

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
 Data File : BM021492.D
 Acq On : 17 Jul 2019 12:10
 Operator : HP/JU
 Sample : K3772-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52T9

Quant Time: Jul 17 15:04:21 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	7.72	152	192295	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.50	136	761015	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.37	164	437090	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	962717	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	934227	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1073279	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	43840	11.23	ng/uL	0.00
5) Phenol-d5	6.90	99	523829	35.03	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	304486	34.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	439482	34.15	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	427782	35.92	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	217355	34.67	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	241905	34.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	482436	34.12	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	458633	35.88	ng/ul	-0.01
43) Dimethylphthalate-d6	13.78	166	1337878	34.95	ng/ul	-0.01
46) Acenaphthylene-d8	14.06	160	1571111	32.69	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	206912	34.11	ng/ul	-0.01
57) Fluorene-d10	15.36	176	1168959	34.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	236839	36.60	ng/ul	0.00
70) Anthracene-d10	17.22	188	1775676	35.51	ng/ul	-0.01
78) Pyrene-d10	19.52	212	1957212	38.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	2236032	36.22	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.93	94	295618	20.656	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.16	93	681588	61.598	ng/ul 100
11) 2-Methylphenol	8.16	108	679534	62.314	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.54	70	581308	64.627	ng/ul 96
16) 4-Methylphenol	8.49	108	735295	63.596	ng/ul 84
17) Hexachloroethane	8.79	117	220435	40.759	ng/ul 98
21) Isophorone	9.45	82	1017732	40.895	ng/ul 99
23) 2-Nitrophenol	9.45	139	15469	2.191	ng/ul# 57
24) 2,4-Dimethylphenol	9.69	107	621466	45.251	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.93	93	758901	48.889	ng/ul 98
27) 2,4-Dichlorophenol	10.16	162	211603	16.363	ng/ul 98
28) Naphthalene	10.56	128	957701	24.181	ng/ul 100
30) 4-Chloroaniline	10.56	127	126049	10.317	ng/ul# 6
31) Hexachlorobutadiene	10.82	225	602806	63.074	ng/ul 98
32) Caprolactam	11.48	113	128790	38.163	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	708455	41.677	ng/ul 100
37) Hexachlorocyclopentadiene	12.51	237	337928	39.077	ng/ul 99
39) 2,4,5-Trichlorophenol	12.87	196	459170	42.823	ng/ul 98
41) 2-Chloronaphthalene	13.23	162	596734	20.354	ng/ul 99
44) Dimethylphthalate	13.83	163	734562	20.607	ng/ul 99
45) 2,6-Dinitrotoluene	13.83	165	7988	1.231	ng/ul# 52
47) Acenaphthylene	14.09	152	1003630	24.001	ng/ul 100
48) 3-Nitroaniline	14.29	138	342989	58.739	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

