

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021466.D
 Acq On : 16 Jul 2019 13:42
 Operator : HP/JU
 Sample : K3760-25
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8W5

Quant Time: Jul 16 14:30:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	202023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	846552	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	520530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	1204984	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	1009786	20.00	ng/ul	0.00
85) Perylene-d12	23.58	264	1022731	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	22192	5.41	ng/uL	0.00
5) Phenol-d5	6.90	99	496122	31.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	286595	30.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	411538	30.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	417308	33.35	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	210246	30.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	239535	30.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	487210	30.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	268892	18.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1518160	33.30	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1720079	30.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	228834	31.68	ng/ul	0.00
57) Fluorene-d10	15.37	176	1294296	31.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	199727	24.66	ng/ul	0.00
70) Anthracene-d10	17.22	188	2027857	32.40	ng/ul	0.00
78) Pyrene-d10	19.52	212	2073320	37.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	1958171	33.29	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.89	77	27307	3.220	ng/ul 93
10) 2-Chlorophenol	7.30	128	460754	35.459	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	760533	53.652	ng/ul 99
14) Acetophenone	8.56	105	718448	38.123	ng/ul 99
17) Hexachloroethane	8.79	117	97306	17.126	ng/ul 99
20) Nitrobenzene	8.94	77	830028	53.142	ng/ul 97
23) 2-Nitrophenol	9.64	139	339456	43.230	ng/ul 98
27) 2,4-Dichlorophenol	10.16	162	313606	21.800	ng/ul 100
28) Naphthalene	10.56	128	617656	14.020	ng/ul 99
33) 4-Chloro-3-methylphenol	11.81	107	624487	46.638	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	355732	17.572	ng/ul 99
38) 2,4,6-Trichlorophenol	12.80	196	356755	29.612	ng/ul 97
40) 1,1'-Biphenyl	13.20	154	1562510	35.865	ng/ul 100
42) 2-Nitroaniline	13.47	65	467889	61.329	ng/ul 99
45) 2,6-Dinitrotoluene	13.97	165	335564	43.409	ng/ul 92
47) Acenaphthylene	14.10	152	2509430	50.391	ng/ul 100
49) Acenaphthene	14.43	153	145530	4.022	ng/ul 99
52) 4-Nitrophenol	14.62	109	317022	58.912	ng/ul 97
53) Dibenzofuran	14.77	168	972665	18.555	ng/ul 100
54) 2,4-Dinitrotoluene	14.76	165	580714	48.979	ng/ul 97
56) Diethylphthalate	15.20	149	1862997	45.710	ng/ul 100
58) Fluorene	15.43	166	318736	7.516	ng/ul 100
64) N-Nitrosodiphenylamine	15.64	169	1728714	48.226	ng/ul 99

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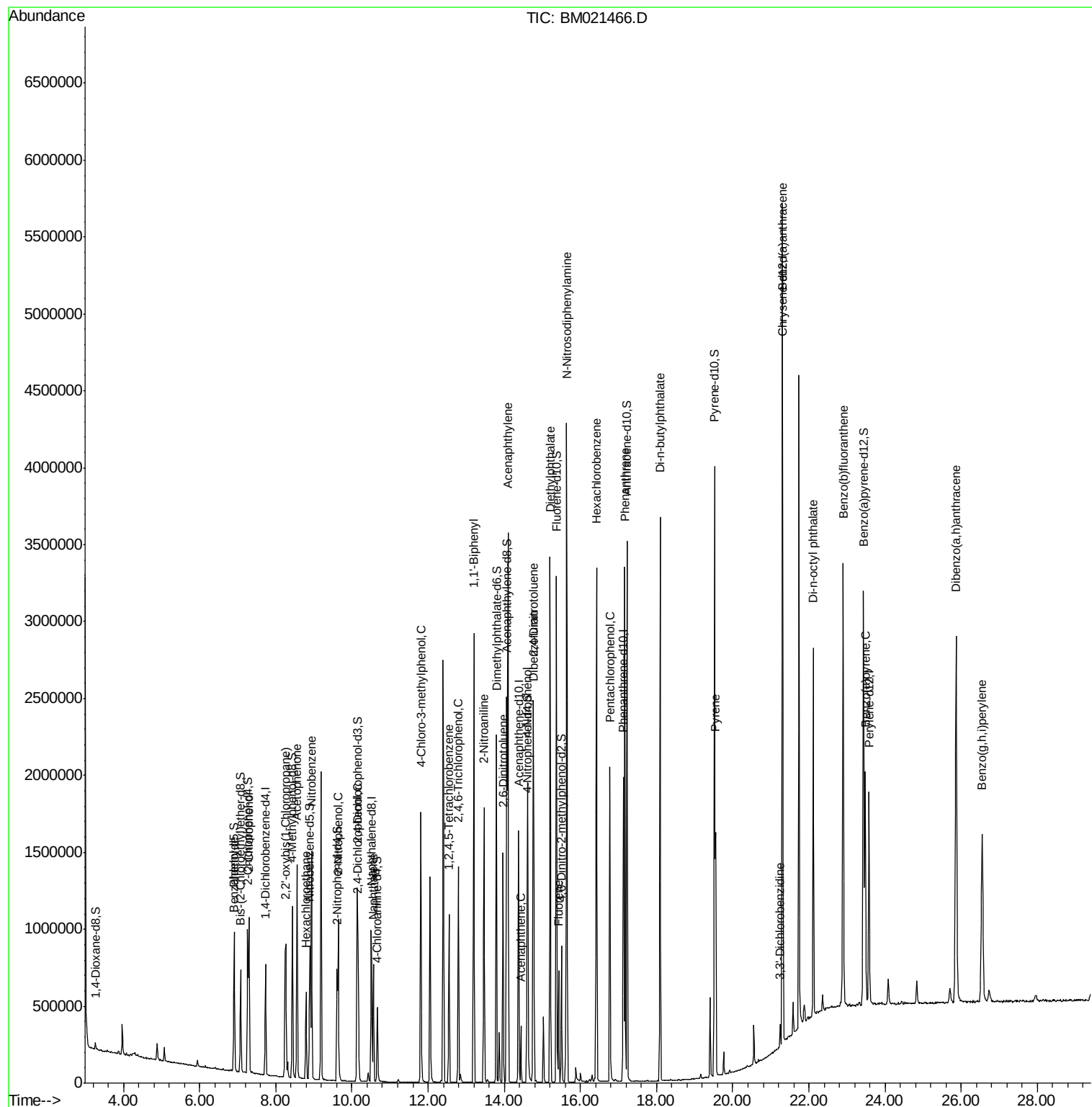
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) Hexachlorobenzene	16.42	284	676639	38.174	ng/ul	98
68) Pentachlorophenol	16.77	266	389208	41.656	ng/ul	99
69) Phenanthrene	17.17	178	2007293	29.543	ng/ul	100
75) Di-n-butylphthalate	18.09	149	2477209	37.671	ng/ul	100
79) Pyrene	19.55	202	1135606	16.993	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.24	252	42296	1.884	ng/ul#	99
82) Benzo(a)anthracene	21.30	228	2588358	37.430	ng/ul	100
86) Di-n-octyl phthalate	22.11	149	1545780	27.979	ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	2025519	31.781	ng/ul	99
90) Benzo(a)pyrene	23.48	252	1134691	18.432	ng/ul	99
92) Dibenzo(a,h)anthracene	25.87	278	2791229	43.664	ng/ul	98
93) Benzo(a,h,i)perylene	26.55	276	1427987	22.762	ng/ul	99

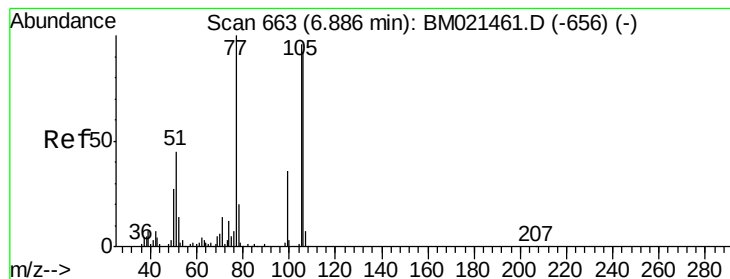
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 3.220 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

Instrument :

BNA_M

ClientSampleId :

DB8W5

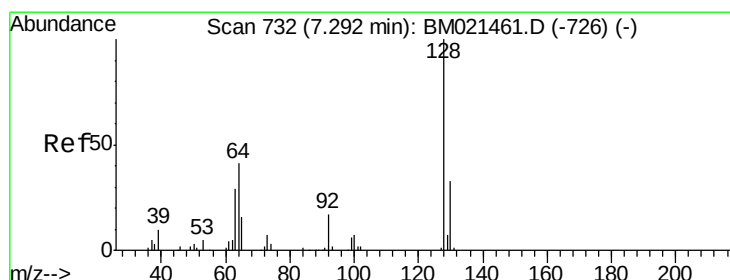
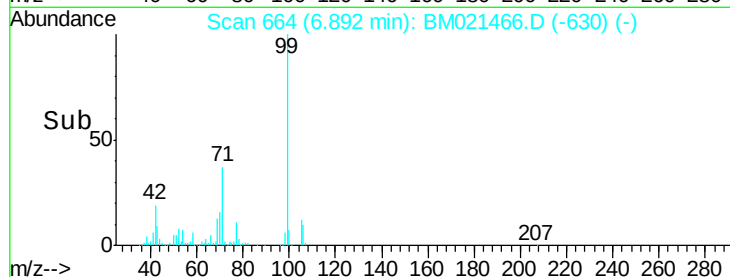
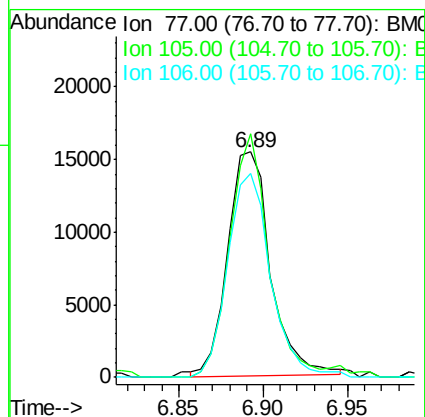
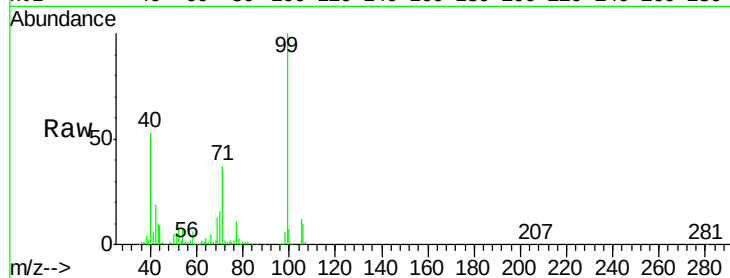
Tot Ion: 77 Resp: 27307

Ion Ratio Lower Upper

77 100

105 108.0 76.8 115.2

106 90.6 71.4 107.2



#10

2-Chlorophenol

Concen: 35.459 ng/ul

RT: 7.30 min Scan# 733

Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

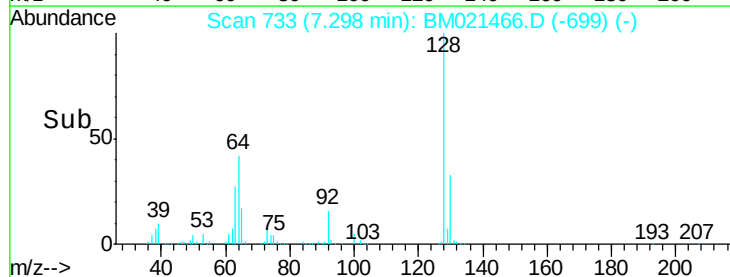
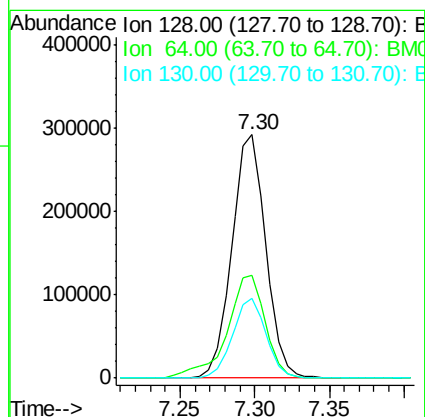
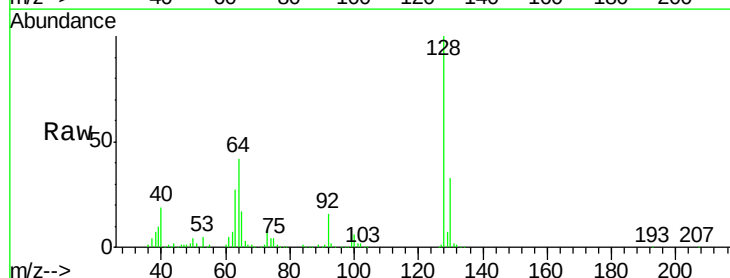
Tgt Ion: 128 Resp: 460754

