

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020747.D
 Acq On : 05 Jun 2019 21:36
 Operator : HP/JU
 Sample : IDOC-02-RC
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02-RC

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:22:02 AM

Quant Time: Jun 06 03:41:13 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	361135	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1430137	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	753553	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1415592	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1150995	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1278013	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	2871999	139.89	ng	-0.01
7) Phenol-d6	6.99	99	3766890	124.61	ng	0.00
23) Nitrobenzene-d5	8.99	82	2257276	81.78	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1291102	138.29	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	5082808	89.67	ng	-0.01
79) Terphenyl-d14	19.83	244	5557485	80.76	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.35	88	328291	39.057 ng	95
3) Pyridine	3.74	79	937764	35.066 ng	96
4) n-Nitrosodimethylamine	3.66	42	429533	37.259 ng	92
6) Aniline	7.16	93	1355632	30.993 ng	98
8) 2-Chlorophenol	7.39	128	1123613	43.994 ng	99
9) Benzaldehyde	6.97	77	331645	15.160 ng	96
10) Phenol	7.02	94	1376846	42.264 ng	98
11) bis(2-Chloroethyl)ether	7.26	93	998283	38.451 ng	96
12) 1,3-Dichlorobenzene	7.71	146	1158694	39.475 ng	99
13) 1,4-Dichlorobenzene	7.86	146	1189366	39.858 ng	98
14) 1,2-Dichlorobenzene	8.17	146	1139938	39.255 ng	99
15) Benzyl Alcohol	8.06	79	995296	37.217 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1342439	33.491 ng	98
17) 2-Methylphenol	8.26	107	920390	40.178 ng	98
18) Hexachloroethane	8.89	117	429801	37.620 ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	831032	34.199 ng	95
20) 3+4-Methylphenols	8.59	107	1215089	38.986 ng	97
22) Acetophenone	8.65	105	1557179	42.861 ng	96
24) Nitrobenzene	9.03	77	1215425	43.133 ng	98
25) Isophorone	9.55	82	2157167	39.288 ng	99
26) 2-Nitrophenol	9.73	139	540279	51.445 ng	97
27) 2,4-Dimethylphenol	9.79	122	985916	50.100 ng	97
28) bis(2-Chloroethoxy)methane	10.03	93	1333928	40.181 ng	100
29) 2,4-Dichlorophenol	10.26	162	1020813	46.885 ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1124240	44.907 ng	99
31) Naphthalene	10.66	128	3205735	43.590 ng	100
32) Benzoic acid	9.93	122	554153m	45.087 ng	
33) 4-Chloroaniline	10.77	127	546351	15.963 ng	97
34) Hexachlorobutadiene	10.94	225	654108	43.545 ng	100
35) Caprolactam	11.57	113	275730m	36.454 ng	
36) 4-Chloro-3-methylphenol	11.89	107	1021419	40.350 ng	99
37) 2-Methylnaphthalene	12.27	142	2333225	42.802 ng	99
38) 1-Methylnaphthalene	12.49	142	2196412	42.316 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1223027	49.526 ng	99

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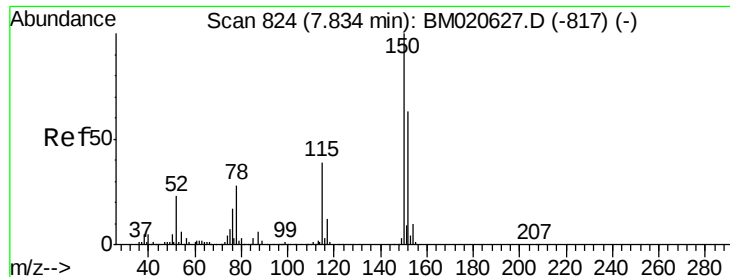
Manual Integrations
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 6/6/2019 11:22:02 AM

Quant Time: Jun 06 03:41:13 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)
41) Hexachlorocyclopentadiene	12.62	237	1534003	103.865	nq	100
43) 2,4,6-Trichlorophenol	12.88	196	766640	48.230	nq	99
44) 2,4,5-Trichlorophenol	12.95	196	810959	49.417	nq	96
46) 1,1'-Biphenyl	13.29	154	2898685	46.059	nq	99
47) 2-Chloronaphthalene	13.33	162	2238800	44.076	nq	98
48) 2-Nitroaniline	13.54	65	607669	38.117	nq	93
49) Acenaphthylene	14.18	152	3471187	43.798	nq	100
50) Dimethylphthalate	13.92	163	2623116	40.744	nq	100
51) 2,6-Dinitrotoluene	14.04	165	564670	43.196	nq	92
52) Acenaphthene	14.52	154	2014066	42.644	nq	98
53) 3-Nitroaniline	14.37	138	361557	24.780	nq	93
54) 2,4-Dinitrophenol	14.57	184	470958	83.404	nq	91
55) Dibenzofuran	14.86	168	3168872	43.199	nq	98
56) 4-Nitrophenol	14.67	139	858547	79.849	nq	92
57) 2,4-Dinitrotoluene	14.83	165	728217	41.605	nq	91
58) Fluorene	15.51	166	2479725	41.107	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	675334	47.227	nq	95
60) Diethylphthalate	15.29	149	2520327	37.958	nq	99
61) 4-Chlorophenyl-phenylether	15.50	204	1330392	41.653	nq	94
62) 4-Nitroaniline	15.53	138	523196	33.810	nq	94
63) Azobenzene	15.80	77	2357681	37.038	nq	95
65) 4,6-Dinitro-2-methylphenol	15.59	198	286738	45.157	nq	93
66) n-Nitrosodiphenylamine	15.72	169	2108120	46.520	nq	100
67) 4-Bromophenyl-phenylether	16.40	248	766545	45.991	nq	93
68) Hexachlorobenzene	16.50	284	881167	45.275	nq	94
69) Atrazine	16.67	200	667482	49.352	nq	100
70) Pentachlorophenol	16.85	266	979309	105.475	nq	99
71) Phenanthrene	17.24	178	3469843	43.243	nq	100
72) Anthracene	17.33	178	3548485	44.184	nq	100
73) Carbazole	17.61	167	2998935	41.149	nq	99
74) Di-n-butylphthalate	18.17	149	3653586	38.619	nq	99
75) Fluoranthene	19.26	202	3630587	40.686	nq	99
77) Benzidine	19.45	184	1520250	43.590	nq	99
78) Pyrene	19.62	202	3647905	41.301	nq	100
80) Butylbenzylphthalate	20.52	149	1376298	36.872	nq	96
81) Benzo(a)anthracene	21.37	228	3277868	40.895	nq	99
82) 3,3'-Dichlorobenzidine	21.30	252	1009032	34.378	nq	99
83) Chrysene	21.42	228	3252624	42.690	nq	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1916802	35.333	nq	99
85) Di-n-octyl phthalate	22.19	149	3084976	35.818	nq	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4599981	59.014	nq	98
88) Benzo(b)fluoranthene	22.98	252	3579303	42.374	nq	99
89) Benzo(k)fluoranthene	23.03	252	3486909	42.241	nq	99
90) Benzo(a)pyrene	23.57	252	3536027	46.152	nq	99
91) Dibenzo(a,h)anthracene	26.01	278	3848204	51.770	nq	98
92) Benzo(g,h,i)perylene	26.70	276	3755198	54.389	nq	98

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



#1

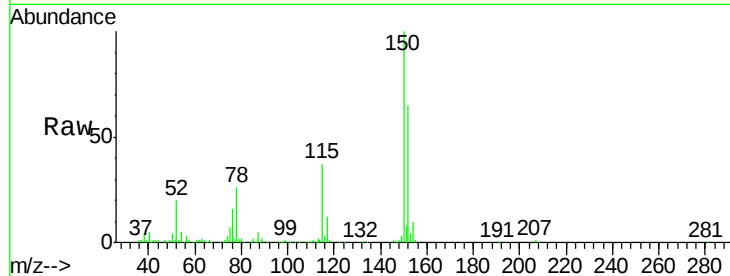
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

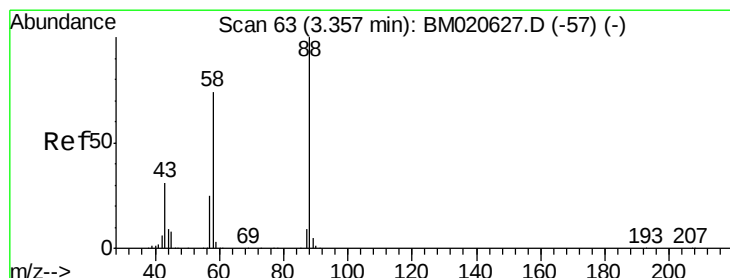
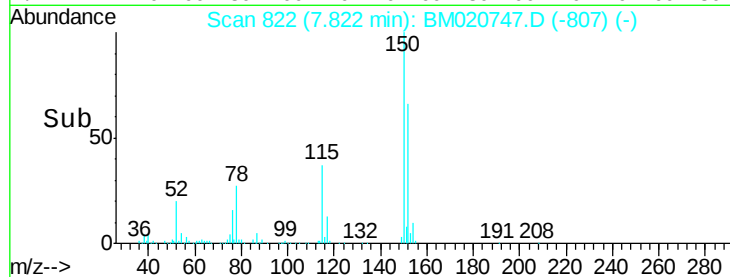
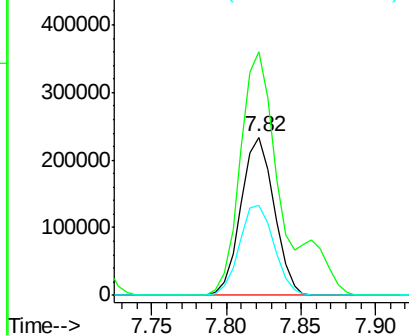
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.0	189.0
115	57.0	49.6	74.4

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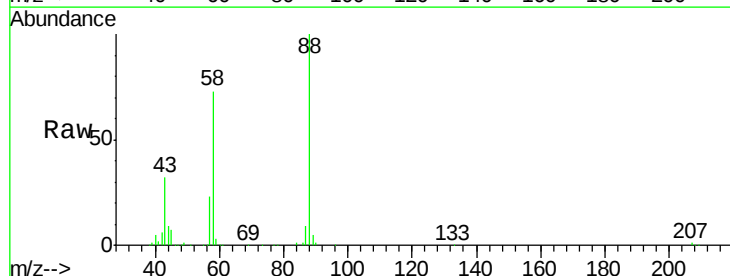
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



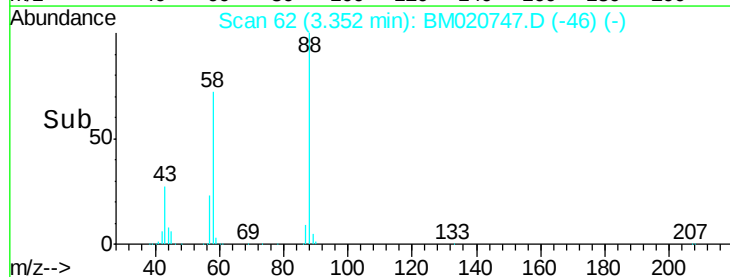
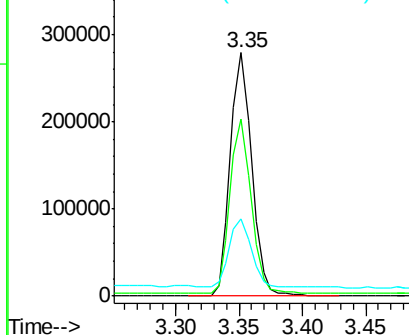
#2

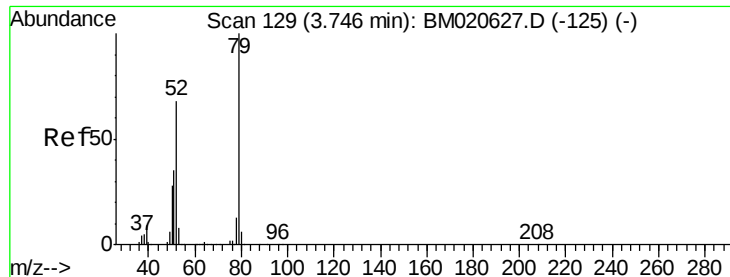
1,4-Dioxane
Concen: 39.057 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	60.2	90.4
43	29.0	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: 35.066 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

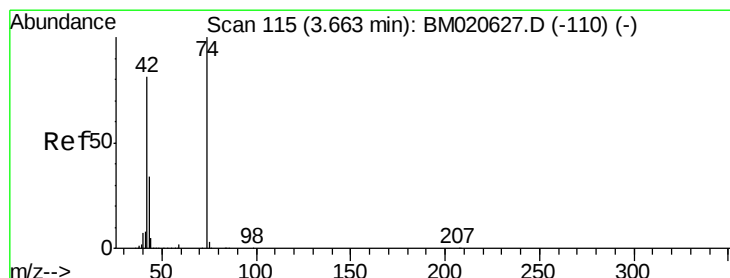
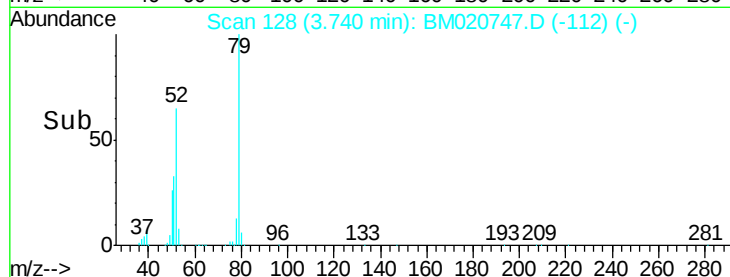
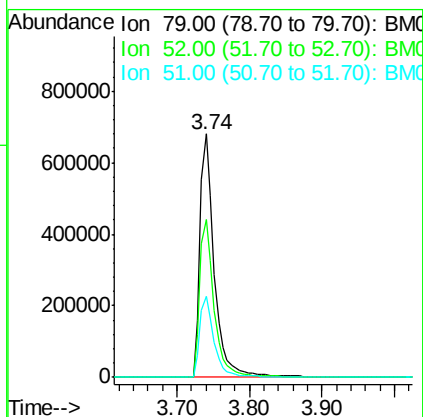
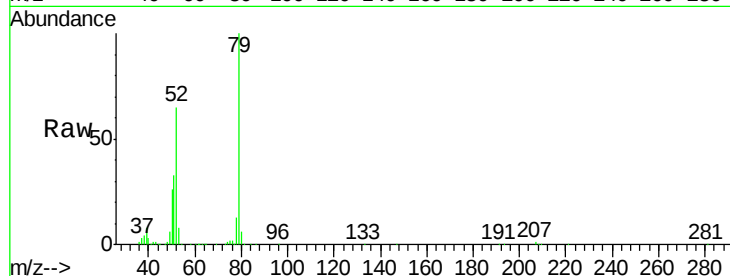
ClientSampleId :

IDOC-02-RC

Tot Ion:	79	Resp:	937764
Ion	Ratio	Lower	Upper
79	100		
52	65.0	54.1	81.1
51	33.1	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 37.259 ng

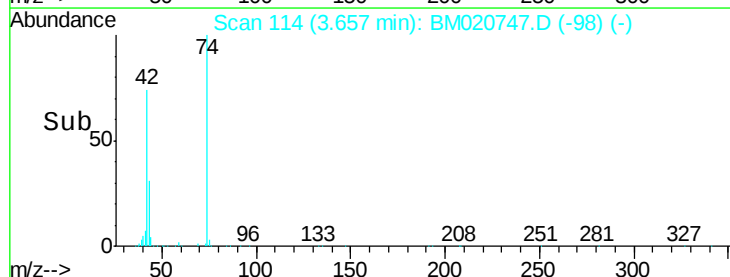
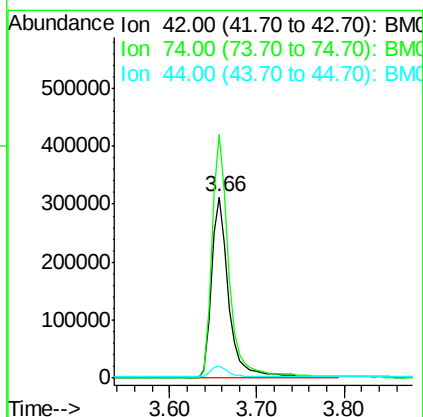
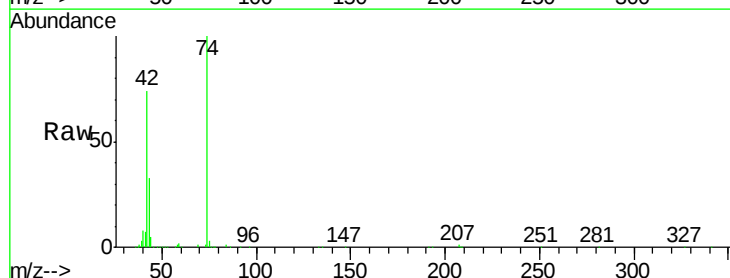
RT: 3.66 min Scan# 114

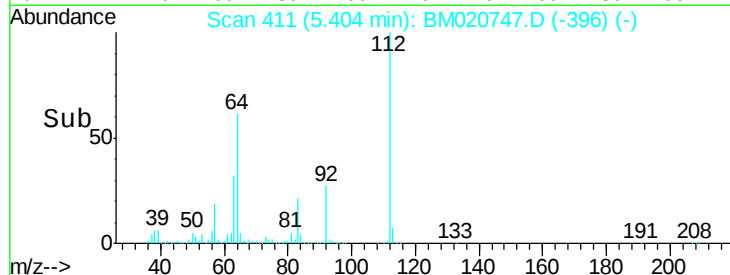
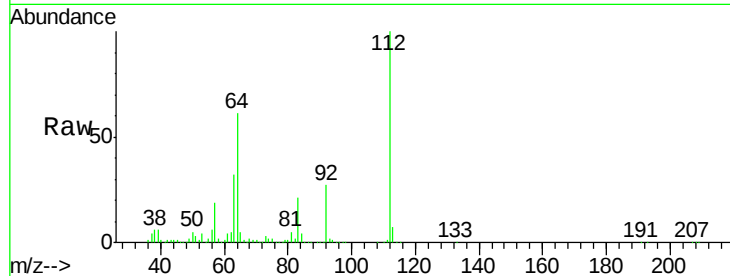
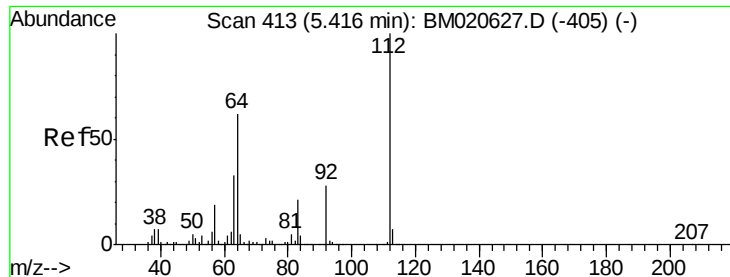
Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Tgt Ion:	42	Resp:	429533
Ion	Ratio	Lower	Upper
42	100		
74	134.2	99.4	149.0
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 139.893 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Tot Ion: 112 Resp: 2871999

Ion Ratio Lower Upper

112 100

64 61.3 49.7 74.5

63 31.6 26.4 39.6

Instrument :

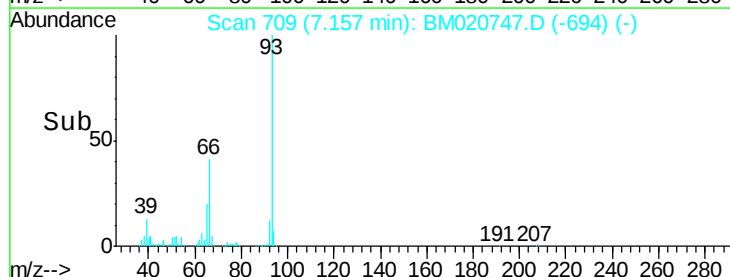
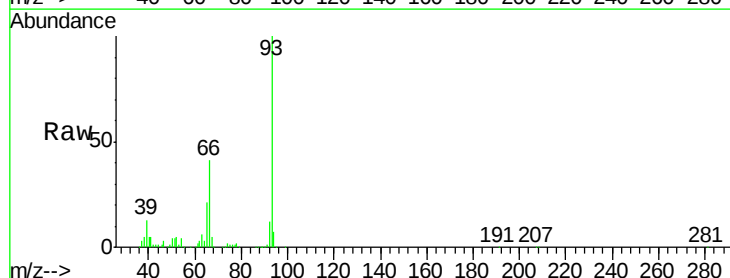
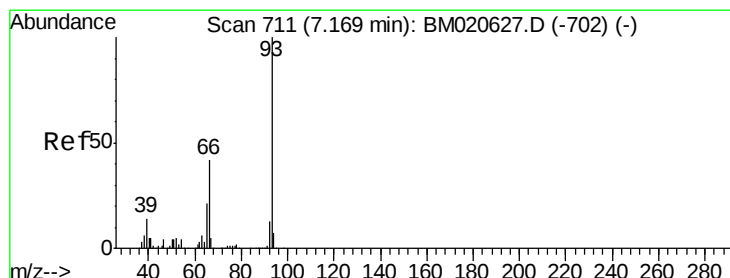
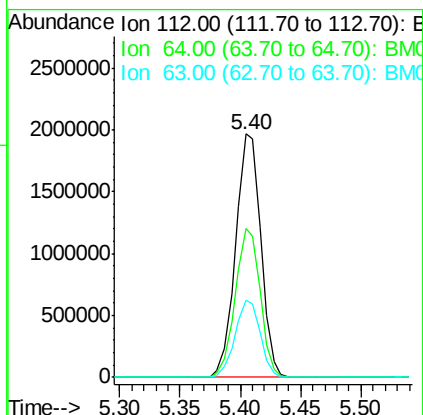
BNA_M

ClientSampleId :

IDOC-02-RC

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#6

Aniline

Concen: 30.993 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

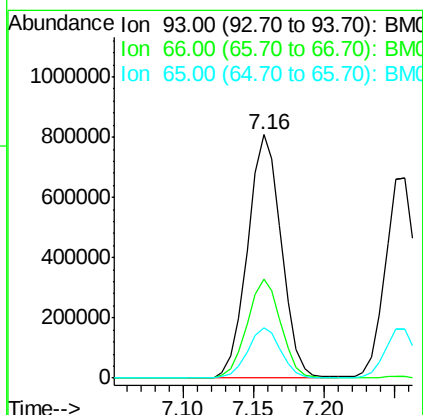
Tgt Ion: 93 Resp: 1355632

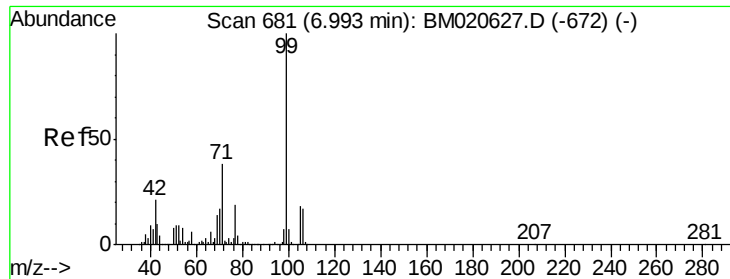
Ion Ratio Lower Upper

93 100

66 40.7 33.6 50.4

65 20.6 16.7 25.1





#7

Phenol-d6

Concen: 124.609 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

IDOC-02-RC

Tot Ion: 99 Resp: 3766890

Ion Ratio Lower Upper

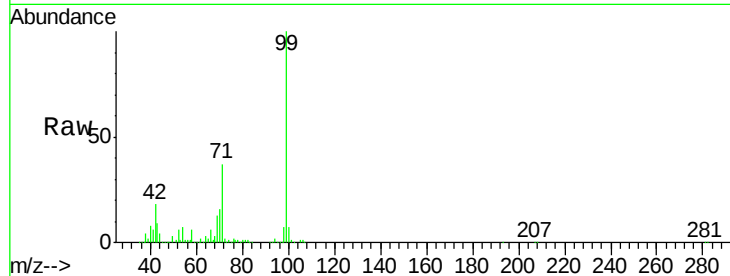
99 100

42 18.1 16.5 24.7

71 36.8 30.7 46.1

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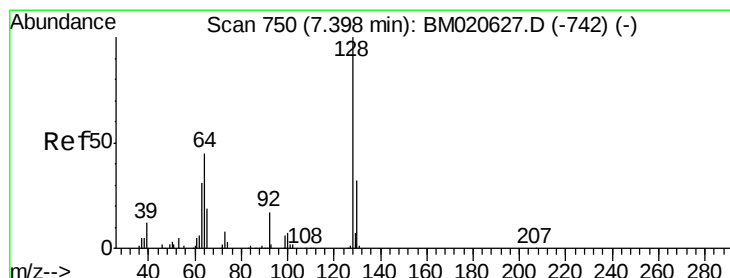
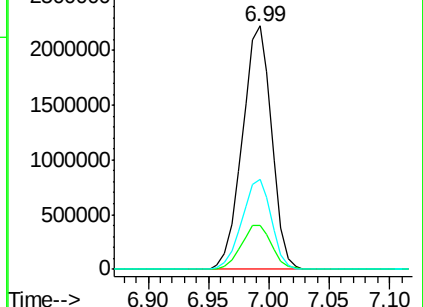
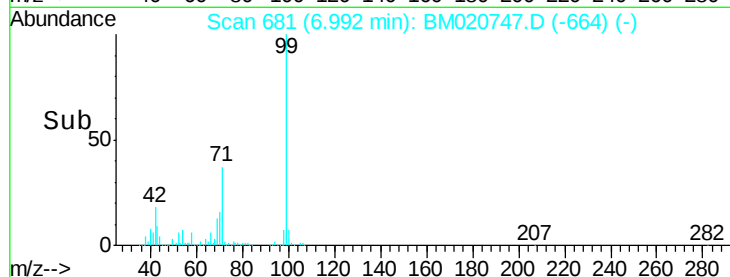
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Abundance Ion 99.00 (98.70 to 99.70): BM020747.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020747.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020747.D (-664) (-)



#8

2-Chlorophenol

Concen: 43.994 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

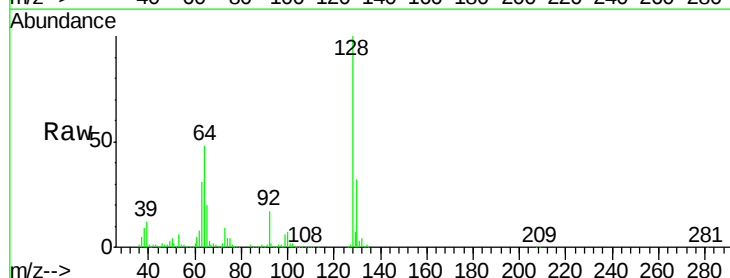
Tgt Ion: 128 Resp: 1123613

Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

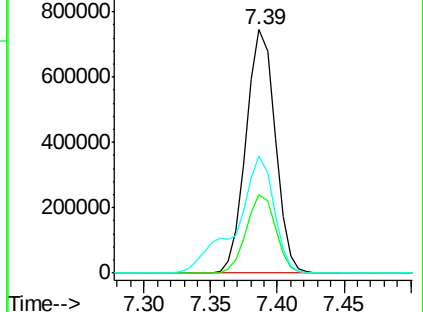
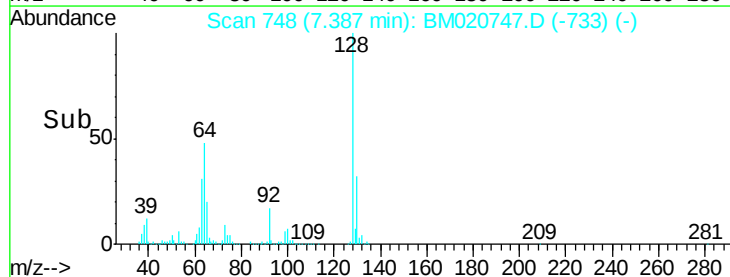
64 47.9 29.1 69.1

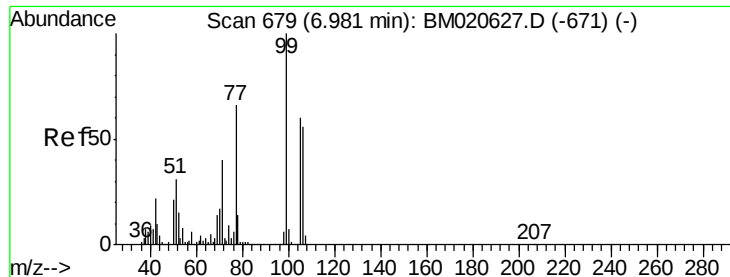


Abundance Ion 128.00 (127.70 to 128.70): BM020747.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020747.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020747.D (-733) (-)





#9

Benzaldehyde

Concen: 15.160 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

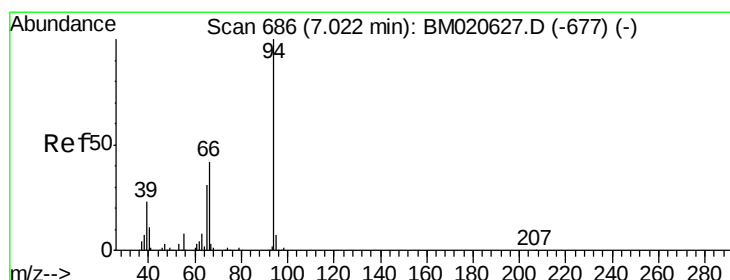
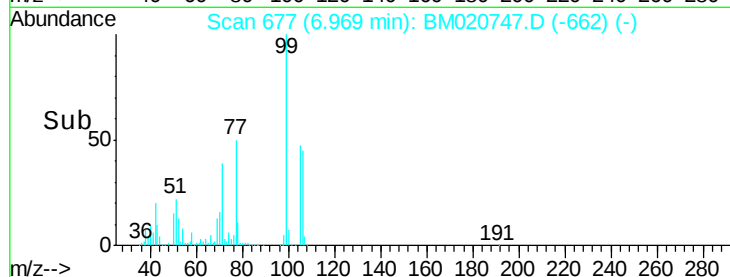
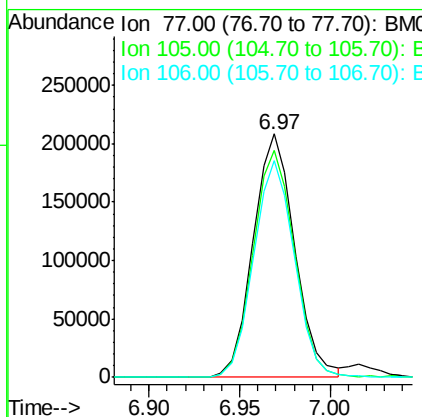
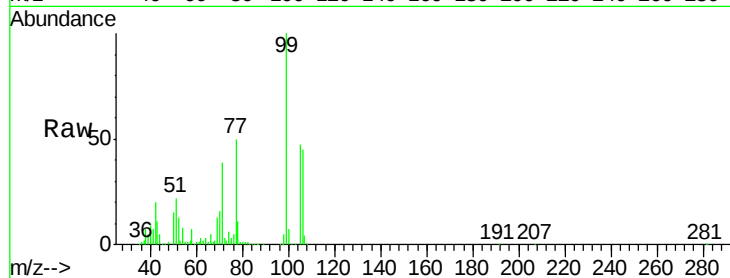
ClientSampled :