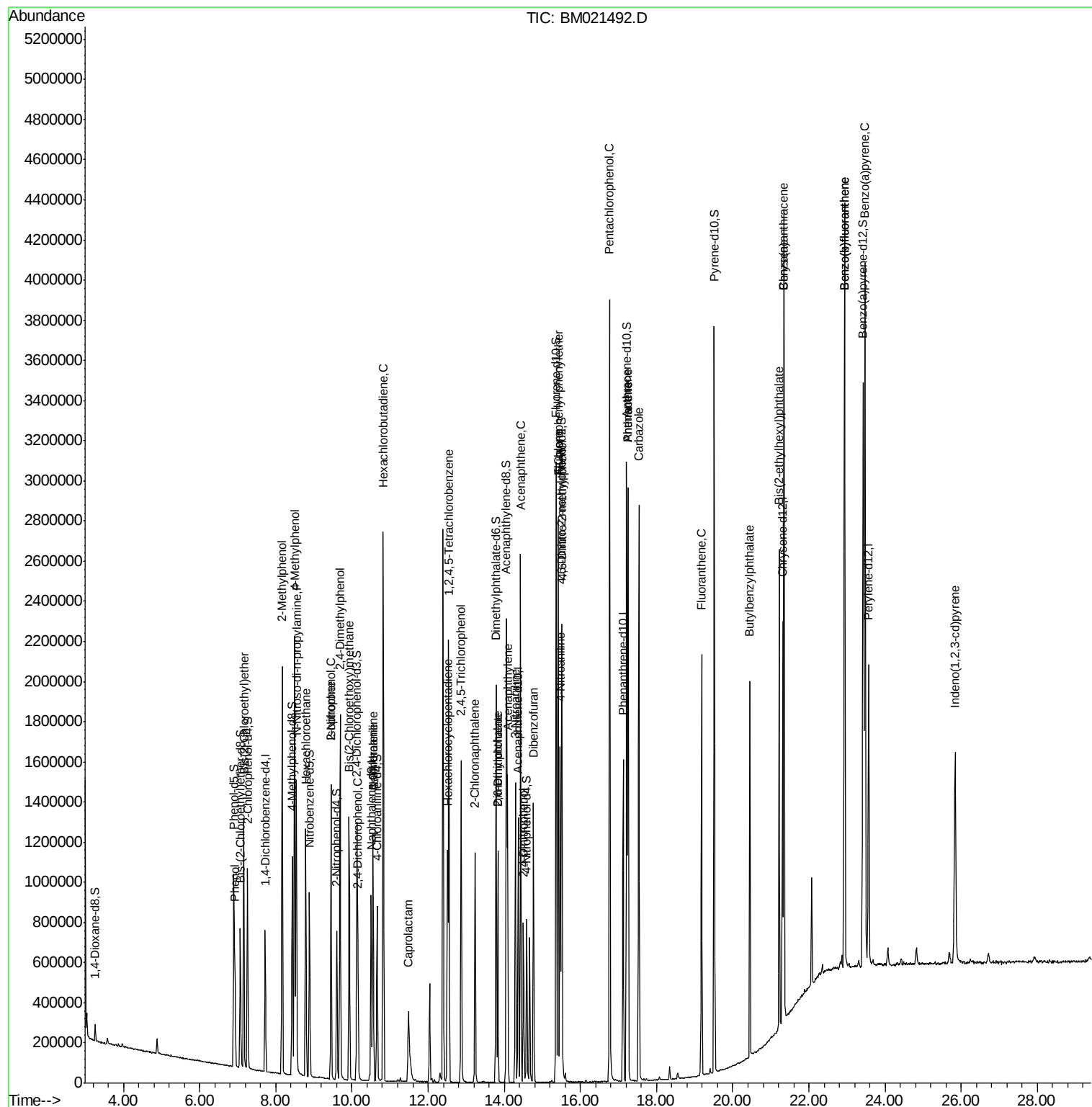
49) Acenaphthene	14.43	153	1061442	34.933	ng/ul	100
50) 2,4-Dinitrophenol	14.51	184	194624	49.856	ng/ul	96
53) Dibenzofuran	14.77	168	882972	20.060	ng/ul	99
58) Fluorene	15.42	166	292477	8.213	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	646265	32.473	ng/ul	99
60) 4-Nitroaniline	15.47	138	429991	71.719	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.52	198	497988	77.348	ng/ul	96
68) Pentachlorophenol	16.77	266	748236	100.235	ng/ul	100
69) Phenanthrene	17.25	178	1859163	34.249	ng/ul	99
71) Anthracene	17.25	178	1859163	33.650	ng/ul	99
74) Carbazole	17.53	167	1900741	41.448	ng/ul	100
76) Fluoranthene	19.18	202	1254324	19.460	ng/ul	99
80) Butylbenzylphthalate	20.44	149	536540	24.497	ng/ul	100
82) Benzo(a)anthracene	21.35	228	2143833	33.509	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.22	149	790218	24.529	ng/ul	98
84) Chrysene	21.35	228	2143833	35.644	ng/ul	99
87) Benzo(b)fluoranthene	22.93	252	2832376	42.348	ng/ul	100
88) Benzo(k)fluoranthene	22.93	252	2832376	42.516	ng/ul	99
90) Benzo(a)pyrene	23.47	252	2725115	42.183	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.84	276	1264680	15.848	ng/ul#	95

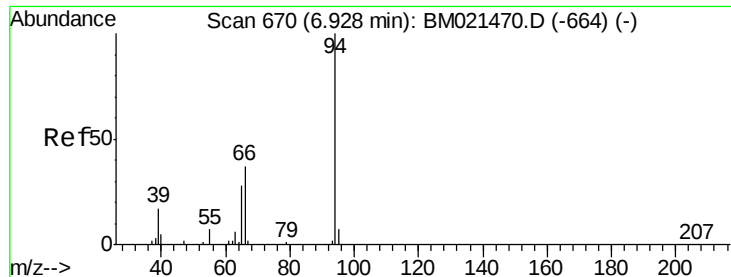
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 20.656 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampled :