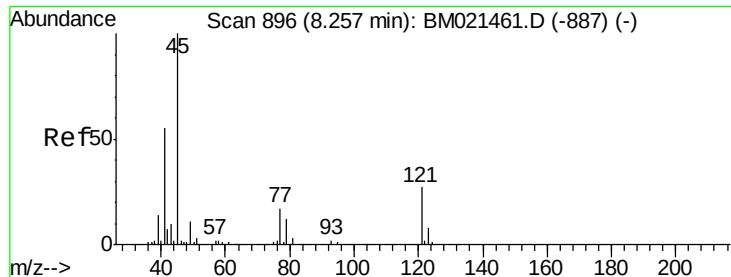
Ion Ratio Lower Upper

128 100

64 42.3 34.4 51.6

130 32.9 26.9 40.3

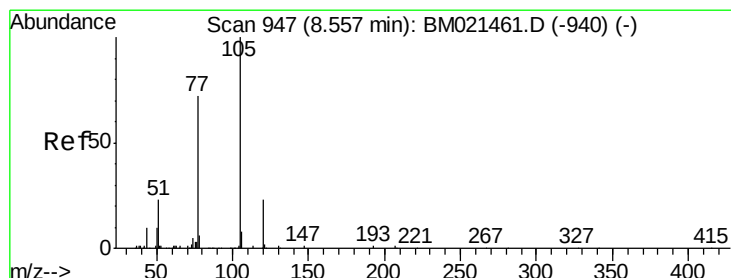
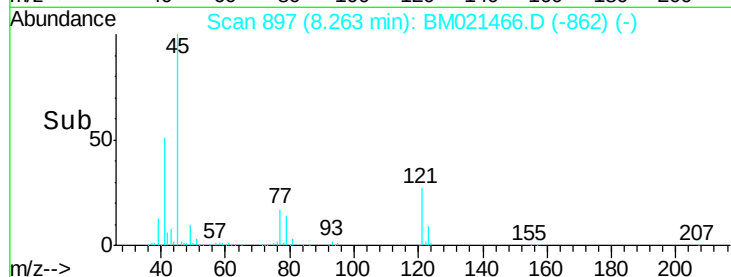
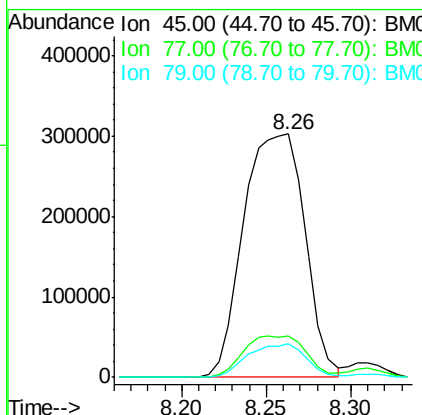
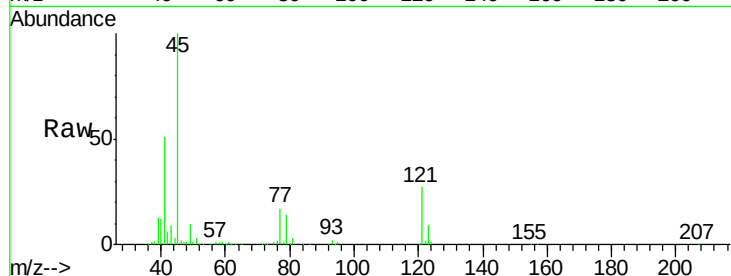




#12
2,2'-oxybis(1-Chloropropane)
Concen: 53.652 ng/ul
RT: 8.26 min Scan# 897
Delta R.T. 0.01 min
Lab File: BM021466.D
Acq: 16 Jul 2019 13:42

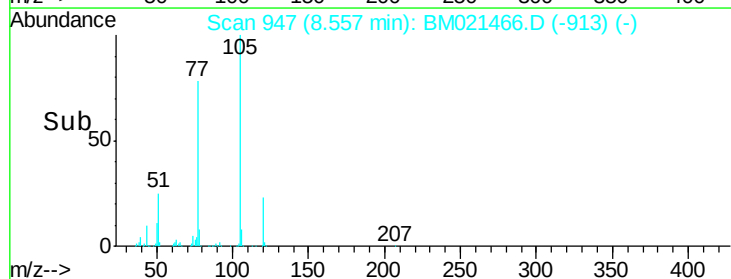
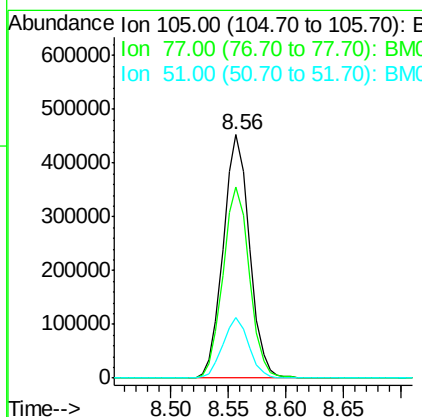
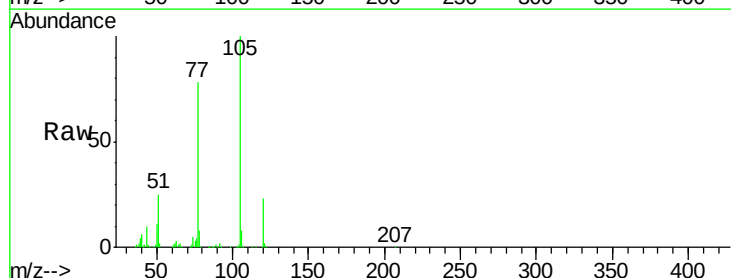
Instrument :
BNA_M
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DB8W5

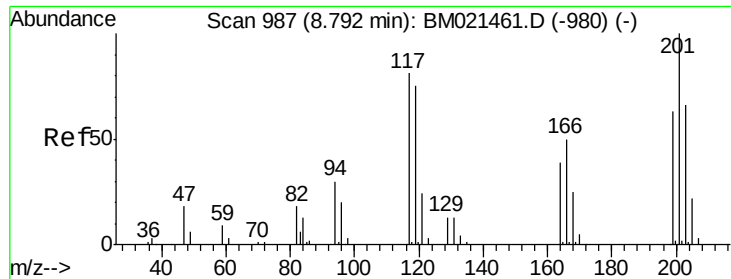
Tot Ion: 45 Resp: 760533
Ion Ratio Lower Upper
45 100
77 17.2 14.2 21.2
79 13.7 10.7 16.1



#14
Acetophenone
Concen: 38.123 ng/ul
RT: 8.56 min Scan# 947
Delta R.T. -0.00 min
Lab File: BM021466.D
Acq: 16 Jul 2019 13:42

Tgt Ion: 105 Resp: 718448
Ion Ratio Lower Upper
105 100
77 78.3 62.1 93.1
51 24.8 20.2 30.4

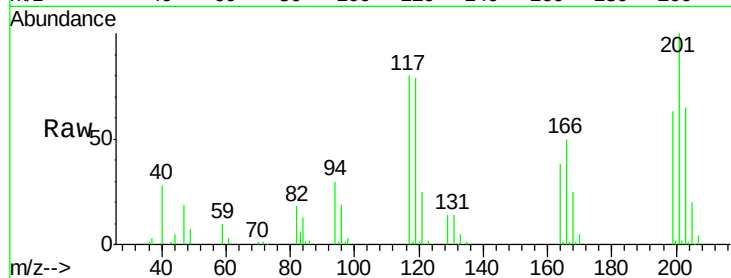




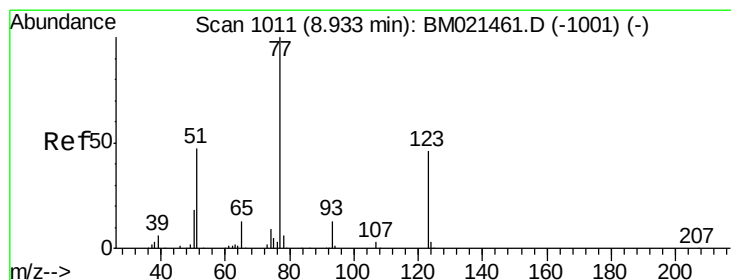
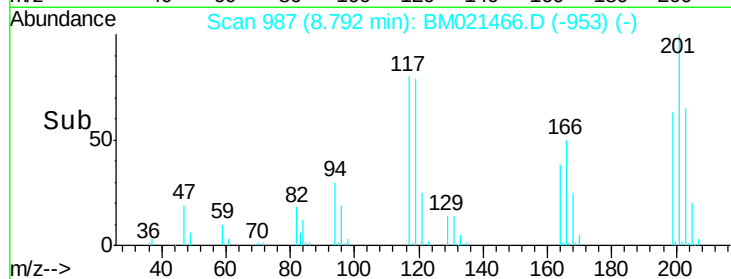
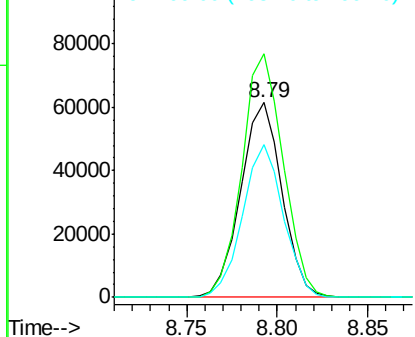
#17
Hexachloroethane
Concen: 17.126 ng/ul
RT: 8.79 min Scan# 987
Delta R.T. -0.00 min
Lab File: BM021466.D
Acq: 16 Jul 2019 13:42

Instrument :
BNA_M
ClientSampleId :
DB8W5

Tot Ion:117 Resp: 97306
Ion Ratio Lower Upper
117 100
201 125.1 99.7 149.5
199 78.7 62.2 93.4

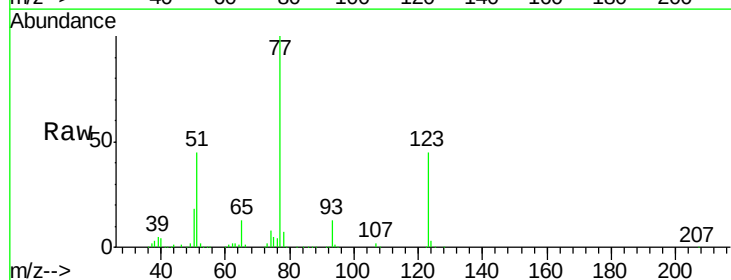


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

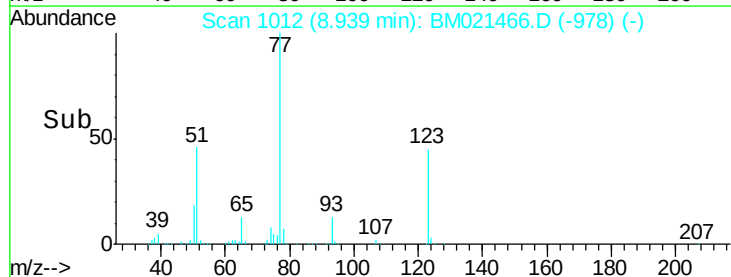
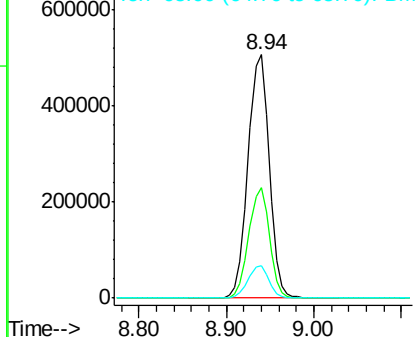


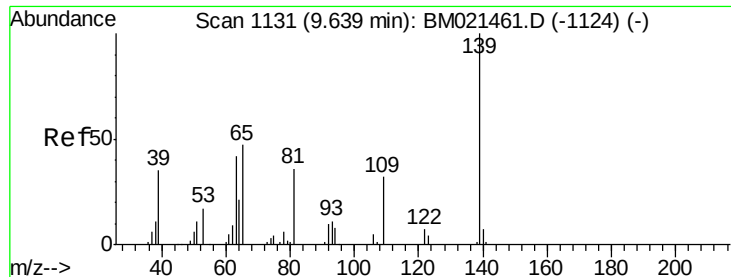
#20
Nitrobenzene
Concen: 53.142 ng/ul
RT: 8.94 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BM021466.D
Acq: 16 Jul 2019 13:42

Tgt Ion: 77 Resp: 830028
Ion Ratio Lower Upper
77 100
123 45.2 34.3 51.5
65 13.1 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#23

2-Nitrophenol

Concen: 43.230 ng/ul

RT: 9.64 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

Instrument :

BNA_M

ClientSampled :

