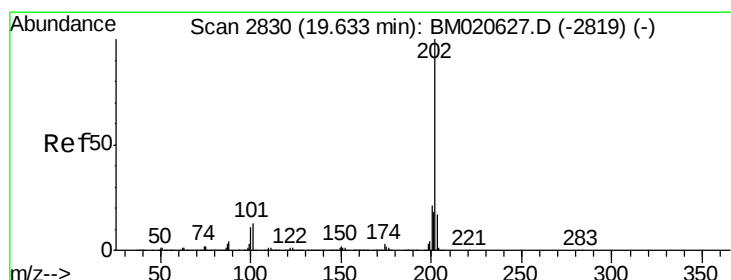
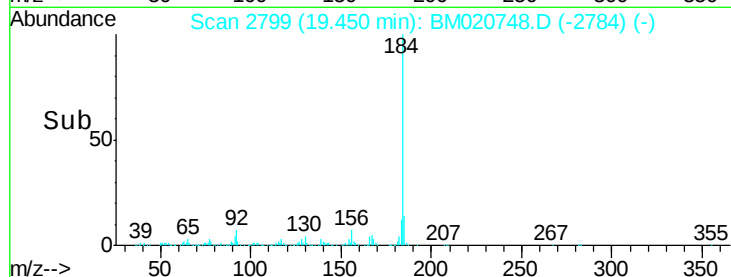
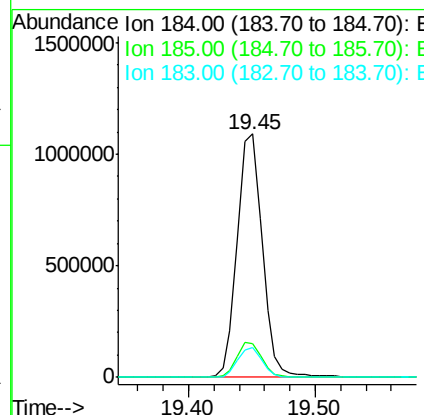
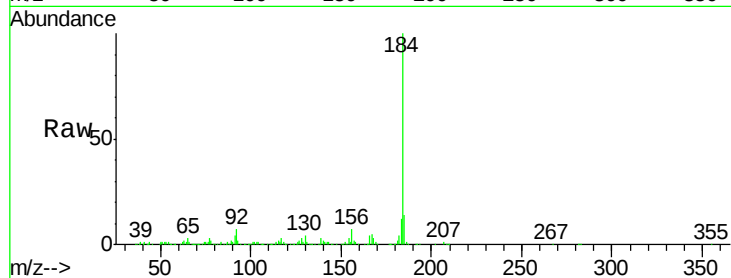
#77
Benzidine
Concen: 43.400 ng
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	12.1	9.8	14.6

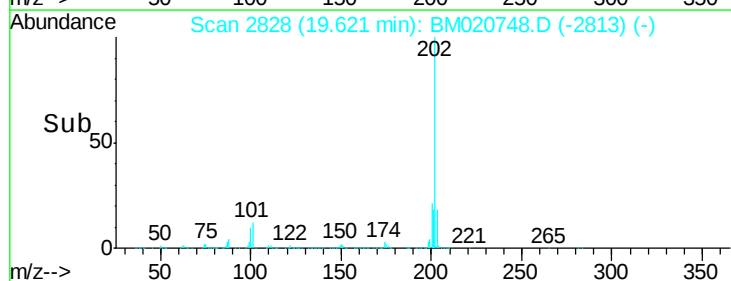
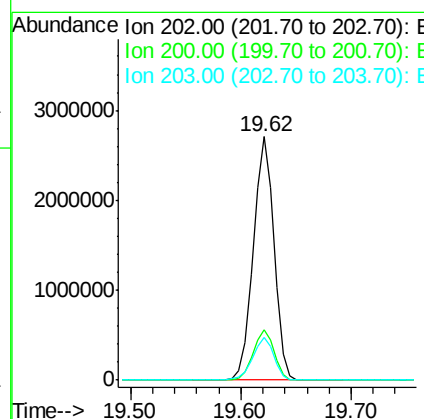
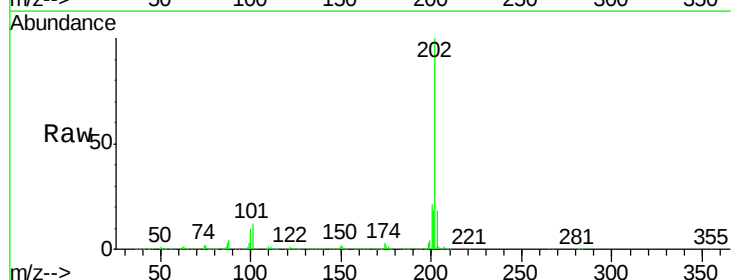
Manual Integrations
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#78
Pyrene
Concen: 40.918 ng
RT: 19.62 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.5	13.9	20.9





#79

Terphenyl-d14

Concen: 79.272 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

ClientSampleId :