A52T9

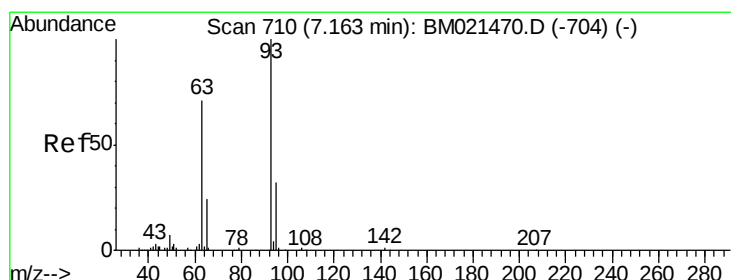
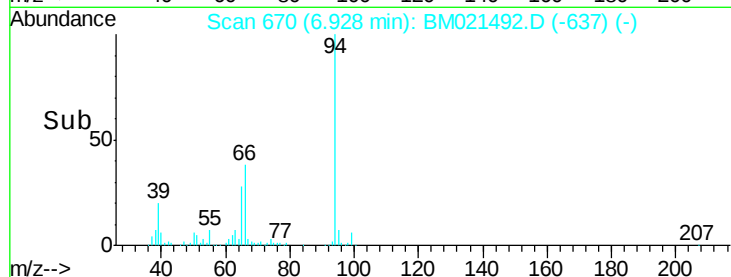
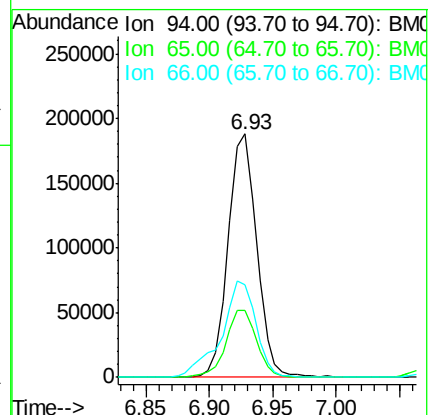
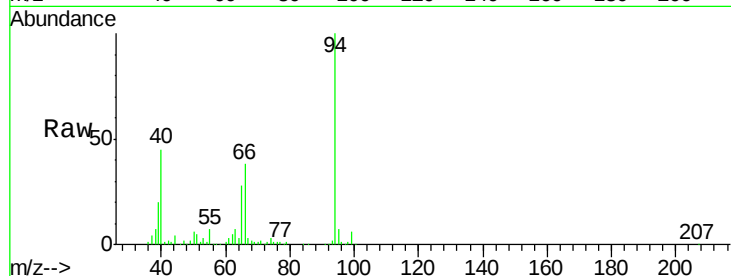
Tgt Ion: 94 Resp: 295618

Ion Ratio Lower Upper

94 100

65 27.7 23.0 34.6

66 37.9 31.6 47.4



#8

Bis(2-Chloroethyl)ether

Concen: 61.598 ng/ul

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

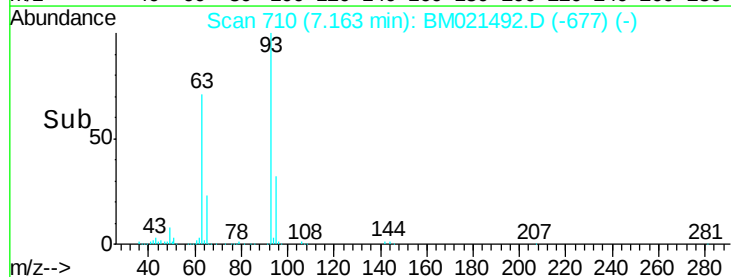
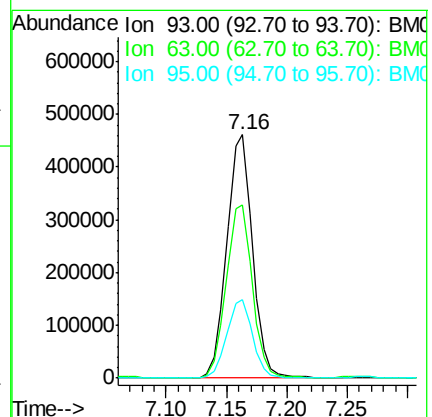
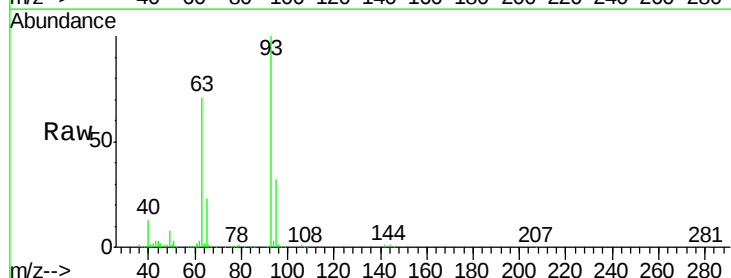
Tgt Ion: 93 Resp: 681588