IDOC-02-RC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	93.0	70.6	110.6	
106	89.3	64.9	104.9	

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#10

Phenol

Concen: 42.264 ng

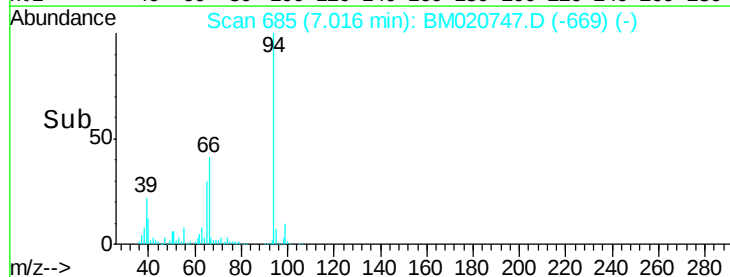
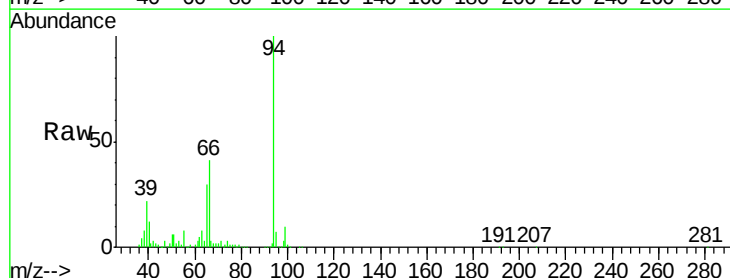
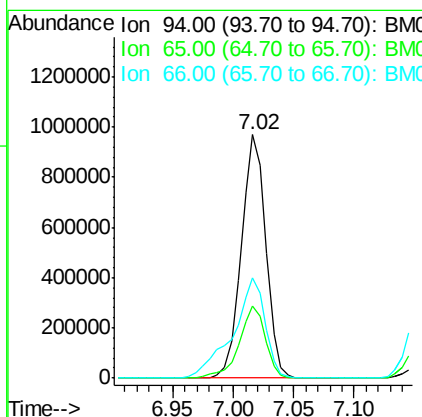
RT: 7.02 min Scan# 685

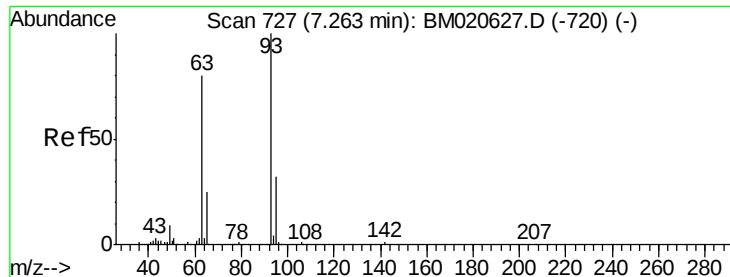
Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.7	10.7	50.7	
66	41.2	22.3	62.3	





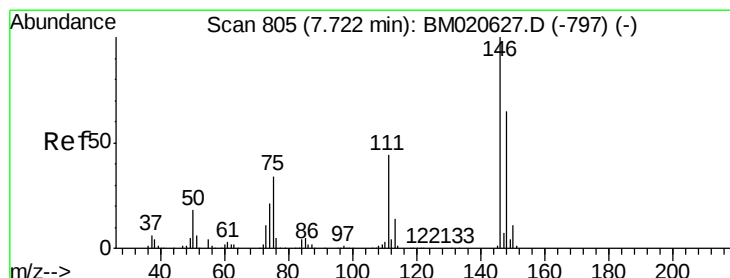
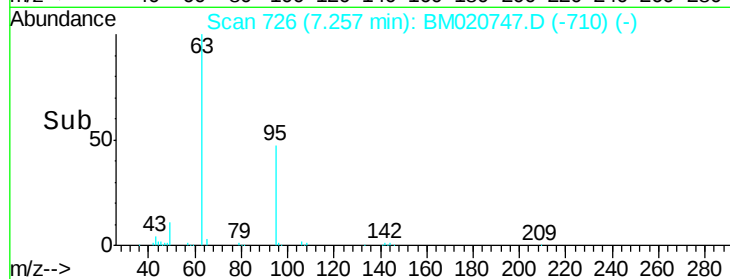
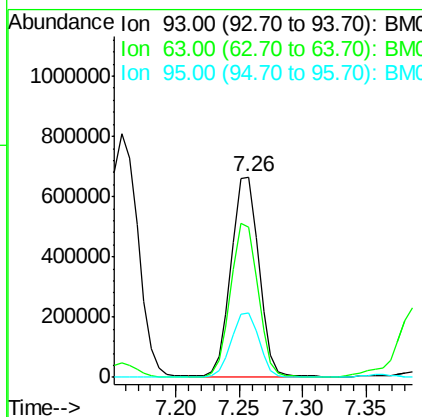
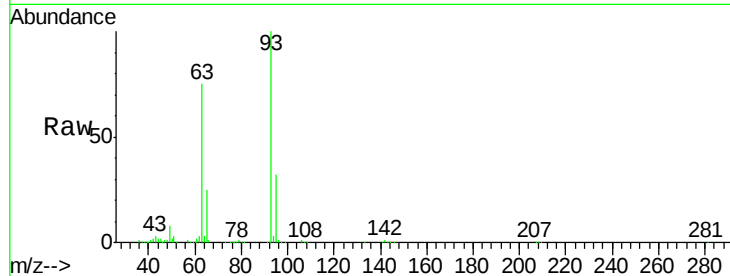
#11
bis(2-Chloroethyl)ether
Concen: 38.451 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Resp	Lower	Upper
93	100	998283		
63	74.8	60.0	100.0	
95	32.5	12.2	52.2	

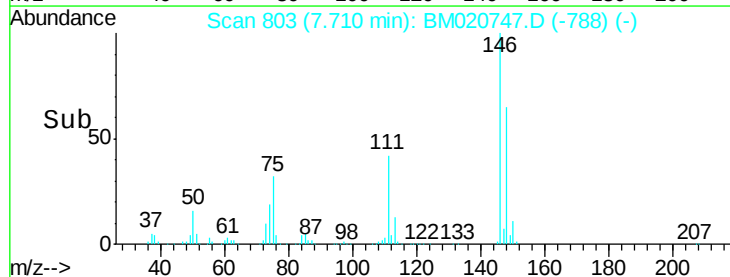
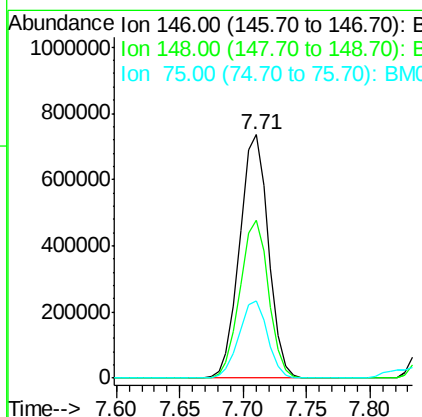
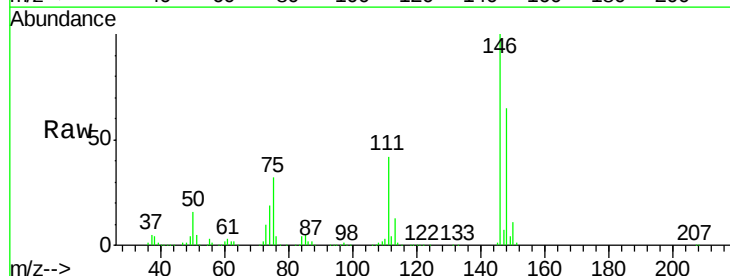
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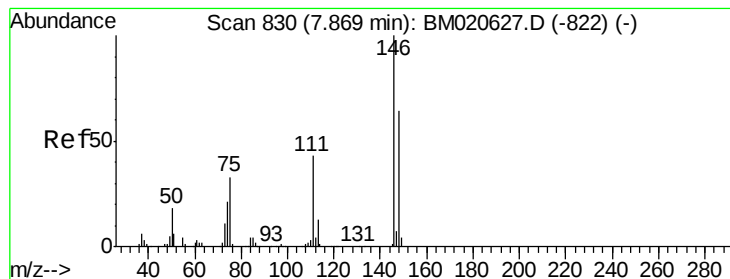
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.475 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1158694		
148	65.0	52.0	78.0	
75	31.6	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 39.858 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

IDOC-02-RC

Tot Ion:146 Resp: 1189366

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

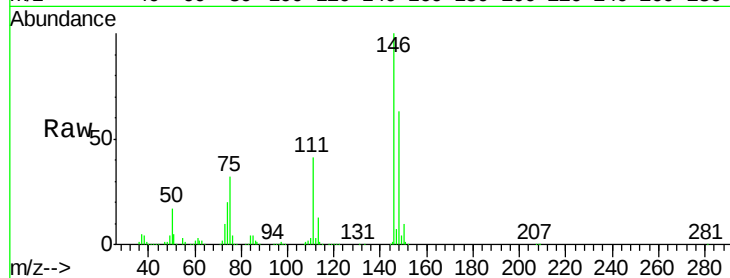
111 40.8 34.4 51.6

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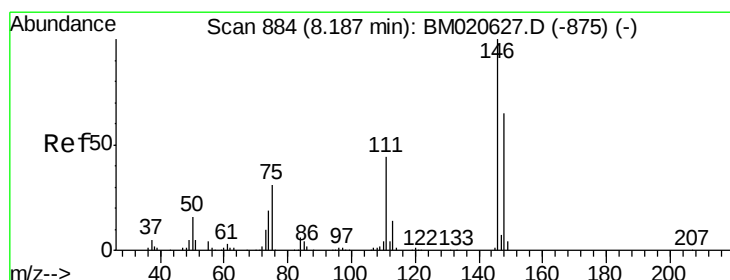
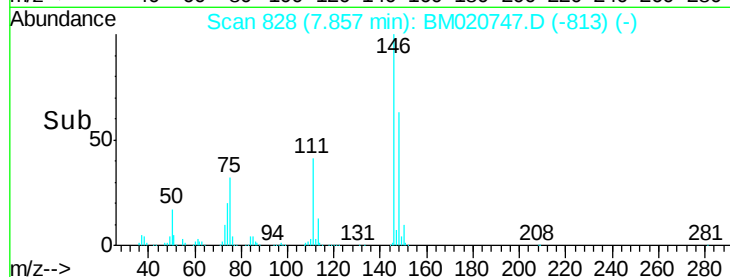
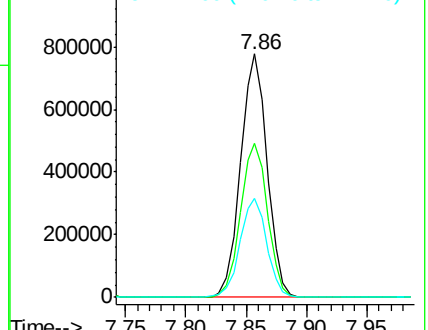


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.255 ng

RT: 8.17 min Scan# 881

Delta R.T. -0.02 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

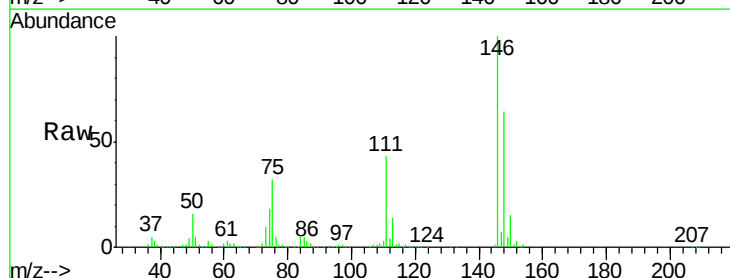
Tgt Ion:146 Resp: 1139938

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

111 43.2 35.1 52.7

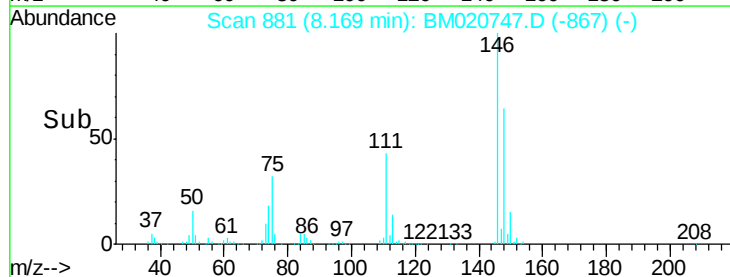
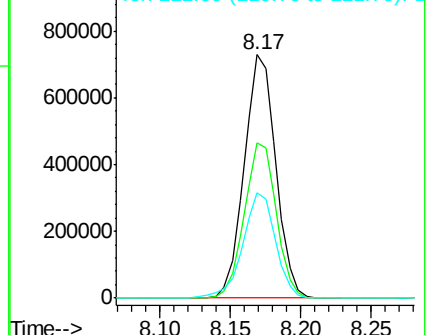


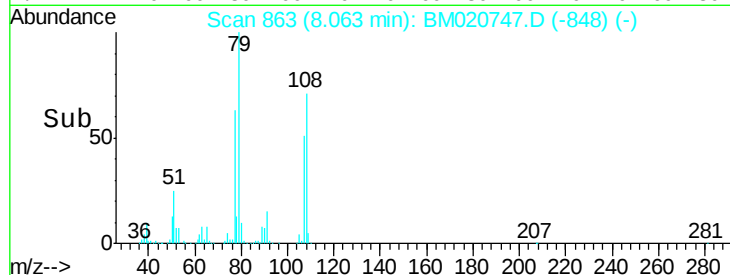
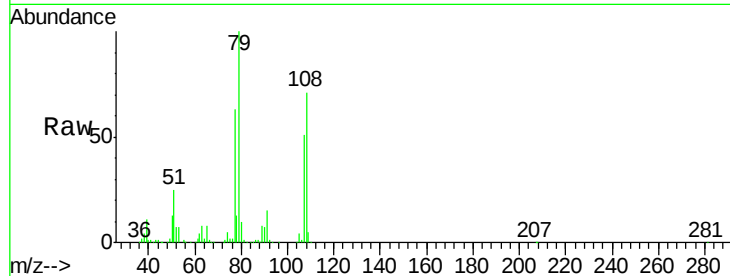
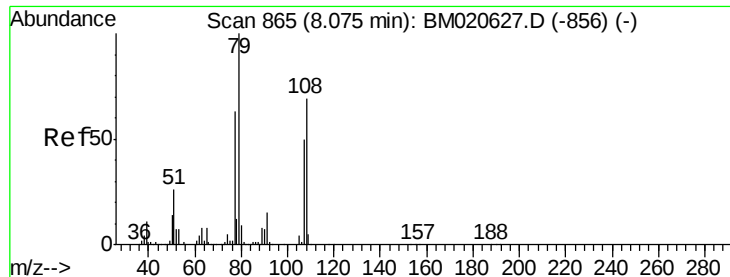
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.217 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Tot Ion:	79	Resp:	995296
Ion Ratio	Lower	Upper	
79	100		
108	71.3	54.9	82.3
77	63.0	50.2	75.4

Instrument :

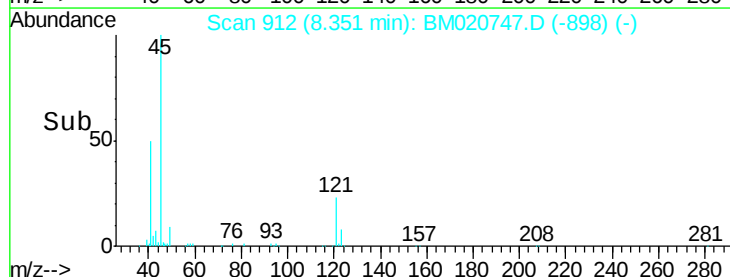
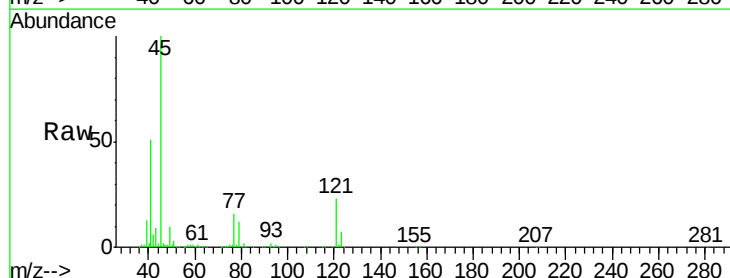
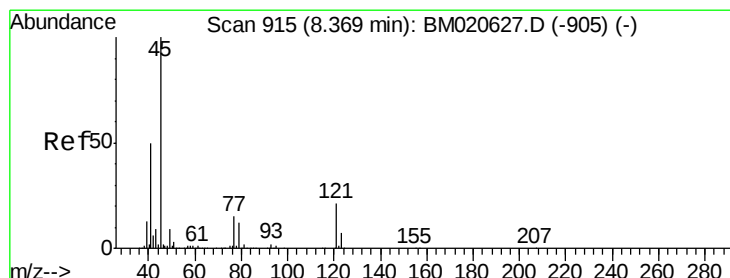
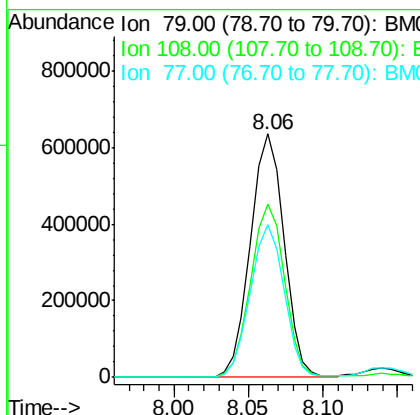
BNA_M

ClientSampleId :

IDOC-02-RC

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.491 ng

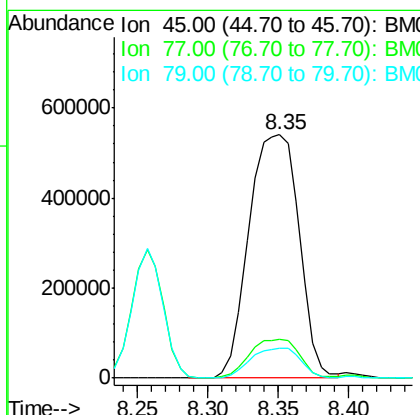
RT: 8.35 min Scan# 912

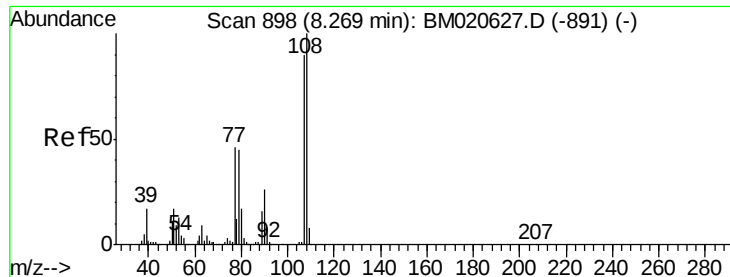
Delta R.T. -0.02 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Tgt Ion:	45	Resp:	1342439
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	34.9
79	12.1	0.0	31.8





#17

2-Methylphenol

Concen: 40.178 ng

RT: 8.26 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

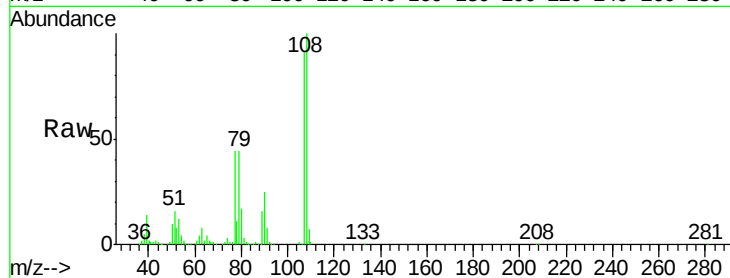
ClientSampleId :

IDOC-02-RC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	110.0		88.6	133.0	
77	48.0		40.6	61.0	
79	48.1		39.9	59.9	

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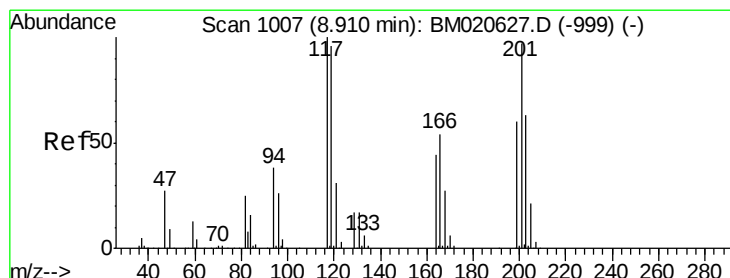
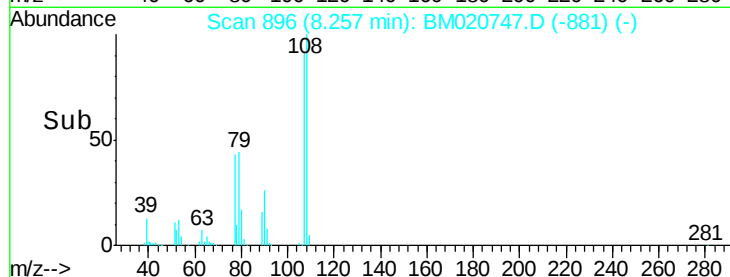
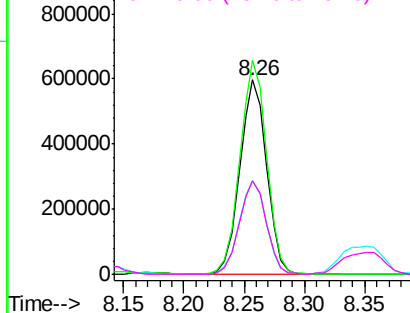


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.620 ng

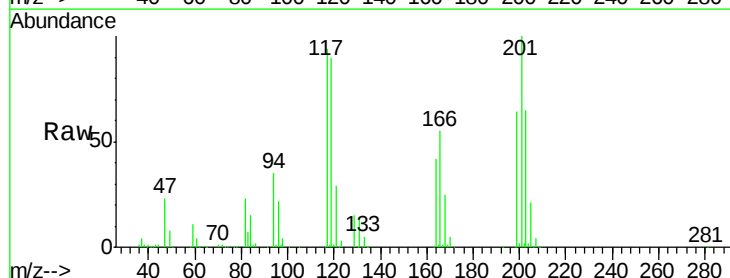
RT: 8.89 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

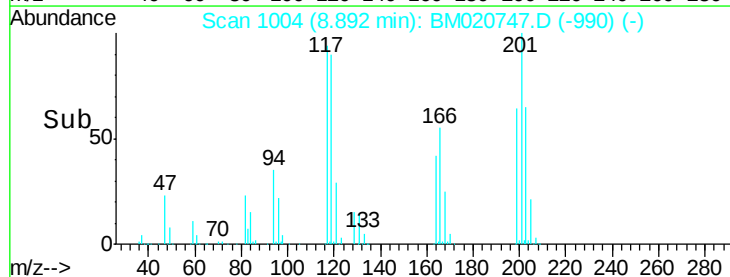
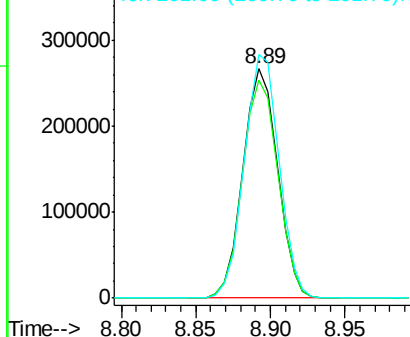
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.5		76.7	115.1	
201	106.3		77.9	116.9	

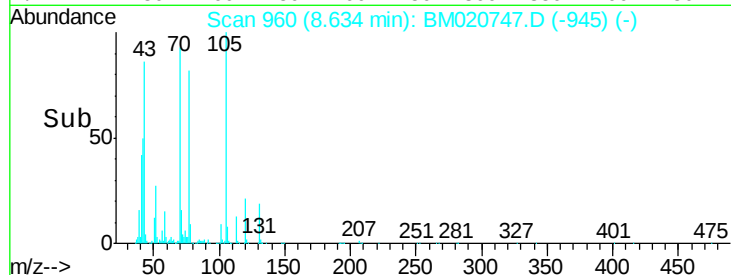
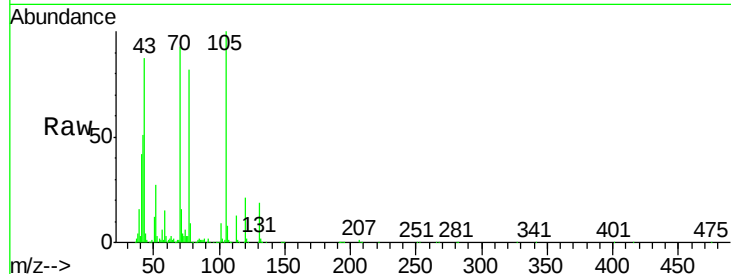
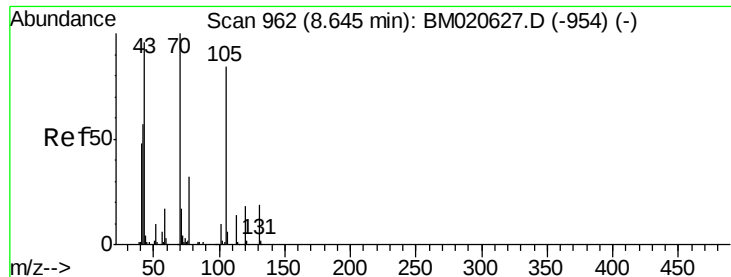


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

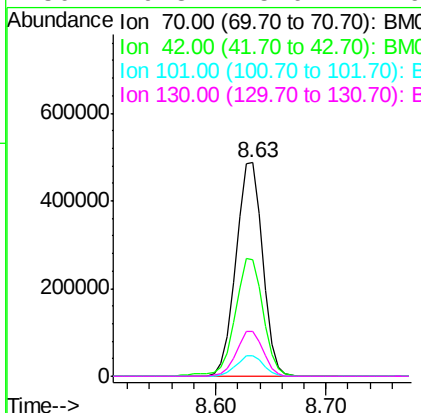
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 34.199 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

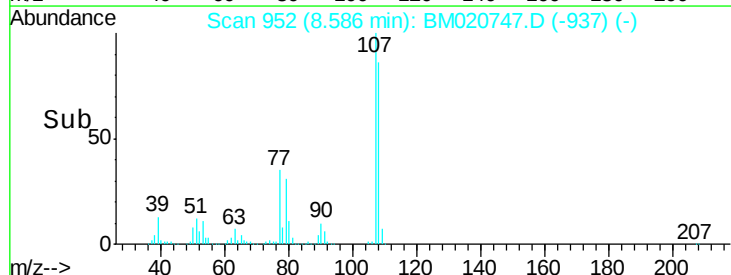
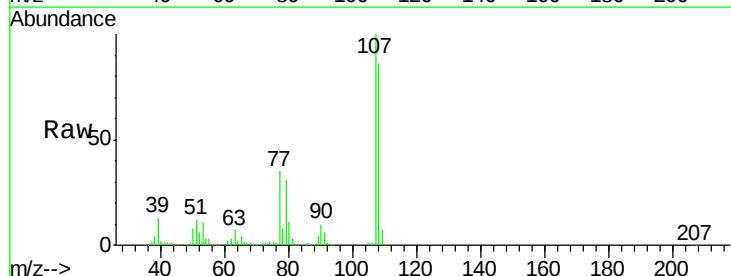
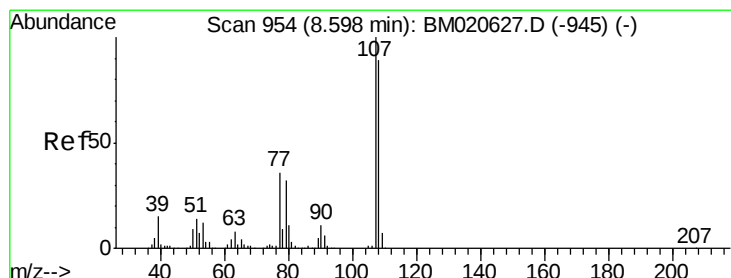
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	46.8	70.2	
101	9.9	7.8	11.6	
130	20.8	15.0	22.6	



Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

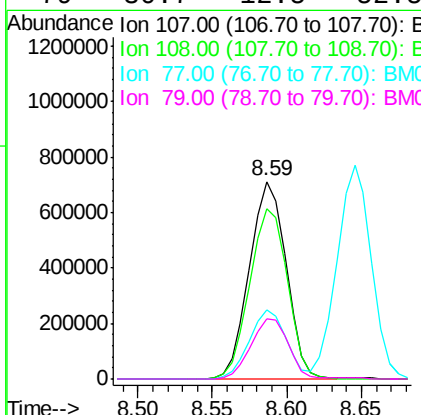
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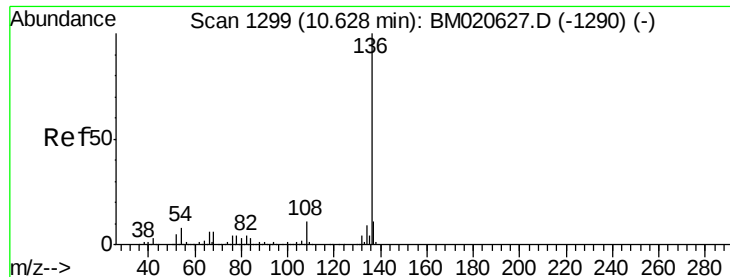
mohammad
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#20
3+4-Methylphenols
Concen: 38.986 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	69.2	109.2	
77	35.1	16.2	56.2	
79	30.7	12.5	52.5	





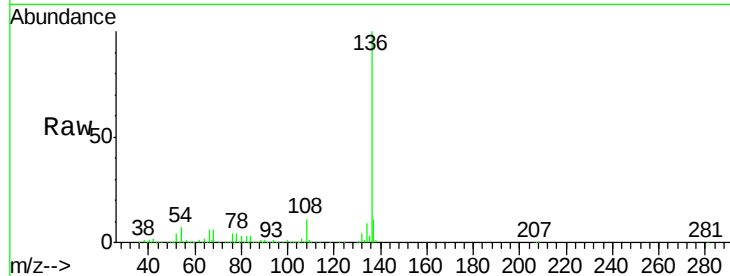
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

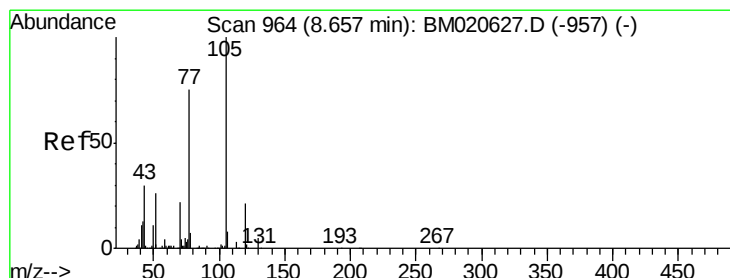
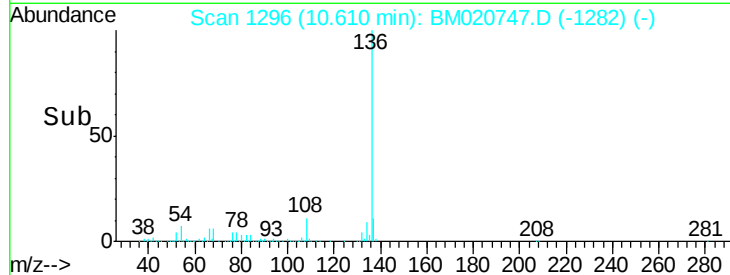
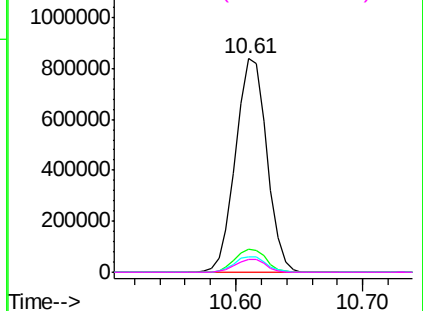
Tot Ion	136	Resp	1430137
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	6.6	10.0
68	6.1	5.1	7.7