IDOC-03-RC

Tot Ion:244 Resp: 5385414

Ion Ratio Lower Upper

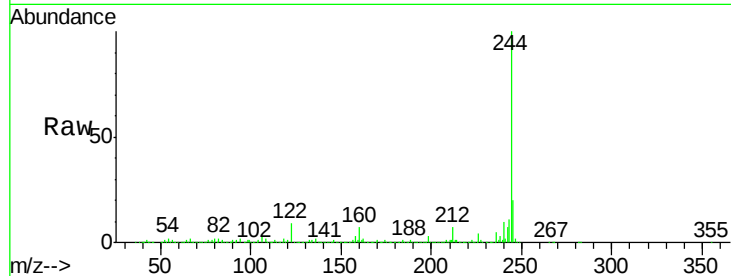
244 100

212 6.7 5.7 8.5

122 8.7 7.2 10.8

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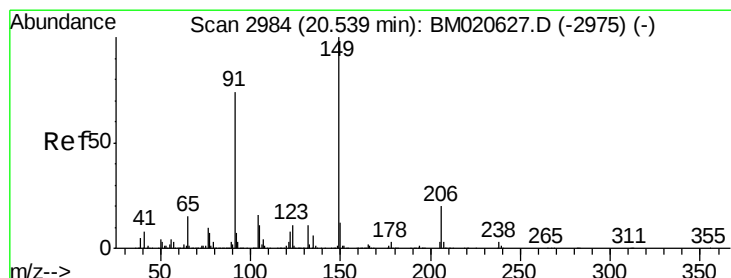
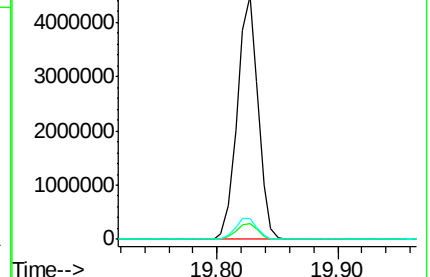
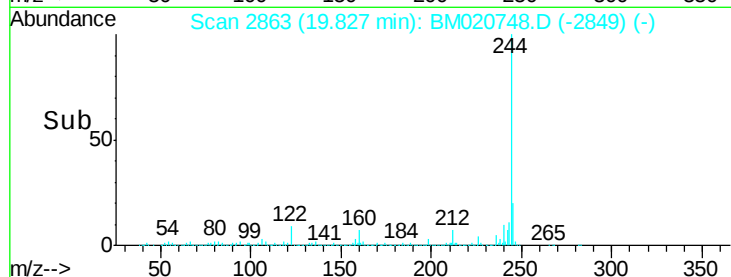
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.699 ng

RT: 20.52 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

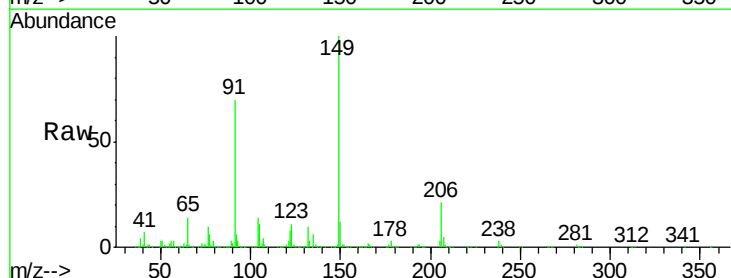
Tgt Ion:149 Resp: 1352411

Ion Ratio Lower Upper

149 100

91 70.1 59.6 89.4

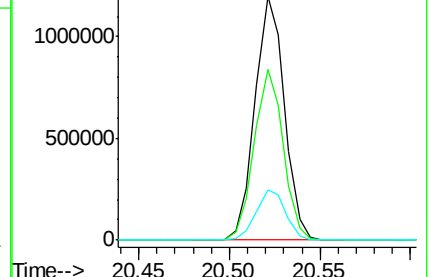
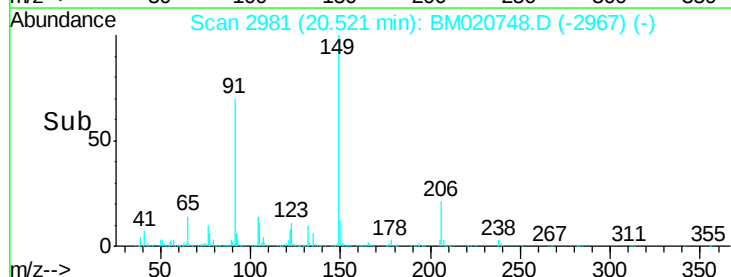
206 20.7 15.7 23.5

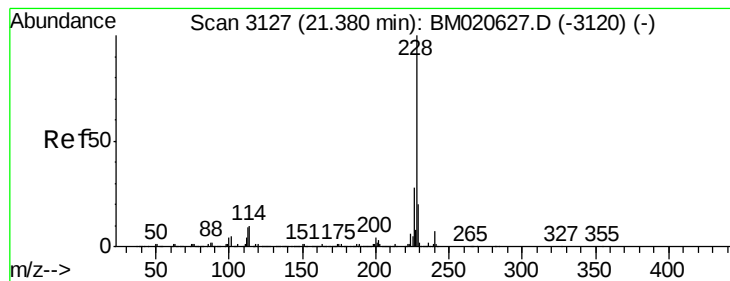


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.411 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

ClientSampleId :