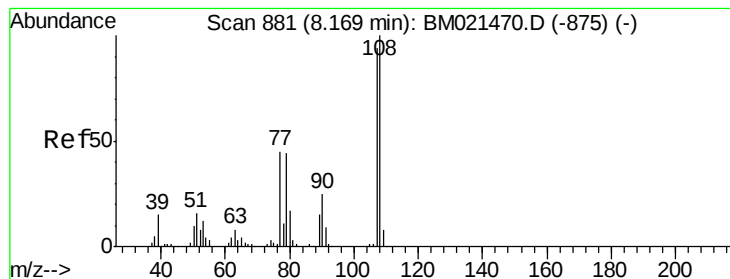
Ion Ratio Lower Upper

93 100

63 70.9 56.6 85.0

95 32.4 25.8 38.6





#11

2-Methylphenol

Concen: 62.314 ng/ul

RT: 8.16 min Scan# 880

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

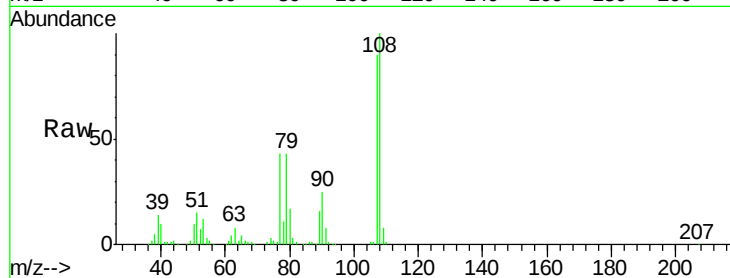
A52T9

Tgt Ion:108 Resp: 679534

Ion Ratio Lower Upper

108 100

107 89.7 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.16

400000

300000

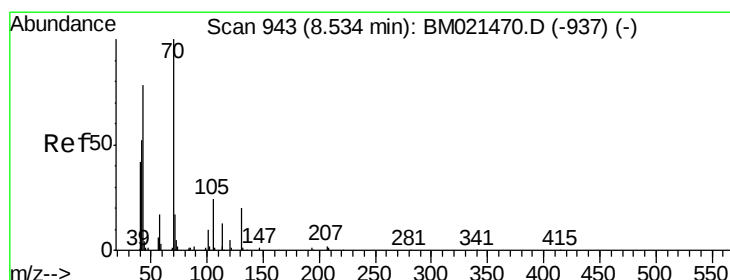
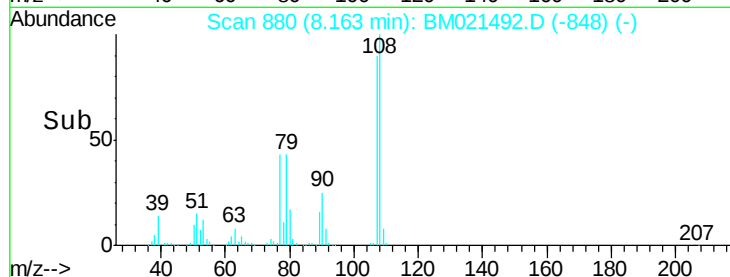
200000

100000

0

8.10 8.15 8.20 8.25

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 64.627 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. 0.00 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Tgt Ion: 70 Resp: 581308