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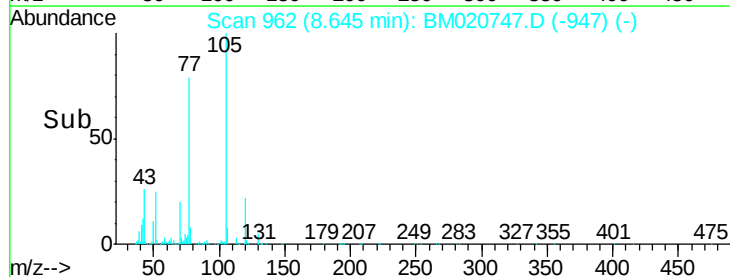
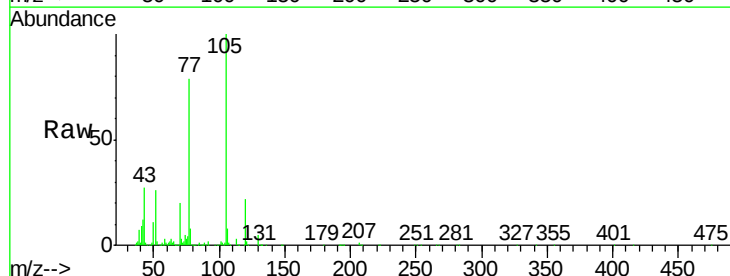
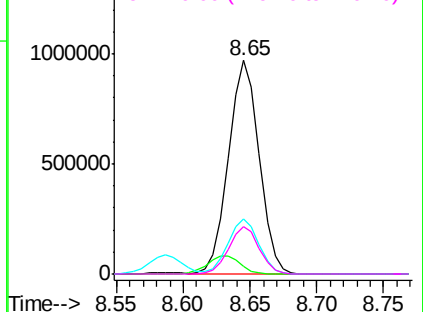
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

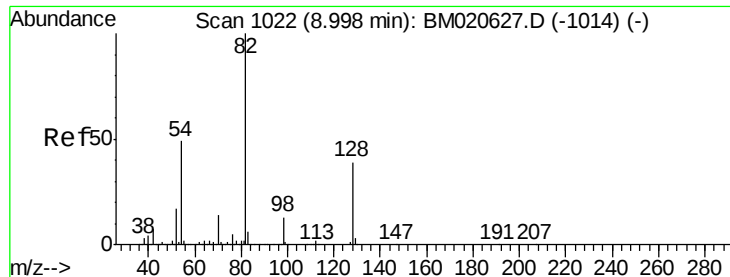


#22
Acetophenone
Concen: 42.861 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	105	Resp	1557179
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.2	4.8
51	25.7	22.8	34.2
120	21.9	17.0	25.4

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





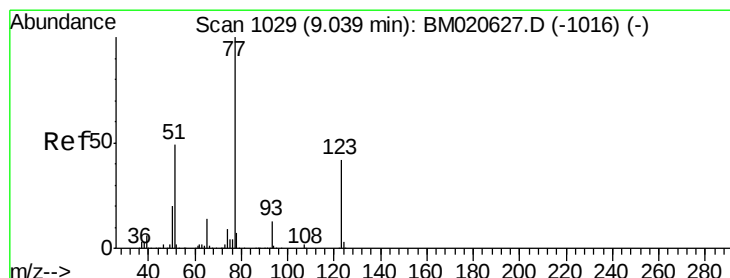
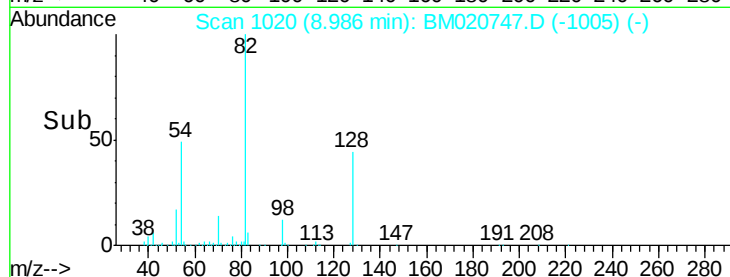
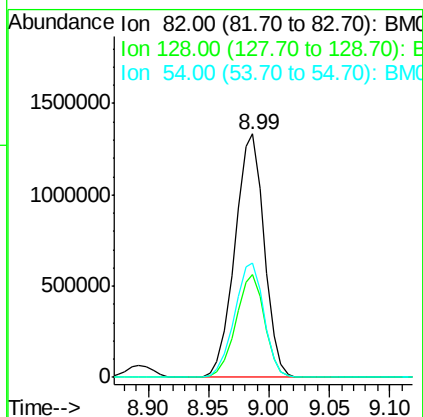
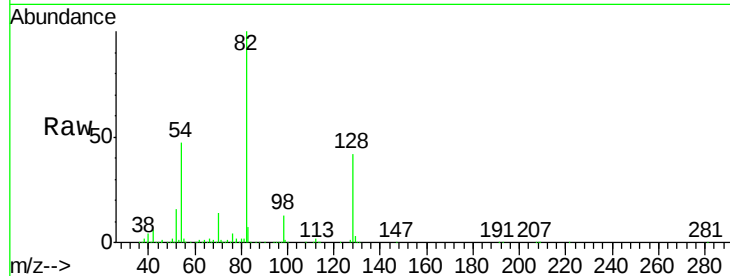
#23
 Nitrobenzene-d5
 Concen: 81.778 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020747.D
 Acq: 05 Jun 2019 21:36

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.5	47.3
54	46.7	39.4	59.0

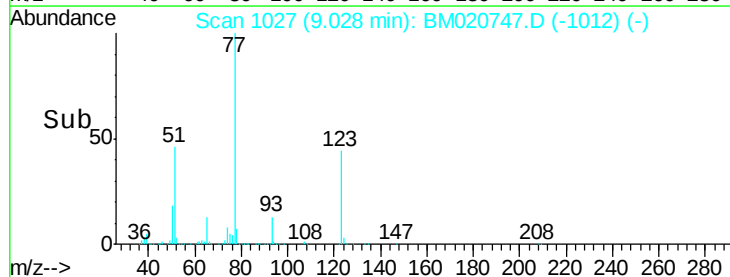
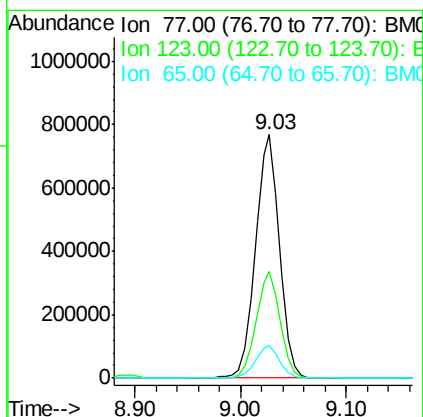
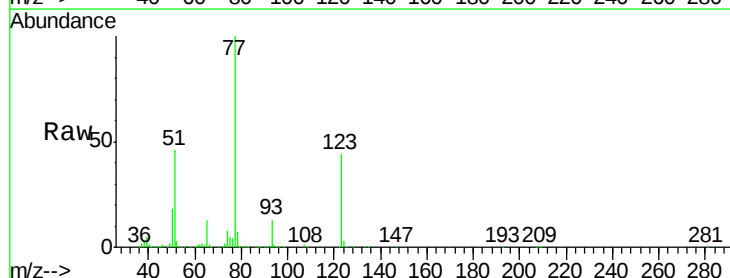
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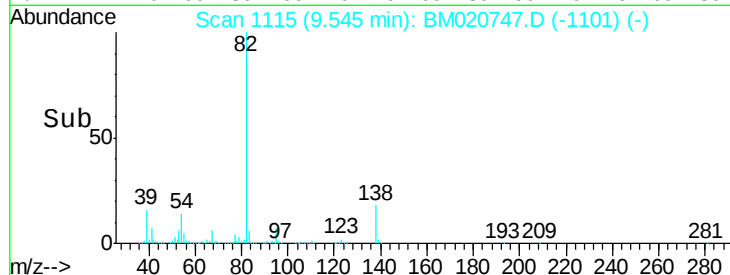
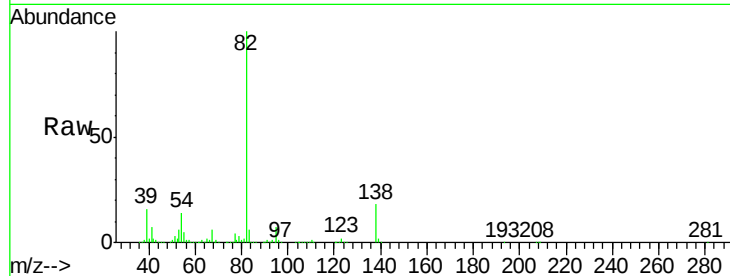
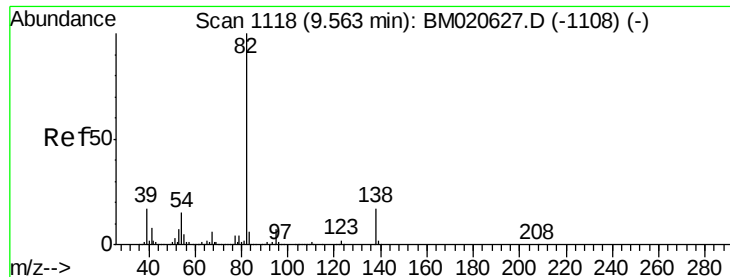
mohammad
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#24
 Nitrobenzene
 Concen: 43.133 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020747.D
 Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.7	50.5
65	13.4	11.0	16.6





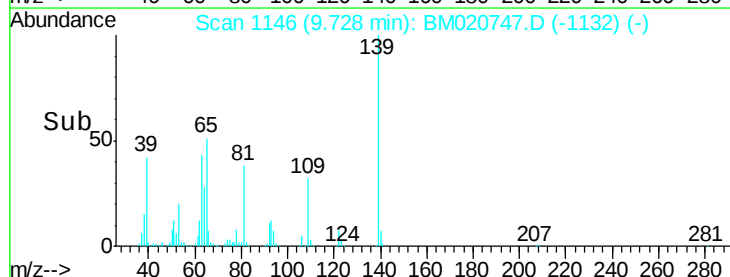
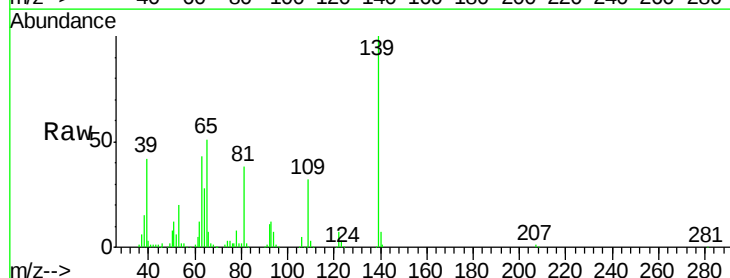
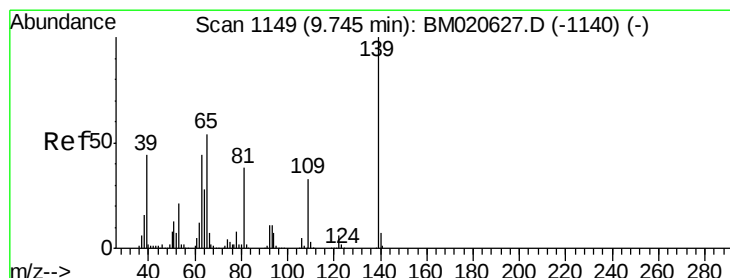
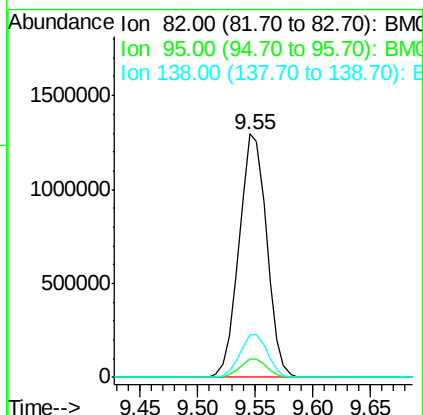
#25
Isophorone
Concen: 39.288 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.8
138	17.6	13.8	20.8

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

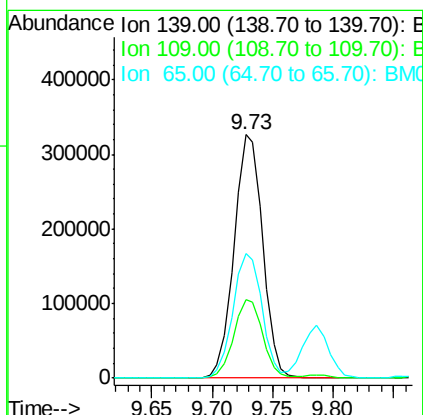
Manual Integrations
APPROVED

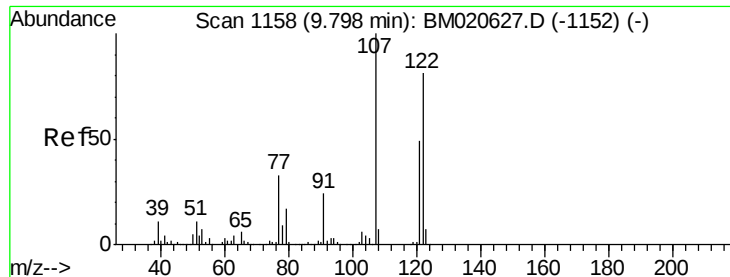
mohammad
6/6/2019 11:22:02 AM



#26
2-Nitrophenol
Concen: 51.445 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.3	26.1	39.1
65	51.2	43.4	65.0





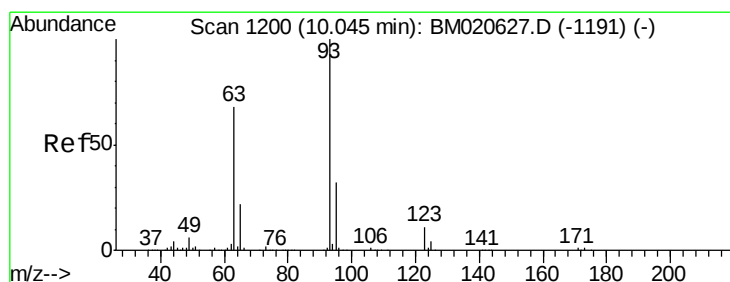
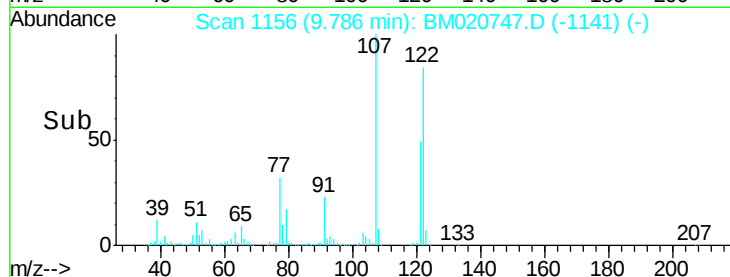
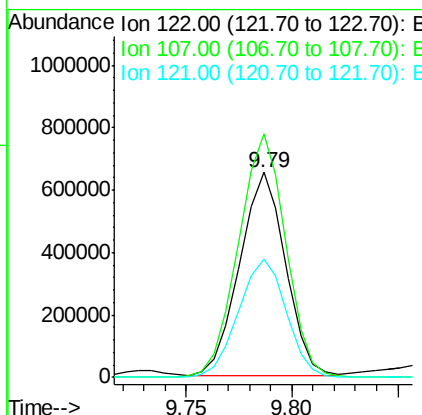
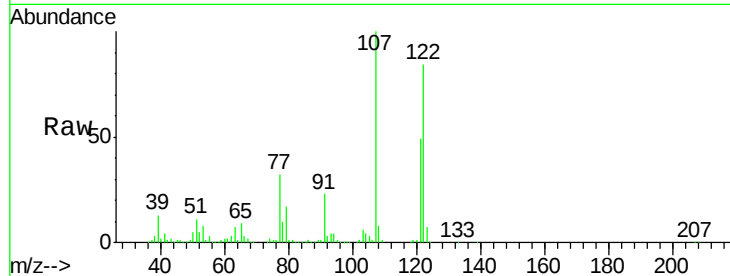
#27
2,4-Dimethylphenol
Concen: 50.100 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	98.0	147.0
121	57.8	48.2	72.4

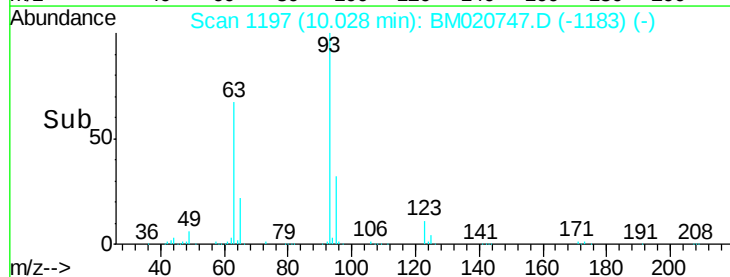
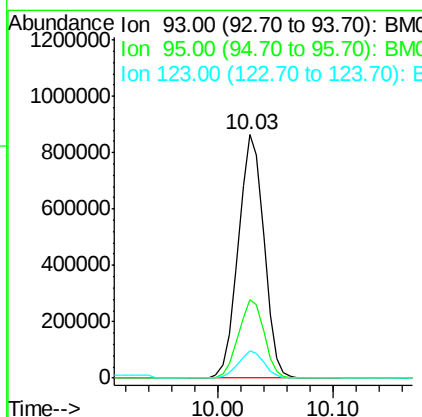
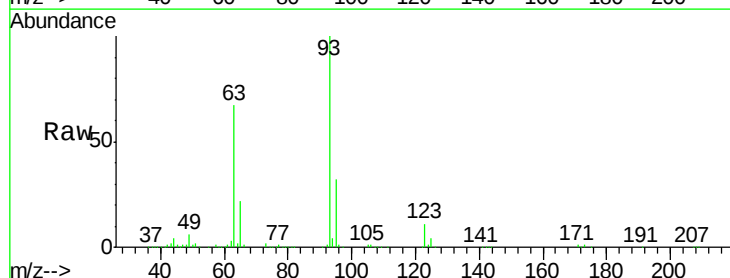
Manual Integrations
APPROVED

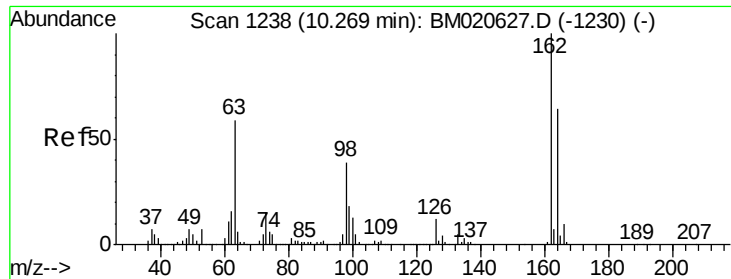
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.181 ng
RT: 10.03 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.6
123	11.2	9.0	13.6





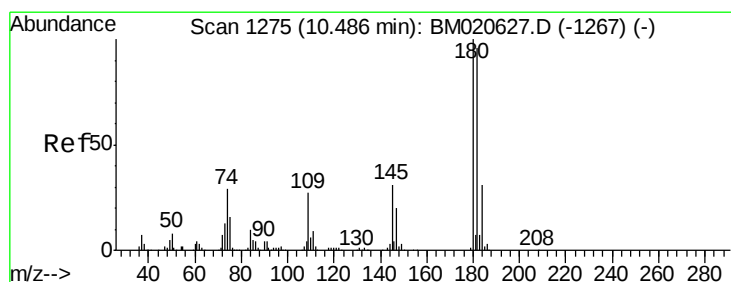
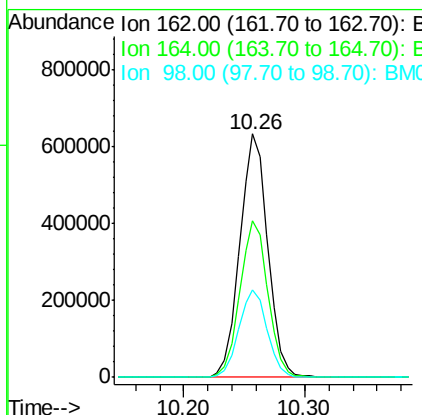
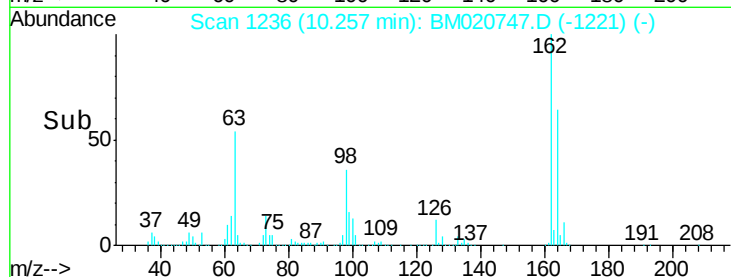
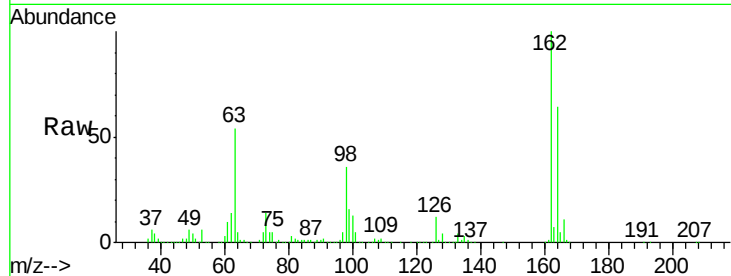
#29
2,4-Dichlorophenol
Concen: 46.885 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	36.0	19.1	59.1

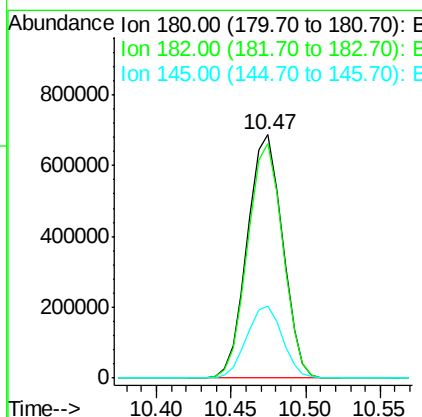
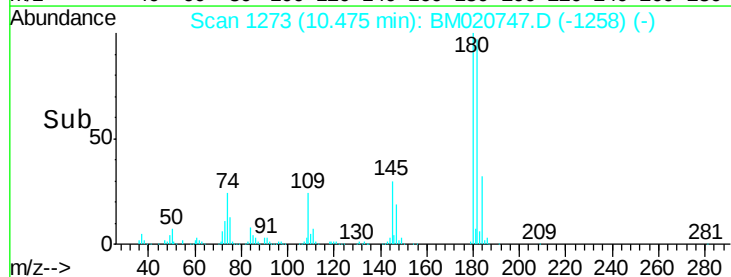
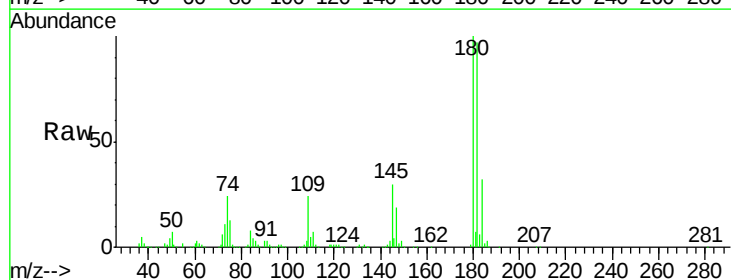
Manual Integrations
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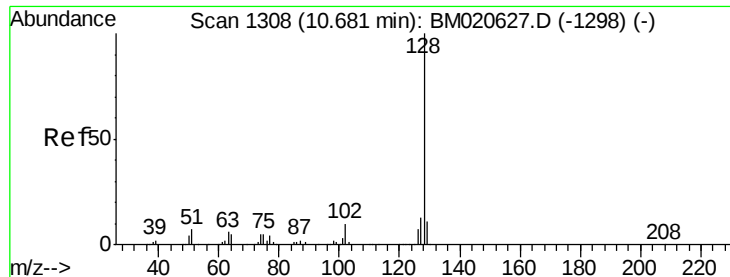
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.907 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.6
145	29.7	25.0	37.4





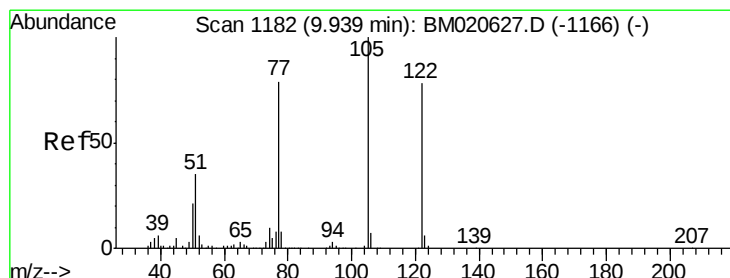
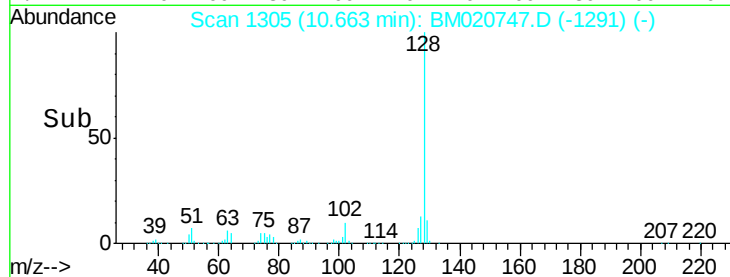
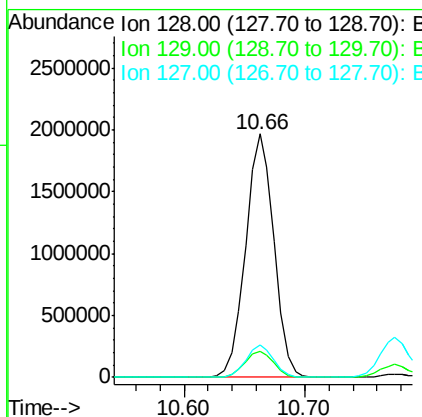
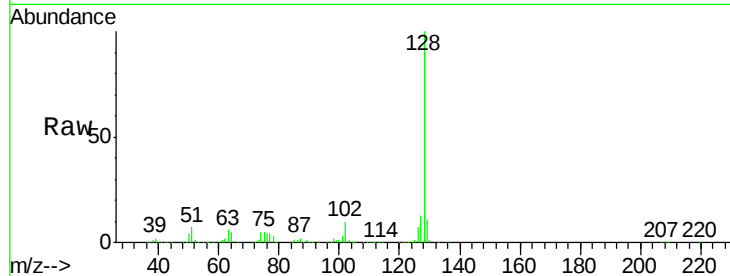
#31
Naphthalene
Concen: 43.590 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.3	15.5

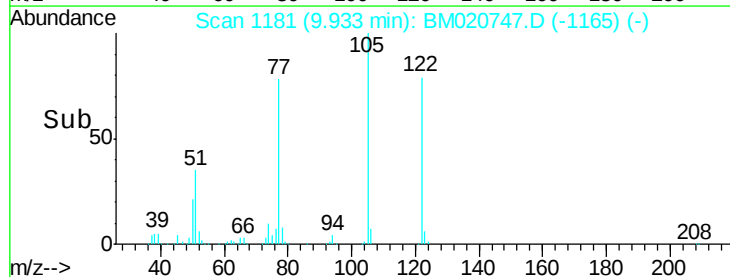
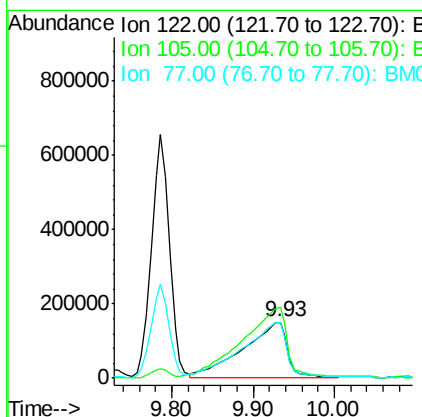
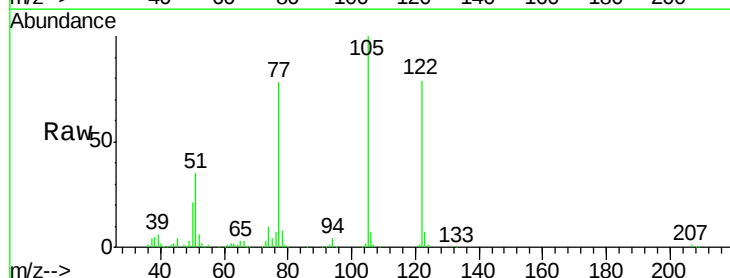
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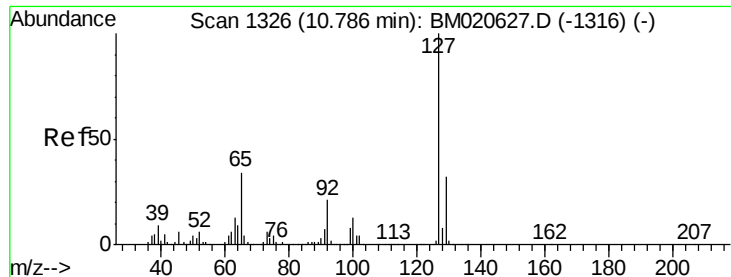
mohammad
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#32
Benzoic acid
Concen: 45.087 ng m
RT: 9.93 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.9	107.0	147.0
77	98.9	80.9	120.9