IDOC-03-RC

Tot Ion:228 Resp: 3276991

Ion Ratio Lower Upper

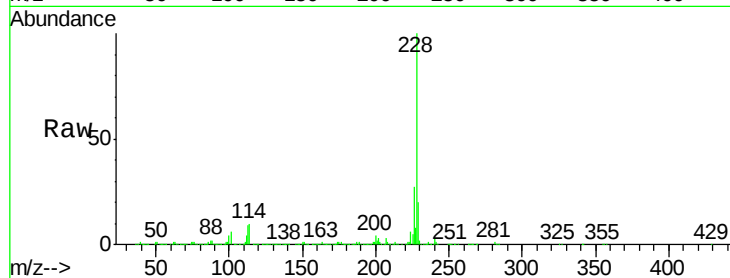
228 100

226 27.2 22.3 33.5

229 19.9 15.9 23.9

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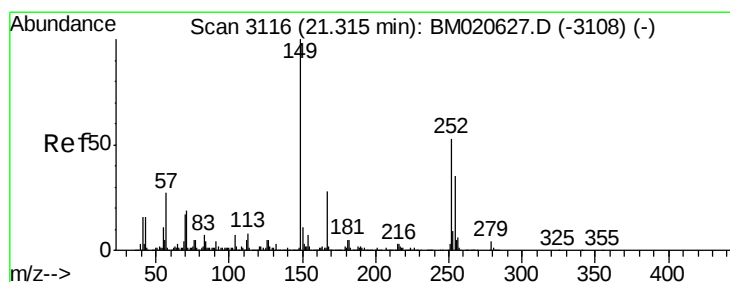
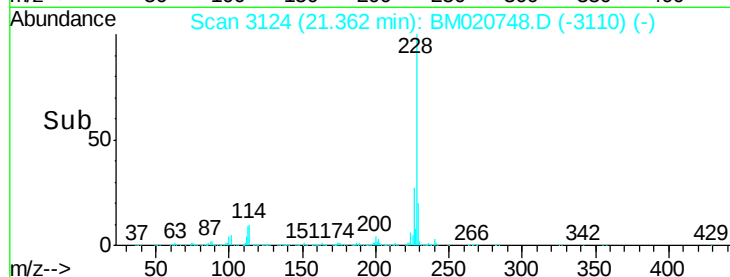
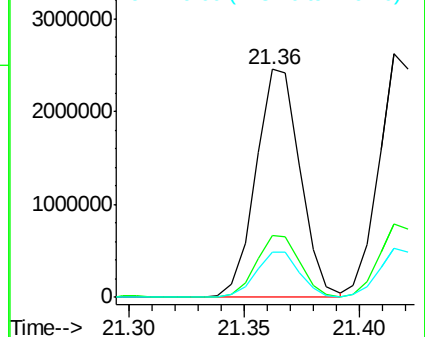
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.600 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

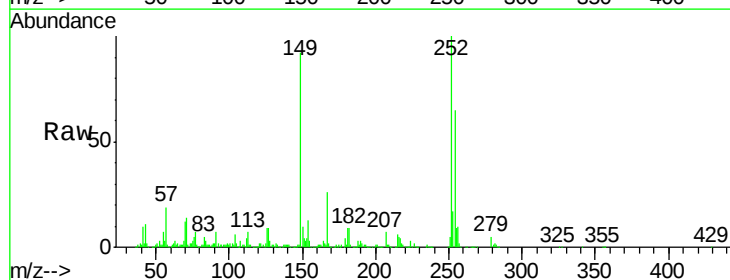
Tgt Ion:252 Resp: 1060584

Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

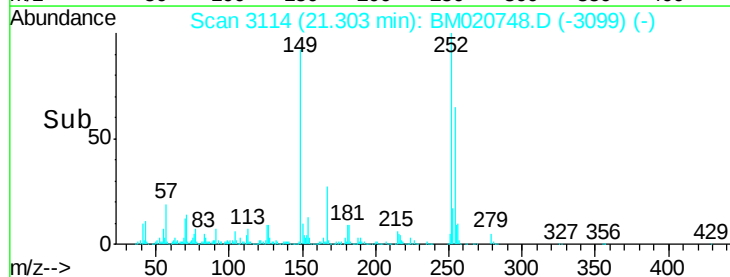
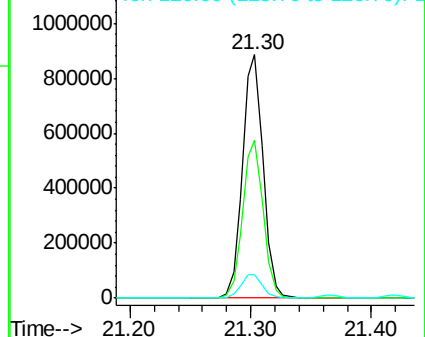
126 9.4 8.0 12.0

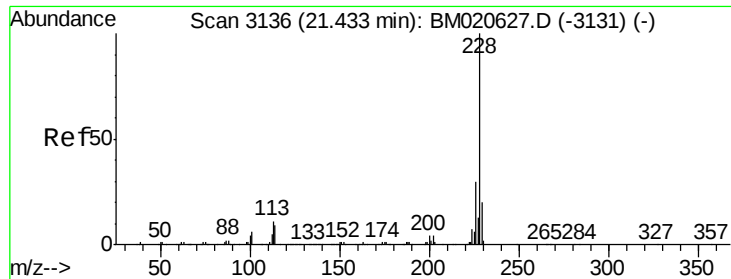


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83
 Chrysene
 Concen: 42.892 ng
 RT: 21.41 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