DB8W5

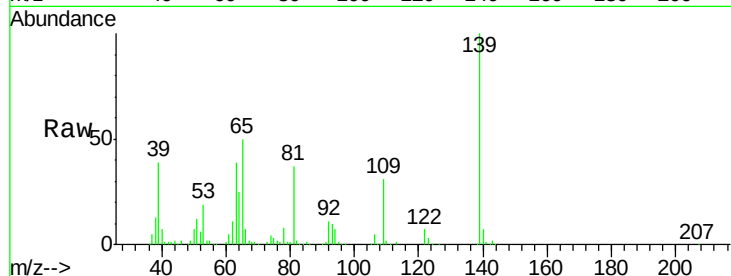
Tot Ion:139 Resp: 339456

Ion Ratio Lower Upper

139 100

65 49.7 40.2 60.4

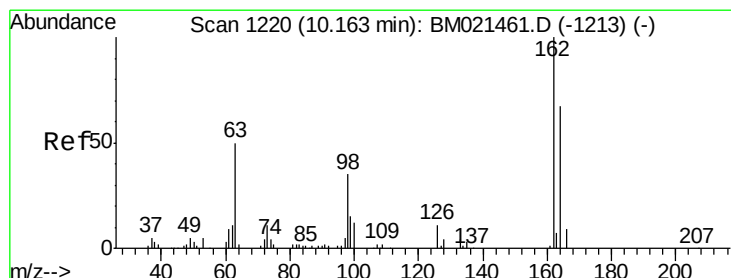
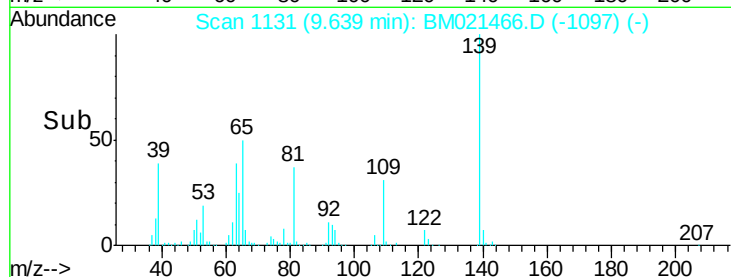
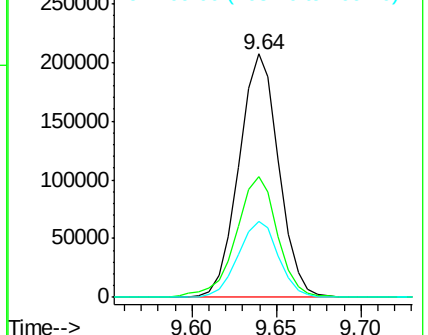
109 31.2 23.2 34.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#27

2,4-Dichlorophenol

Concen: 21.800 ng/ul

RT: 10.16 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

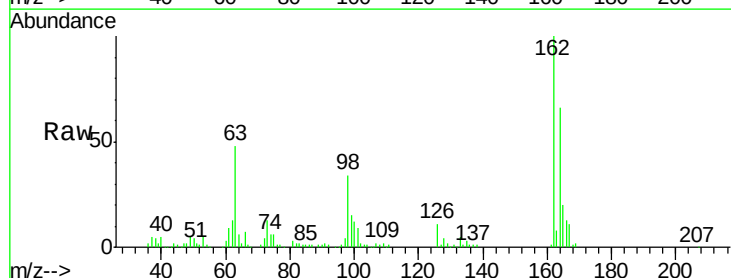
Tgt Ion:162 Resp: 313606

Ion Ratio Lower Upper

162 100

164 65.8 52.6 78.8

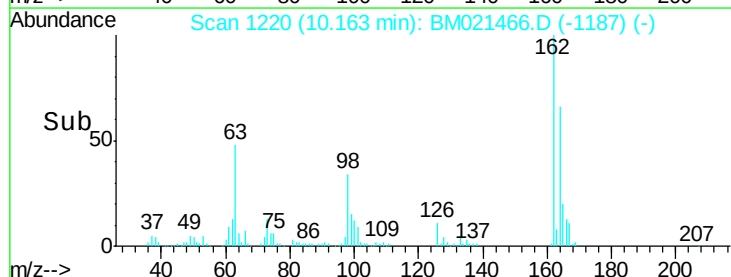
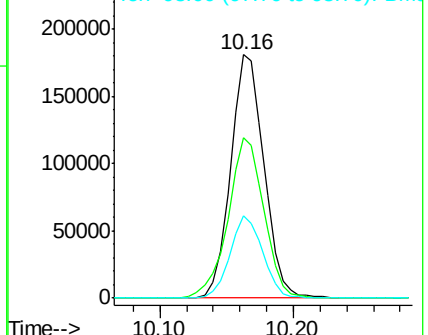
98 33.6 26.5 39.7

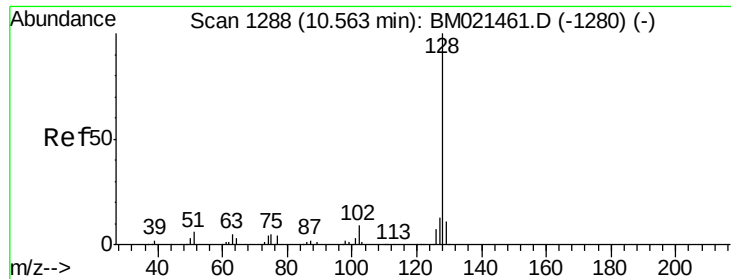


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM0





#28

Naphthalene

Concen: 14.020 ng/ul

RT: 10.56 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

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DB8W5

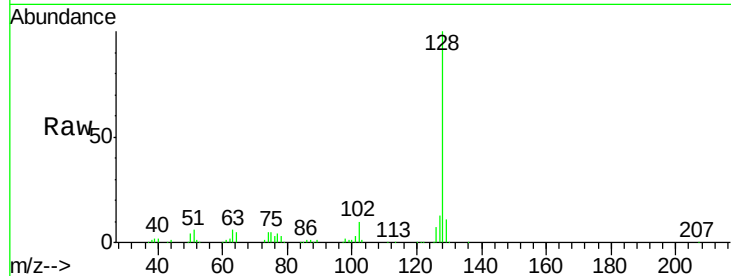
Tot Ion:128 Resp: 617656

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

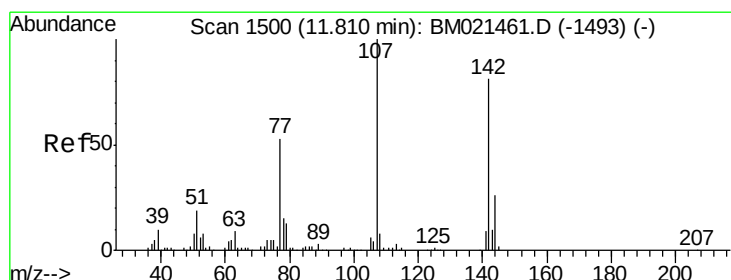
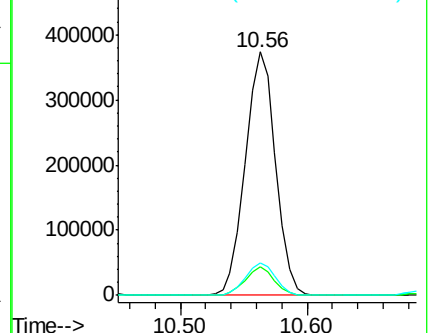
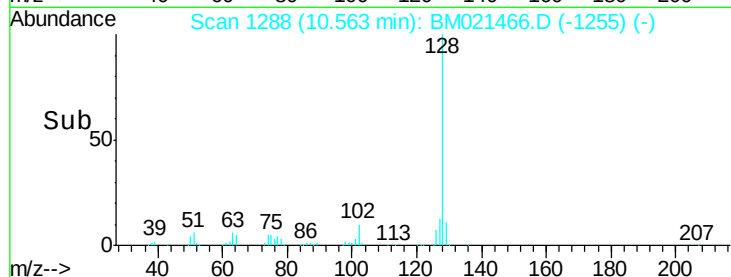
127 13.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloro-3-methylphenol

Concen: 46.638 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

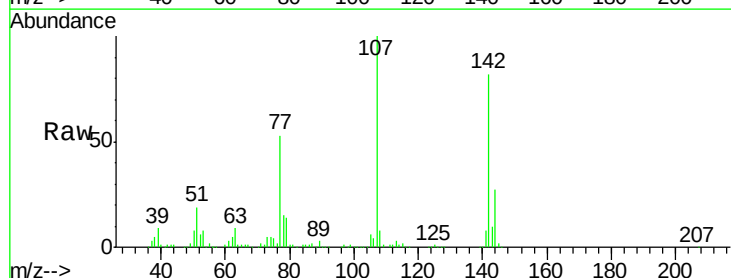
Tgt Ion:107 Resp: 624487

Ion Ratio Lower Upper

107 100

144 27.1 21.4 32.2

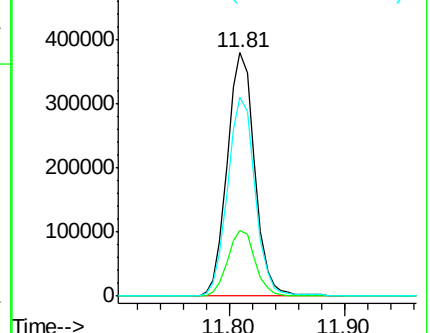
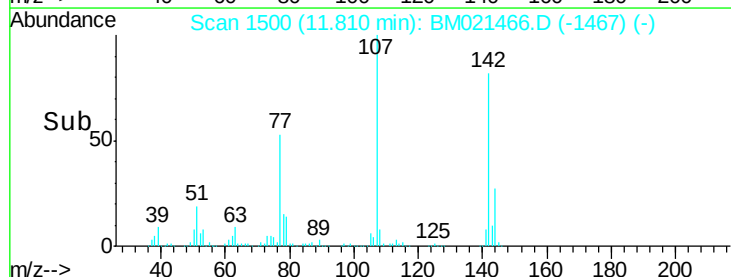
142 81.5 64.7 97.1

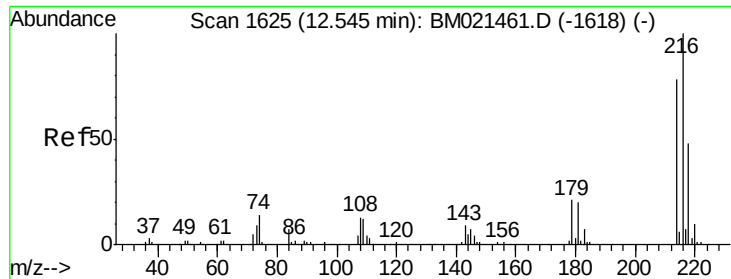


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

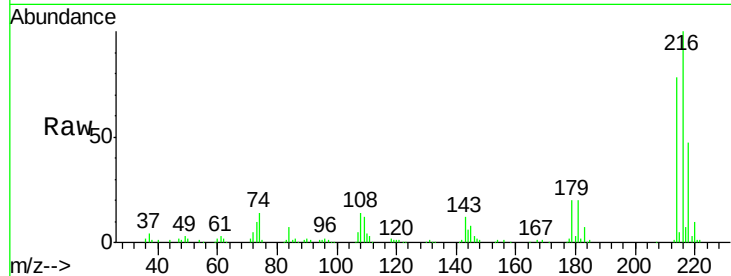




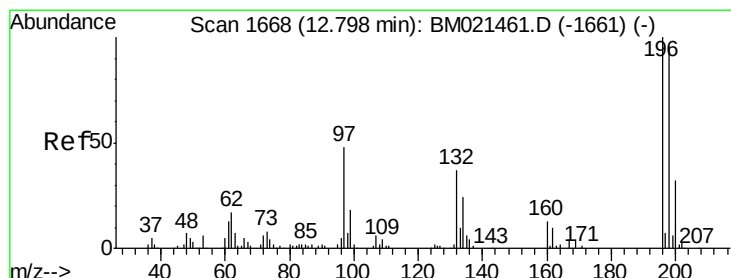
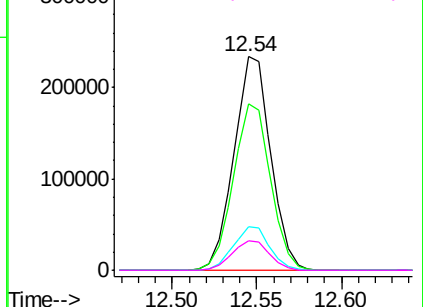
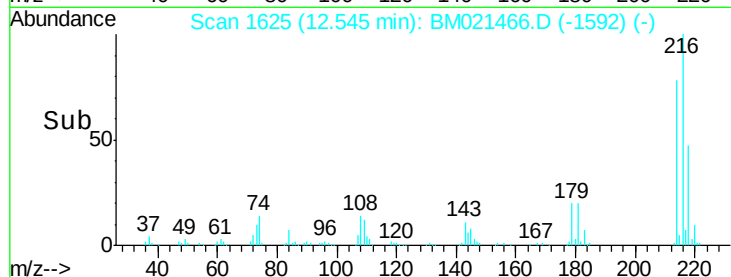
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 17.572 ng/ul
 RT: 12.54 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM021466.D
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Tot Ion:	216	Resp:	355732
Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.9	94.3
179	20.5	16.2	24.2
108	14.1	11.2	16.8