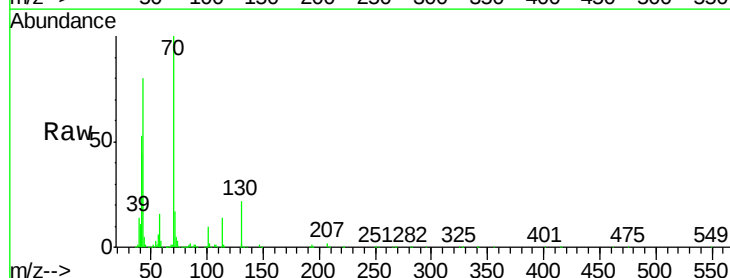
Ion Ratio Lower Upper

70 100

42 53.3 39.9 59.9

101 9.9 7.6 11.4

130 22.1 18.5 27.7



Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

8.54

400000

300000

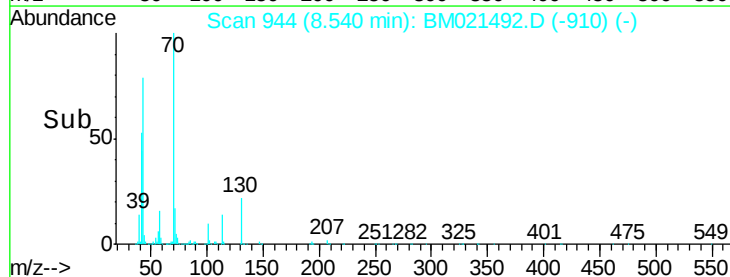
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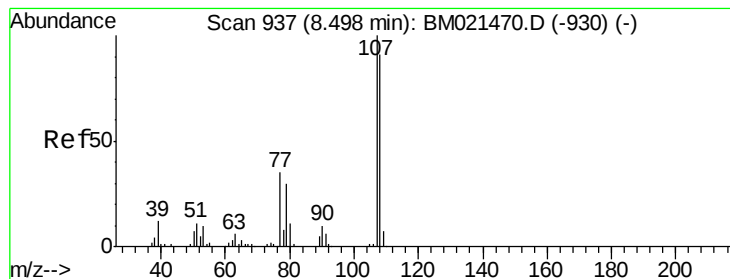
100000

0

8.45 8.50 8.55 8.60

Time-->





#16

4-Methylphenol

Concen: 63.596 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

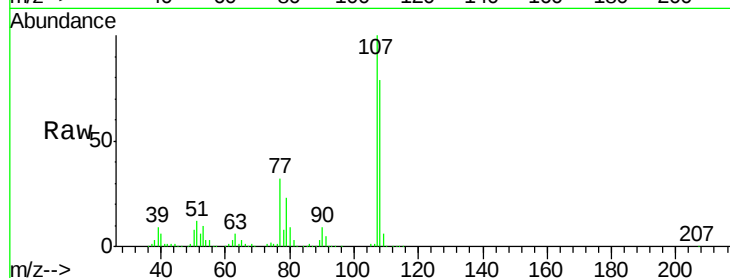
A52T9

Tgt Ion:108 Resp: 735295

Ion Ratio Lower Upper

108 100

107 125.9 87.2 130.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

600000

400000

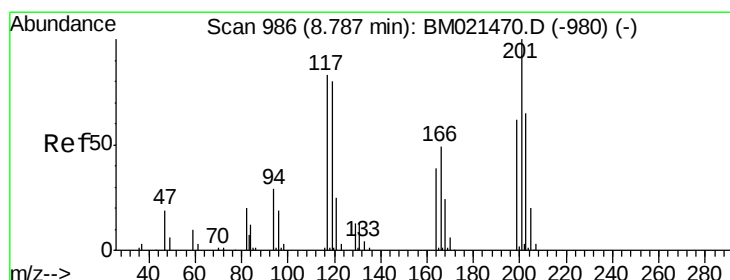
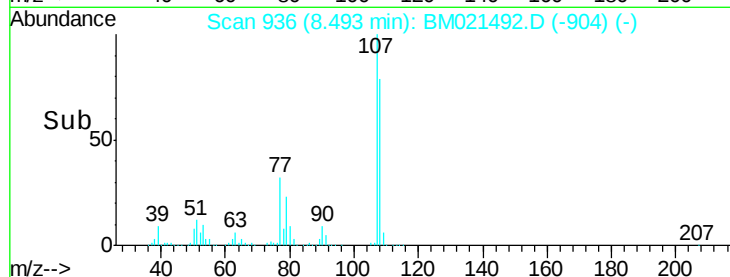
200000