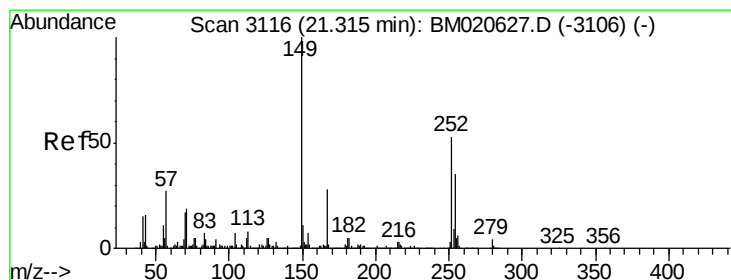
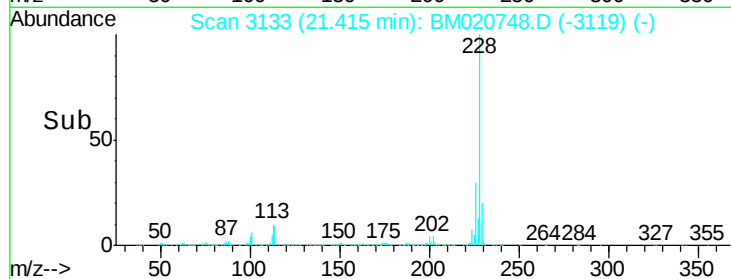
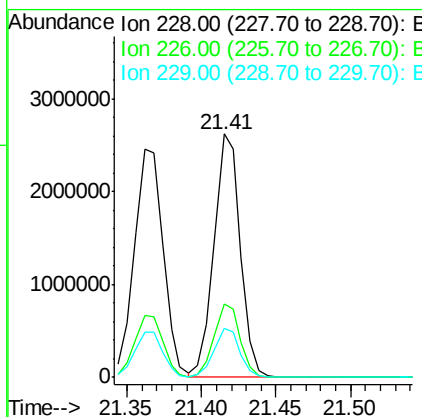
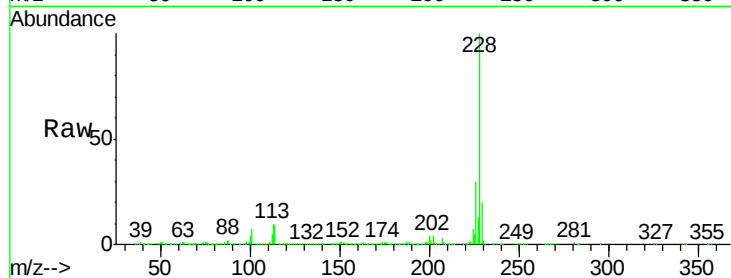
Instrument :
 BNA_M
 ClientSampleId :
 IDOC-03-RC

Tot Ion:228 Resp: 3226344

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	20.0	15.8	23.6

Manual Integrations
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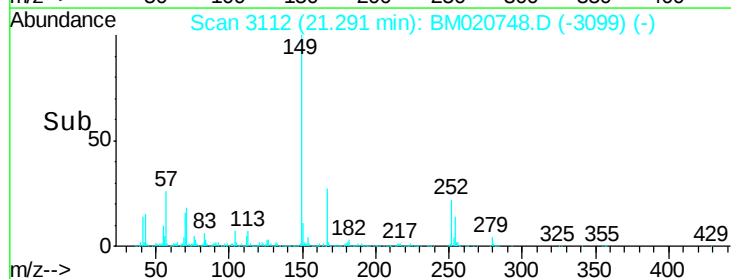
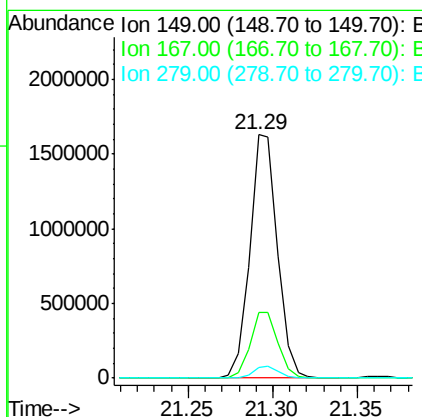
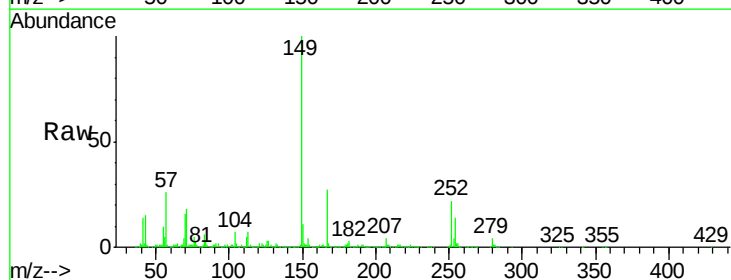
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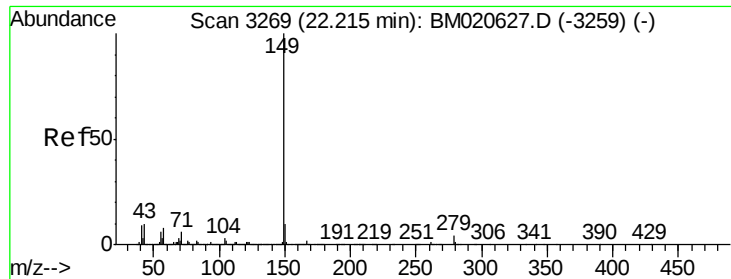