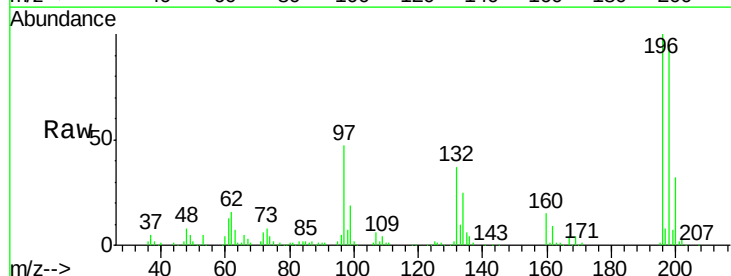


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

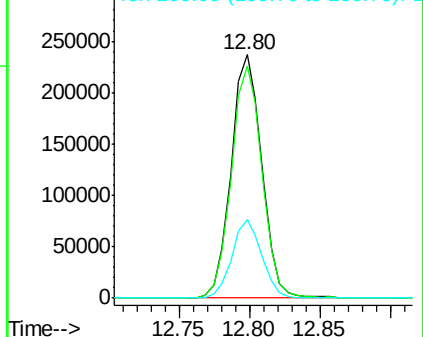
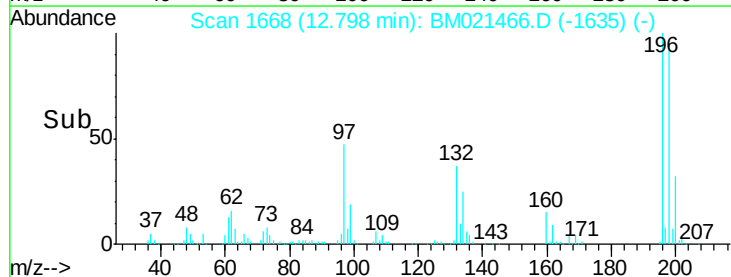


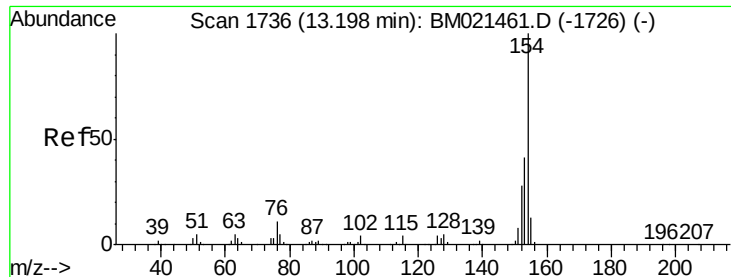
#38
 2,4,6-Trichlorophenol
 Concen: 29.612 ng/ul
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM021466.D
 Acq: 16 Jul 2019 13:42

Tgt Ion:	196	Resp:	356755
Ion	Ratio	Lower	Upper
196	100		
198	95.4	73.7	110.5
200	32.3	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

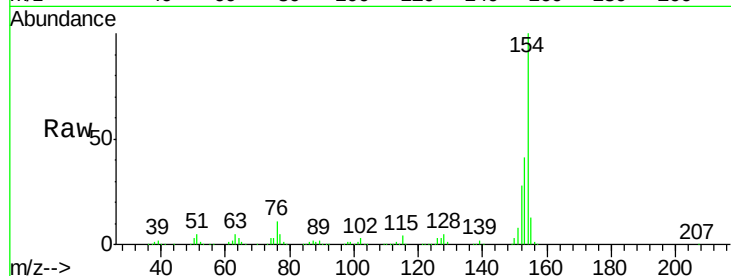




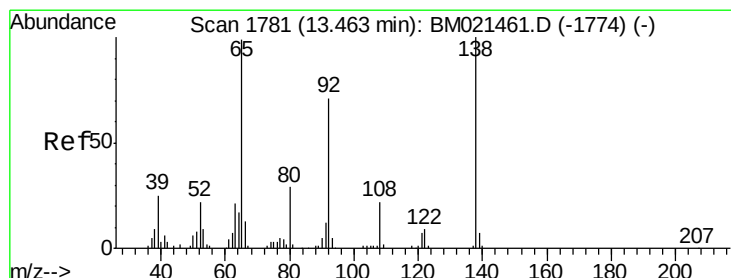
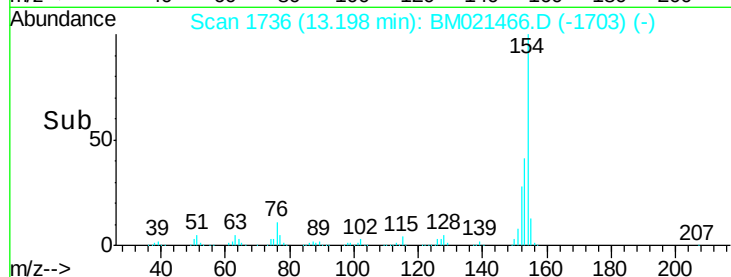
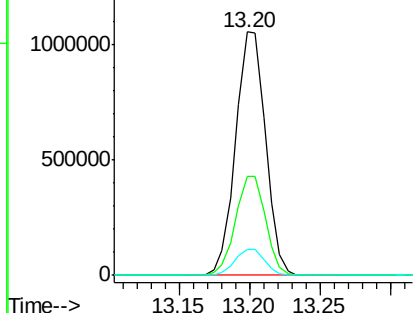
#40
 1,1'-Biphenyl
 Concen: 35.865 ng/ul
 RT: 13.20 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BM021466.D
 Acq: 16 Jul 2019 13:42

Instrument :
 BNA_M
 ClientSampled :
 DB8W5

Tot Ion:154 Resp: 1562510
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.7 49.1
 76 10.9 8.5 12.7

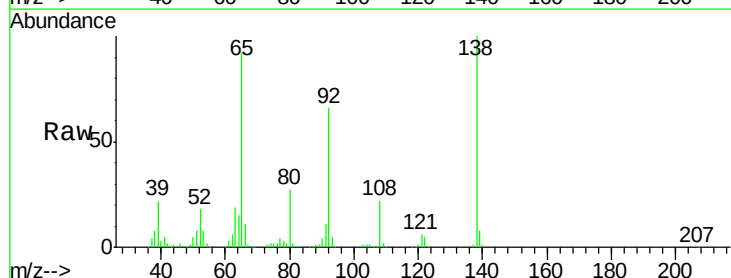


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

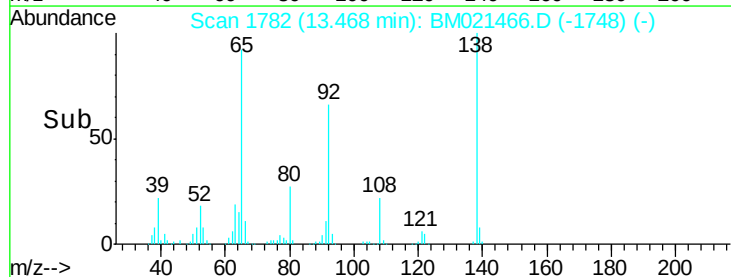
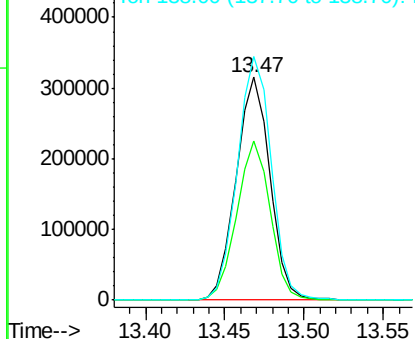


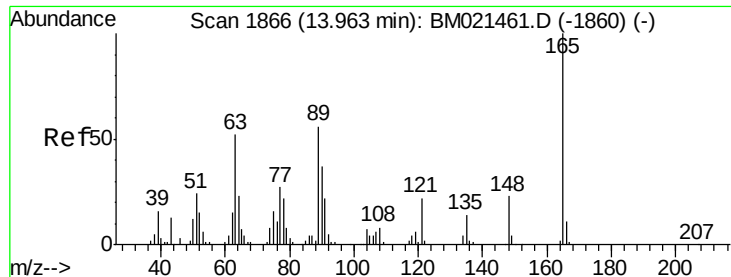
#42
 2-Nitroaniline
 Concen: 61.329 ng/ul
 RT: 13.47 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BM021466.D
 Acq: 16 Jul 2019 13:42

Tgt Ion: 65 Resp: 467889
 Ion Ratio Lower Upper
 65 100
 92 71.6 57.4 86.2
 138 109.3 89.0 133.6



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

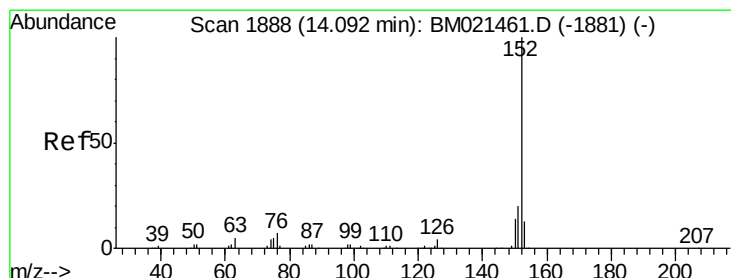
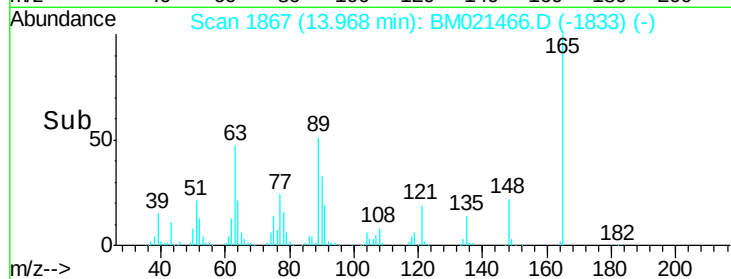
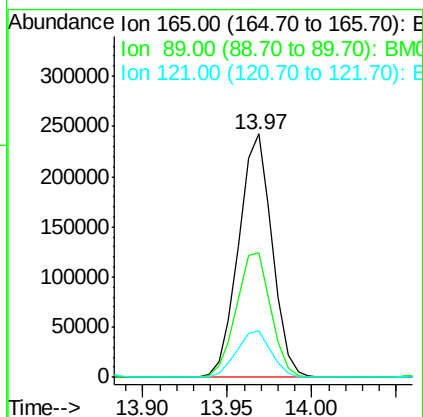
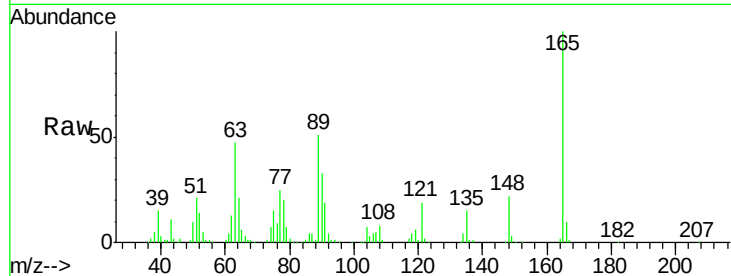




#45
2,6-Dinitrotoluene
Concen: 43.409 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BM021466.D
Acq: 16 Jul 2019 13:42

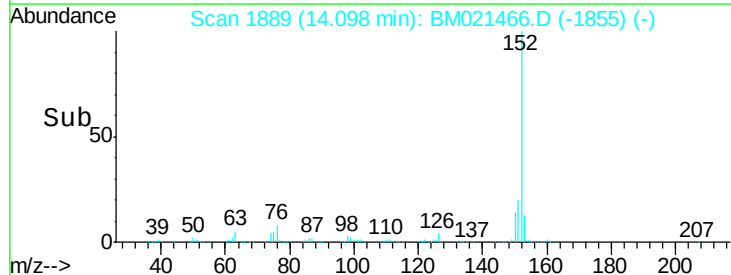
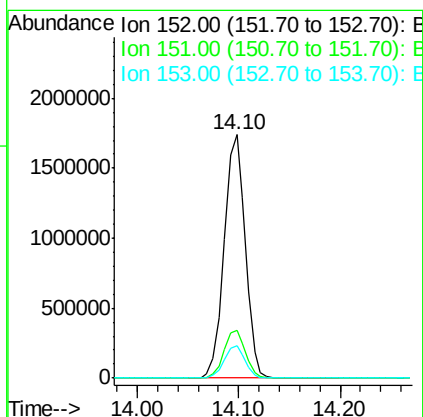
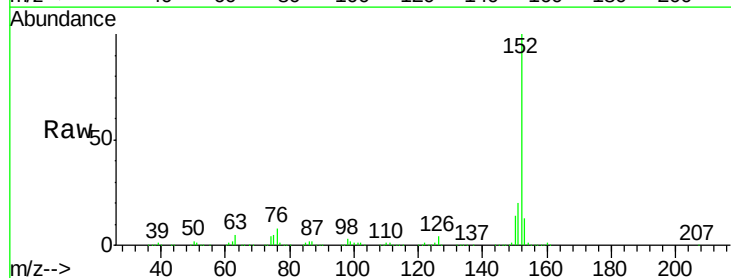
Instrument :
BNA_M
ClientSampleId :
DB8W5