0

8.49

8.40 8.50 8.60

Time-->



#17

Hexachloroethane

Concen: 40.759 ng/ul

RT: 8.79 min Scan# 986

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

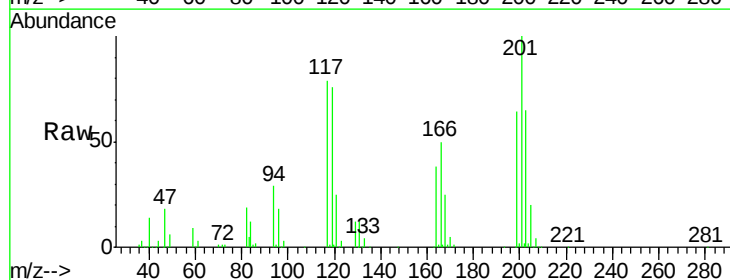
Tgt Ion:117 Resp: 220435

Ion Ratio Lower Upper

117 100

201 126.8 99.7 149.5

199 80.6 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

200000

150000

100000

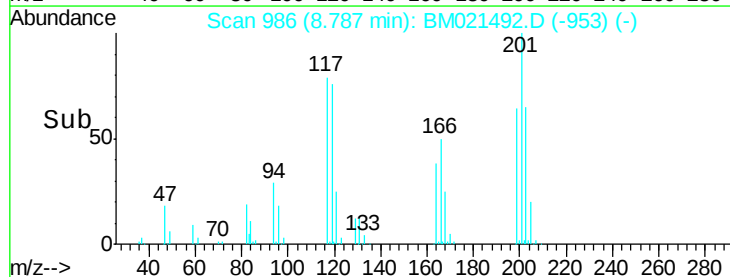
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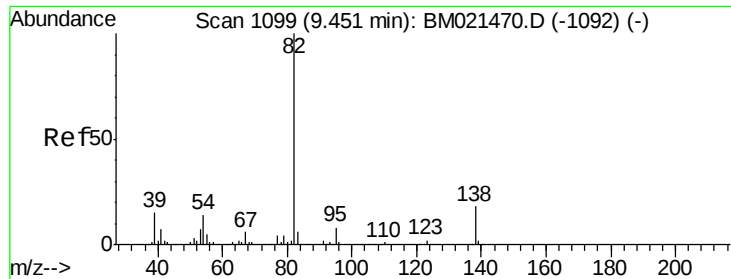
0

8.79

8.75 8.80 8.85

Time-->





#21

Isophorone

Concen: 40.895 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

A52T9

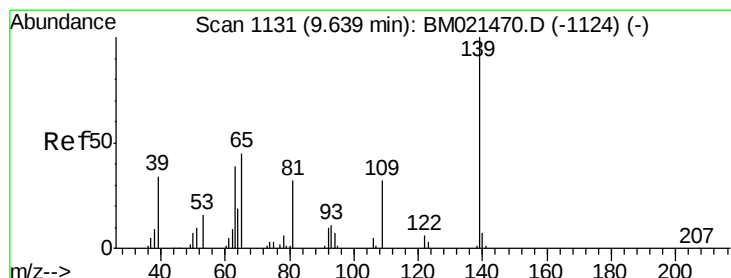
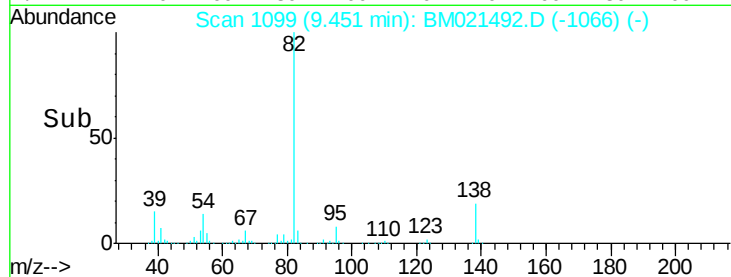
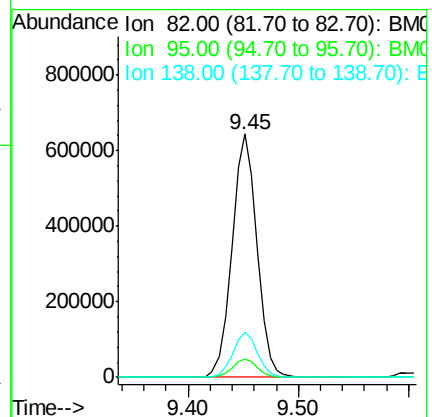
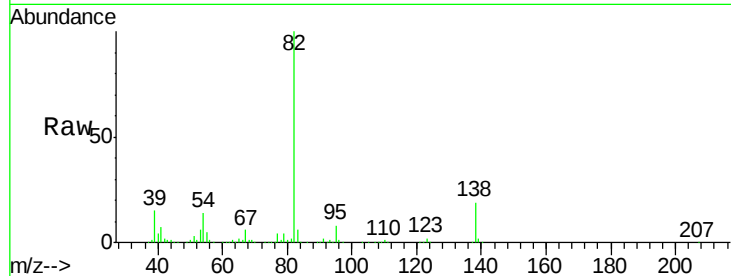
Tgt Ion: 82 Resp: 1017732