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.568 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BM020748.D
 Acq: 05 Jun 2019 22:13

Tgt Ion:149 Resp: 1851436

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.1	33.1
279	4.2	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 35.757 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.02 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

ClientSampleId :

IDOC-03-RC

Tot Ion:149 Resp: 3040474

Ion Ratio Lower Upper

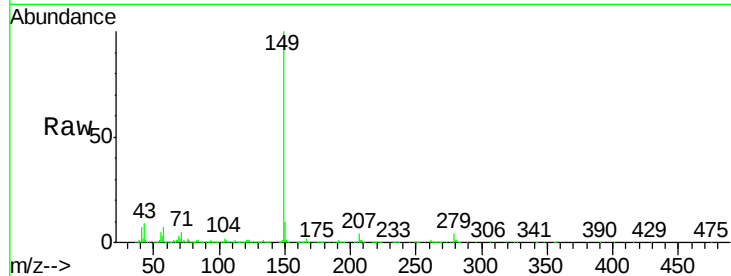
149 100

167 1.6 1.3 1.9

43 8.8 8.2 12.4

Manual Integrations
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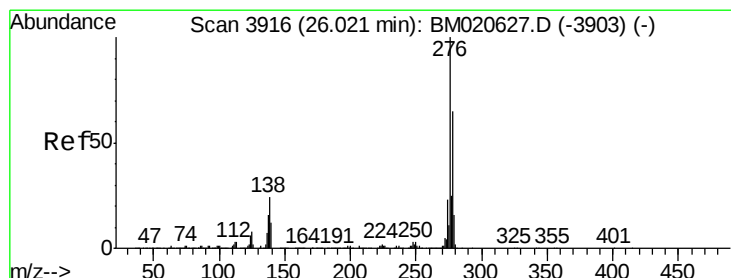
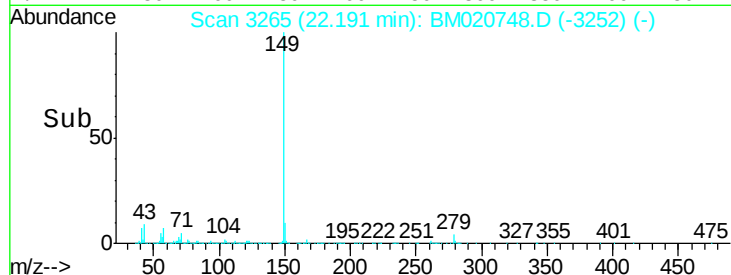
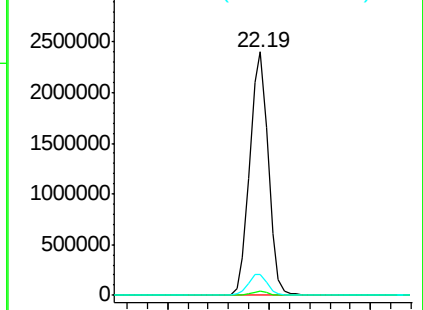
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.096 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.03 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

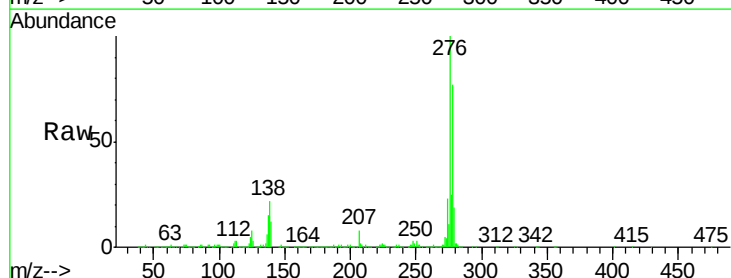
Tgt Ion:276 Resp: 4701606

Ion Ratio Lower Upper

276 100

138 22.6 19.8 29.8

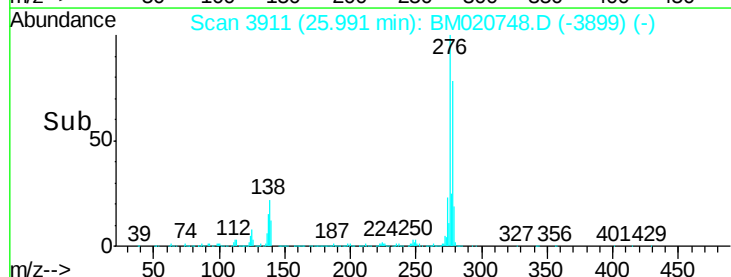
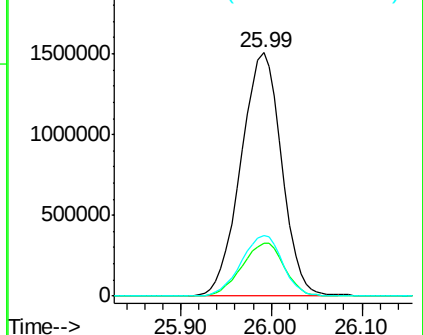
277 25.3 20.2 30.4