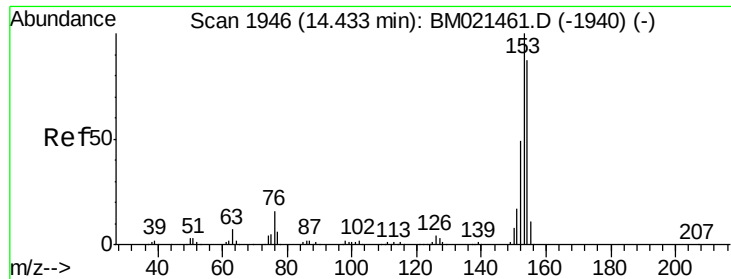
Tot Ion:165 Resp: 335564
Ion Ratio Lower Upper
165 100
89 51.0 45.4 68.2
121 19.3 18.1 27.1



#47
Acenaphthylene
Concen: 50.391 ng/ul
RT: 14.10 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BM021466.D
Acq: 16 Jul 2019 13:42

Tgt Ion:152 Resp: 2509430
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.3 10.6 15.8





#49

Acenaphthene

Concen: 4.022 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

Instrument :

BNA_M

ClientSampleId :

DB8W5

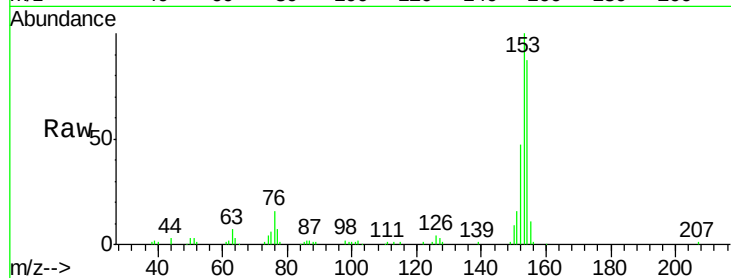
Tot Ion:153 Resp: 145530

Ion Ratio Lower Upper

153 100

152 46.8 38.2 57.4

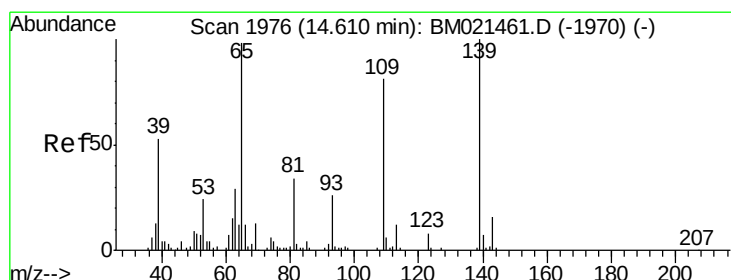
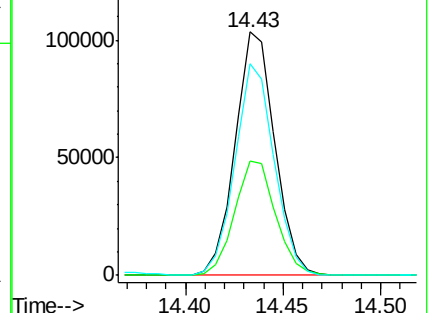
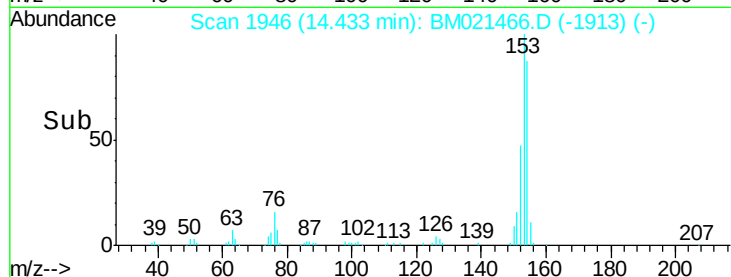
154 86.8 70.0 105.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 58.912 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

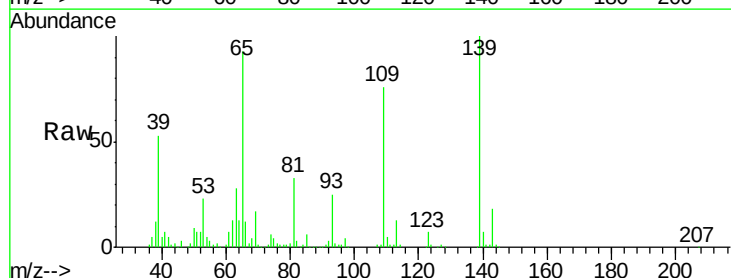
Tgt Ion:109 Resp: 317022

Ion Ratio Lower Upper

109 100

139 131.0 107.6 161.4

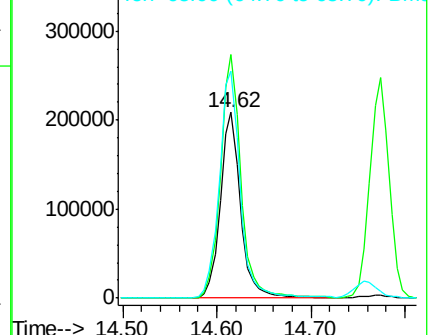
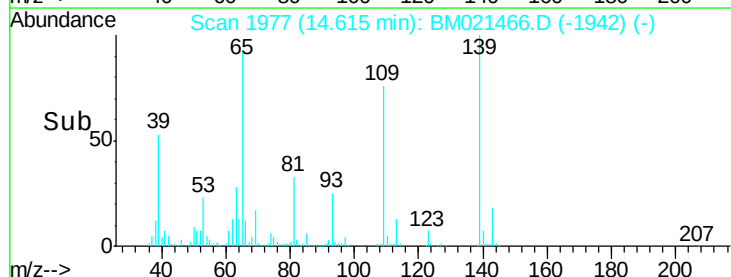
65 121.9 101.0 151.6

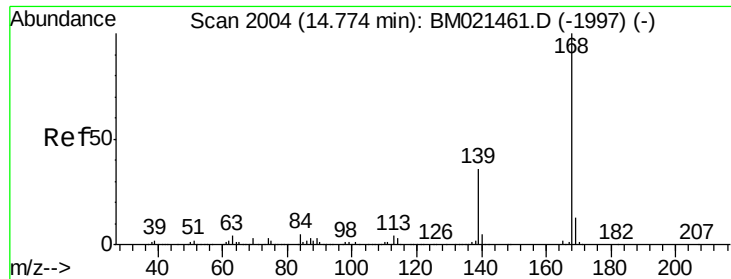


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E





#53

Dibenzo(f,h)quinoxaline

Concen: 18.555 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

Instrument :

BNA_M

ClientSampleId :

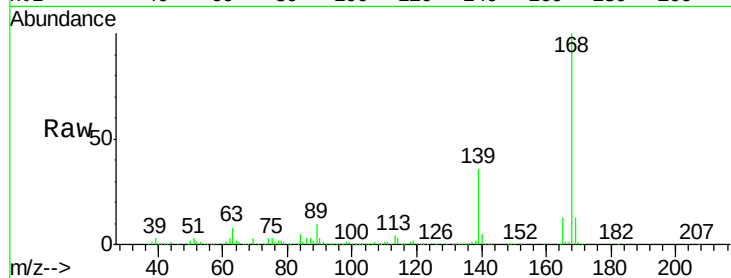
DB8W5

Tot Ion:168 Resp: 972665

Ion Ratio Lower Upper

168 100

139 35.7 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.77

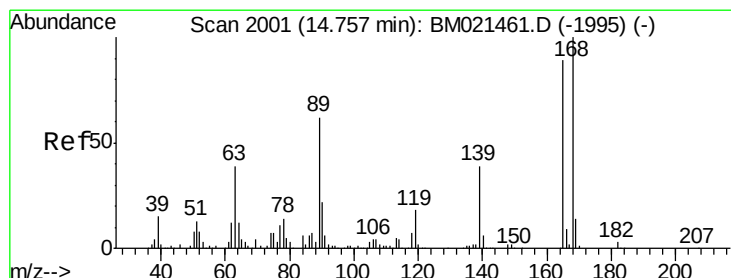
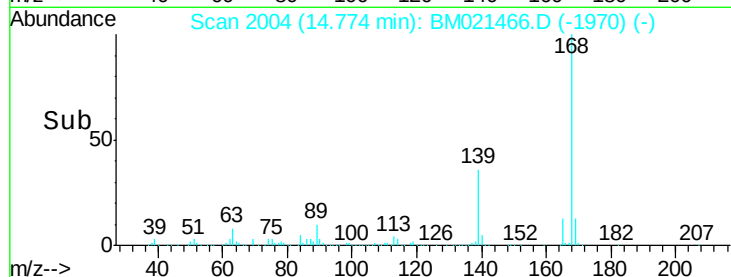
600000

400000

200000

0

Time--> 14.70 14.75 14.80 14.85



#54

2,4-Dinitrotoluene

Concen: 48.979 ng/ul

RT: 14.76 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

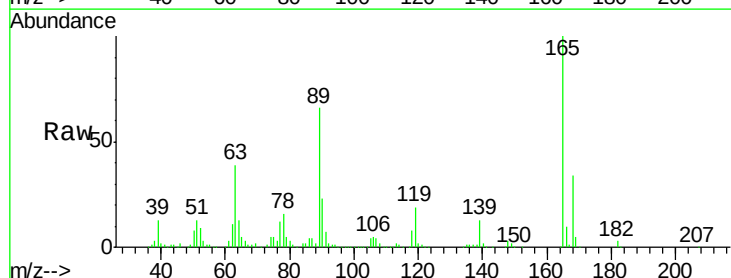
Tgt Ion:165 Resp: 580714

Ion Ratio Lower Upper

165 100

63 39.2 33.1 49.7

182 2.7 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

14.76

500000

400000

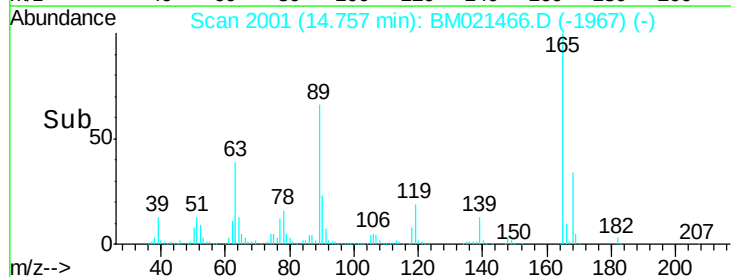
300000

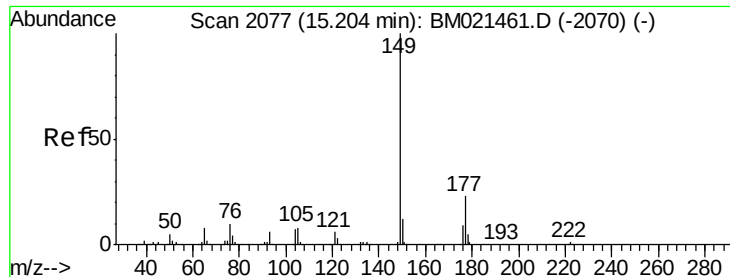
200000

100000

0

Time--> 14.70 14.75 14.80 14.85





#56

Diethylphthalate

Concen: 45.710 ng/ul

RT: 15.20 min Scan# 2077

Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

Instrument :

BNA_M

ClientSampleId :