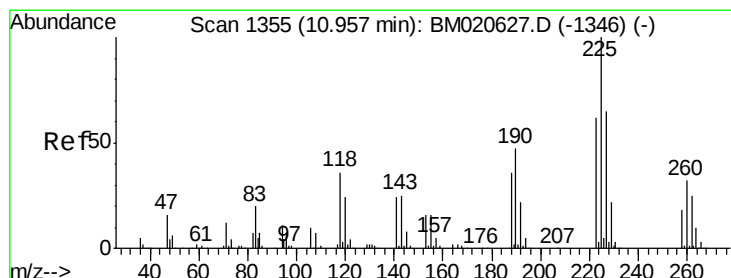
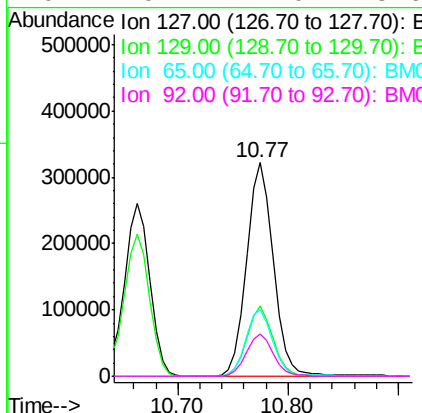
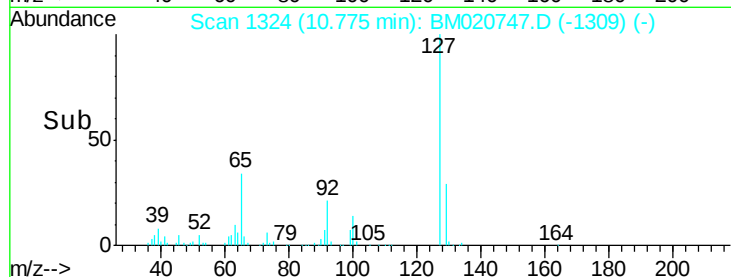
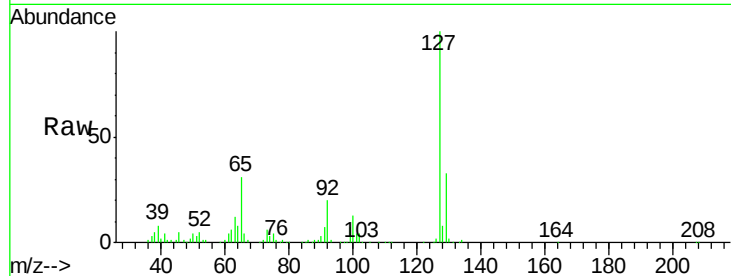
#33
4-Chloroaniline
Concen: 15.963 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	31.5	27.4	41.0
92	19.7	17.0	25.6

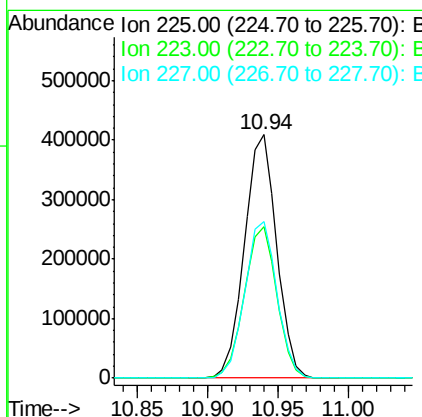
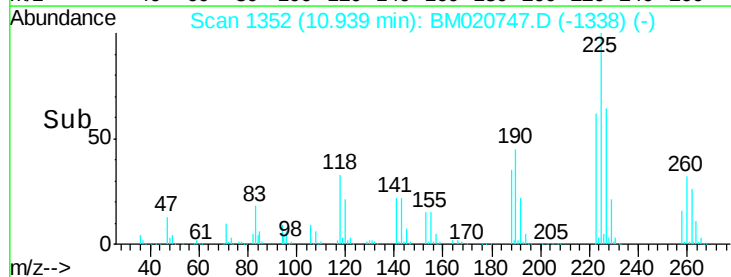
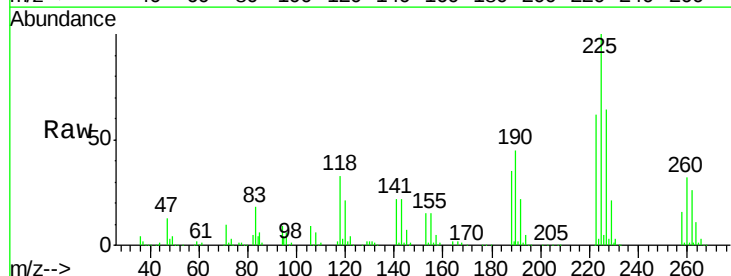
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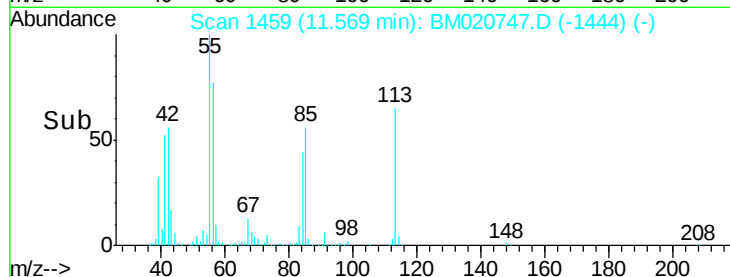
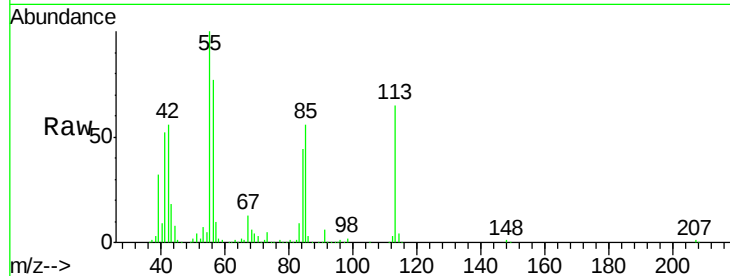
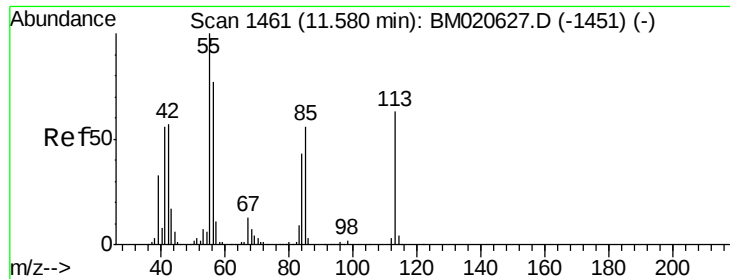
mohammad
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#34
Hexachlorobutadiene
Concen: 43.545 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	64.1	51.8	77.8





#35

Caprolactam

Concen: 36.454 ng/mL

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

IDOC-02-RC

Tot Ion:113 Resp: 275730

Ion Ratio Lower Upper

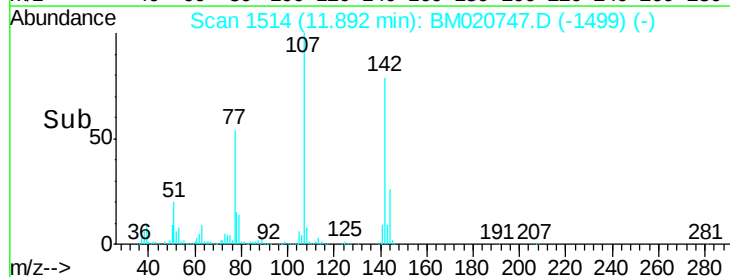
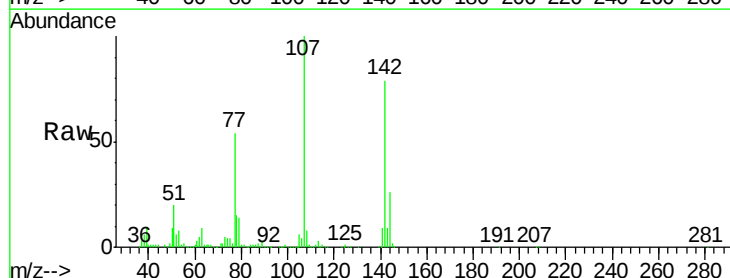
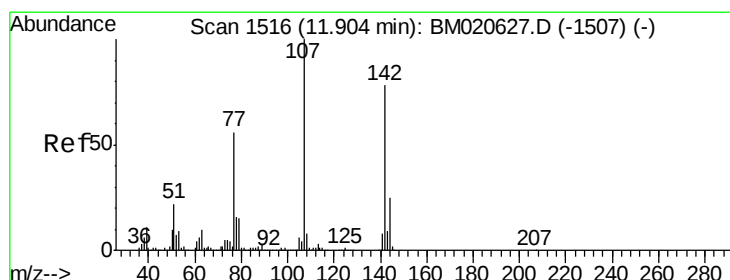
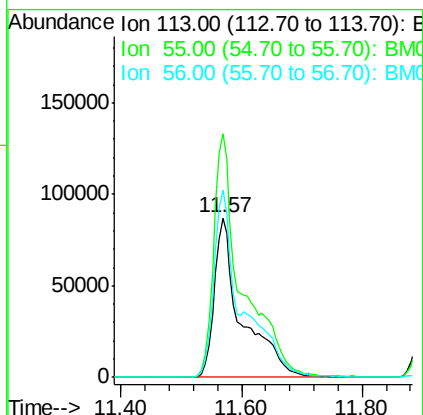
113 100

55 152.9 138.6 178.6

56 117.7 102.3 142.3

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#36

4-Chloro-3-methylphenol

Concen: 40.350 ng/mL

RT: 11.89 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

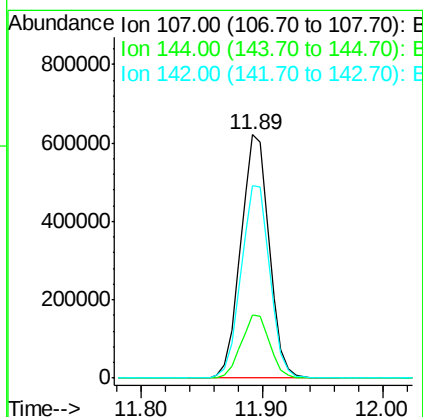
Tgt Ion:107 Resp: 1021419

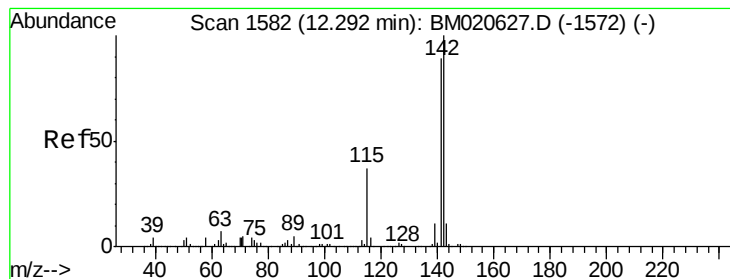
Ion Ratio Lower Upper

107 100

144 26.0 20.3 30.5

142 78.9 62.6 93.8





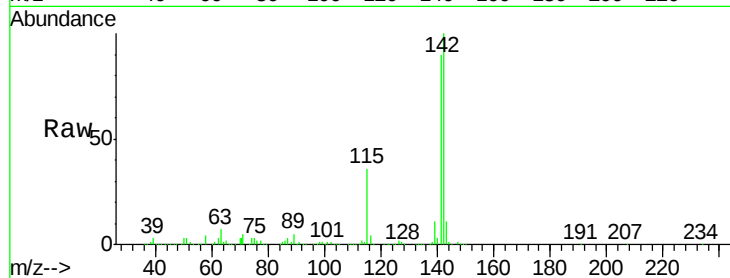
#37
2-Methylnaphthalene
Concen: 42.802 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4
115	36.0	29.6	44.4

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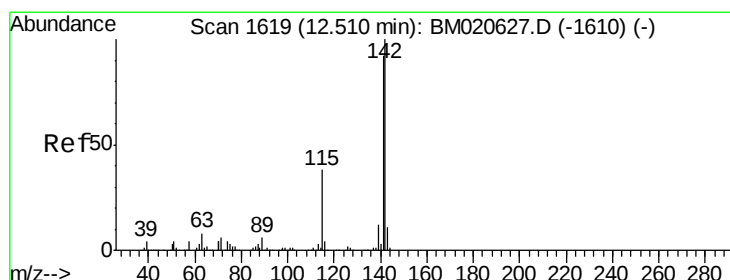
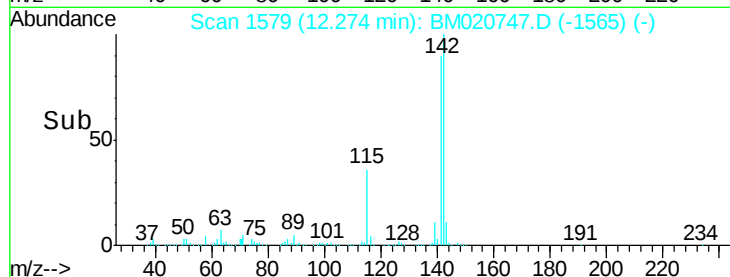
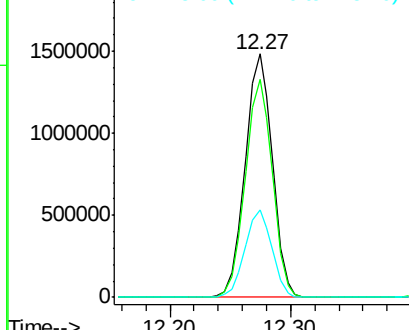


Abundance

Ion 142.00 (141.70 to 142.70): E

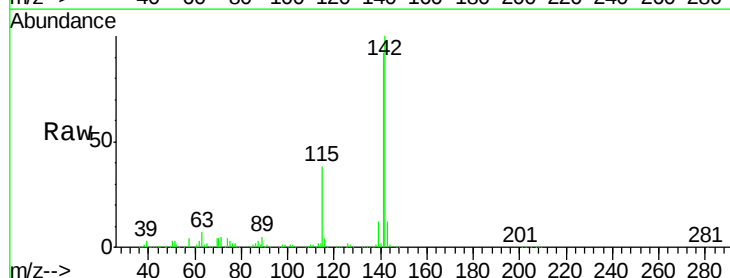
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.316 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.9	110.9
116	3.8	3.2	4.8

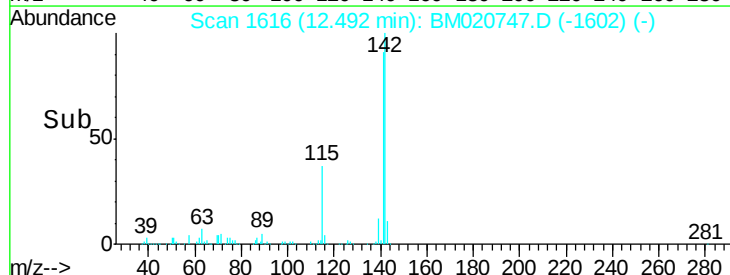
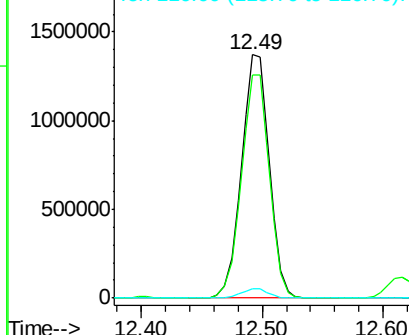


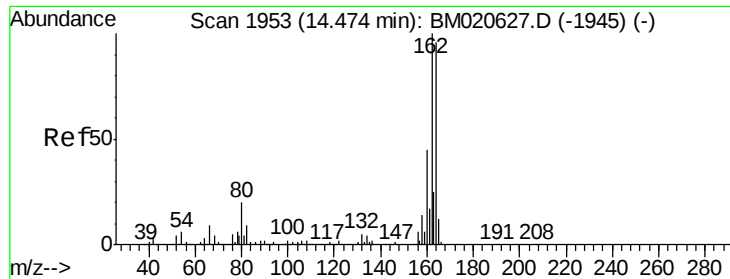
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





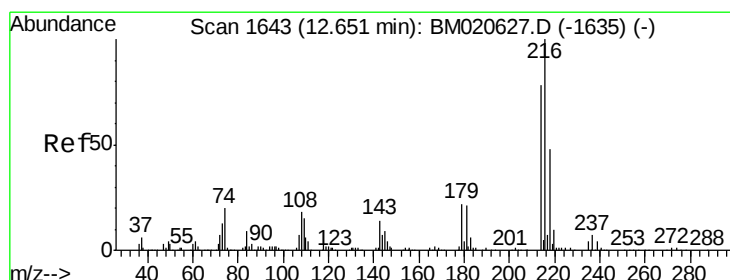
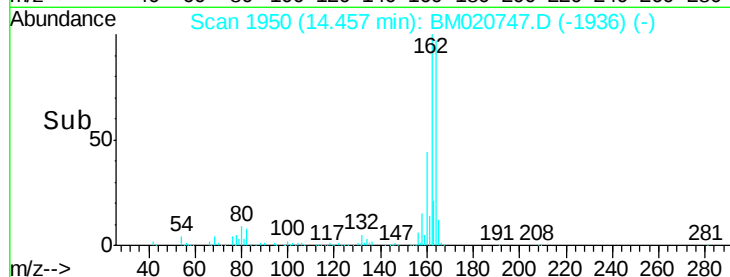
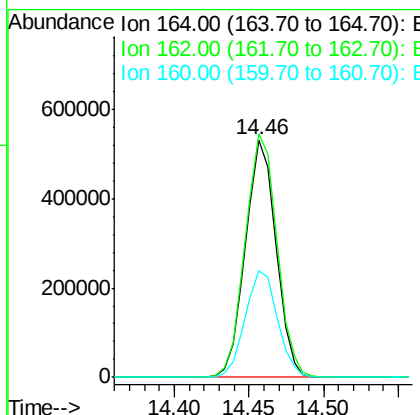
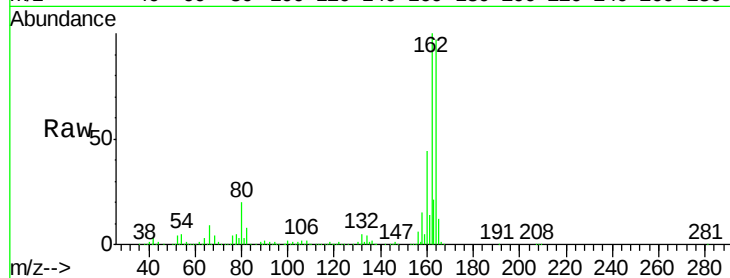
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.2	124.8
160	45.0	37.5	56.3

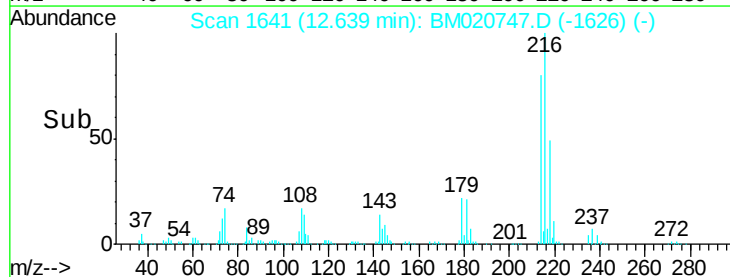
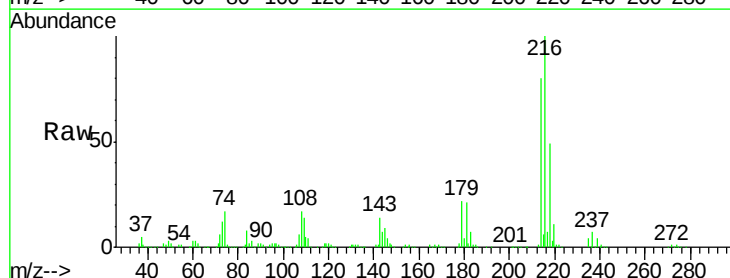
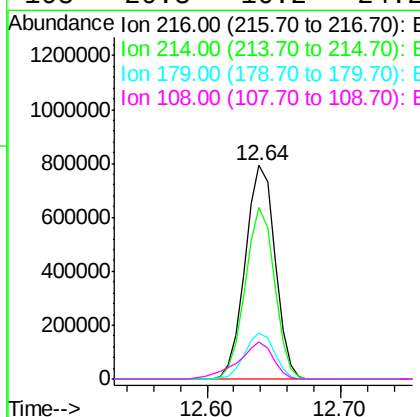
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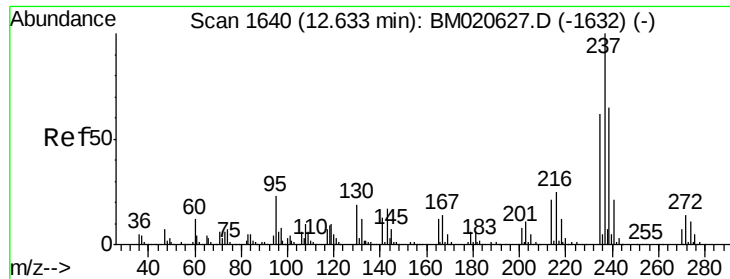
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.526 ng
RT: 12.64 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	21.6	17.9	26.9
108	20.3	16.2	24.2





#41

Hexachlorocyclopentadiene

Concen: 103.865 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

IDOC-02-RC

Tot Ion:237 Resp: 1534003

Ion Ratio Lower Upper

237 100

235 62.1 42.1 82.1

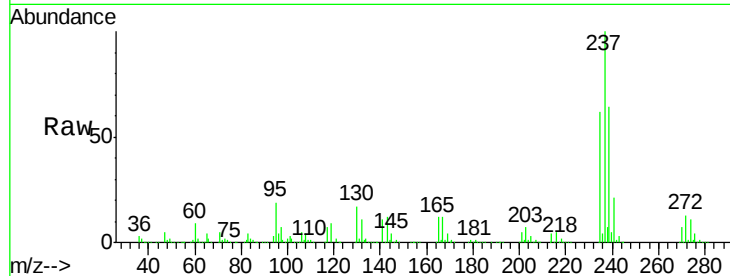
272 13.4 0.0 33.5

Manual Integrations

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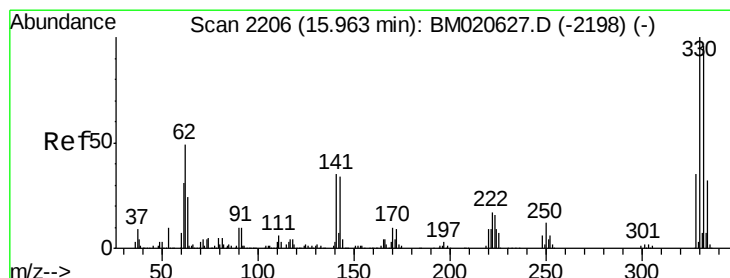
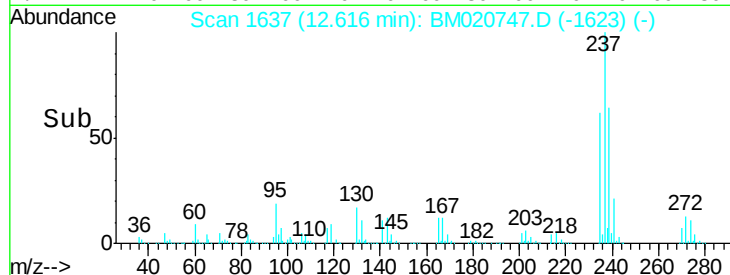
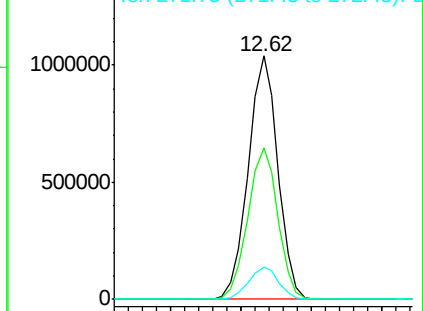
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.286 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

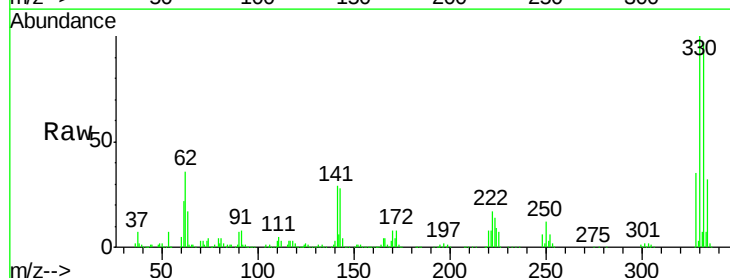
Tgt Ion:330 Resp: 1291102

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

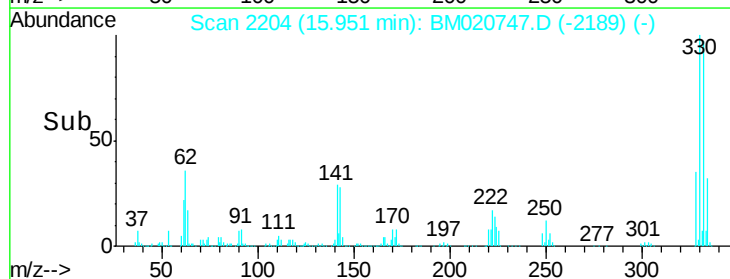
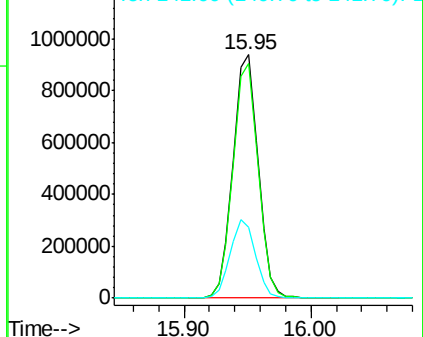
141 32.6 30.4 45.6

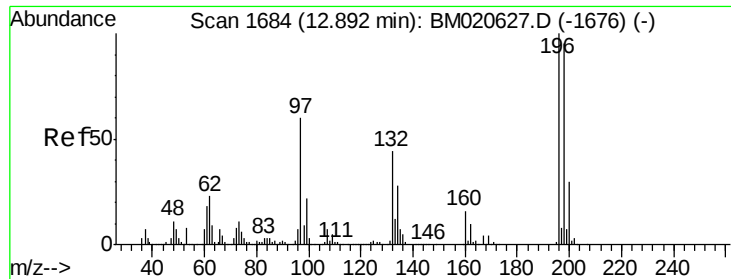


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





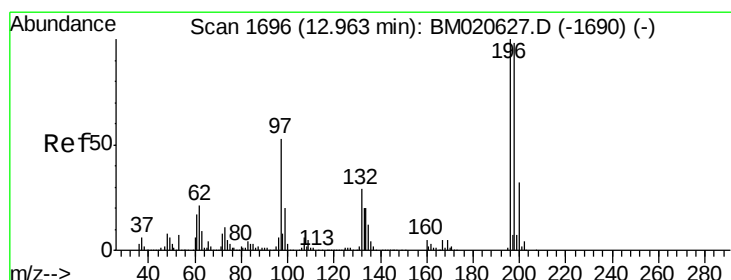
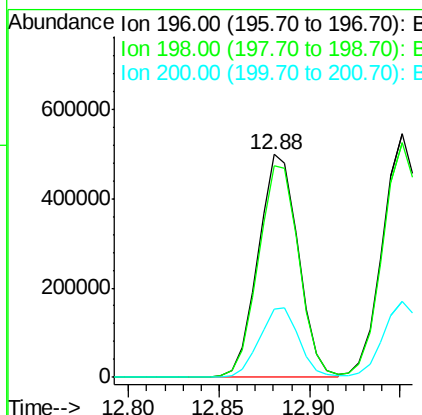
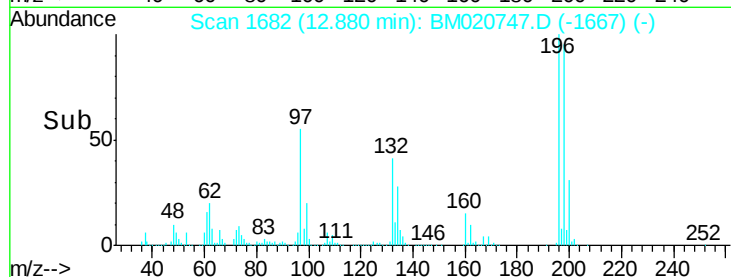
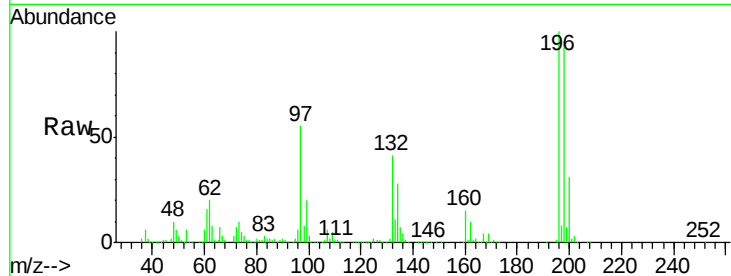
#43
 2,4,6-Trichlorophenol
 Concen: 48.230 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BM020747.D
 Acq: 05 Jun 2019 21:36

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02-RC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	766640		
198	95.2	75.7	113.5	
200	30.9	23.9	35.9	

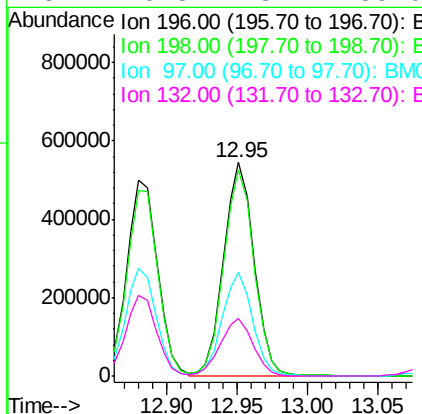
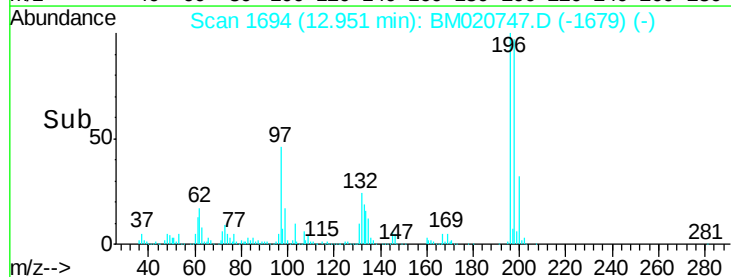
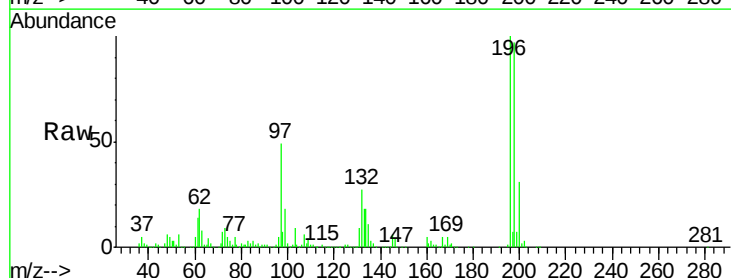
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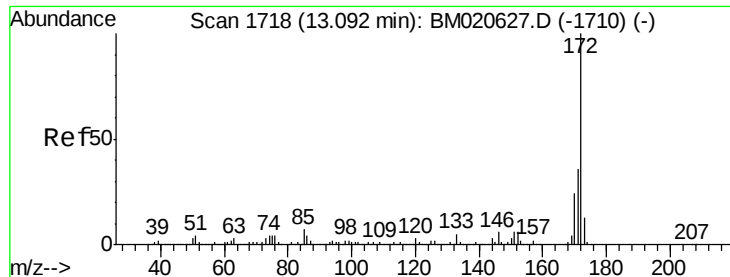
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.417 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020747.D
 Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	810959		
198	96.6	78.6	117.8	
97	48.6	42.7	64.1	
132	26.8	23.4	35.0	