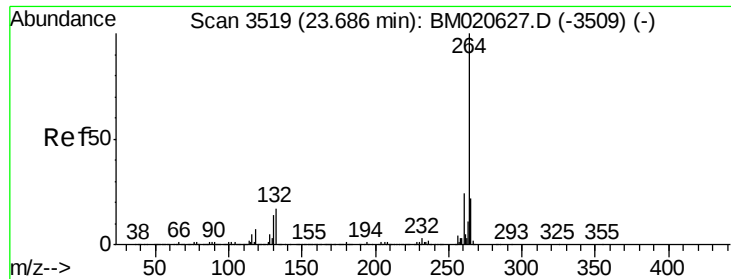


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





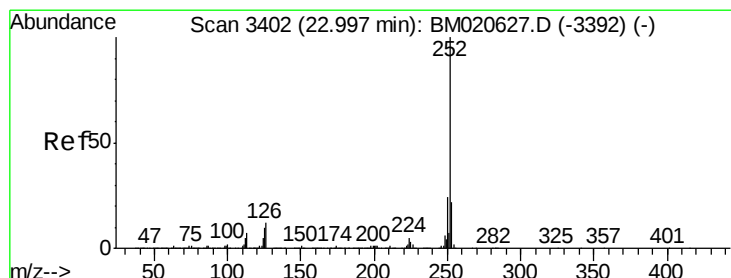
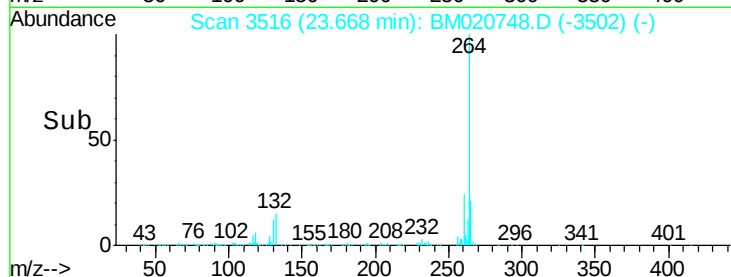
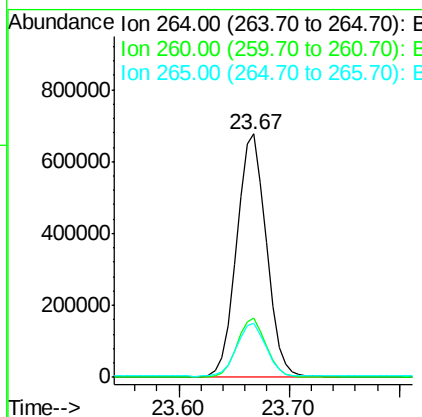
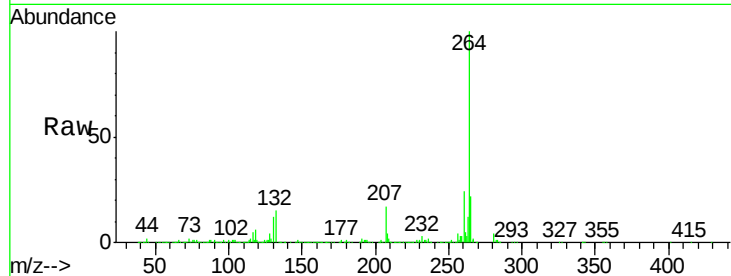
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.6	26.4

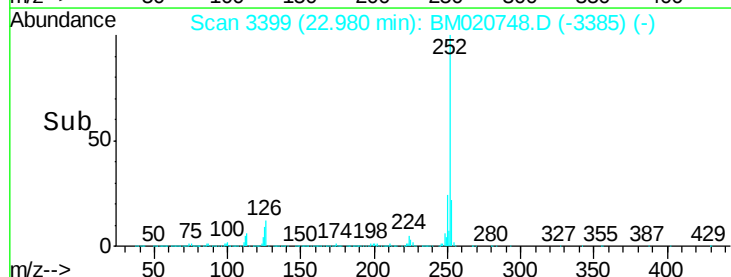
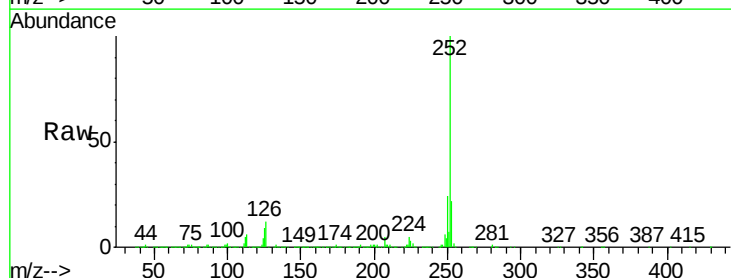
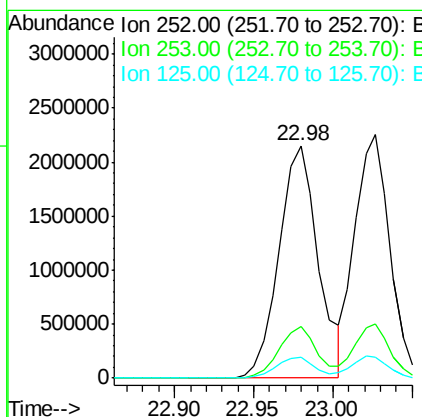
Manual Integrations
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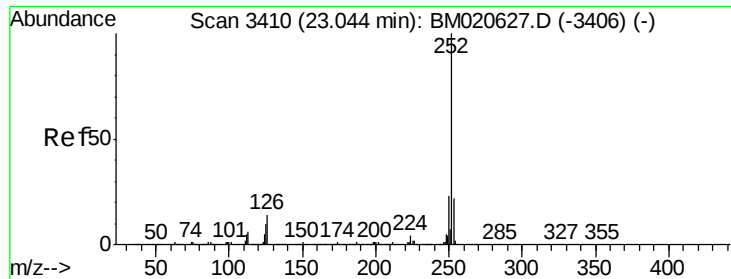
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.588 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	8.9	7.8	11.8