DB8W5

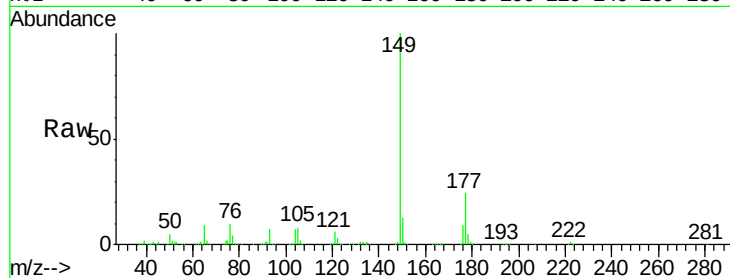
Tot Ion:149 Resp: 1862997

Ion Ratio Lower Upper

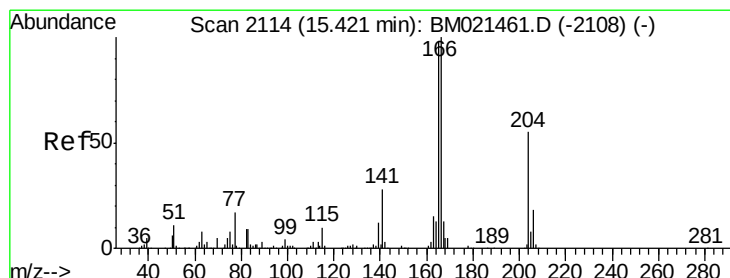
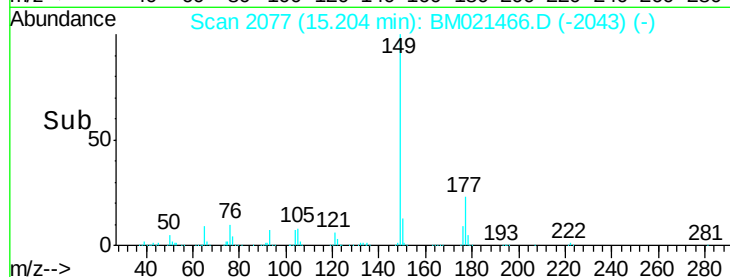
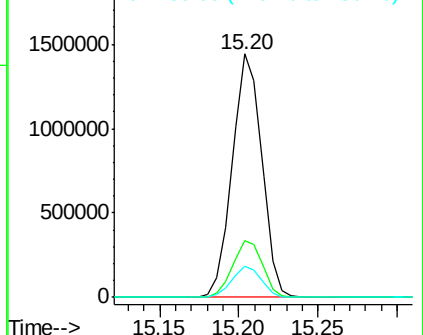
149 100

177 23.5 18.8 28.2

150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 7.516 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

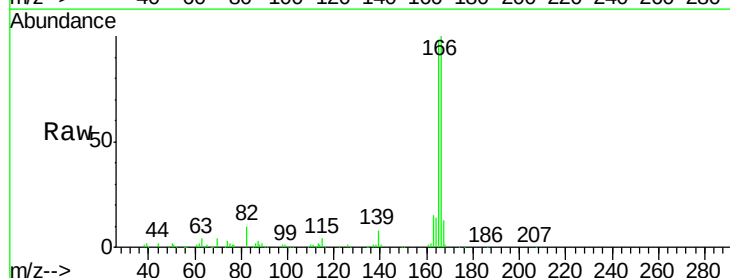
Tgt Ion:166 Resp: 318736

Ion Ratio Lower Upper

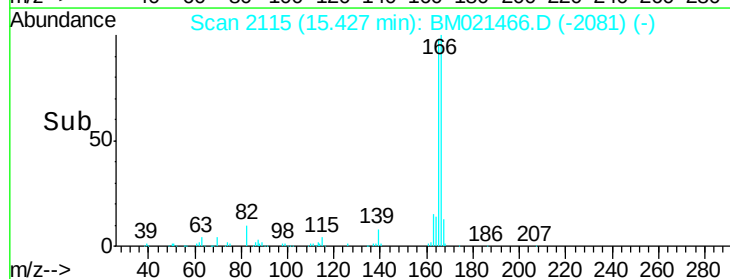
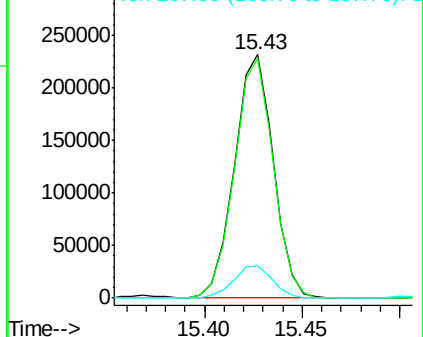
166 100

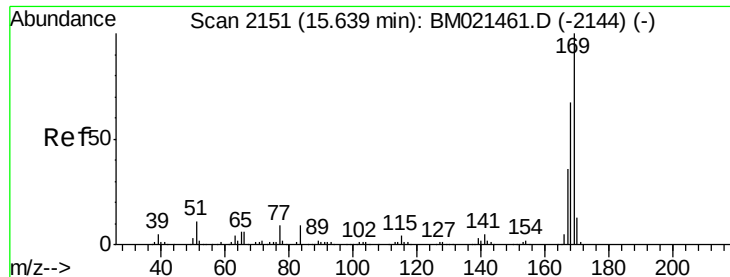
165 98.3 78.6 117.8

167 13.2 10.7 16.1



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



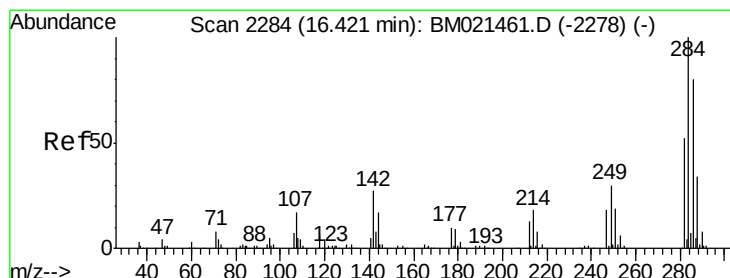
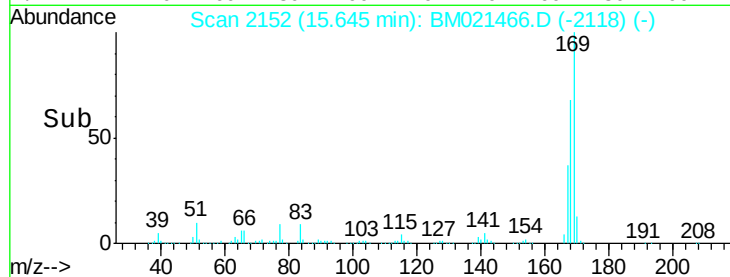
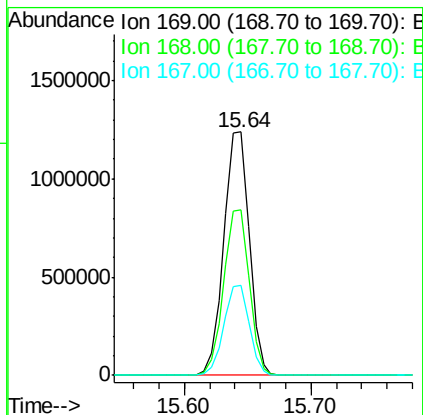
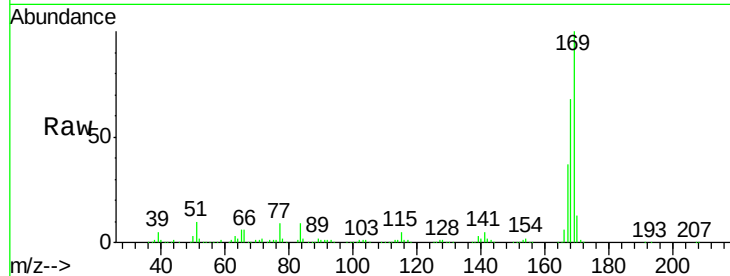


#64

N-Nitrosodiphenylamine
 Concen: 48.226 ng/ul
 RT: 15.64 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BM021466.D
 Acq: 16 Jul 2019 13:42

Instrument :
 BNA_M
 ClientSampleId :
 DB8W5

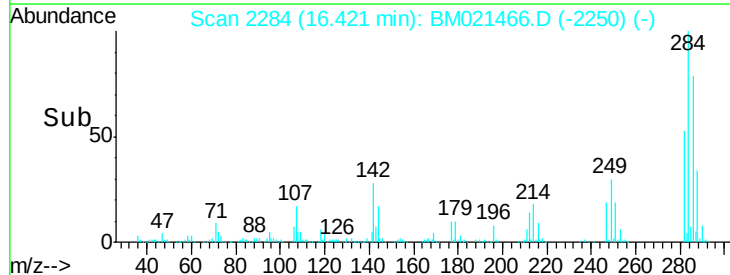
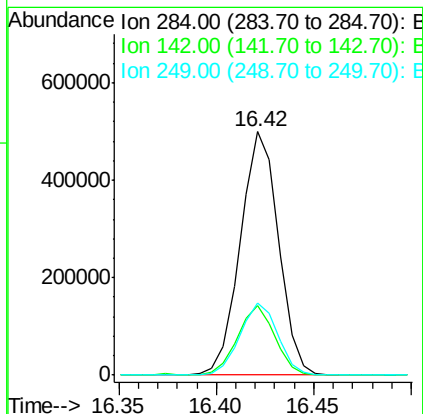
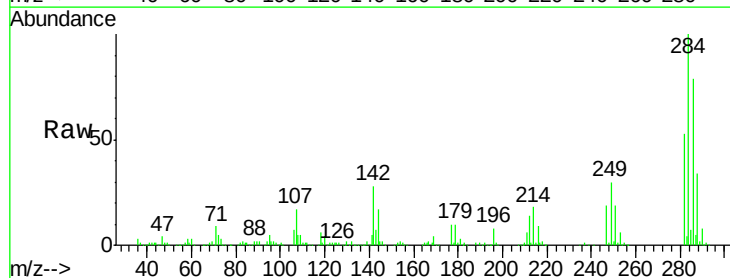
Tot Ion:169 Resp: 1728714
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.8 80.6
 167 37.1 28.9 43.3

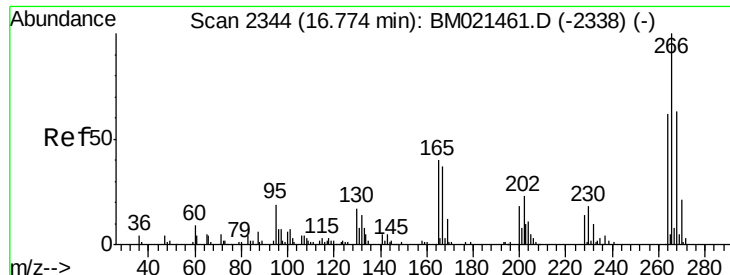


#66

Hexachlorobenzene
 Concen: 38.174 ng/ul
 RT: 16.42 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BM021466.D
 Acq: 16 Jul 2019 13:42

Tgt Ion:284 Resp: 676639
 Ion Ratio Lower Upper
 284 100
 142 28.4 22.0 33.0
 249 29.8 23.3 34.9

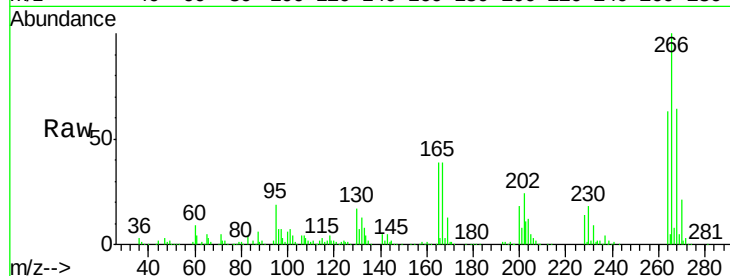




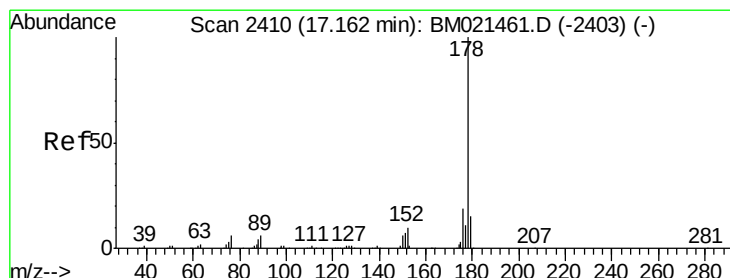
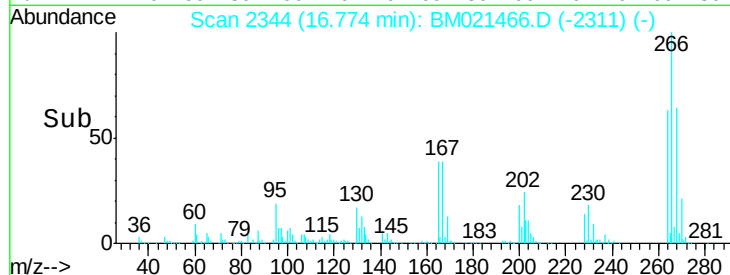
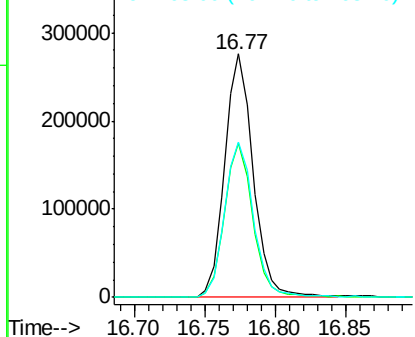
#68
 Pentachlorophenol
 Concen: 41.656 ng/ul
 RT: 16.77 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BM021466.D
 Acq: 16 Jul 2019 13:42