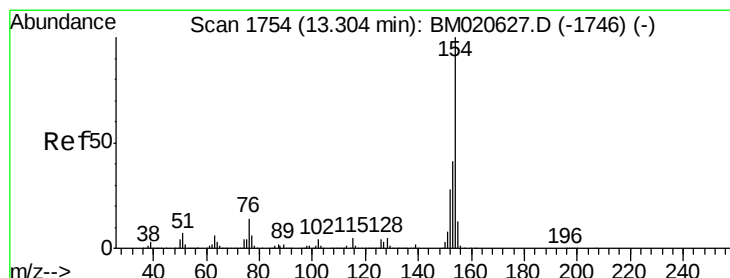
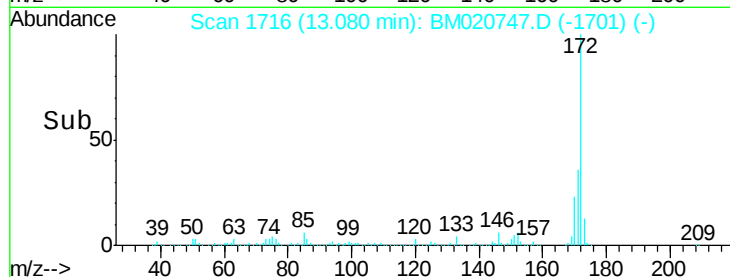
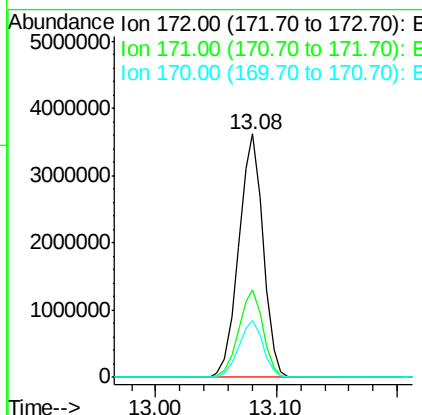
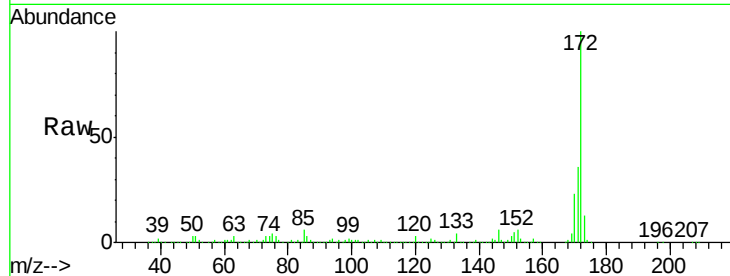
#45
2-Fluorobiphenyl
Concen: 89.673 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.3	18.9	28.3

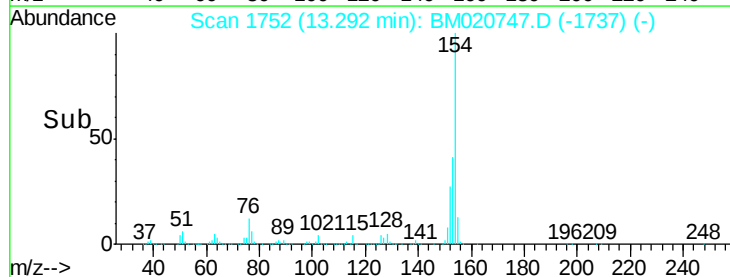
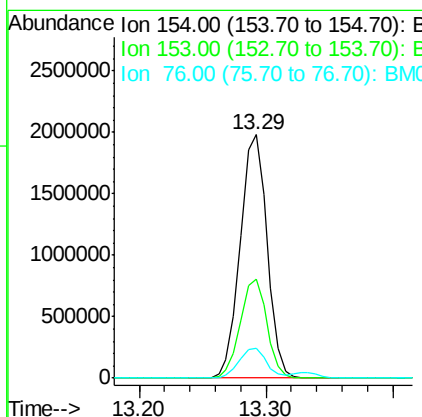
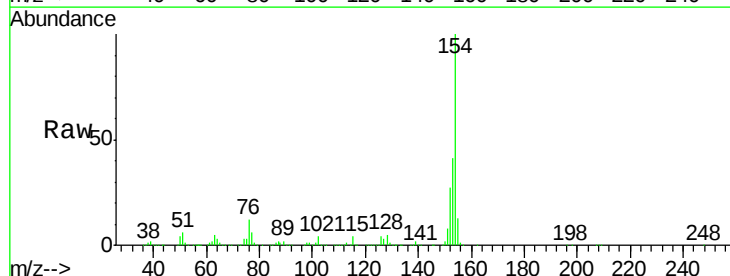
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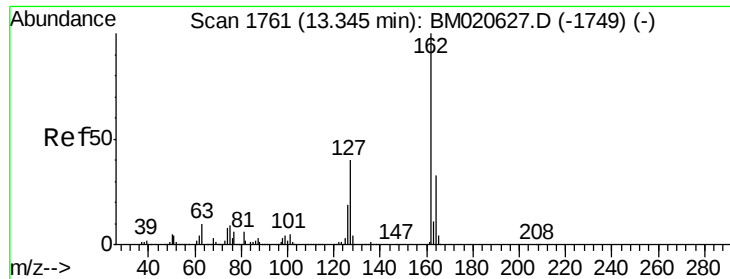
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#46
1,1'-Biphenyl
Concen: 46.059 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	12.2	0.0	34.0





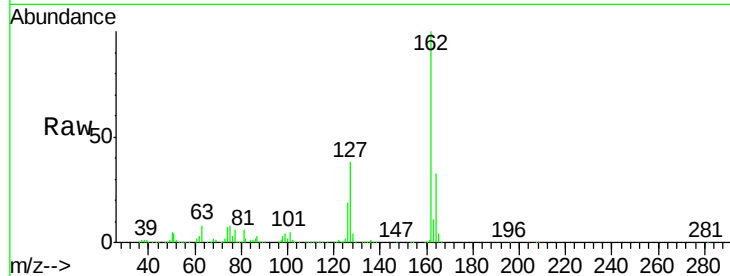
#47
2-Chloronaphthalene
Concen: 44.076 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

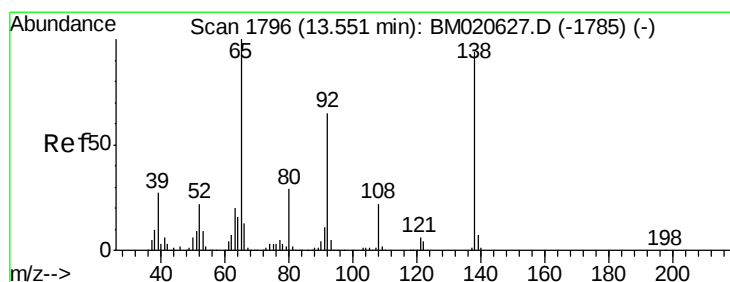
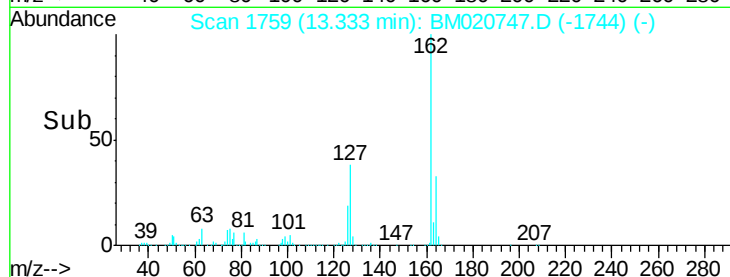
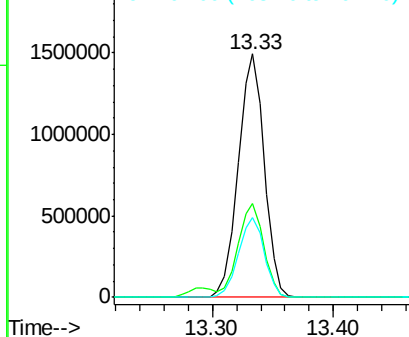
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	38.5	32.1	48.1	
164	33.0	26.6	39.8	

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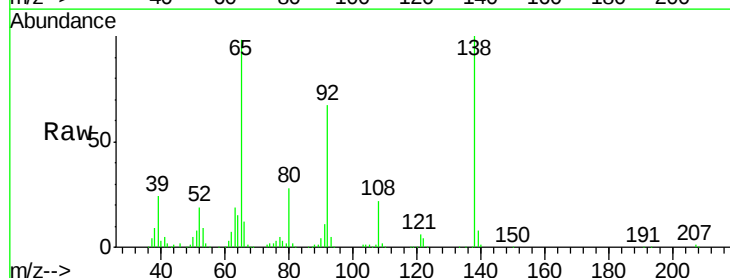


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

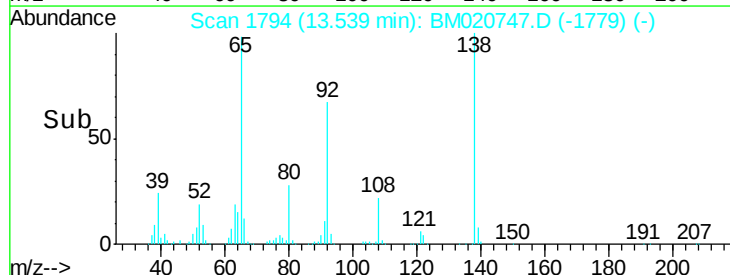
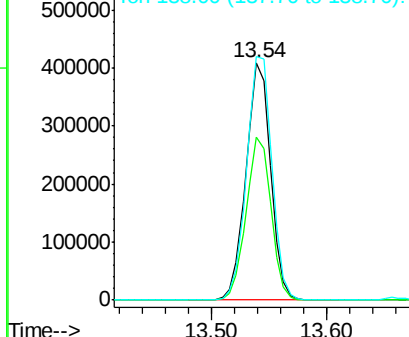


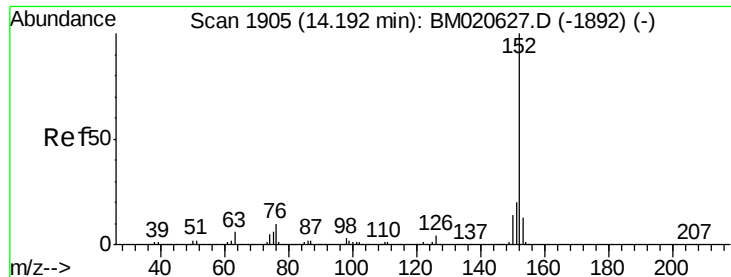
#48
2-Nitroaniline
Concen: 38.117 ng
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	68.6	52.2	78.4	
138	102.4	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: 43.798 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

IDOC-02-RC

Tot Ion:152 Resp: 3471187

Ion Ratio Lower Upper

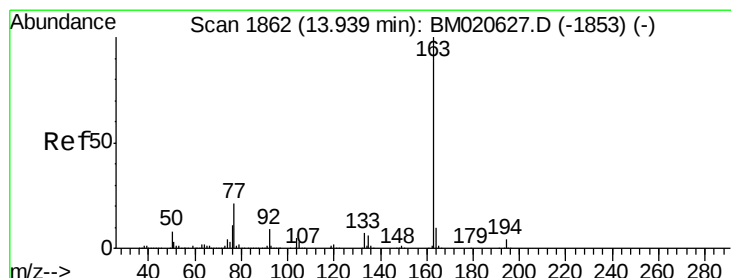
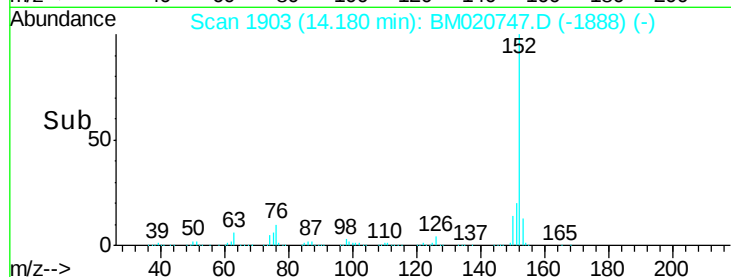
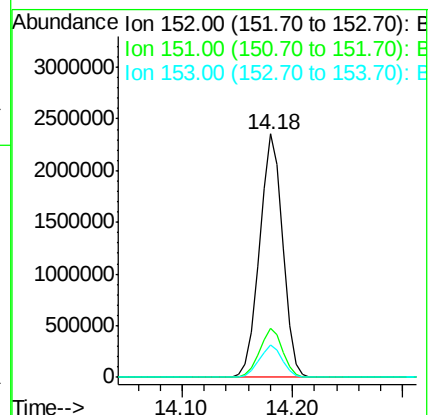
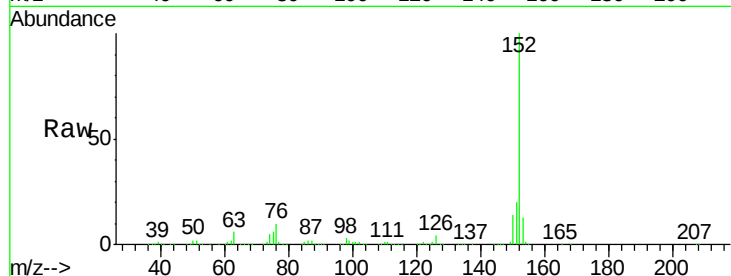
152 100

151 20.2 16.2 24.2

153 13.2 10.6 15.8

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#50

Dimethylphthalate

Concen: 40.744 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

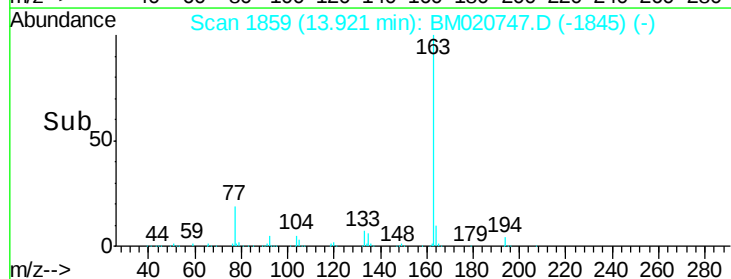
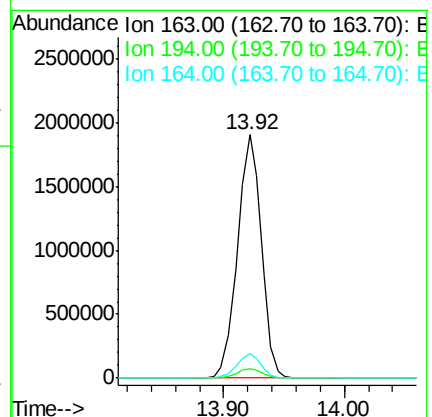
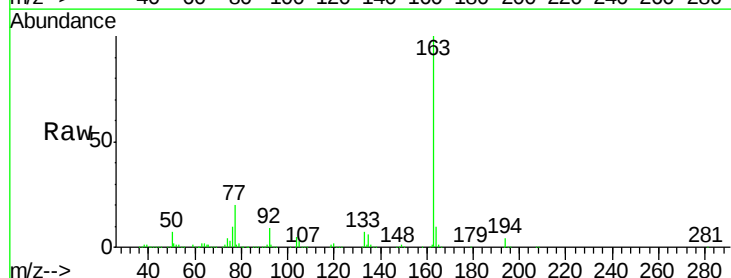
Tgt Ion:163 Resp: 2623116

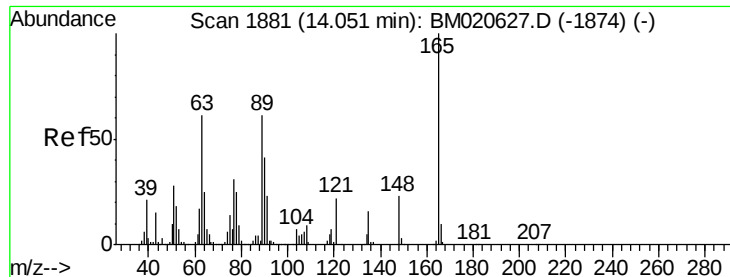
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.9 7.9 11.9





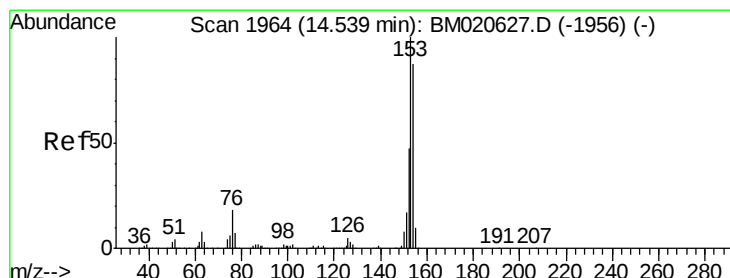
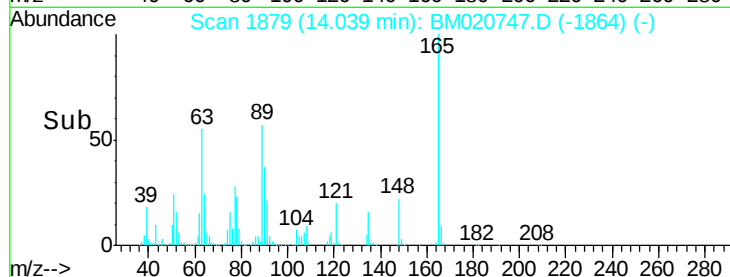
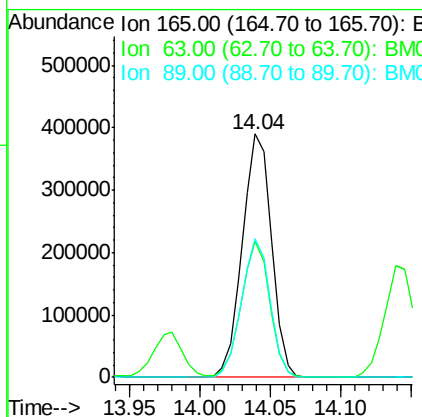
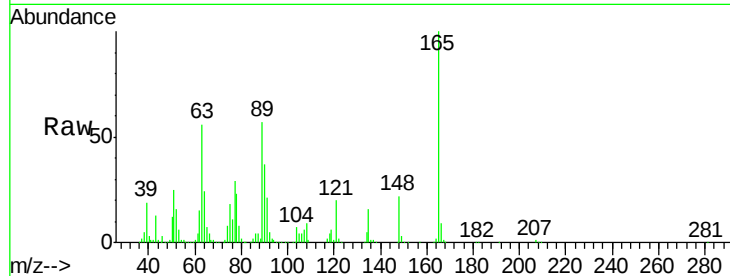
#51
2,6-Dinitrotoluene
Concen: 43.196 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	564670		
63	55.8		50.4	75.6
89	56.8		49.1	73.7

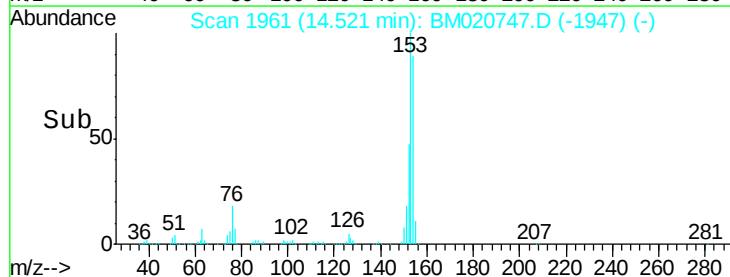
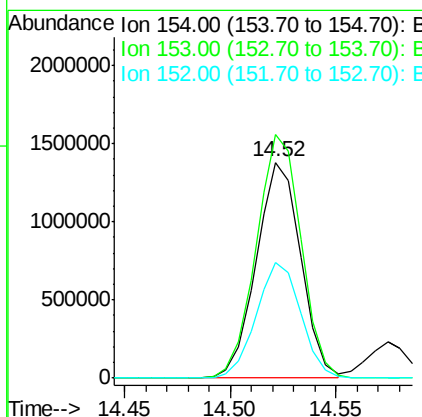
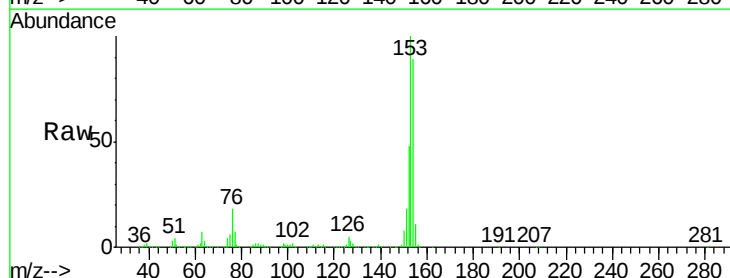
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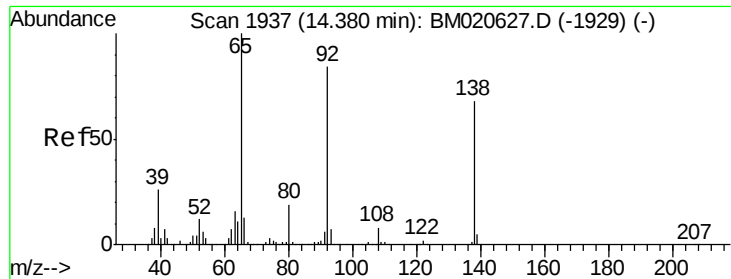
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#52
Acenaphthene
Concen: 42.644 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2014066		
153	113.0		92.4	138.6
152	53.7		43.4	65.0





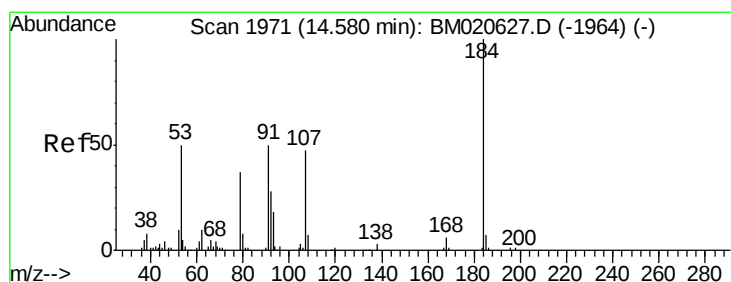
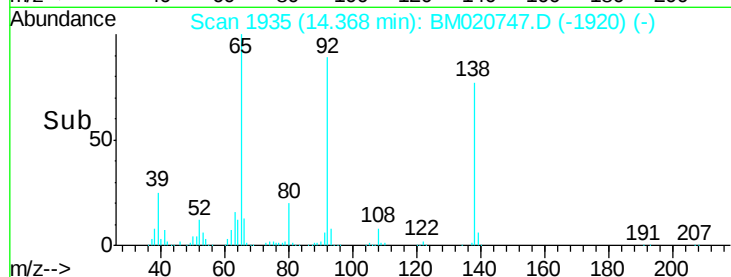
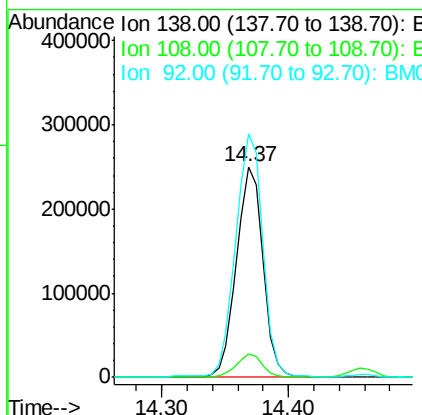
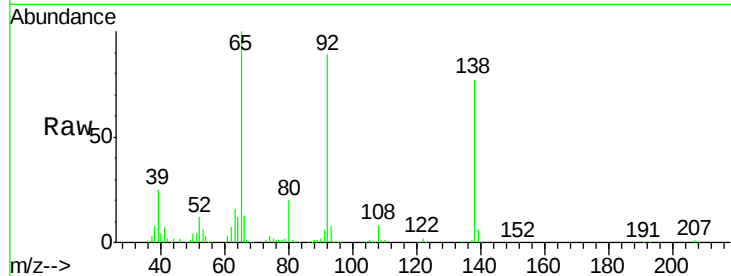
#53
3-Nitroaniline
Concen: 24.780 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Resp	Lower	Upper
138	100	361557		
108	10.8	9.5	14.3	
92	115.7	99.6	149.4	

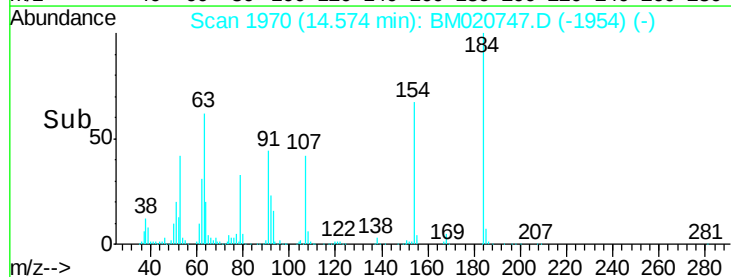
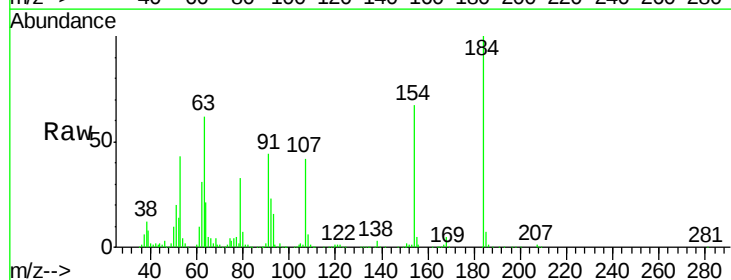
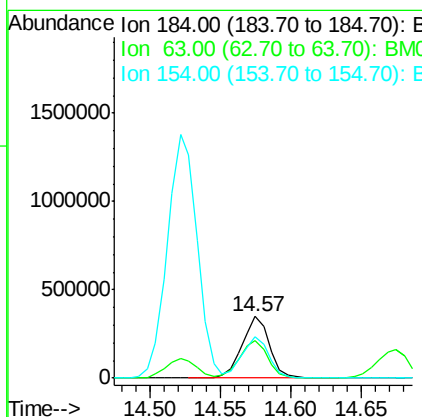
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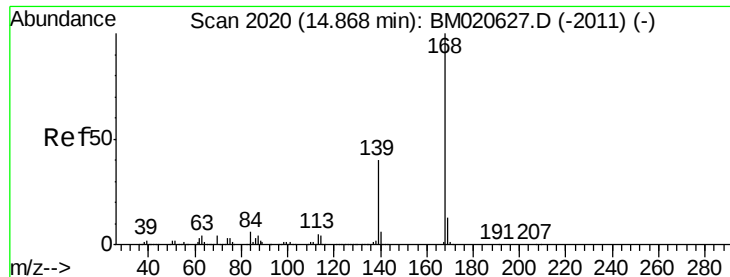
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#54
2,4-Dinitrophenol
Concen: 83.404 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	470958		
63	61.6	59.3	88.9	
154	67.4	56.5	84.7	





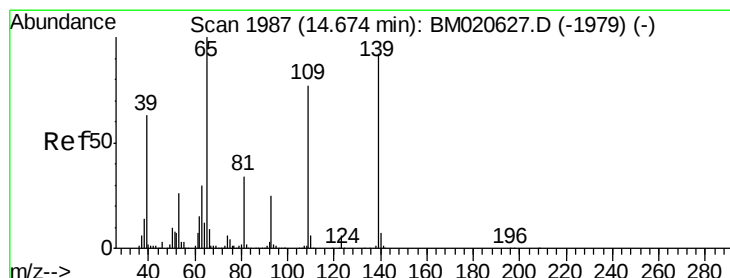
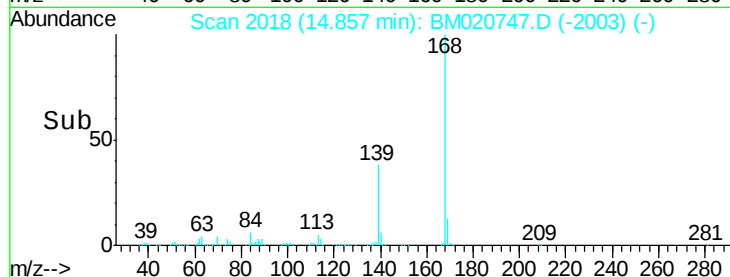
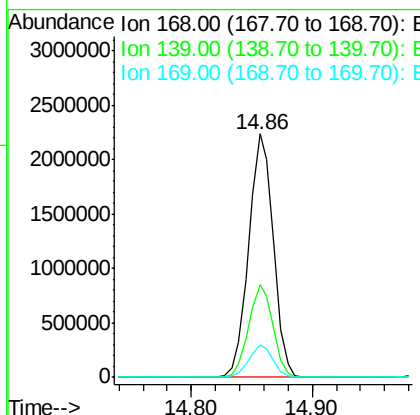
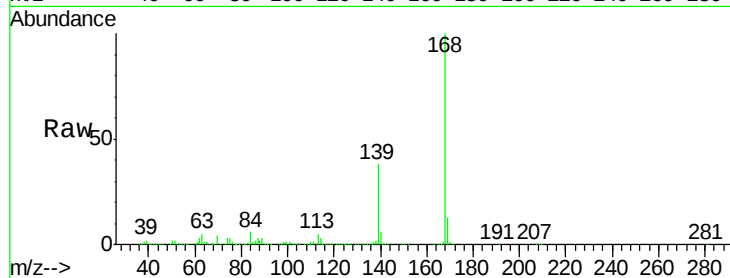
#55
Dibenzofuran
Concen: 43.199 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.9	47.9
169	13.4	10.7	16.1

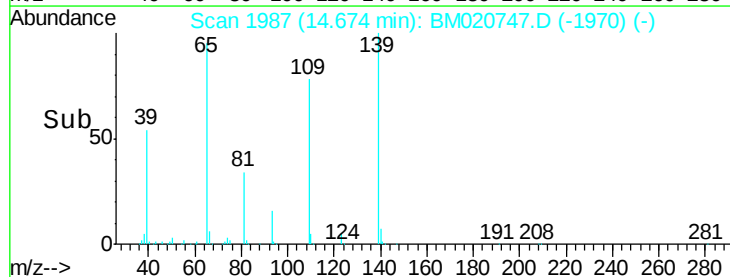
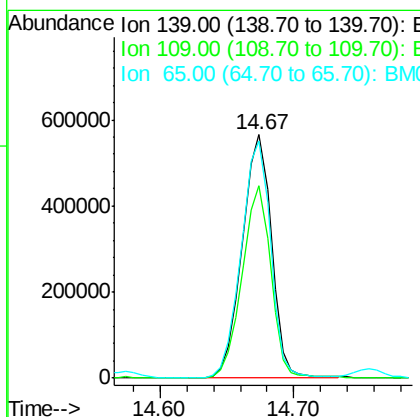
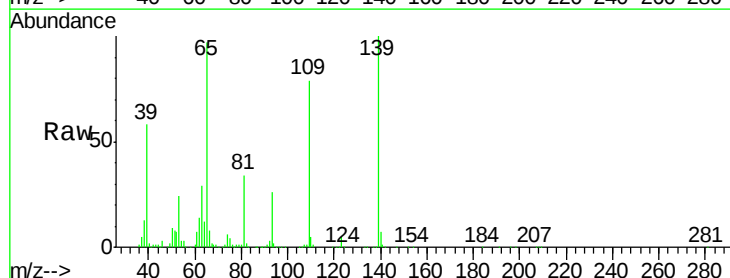
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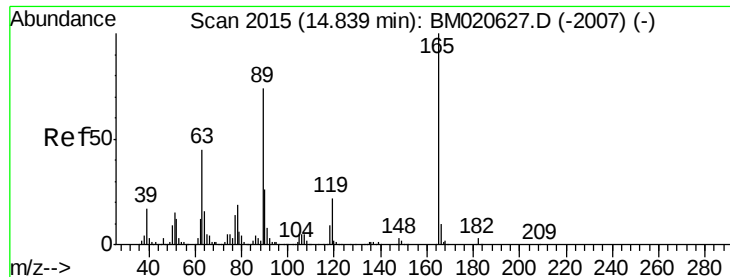
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#56
4-Nitrophenol
Concen: 79.849 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.8	62.7	102.7
65	97.5	88.3	128.3