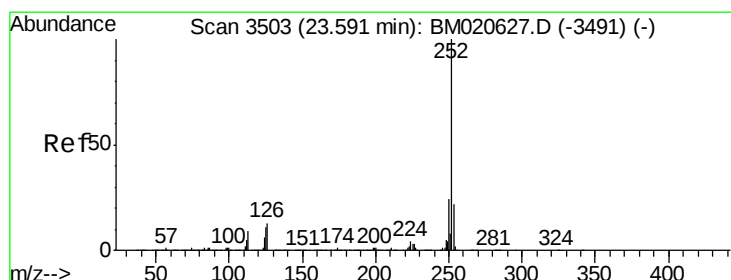
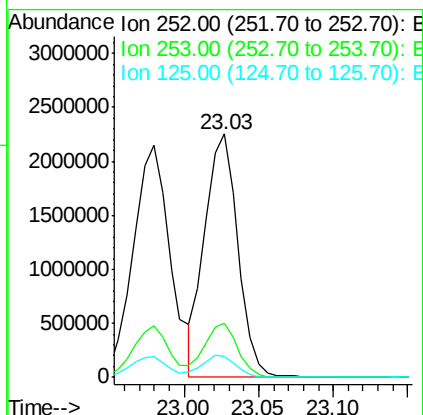
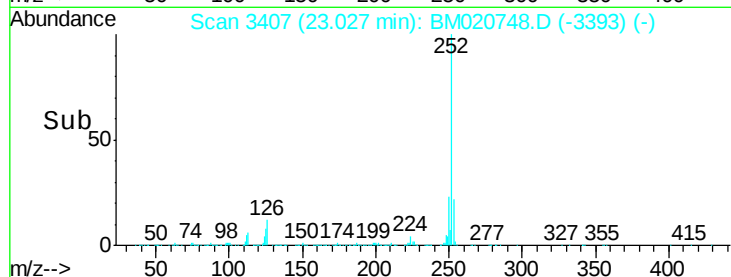
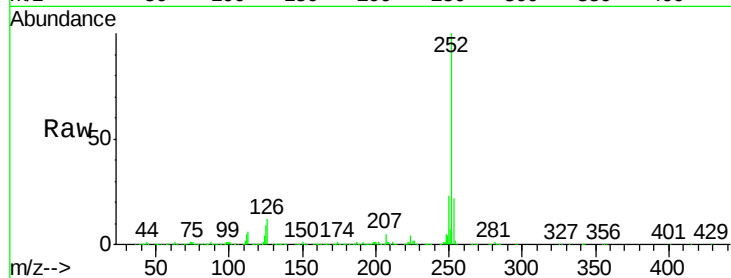
#89
Benzo(k)fluoranthene
Concen: 41.813 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Instrument :
BNA_M
ClientSampleId :
IDOC-03-RC

Tot Ion:252 Resp: 3466222
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.5 7.8 11.8

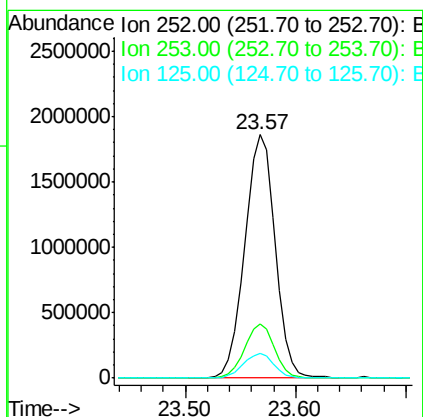
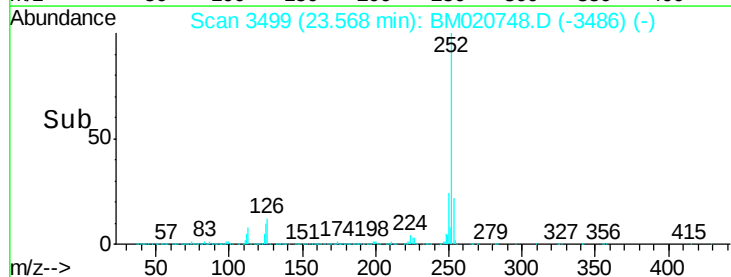
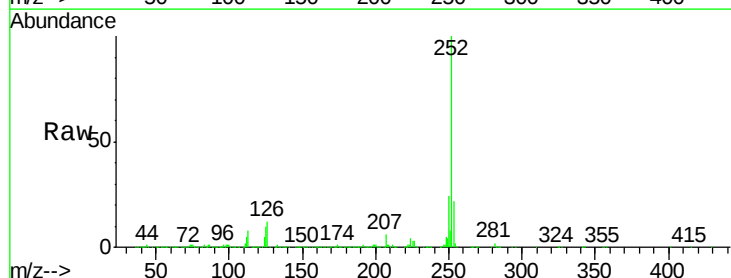
Manual Integrations
APPROVED