Instrument :
 BNA_M
 ClientSampleId :
 DB8W5

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.2	73.8
268	63.9	50.6	76.0

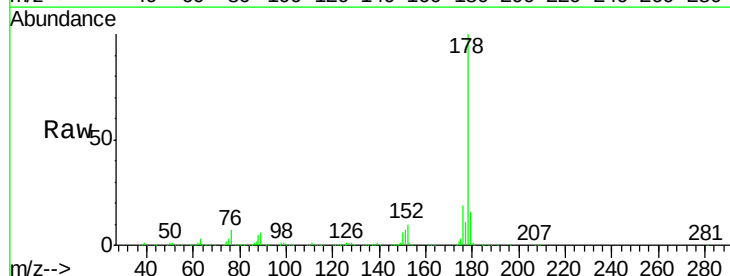


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

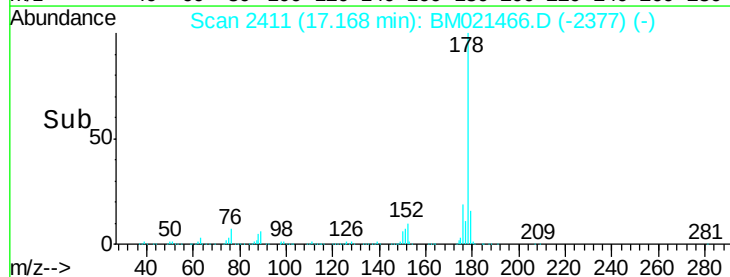
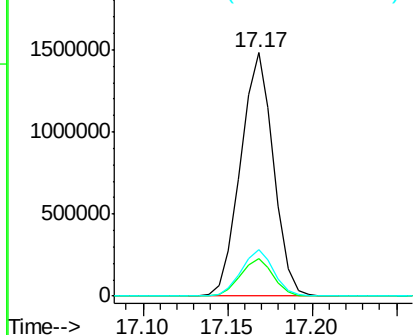


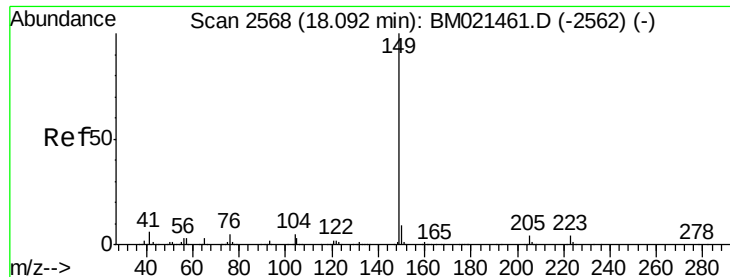
#69
 Phenanthrene
 Concen: 29.543 ng/ul
 RT: 17.17 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BM021466.D
 Acq: 16 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.1	15.4	23.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

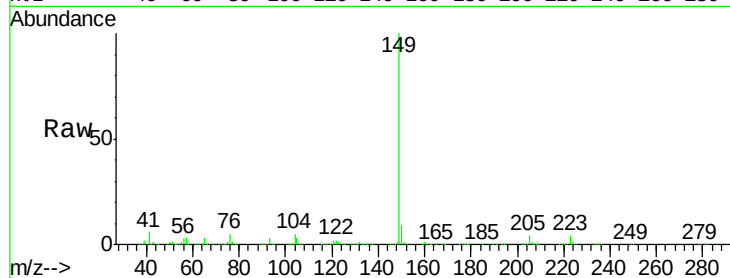




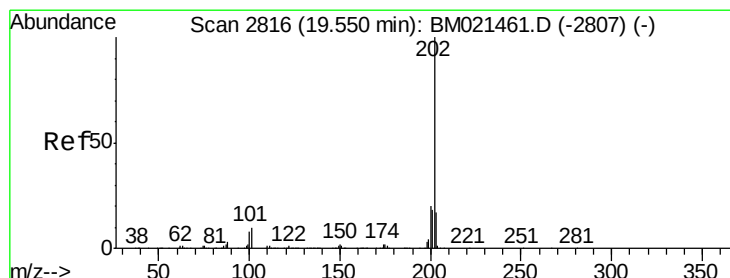
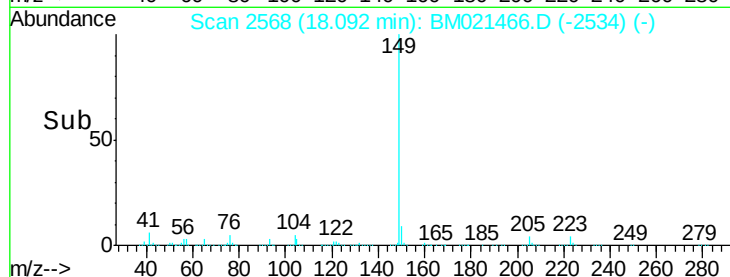
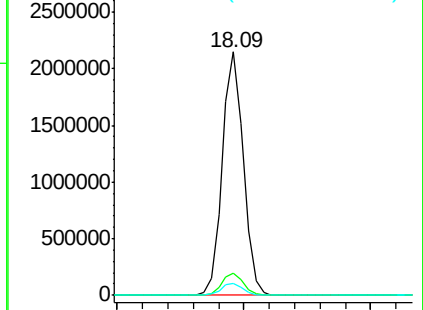
#75
Di-n-butylphthalate
Concen: 37.671 ng/ul
RT: 18.09 min Scan# 2568
Delta R.T. -0.00 min
Lab File: BM021466.D
Acq: 16 Jul 2019 13:42

Instrument :
BNA_M
ClientSampleId :
DB8W5

Tot Ion:149 Resp: 2477209
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.9 3.8 5.8

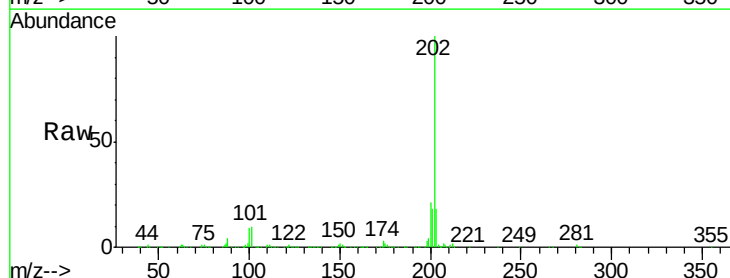


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

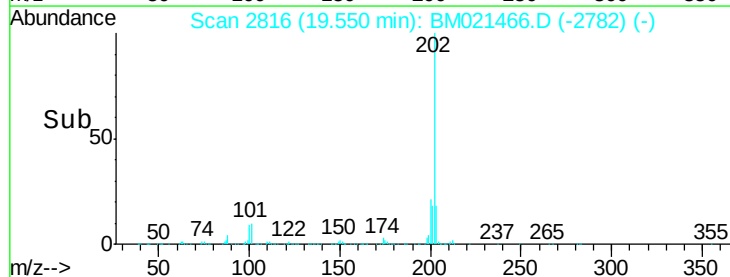
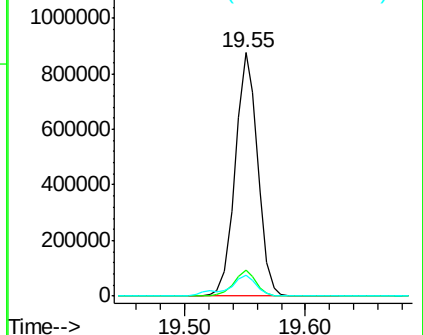


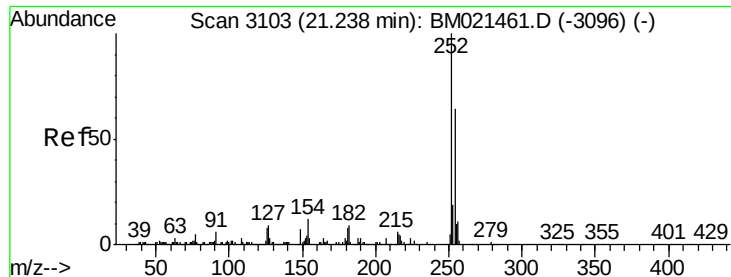
#79
Pyrene
Concen: 16.993 ng/ul
RT: 19.55 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BM021466.D
Acq: 16 Jul 2019 13:42

Tgt Ion:202 Resp: 1135606
Ion Ratio Lower Upper
202 100
101 10.5 7.8 11.8
100 8.6 6.4 9.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

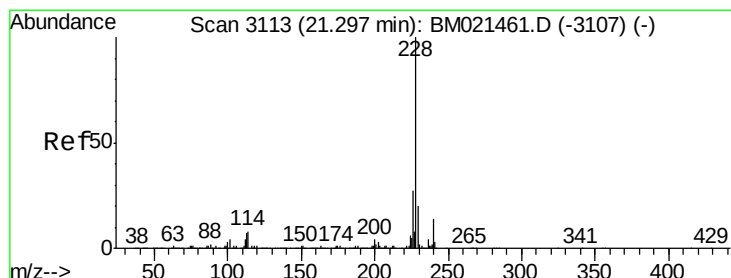
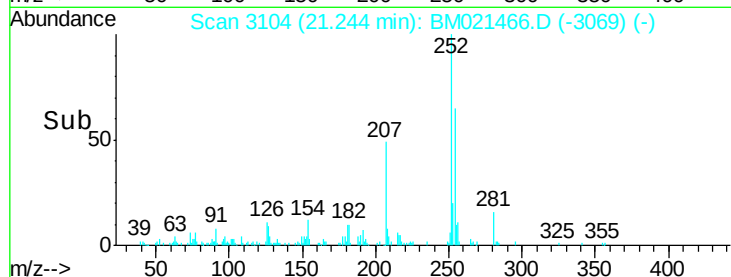
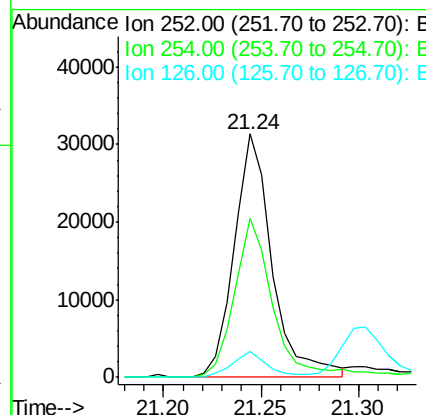
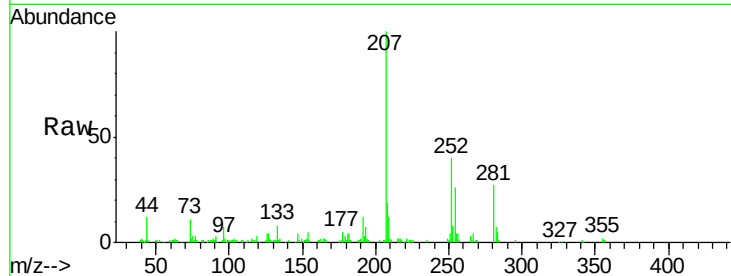




#81
 3,3'-Dichlorobenzidine
 Concen: 1.884 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. 0.01 min
 Lab File: BM021466.D
 Acq: 16 Jul 2019 13:42

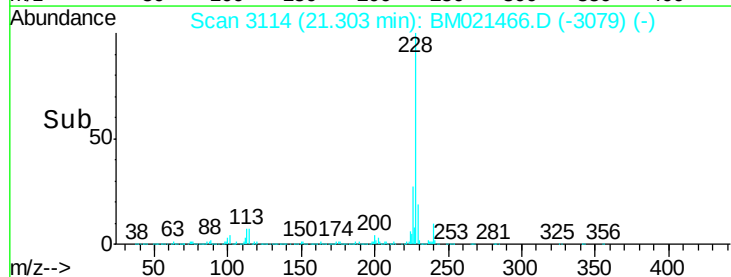
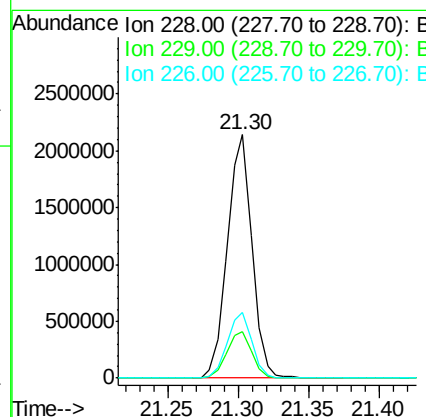
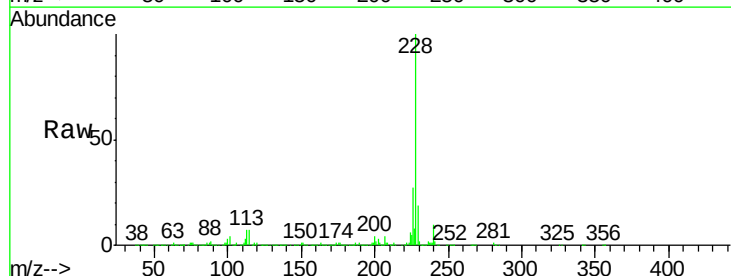
Instrument :
 BNA_M
 ClientSampleId :
 DB8W5