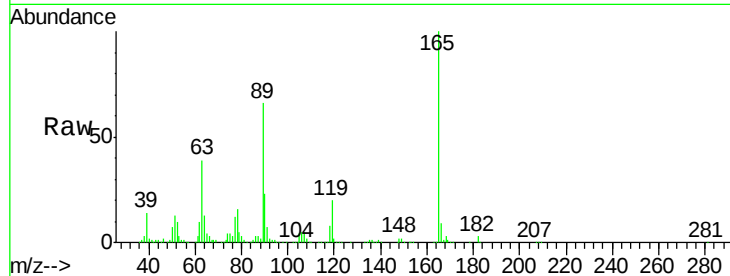
#57
2,4-Dinitrotoluene
Concen: 41.605 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

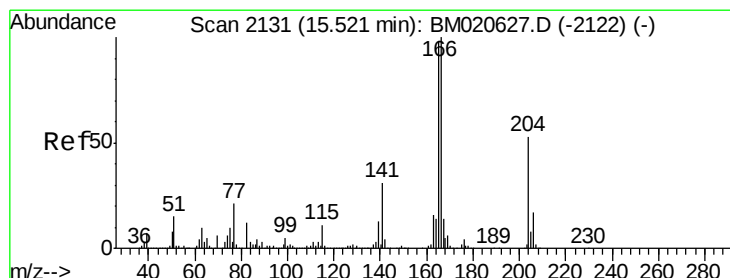
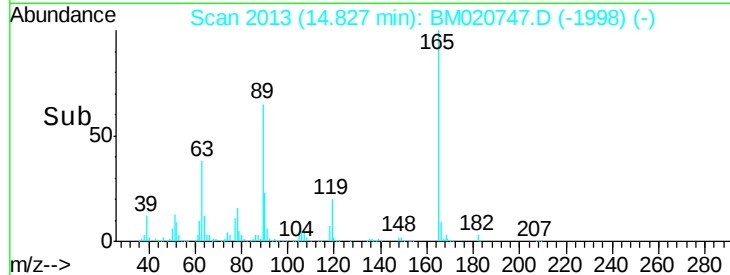
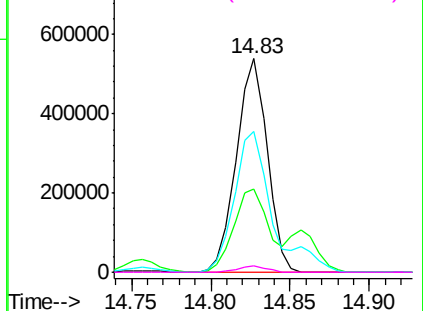
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		728217		
63	39.2	36.3	54.5		
89	65.8	59.0	88.6		
182	2.7	2.2	3.4		

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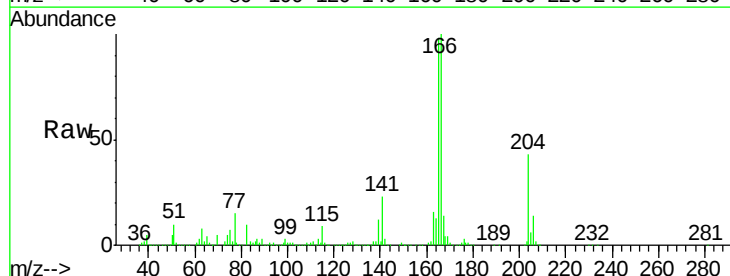


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

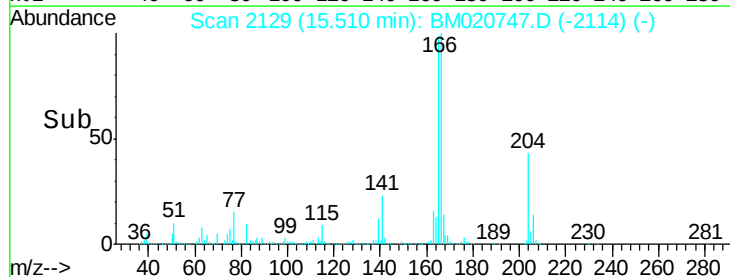
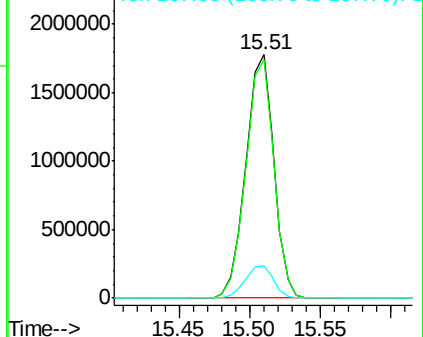


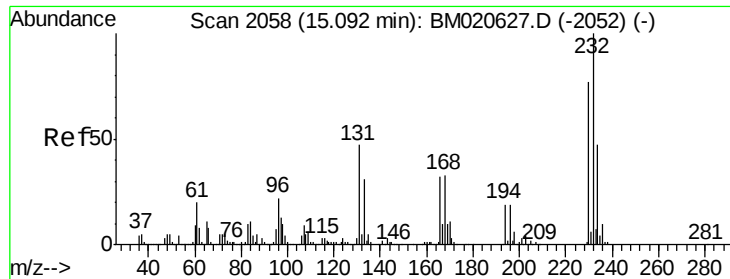
#58
Fluorene
Concen: 41.107 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2479725		
165	98.1	78.6	117.8		
167	13.5	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





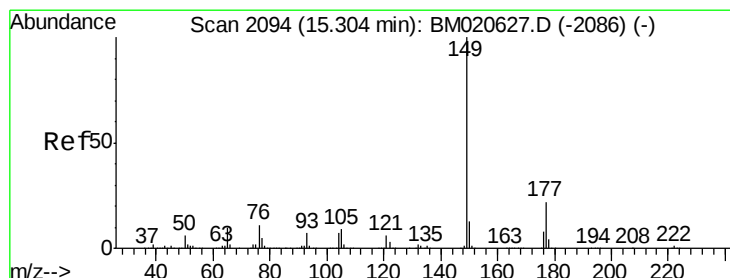
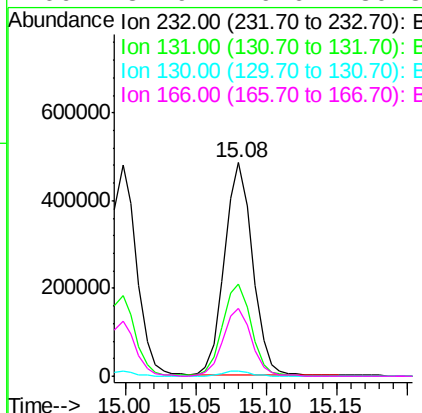
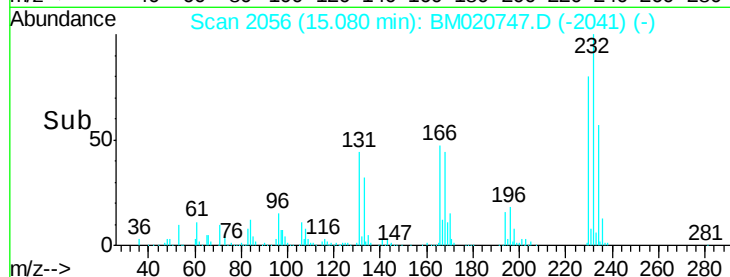
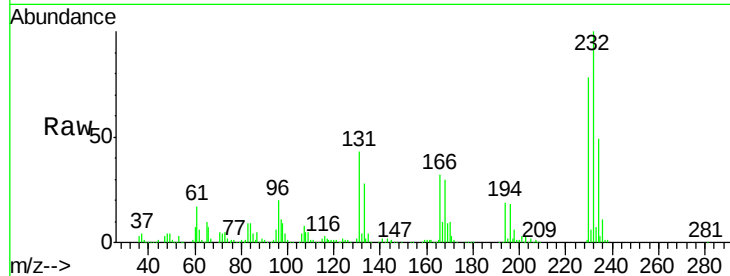
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.227 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020747.D
 Acq: 05 Jun 2019 21:36

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	38.6	57.8
130	2.4	2.2	3.2
166	31.9	26.6	39.8

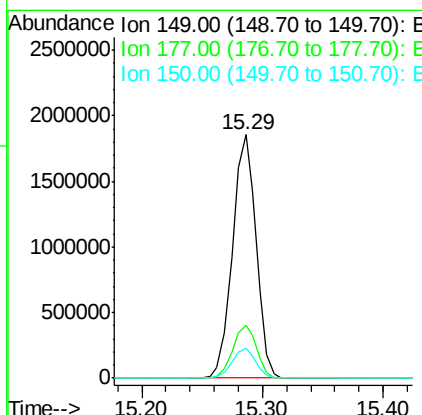
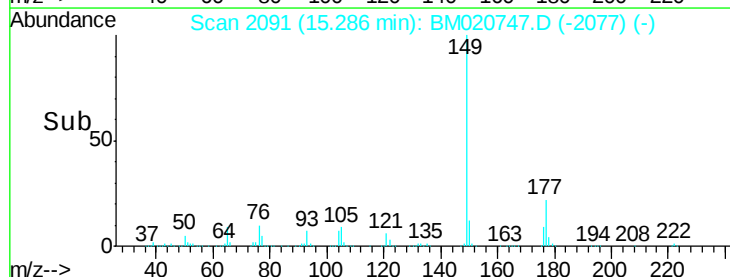
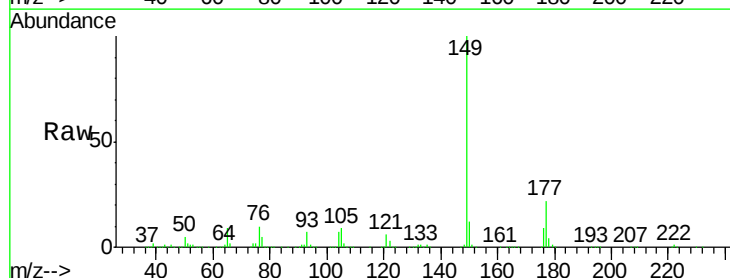
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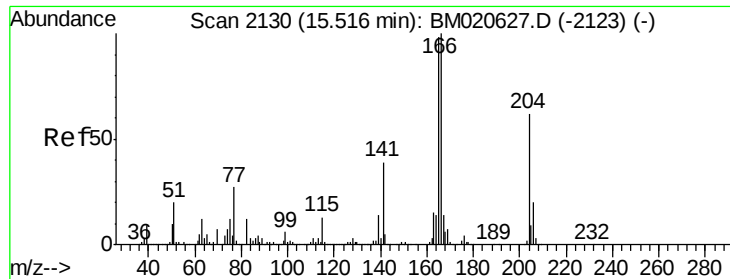
mohammad
 6/6/2019 11:22:02 AM



#60
 Diethylphthalate
 Concen: 37.958 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020747.D
 Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.2	25.8
150	12.3	10.1	15.1





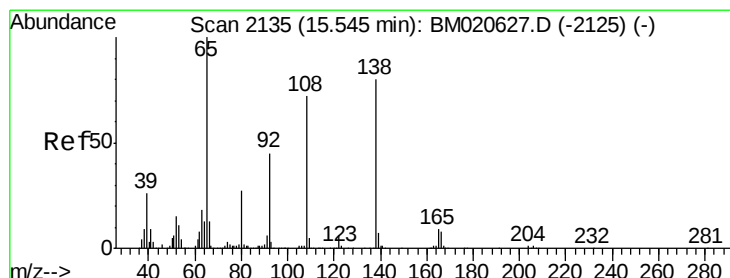
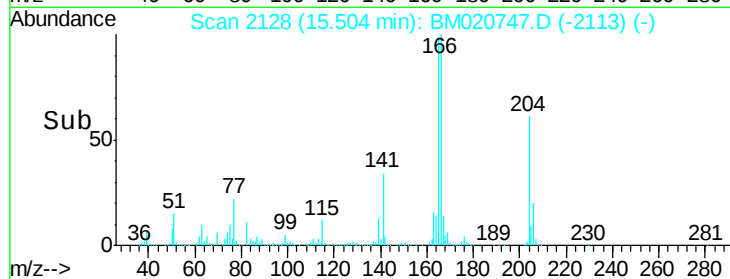
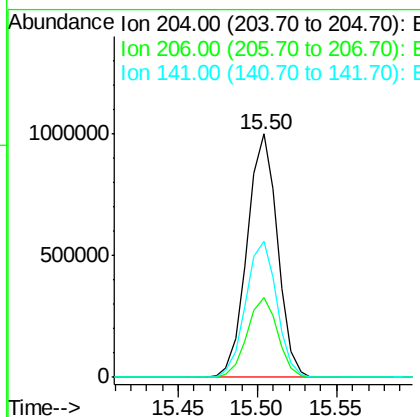
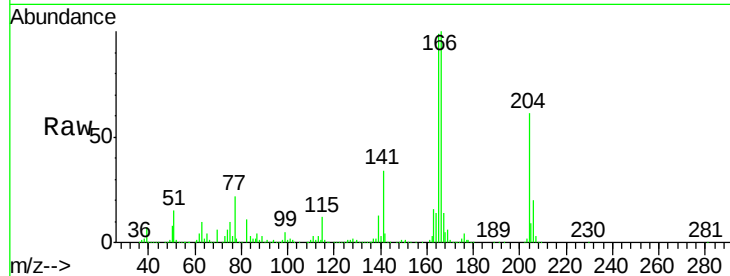
#61
4-Chlorophenyl-phenylether
Concen: 41.653 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion:204 Resp: 1330392
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 56.0 50.2 75.4

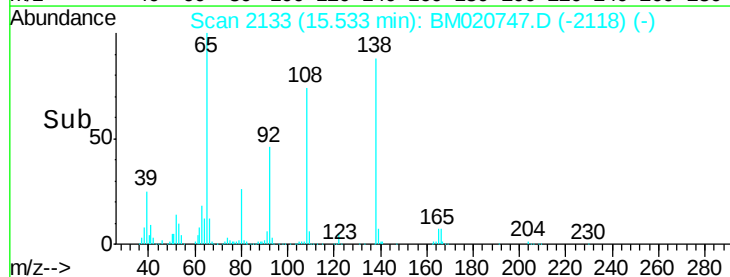
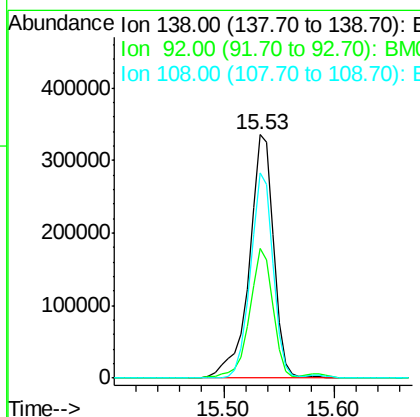
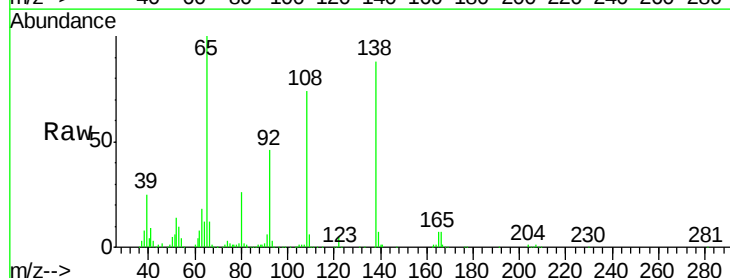
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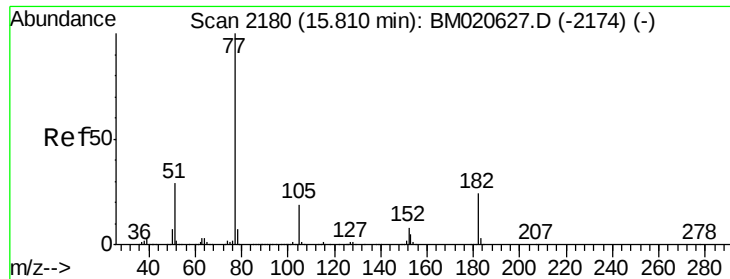
mohammad
6/6/2019 11:22:02 AM



#62
4-Nitroaniline
Concen: 33.810 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion:138 Resp: 523196
Ion Ratio Lower Upper
138 100
92 53.1 36.7 76.7
108 84.4 70.3 110.3





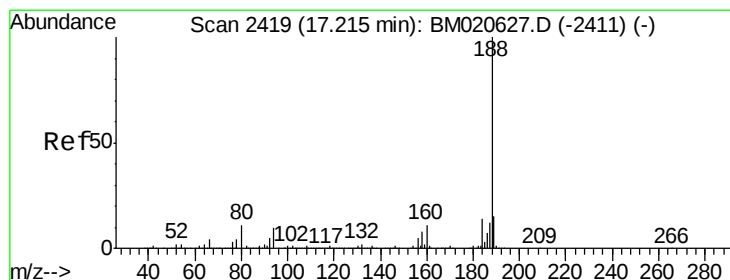
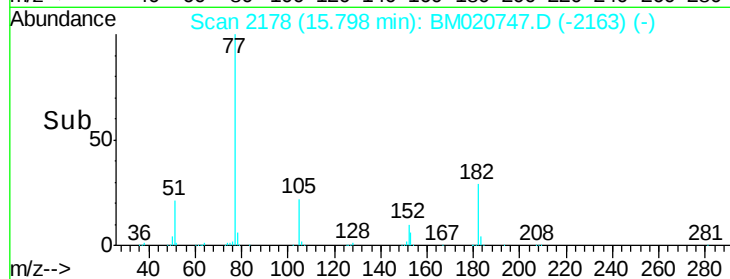
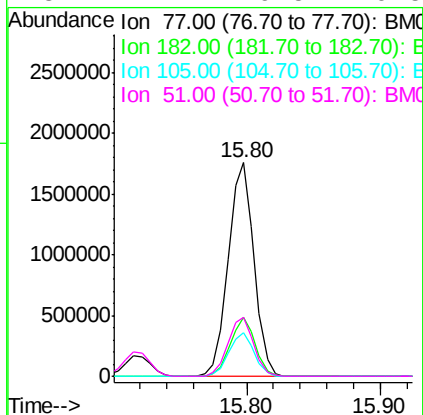
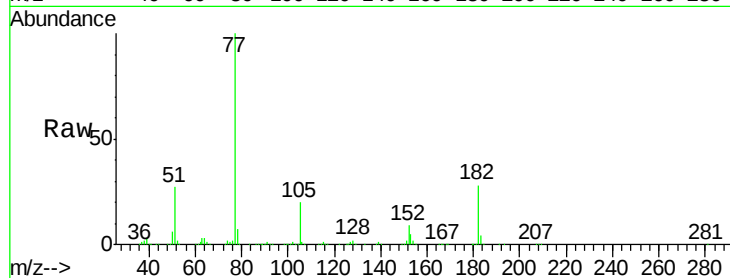
#63
Azobenzene
Concen: 37.038 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.6	3.6	43.6	
105	20.3	0.0	39.4	
51	27.4	9.5	49.5	

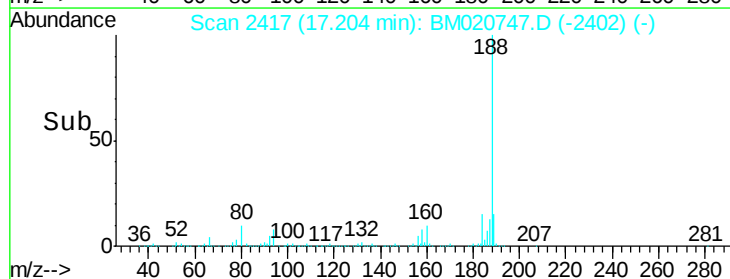
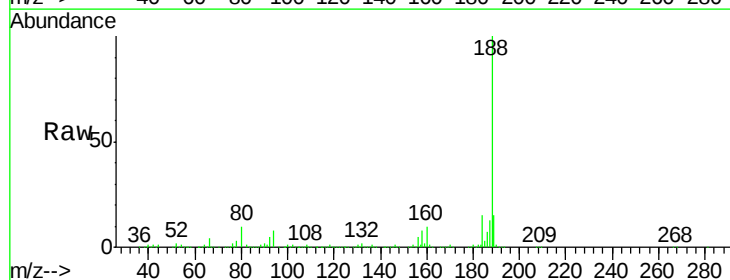
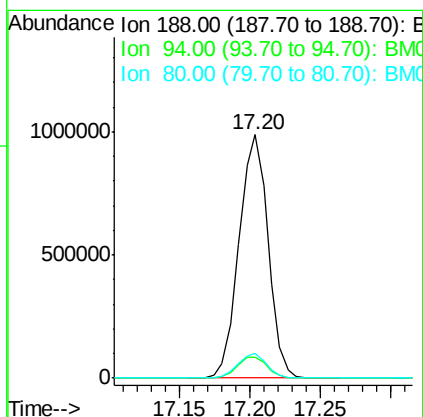
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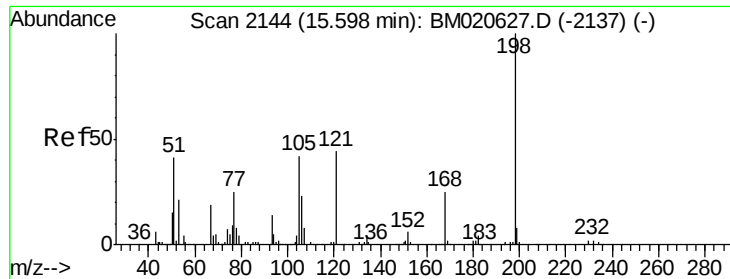
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

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: 45.157 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

IDOC-02-RC

Tot Ion:198 Resp: 286738

Ion Ratio Lower Upper

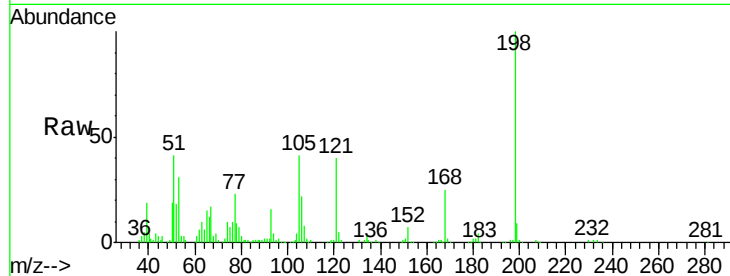
198 100

51 41.5 27.7 67.7

105 41.3 23.8 63.8

Manual Integrations
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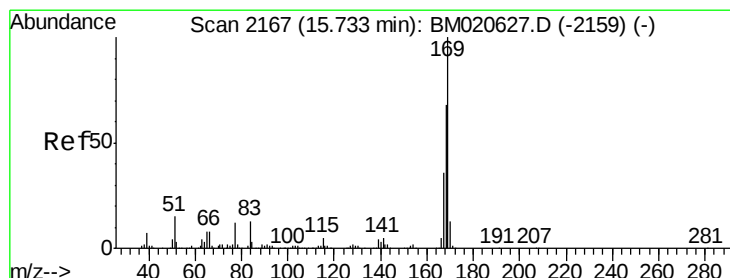
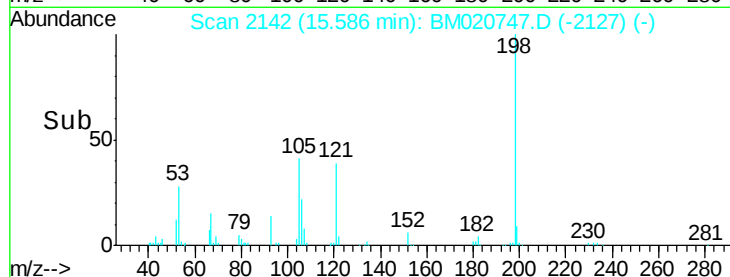
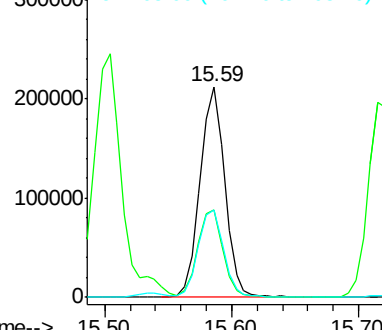
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.520 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

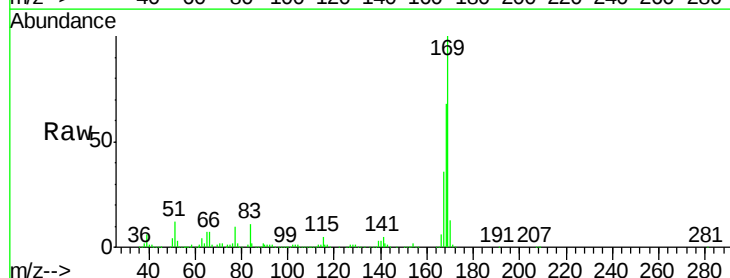
Tgt Ion:169 Resp: 2108120

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.4

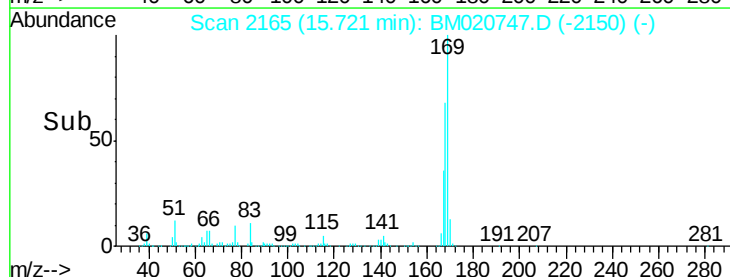
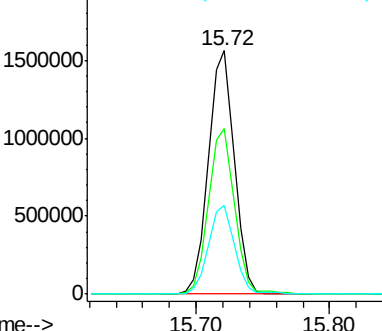
167 36.4 29.1 43.7

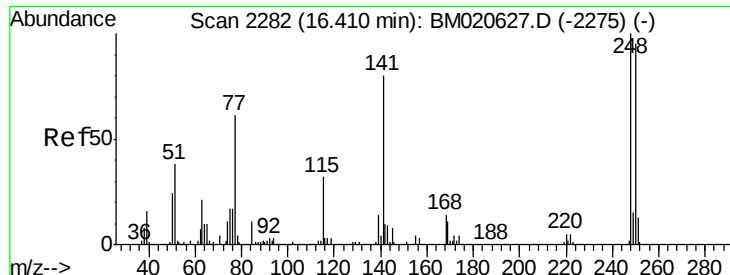


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





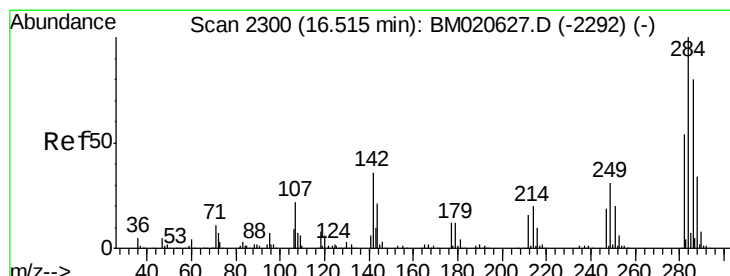
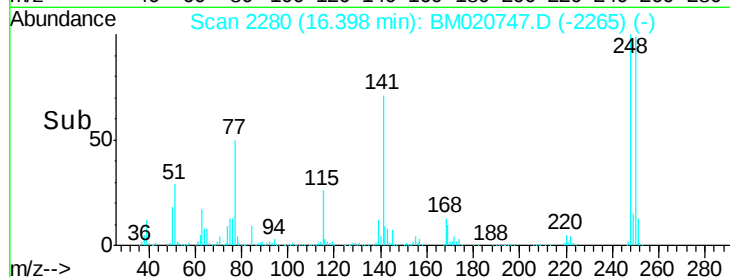
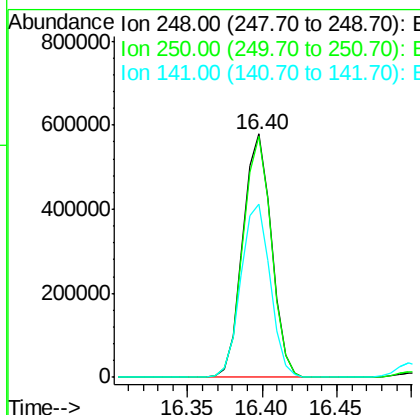
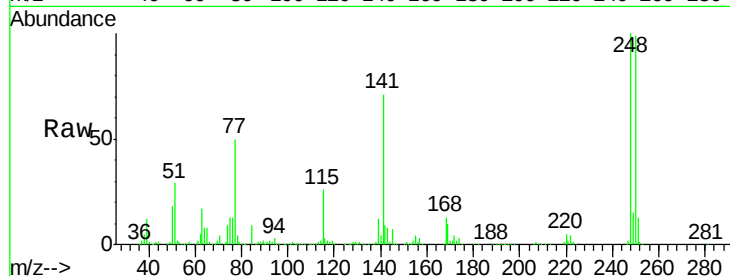
#67
4-Bromophenyl-phenylether
Concen: 45.991 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.3	114.5
141	71.1	64.2	96.2

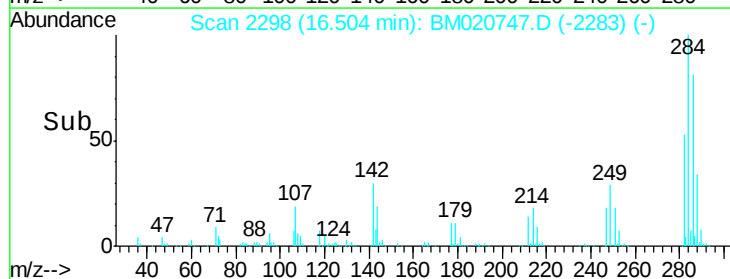
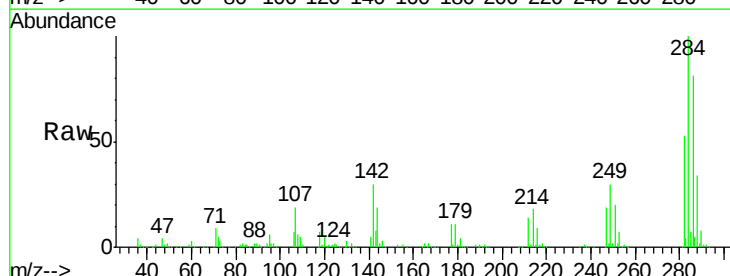
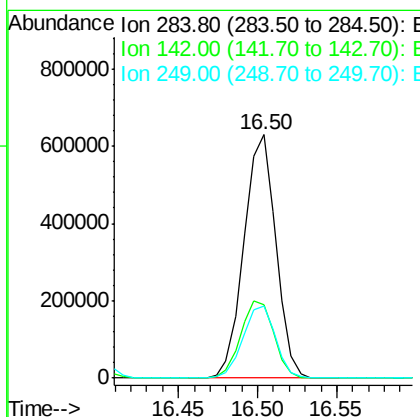
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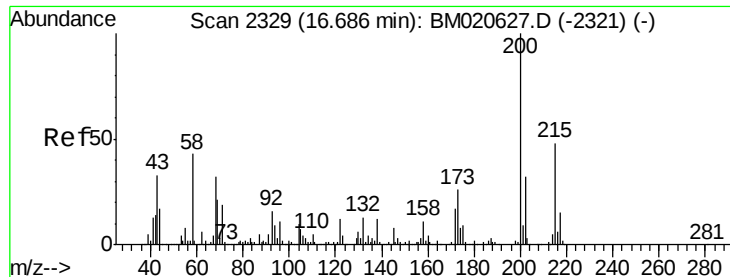
mohammad
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#68
Hexachlorobenzene
Concen: 45.275 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	28.6	42.8
249	29.7	25.0	37.4