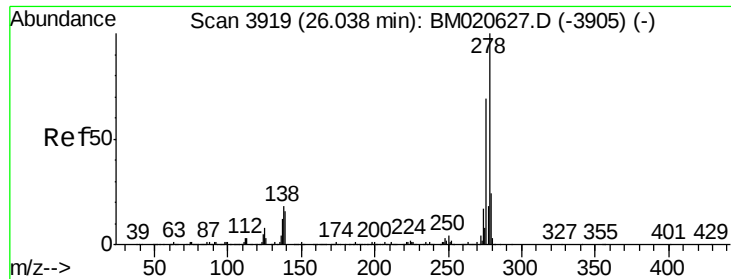
mohammad
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#90
Benzo(a)pyrene
Concen: 46.764 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020748.D
Acq: 05 Jun 2019 22:13

Tgt Ion:252 Resp: 3598104
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.2 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 52.855 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.04 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

Instrument :

BNA_M

ClientSampleId :

IDOC-03-RC

Tot Ion:278 Resp: 3945514

Ion Ratio Lower Upper

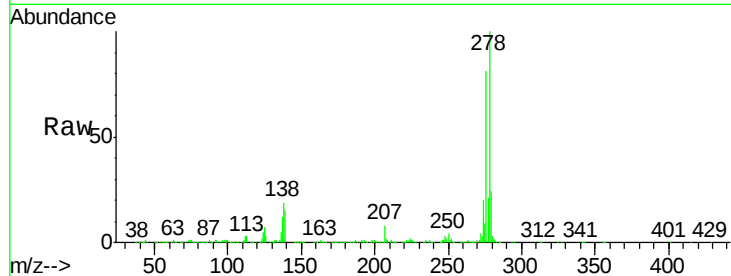
278 100

139 14.6 12.6 18.8

279 23.8 19.0 28.6

Manual Integrations
APPROVED

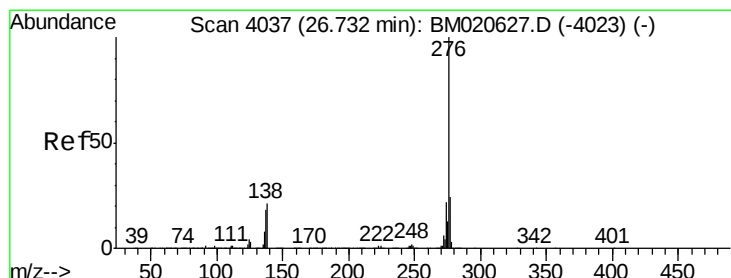
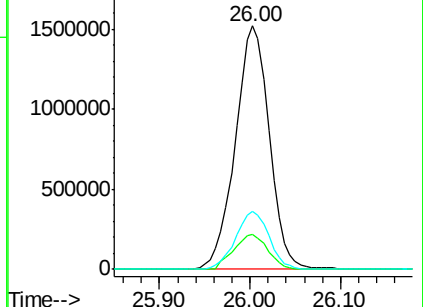
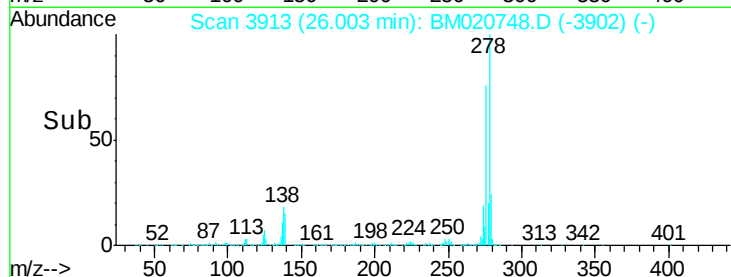
mohammad
6/6/2019 11:22:06 AM



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: 55.512 ng

RT: 26.70 min Scan# 4032

Delta R.T. -0.03 min

Lab File: BM020748.D

Acq: 05 Jun 2019 22:13

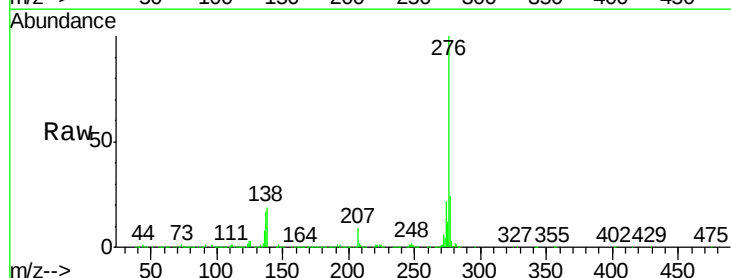
Tgt Ion:276 Resp: 3849001

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 19.4 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