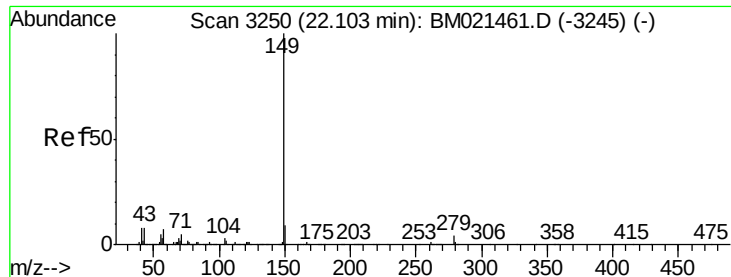
Tot Ion:252 Resp: 42296
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.1 78.1
 126 10.6 7.0 10.6#



#82
 Benzo(a)anthracene
 Concen: 37.430 ng/ul
 RT: 21.30 min Scan# 3114
 Delta R.T. 0.01 min
 Lab File: BM021466.D
 Acq: 16 Jul 2019 13:42

Tgt Ion:228 Resp: 2588358
 Ion Ratio Lower Upper
 228 100
 229 19.3 15.8 23.6
 226 26.9 21.5 32.3





#86

Di-n-octyl phthalate

Concen: 27.979 ng/ul

RT: 22.11 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

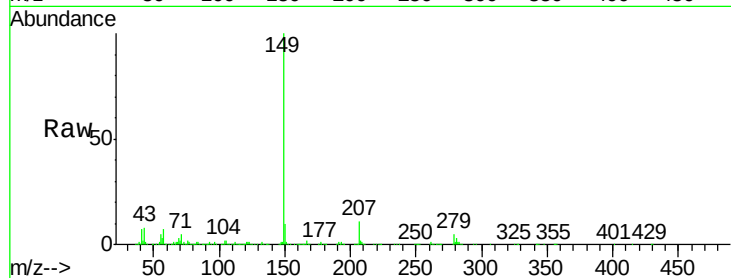
Instrument :

BNA_M

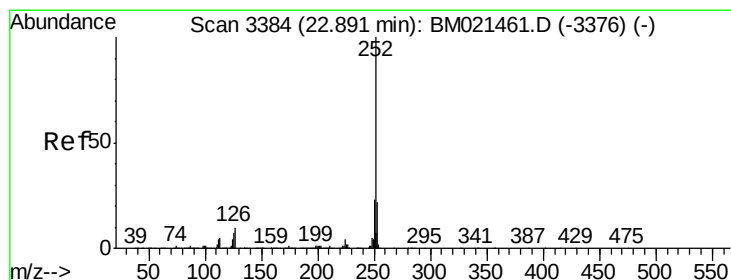
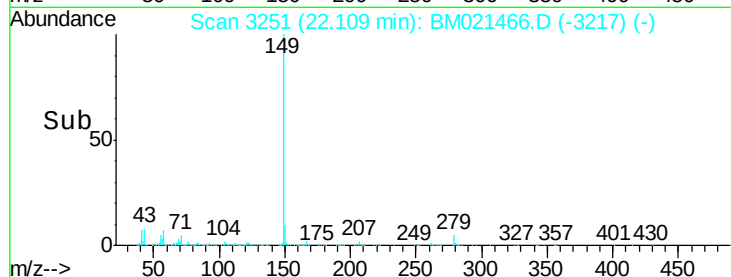
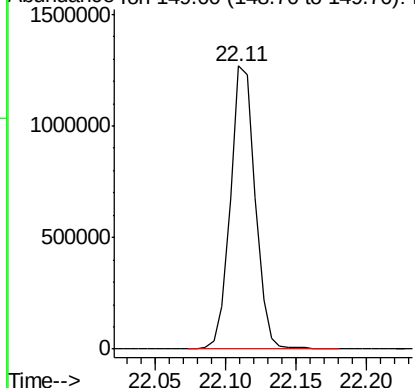
ClientSampleId :

DB8W5

Tgt Ion:149 Resp: 1545780



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 31.781 ng/ul

RT: 22.90 min Scan# 3385

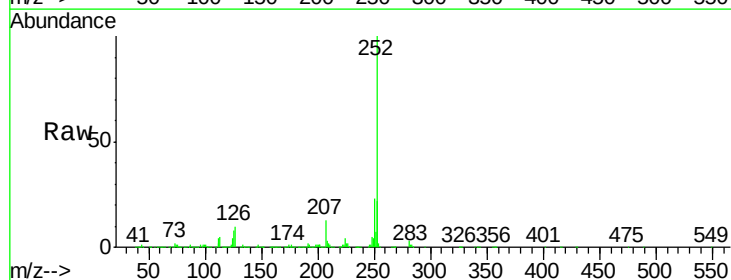
Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

Tgt Ion:252 Resp: 2025519

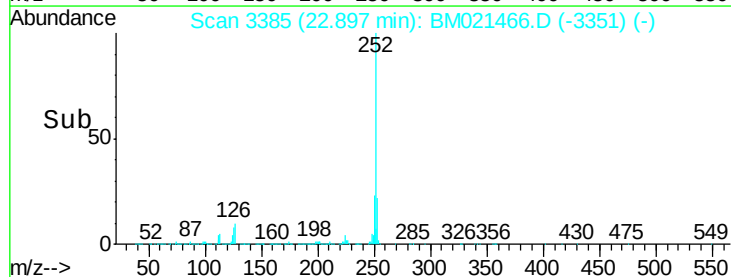
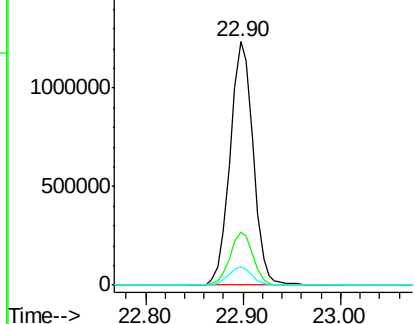
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	7.6	5.9	8.9

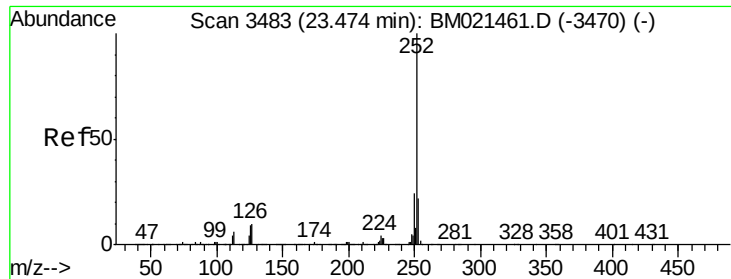


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 18.432 ng/ul

RT: 23.48 min Scan# 3484

Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

Instrument :

BNA_M

ClientSampleId :

DB8W5

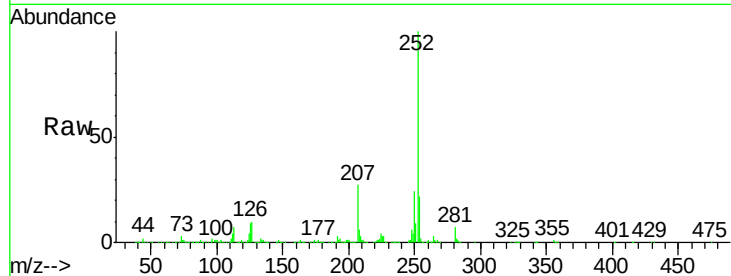
Tot Ion:252 Resp: 1134691

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

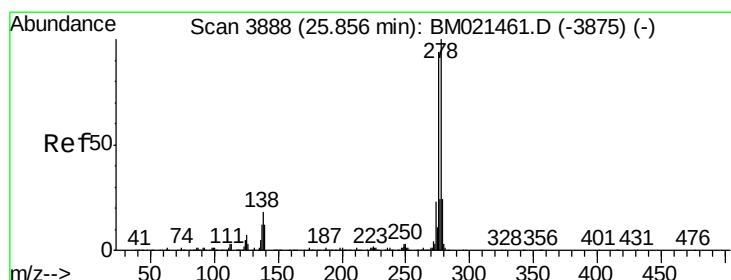
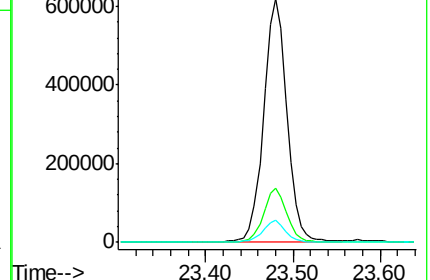
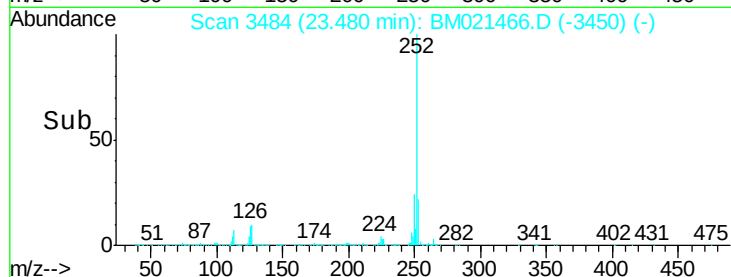
125 9.0 6.9 10.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Dibenzo(a,h)anthracene

Concen: 43.664 ng/ul

RT: 25.87 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

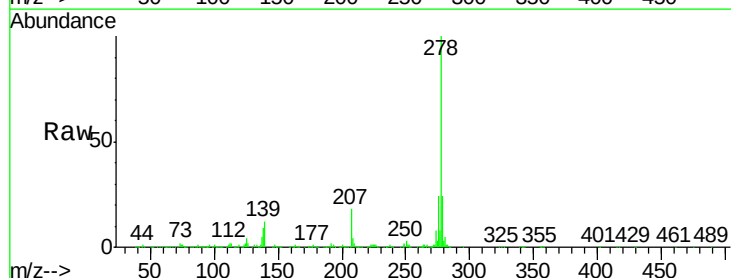
Tgt Ion:278 Resp: 2791229

Ion Ratio Lower Upper

278 100

139 11.6 9.8 14.6

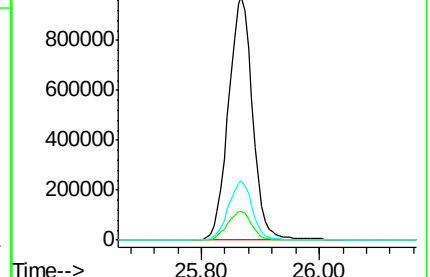
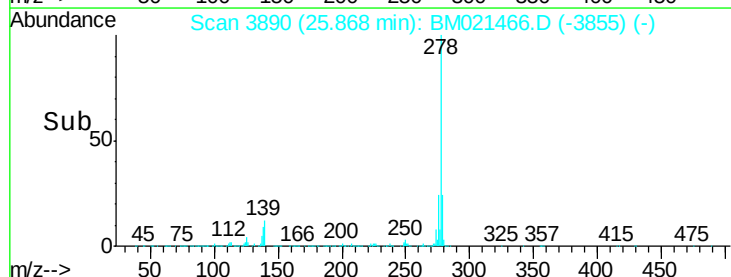
279 24.4 18.6 28.0

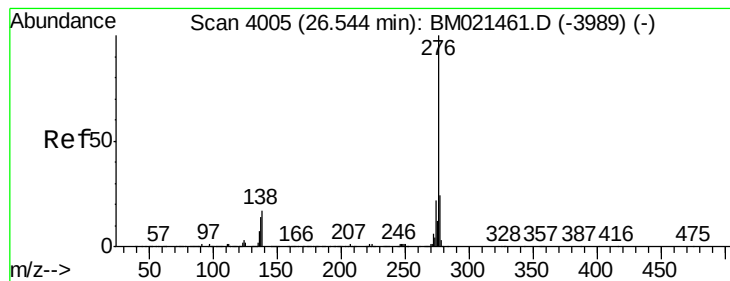


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 22.762 ng/ul

RT: 26.55 min Scan# 4006

Delta R.T. -0.00 min

Lab File: BM021466.D

Acq: 16 Jul 2019 13:42

Instrument :

BNA_M

ClientSampleId :

DB8W5

Tot Ion:276 Resp: 1427987

Ion	Ratio	Lower	Upper
276	100		
138	16.7	13.4	20.2
277	23.9	18.8	28.2