#69

Atrazine

Concen: 49.352 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.02 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

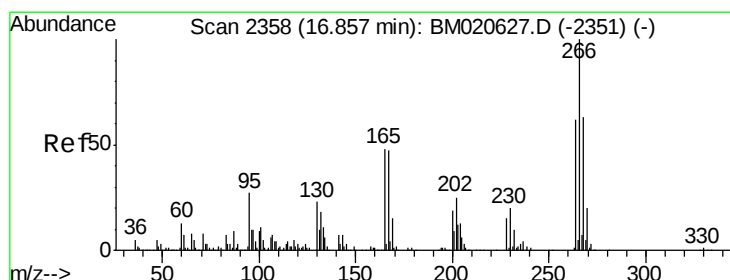
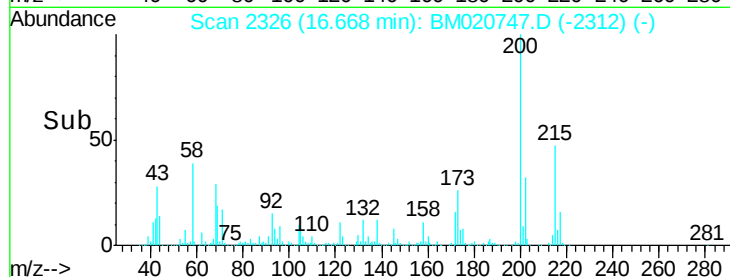
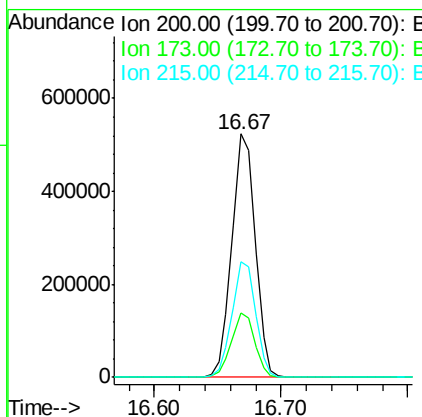
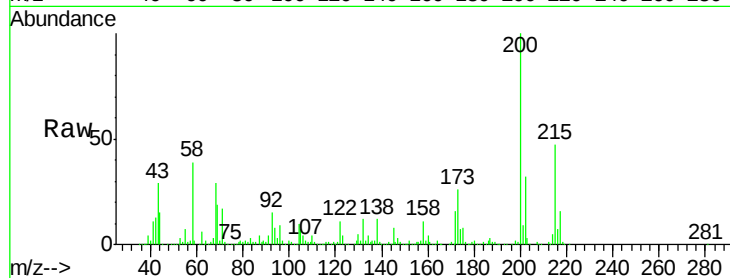
ClientSampleId :

IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.2	46.2
215	47.3	27.7	67.7

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#70

Pentachlorophenol

Concen: 105.475 ng

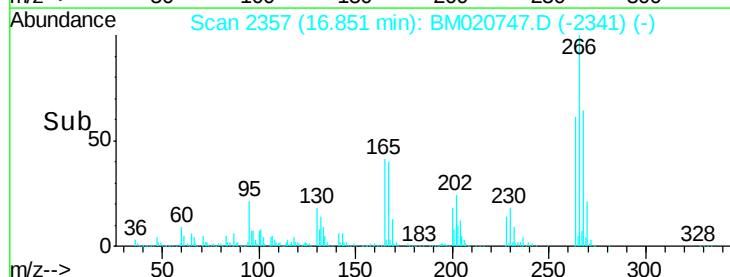
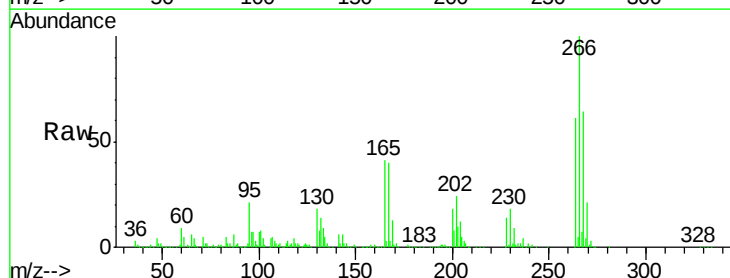
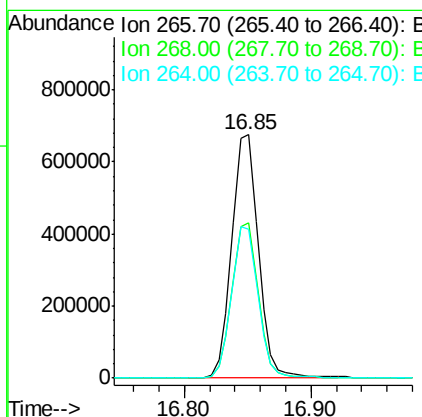
RT: 16.85 min Scan# 2357

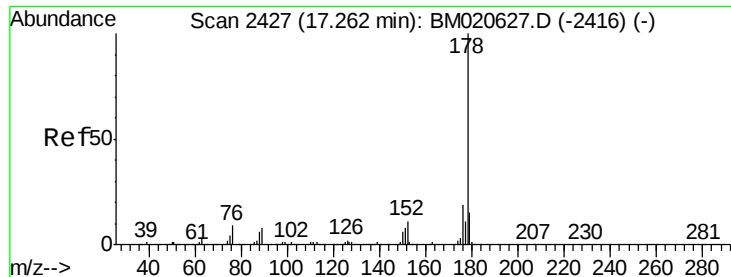
Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.6	75.8
264	61.1	49.6	74.4





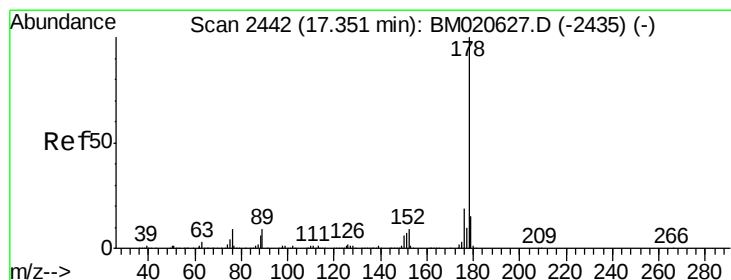
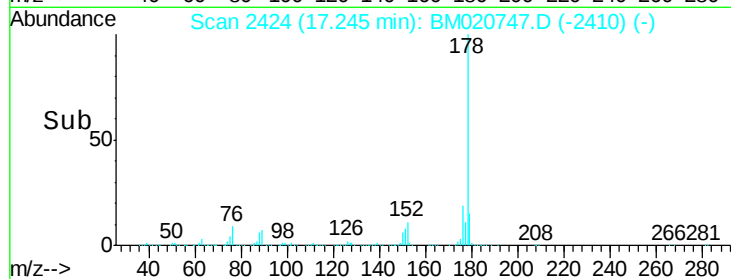
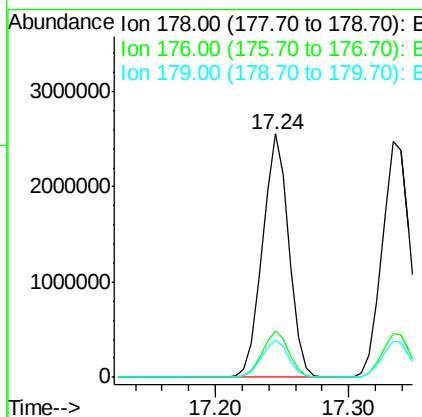
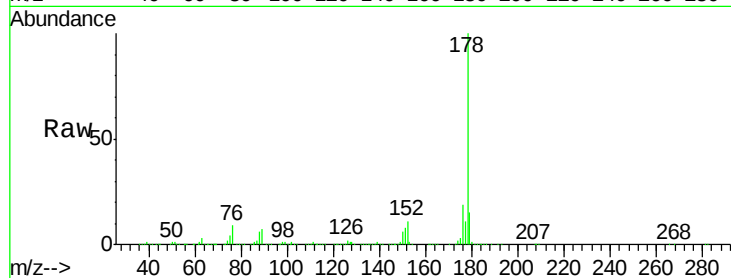
#71
Phenanthrene
Concen: 43.243 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.2	15.5	23.3	
179	15.5	12.2	18.4	

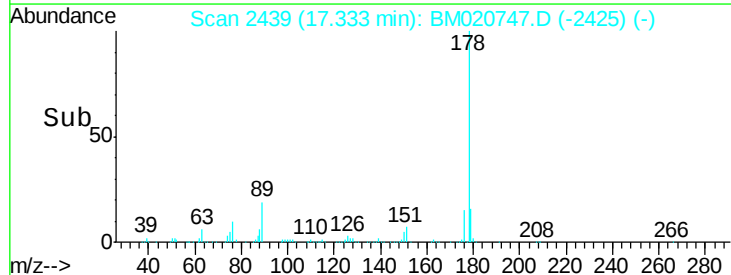
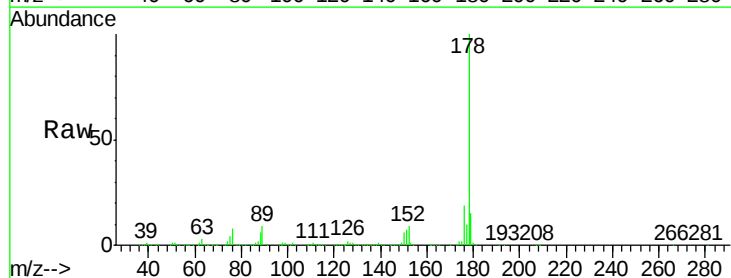
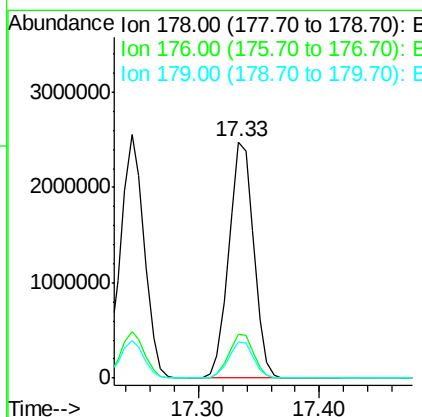
Manual Integrations
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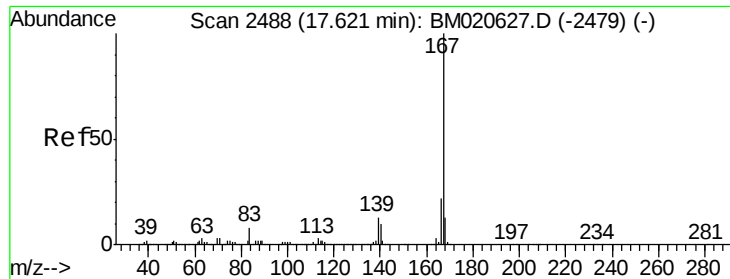
mohammad
6/6/2019 11:22:02 AM



#72
Anthracene
Concen: 44.184 ng
RT: 17.33 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.6	15.1	22.7	
179	15.4	12.3	18.5	





#73

Carbazole

Concen: 41.149 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

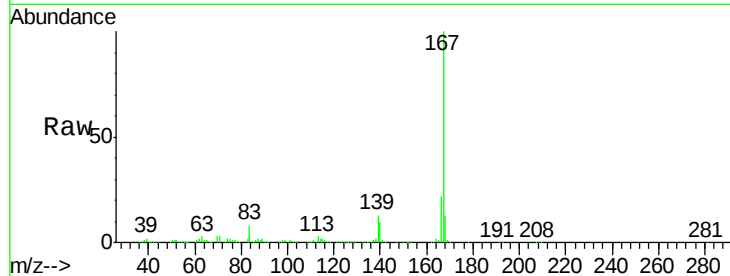
ClientSampleId :

IDOC-02-RC

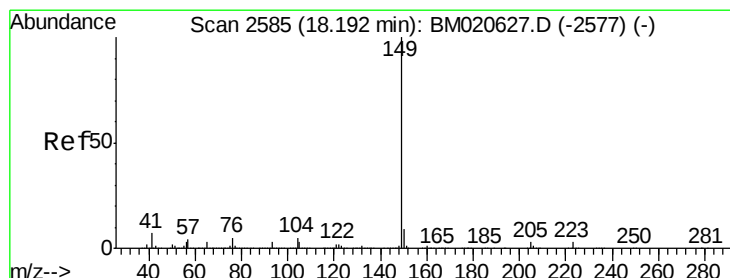
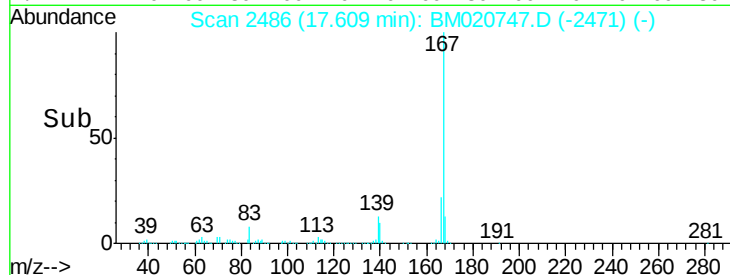
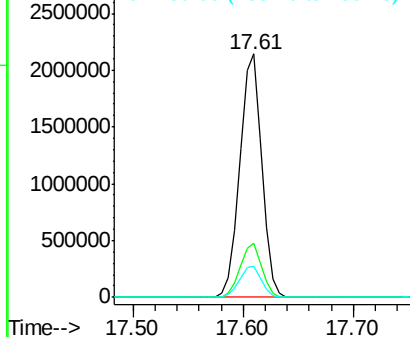
Tot Ion:	167	Resp:	2998935
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.6	10.6	15.8

Manual Integrations
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mohammad
6/6/2019 11:22:02 AM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.619 ng

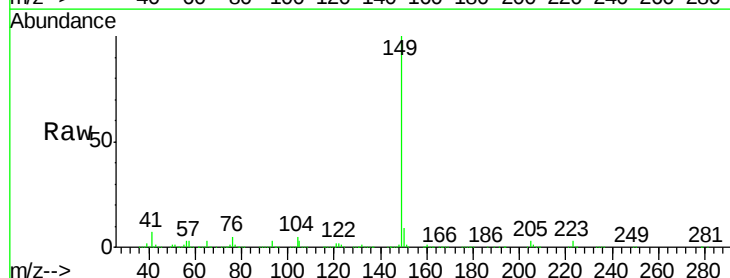
RT: 18.17 min Scan# 2581

Delta R.T. -0.02 min

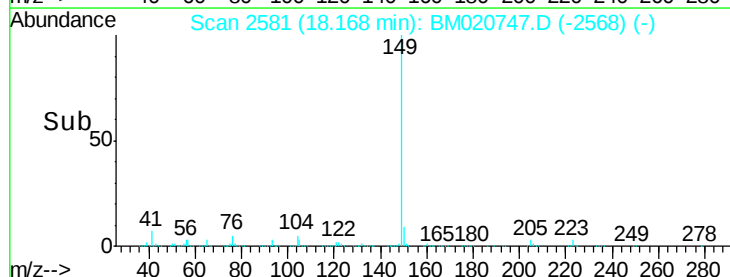
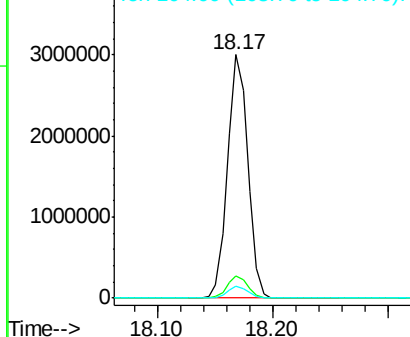
Lab File: BM020747.D

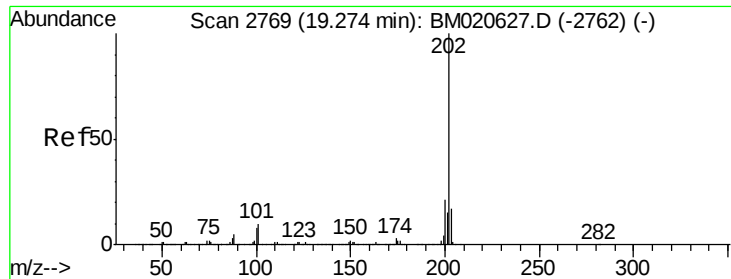
Acq: 05 Jun 2019 21:36

Tgt Ion:	149	Resp:	3653586
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.0	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.686 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

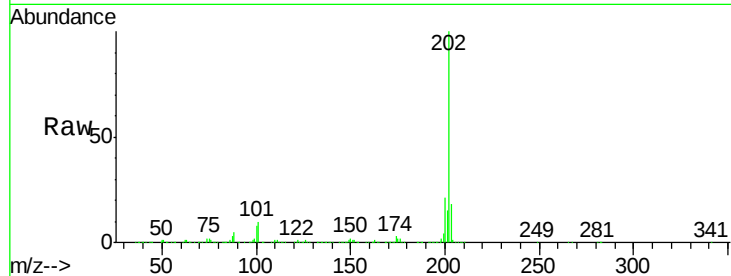
ClientSampleId :

IDOC-02-RC

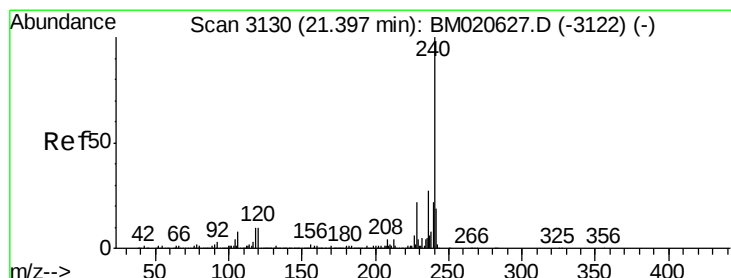
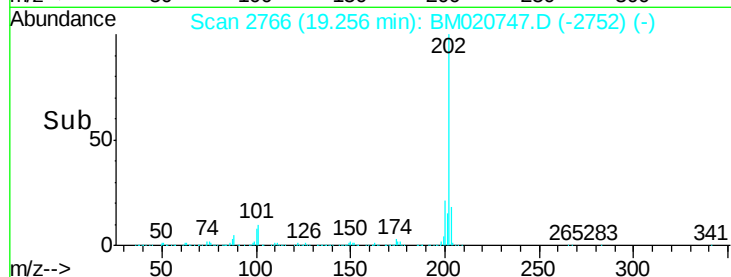
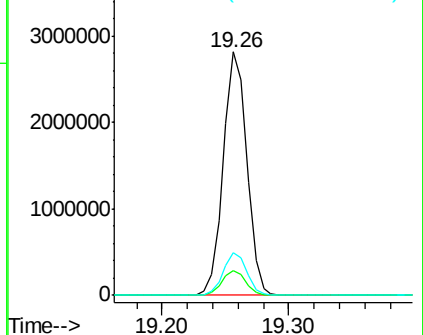
Tot Ion:	202	Resp:	3630587
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.4
203	17.6	0.0	37.3

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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

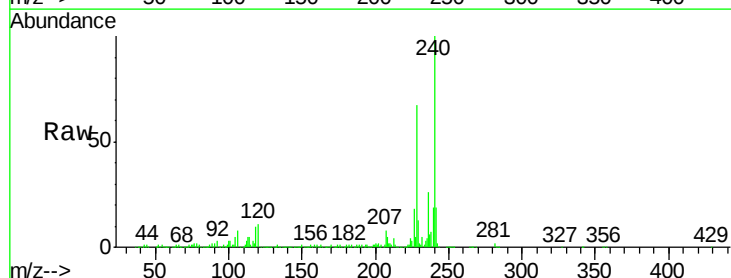
RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

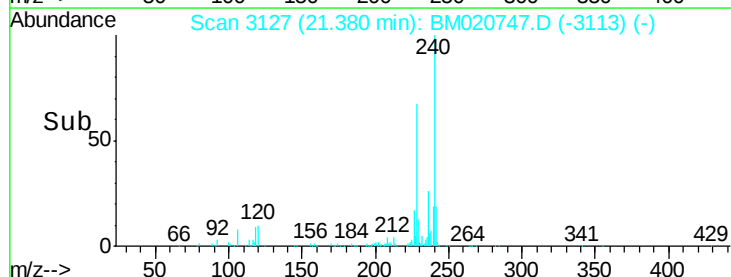
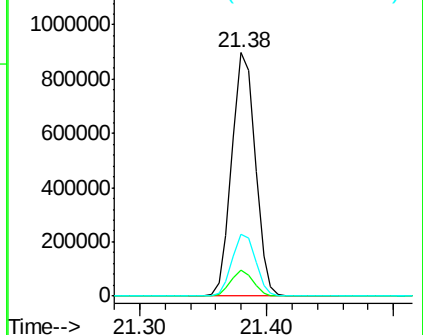
Lab File: BM020747.D

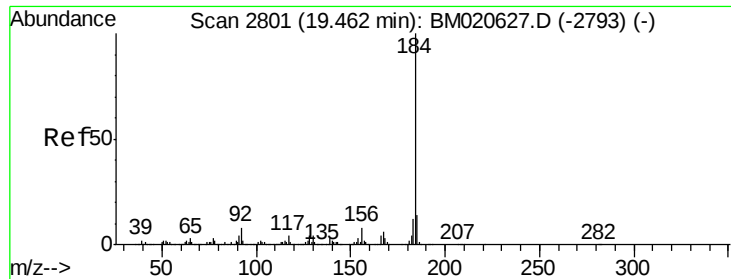
Acq: 05 Jun 2019 21:36

Tgt Ion:	240	Resp:	1150995
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.2
236	25.6	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: 43.590 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

IDOC-02-RC

Tot Ion:184 Resp: 1520250

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

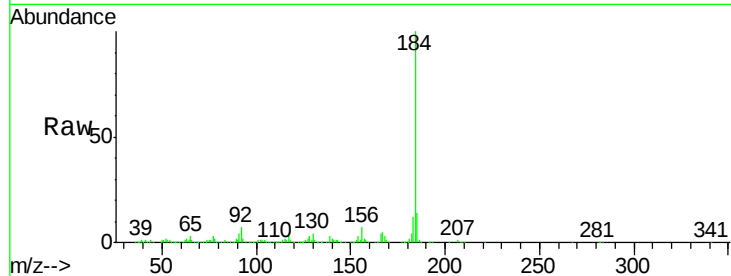
183 12.3 9.8 14.6

Manual Integrations

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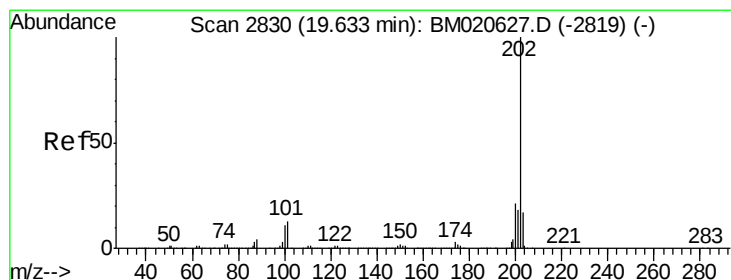
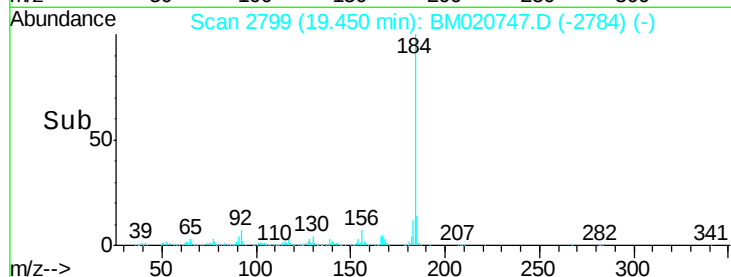
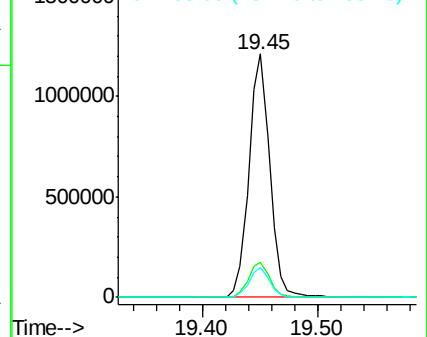
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.301 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

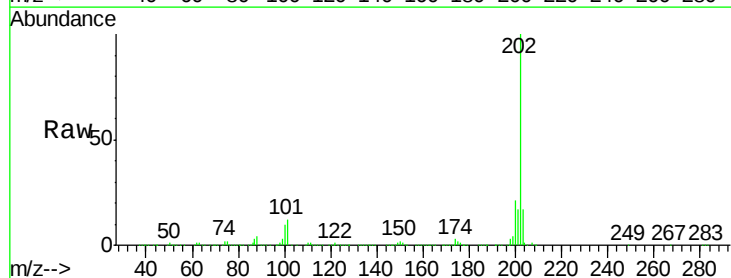
Tgt Ion:202 Resp: 3647905

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

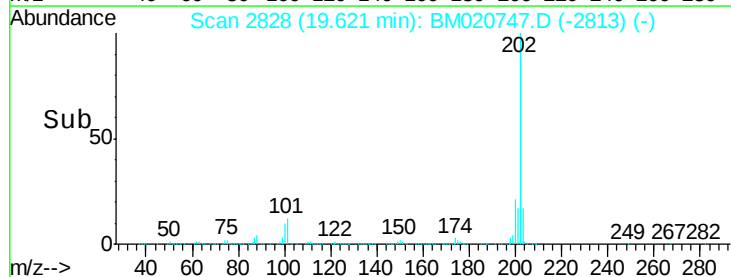
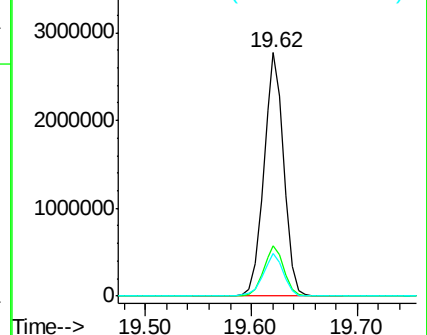
203 17.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





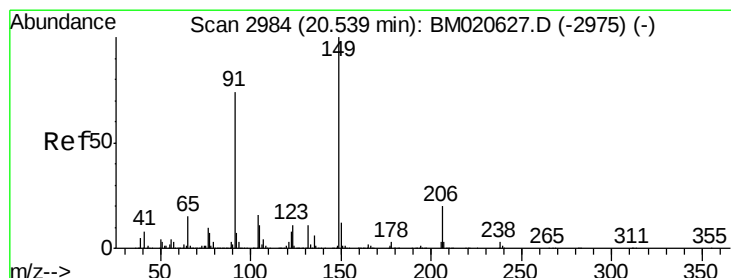
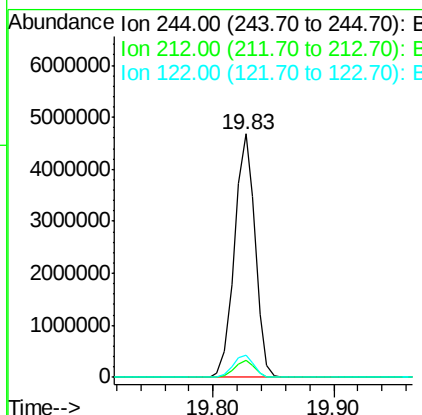
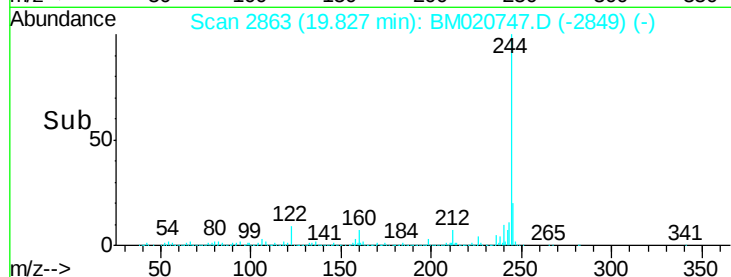
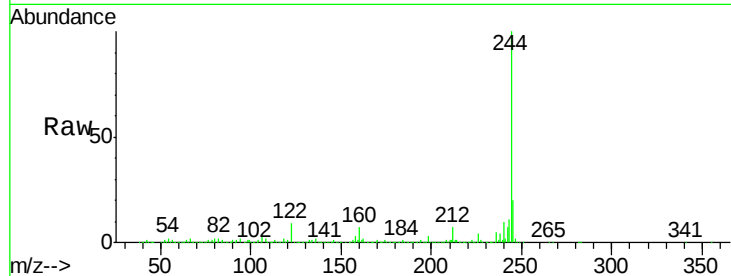
#79
 Terphenyl-d14
 Concen: 80.762 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020747.D
 Acq: 05 Jun 2019 21:36

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02-RC

Tot Ion:244 Resp: 5557485
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.9 7.2 10.8

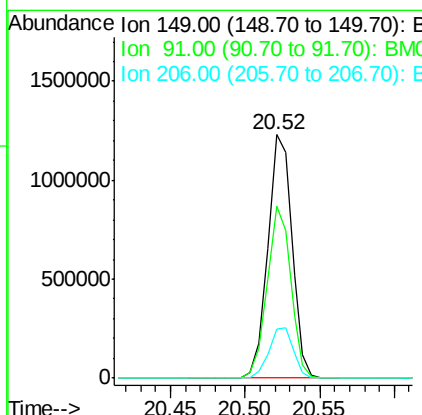
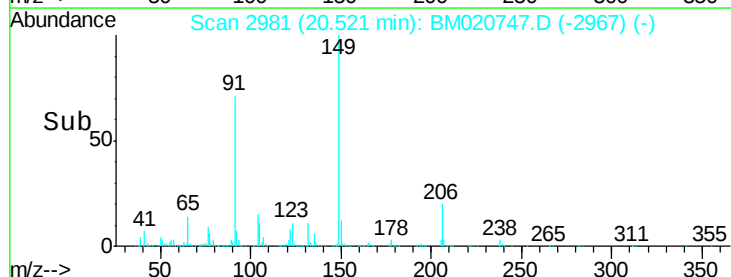
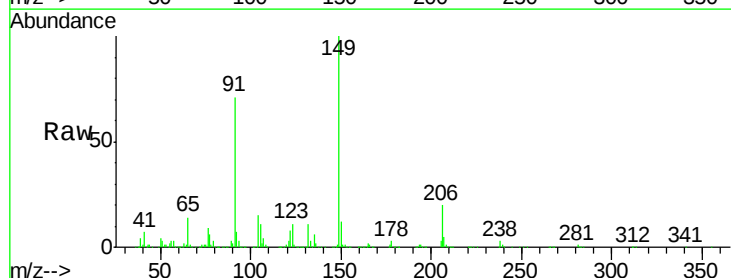
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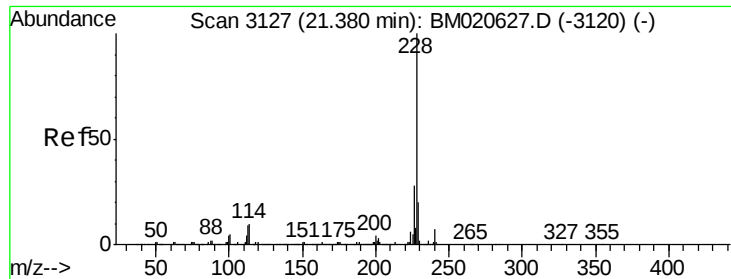
mohammad
 6/6/2019 11:22:02 AM



#80
 Butylbenzylphthalate
 Concen: 36.872 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BM020747.D
 Acq: 05 Jun 2019 21:36

Tgt Ion:149 Resp: 1376298
 Ion Ratio Lower Upper
 149 100
 91 70.7 59.6 89.4
 206 20.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 40.895 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

IDOC-02-RC

Tot Ion:228 Resp: 3277868

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.6	15.9	23.9

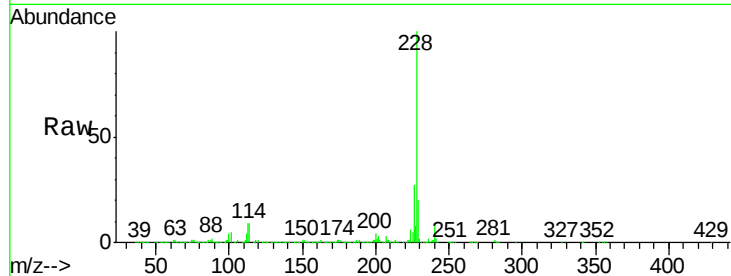
228 100

226 27.4 22.3 33.5

229 19.6 15.9 23.9

Manual Integrations
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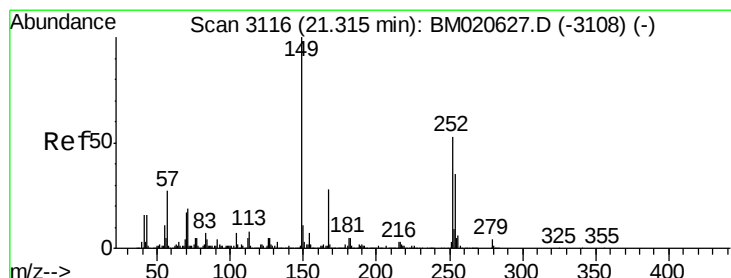
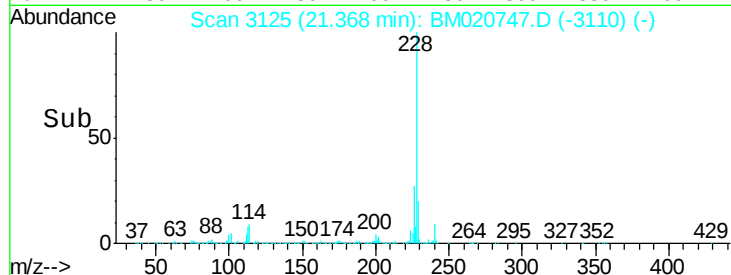
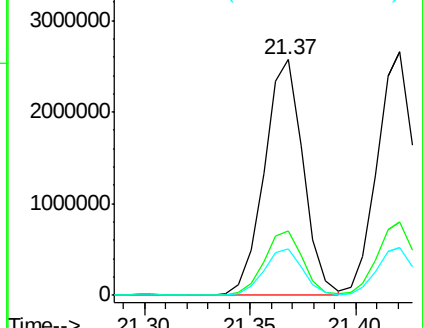
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.378 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

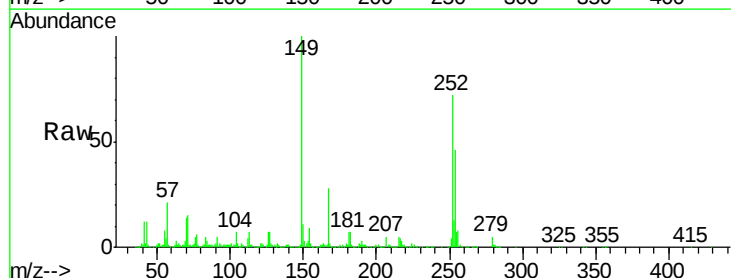
Tgt Ion:252 Resp: 1009032

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	9.8	8.0	12.0

252 100

254 64.6 52.6 78.8

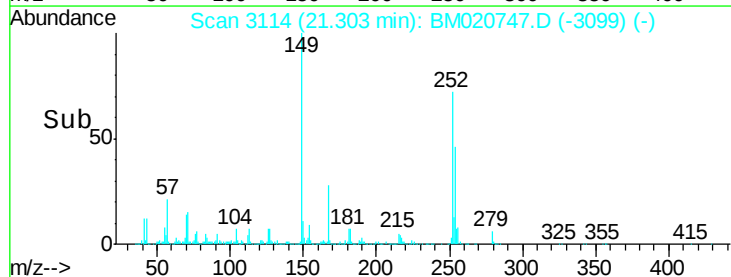
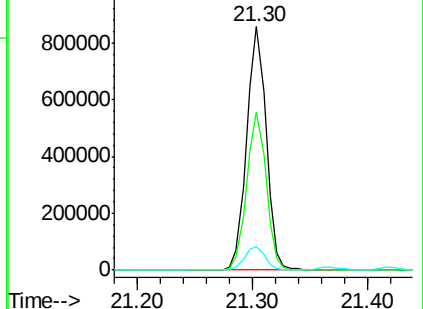
126 9.8 8.0 12.0

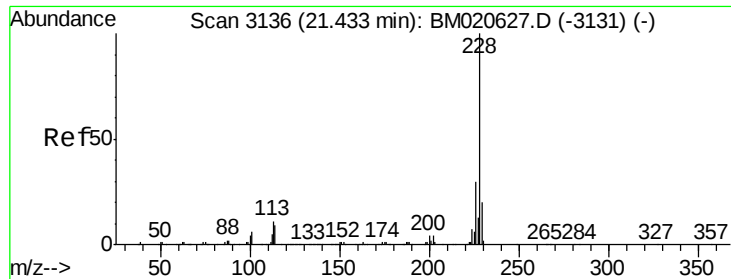


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





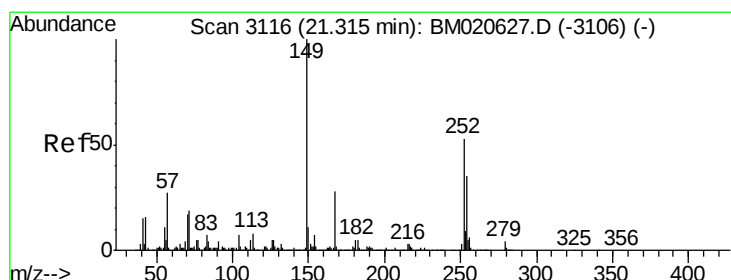
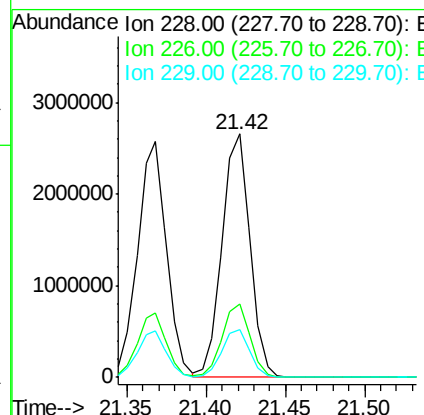
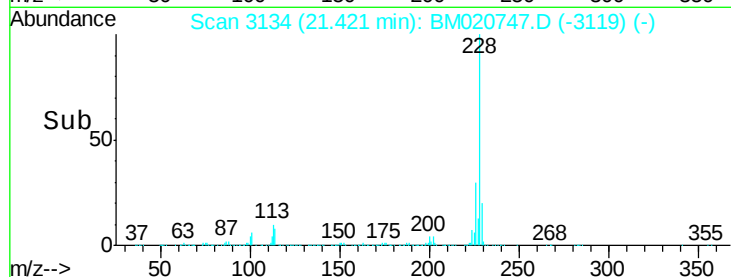
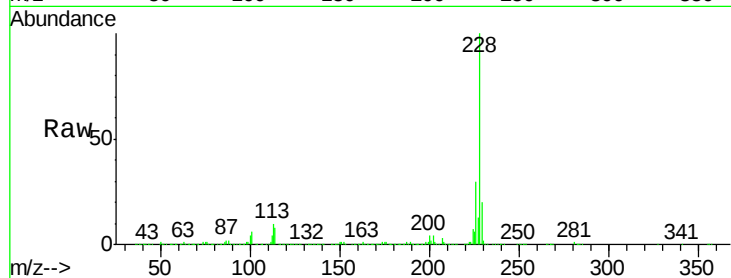
#83
 Chrysene
 Concen: 42.690 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020747.D
 Acq: 05 Jun 2019 21:36

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.8	15.8	23.6

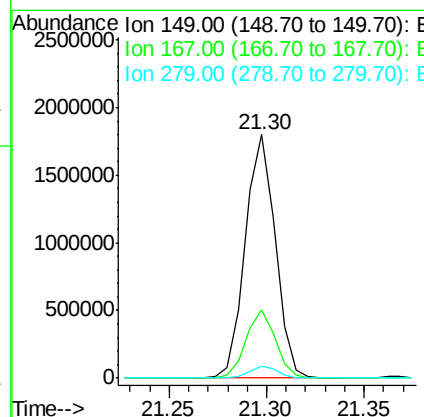
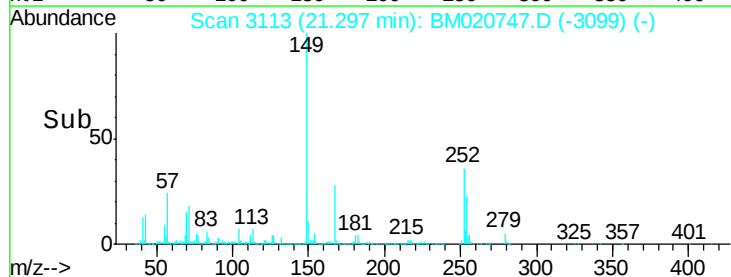
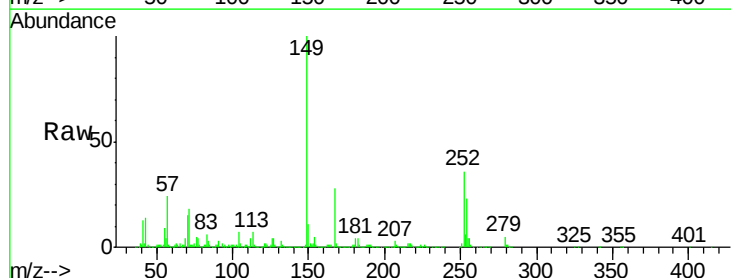
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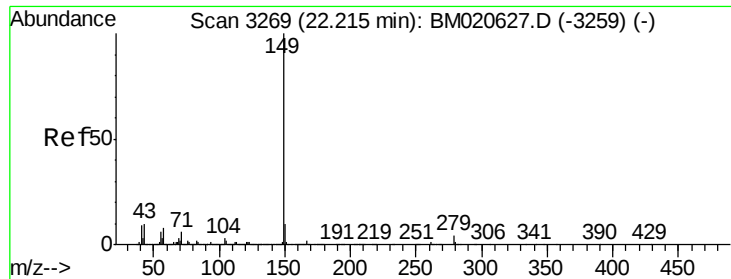
mohammad
 6/6/2019 11:22:02 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.333 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020747.D
 Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.8	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 35.818 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.02 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

Instrument :

BNA_M

ClientSampleId :

IDOC-02-RC

Tot Ion:149 Resp: 3084976

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

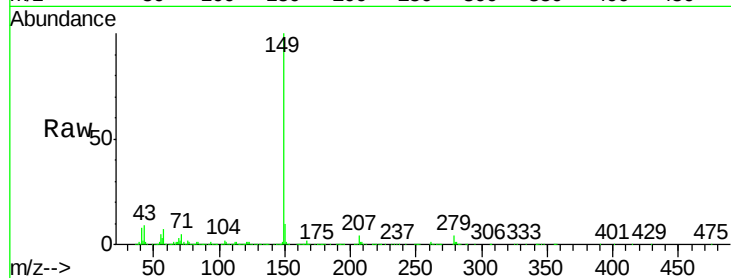
43 9.0 8.2 12.4

Manual Integrations

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mohammad

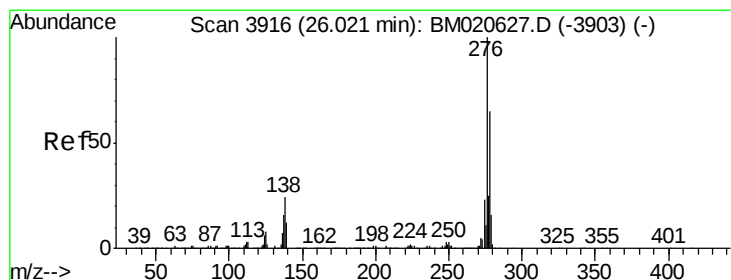
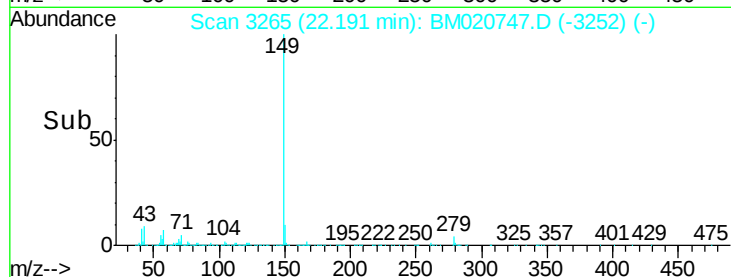
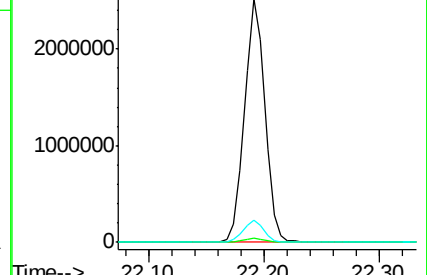
6/6/2019 11:22:02 AM



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: 59.014 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.03 min

Lab File: BM020747.D

Acq: 05 Jun 2019 21:36

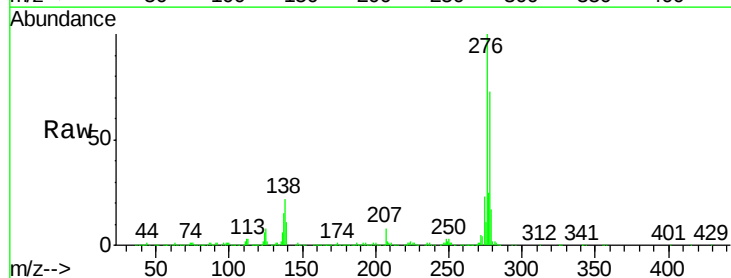
Tgt Ion:276 Resp: 4599981

Ion Ratio Lower Upper

276 100

138 22.7 19.8 29.8

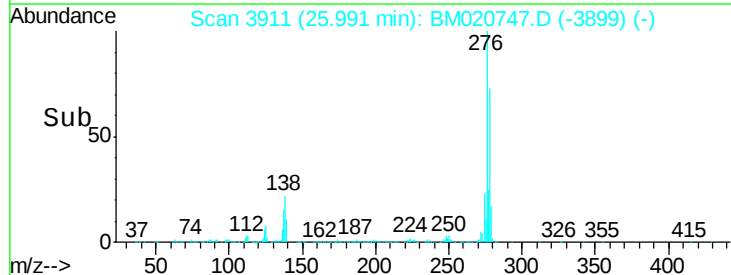
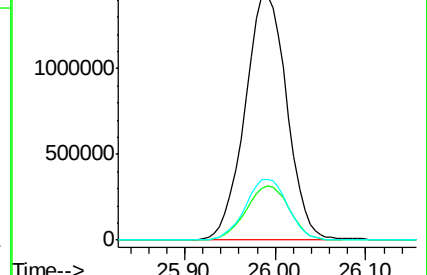
277 25.3 20.2 30.4

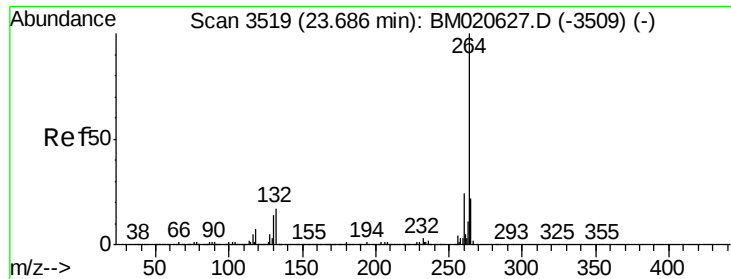


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





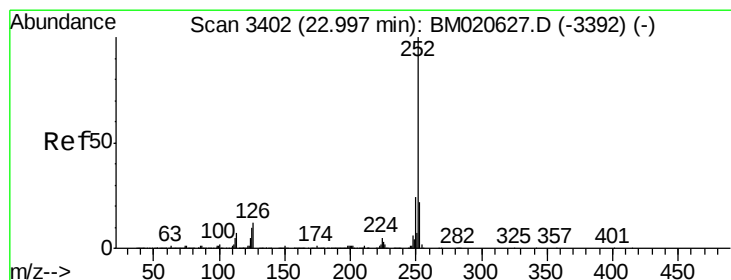
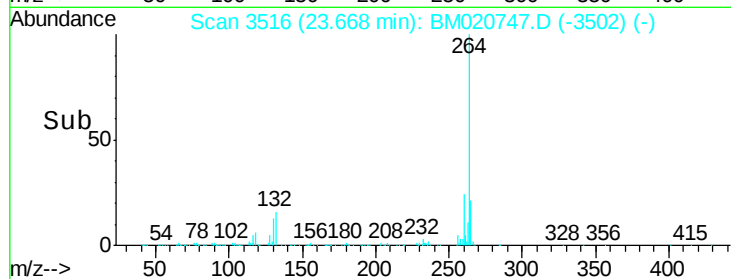
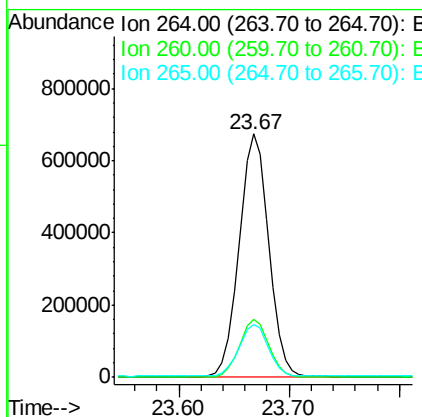
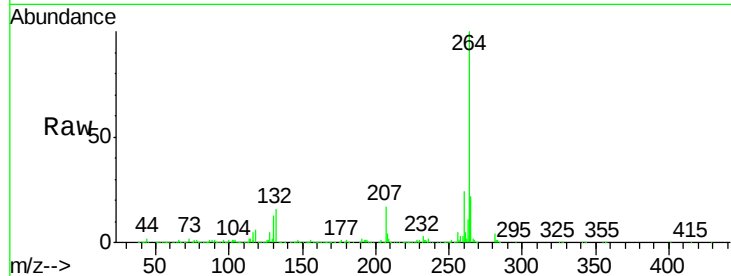
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.6	26.4

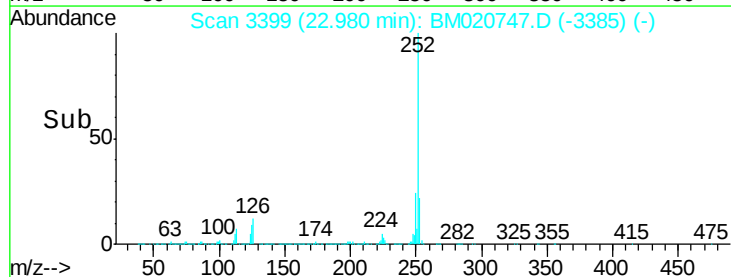
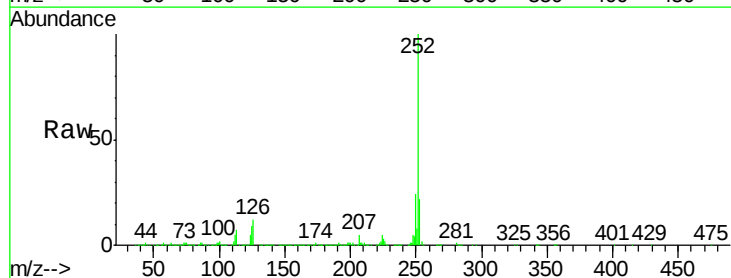
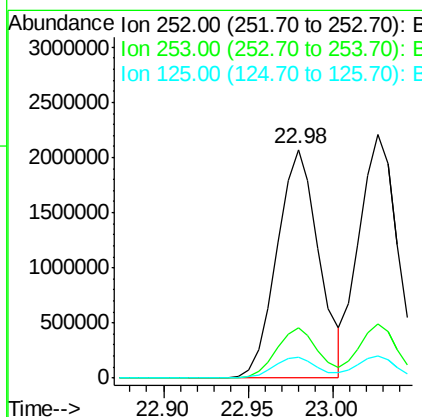
Manual Integrations
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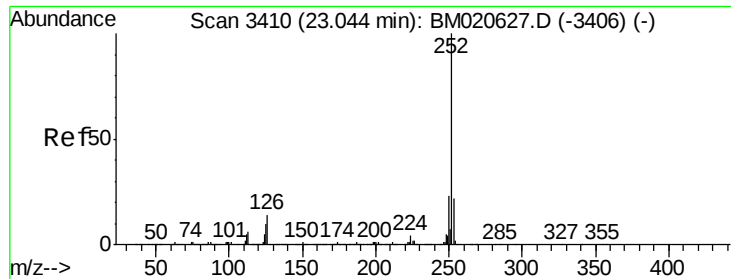
mohammad
6/6/2019 11:22:02 AM



#88
Benzo(b)fluoranthene
Concen: 42.374 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	8.9	7.8	11.8





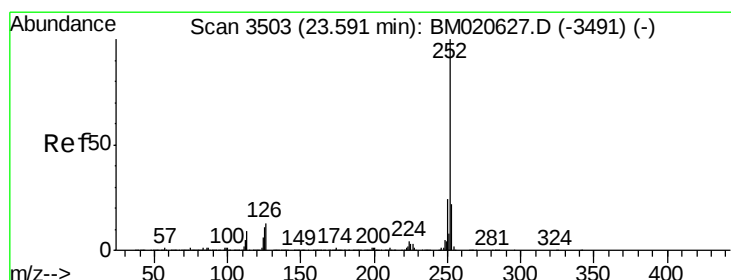
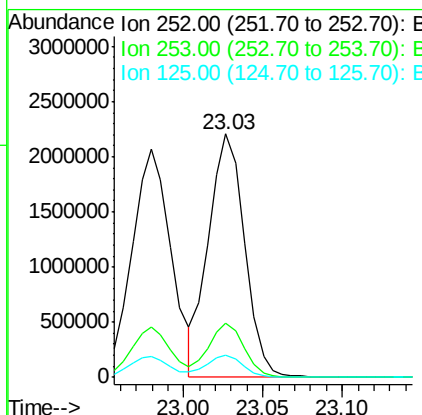
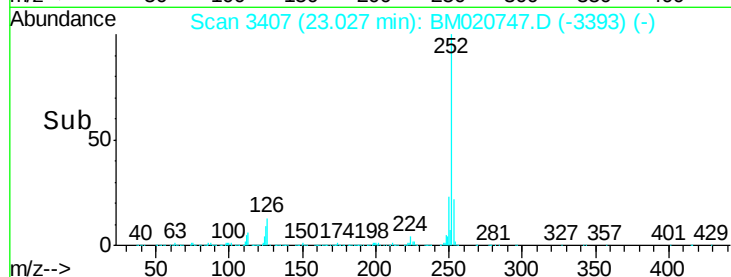
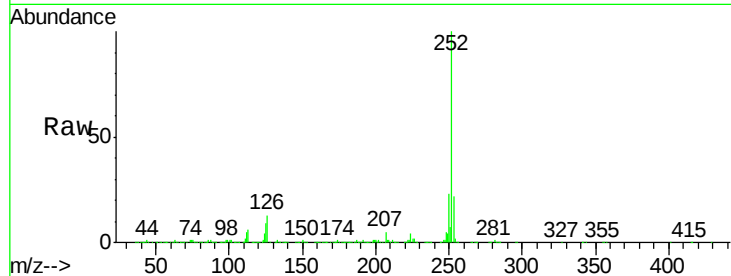
#89
Benzo(k)fluoranthene
Concen: 42.241 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.2	7.8	11.8

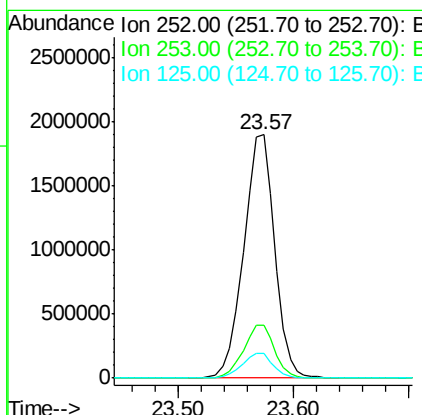
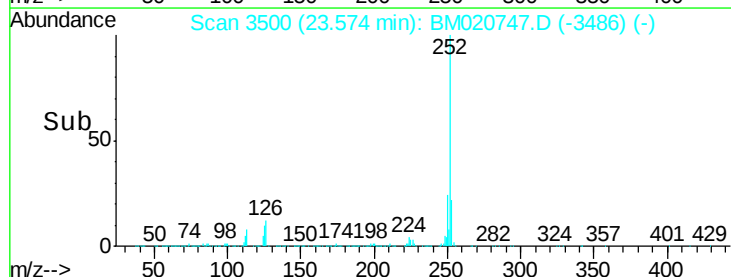
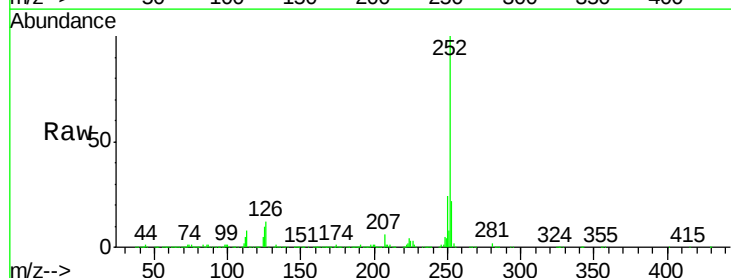
Manual Integrations
APPROVED

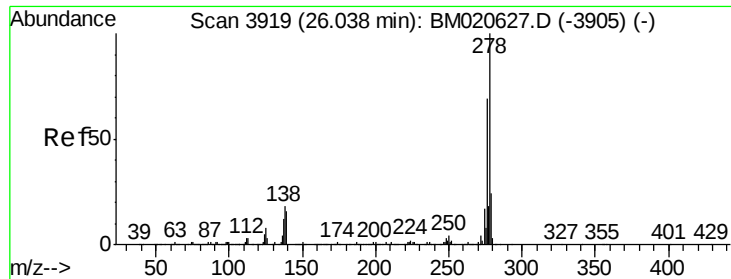
mohammad
6/6/2019 11:22:02 AM



#90
Benzo(a)pyrene
Concen: 46.152 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.1	8.6	13.0





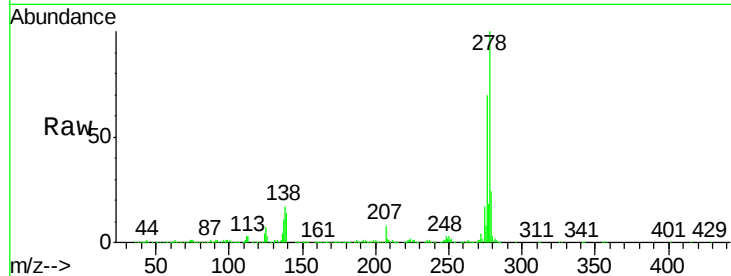
#91
Dibenzo(a,h)anthracene
Concen: 51.770 ng
RT: 26.01 min Scan# 3914
Delta R.T. -0.03 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

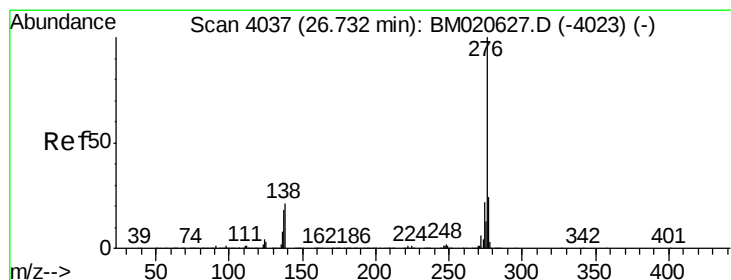
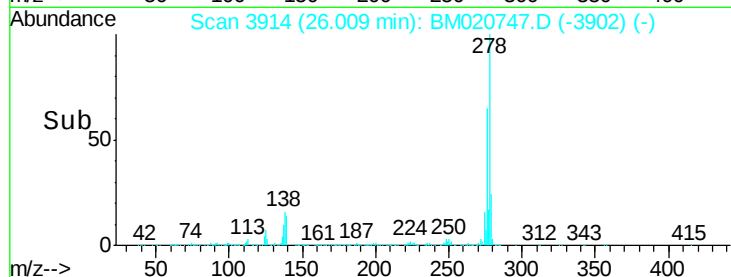
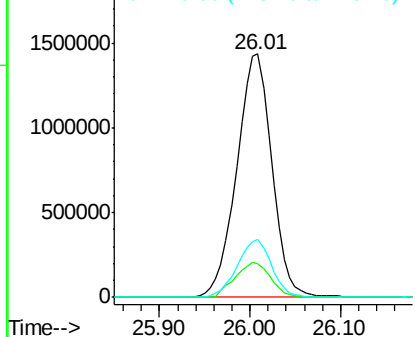
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	12.6	18.8
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
6/6/2019 11:22:02 AM

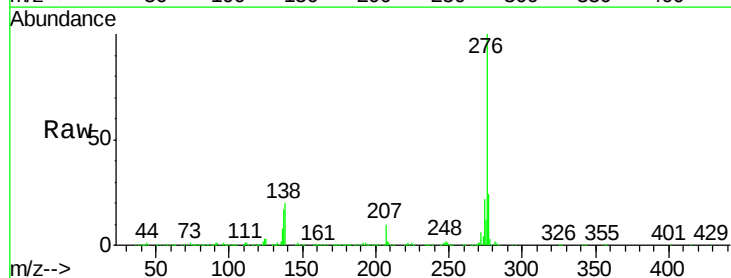


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.389 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020747.D
Acq: 05 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	19.7	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