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

138 18.6 15.2 22.8



#23

2-Nitrophenol

Concen: 2.191 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.19 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

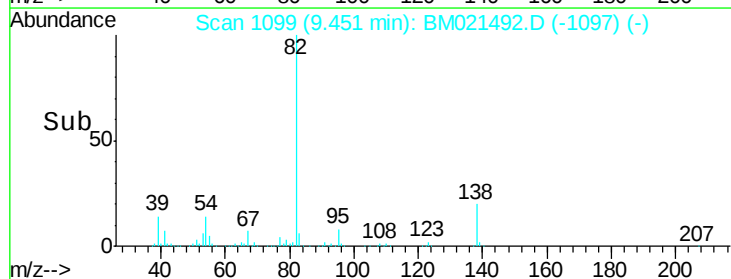
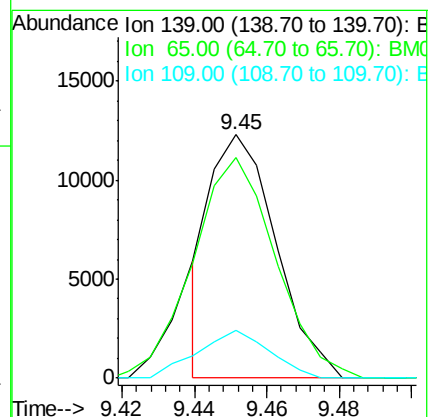
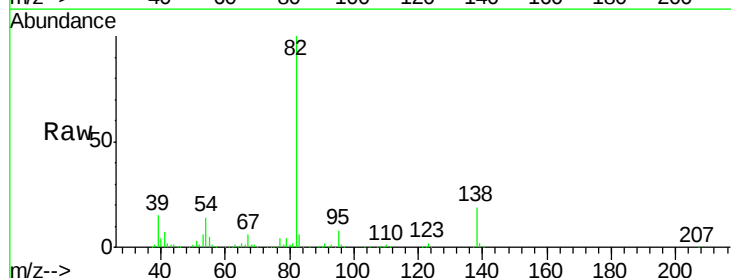
Tgt Ion: 139 Resp: 15469

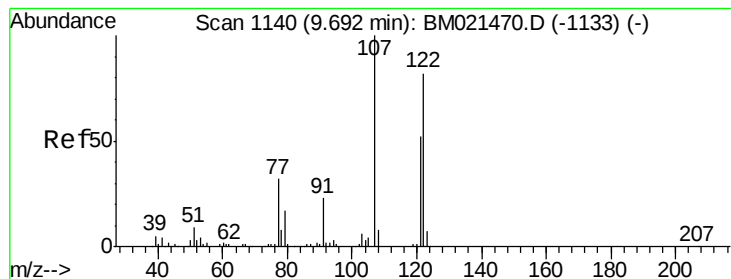
Ion Ratio Lower Upper

139 100

65 90.7 40.2 60.4#

109 19.8 23.2 34.8#





#24

2,4-Dimethylphenol

Concen: 45.251 ng/ul

RT: 9.69 min Scan# 1140

Delta R.T. -0.01 min

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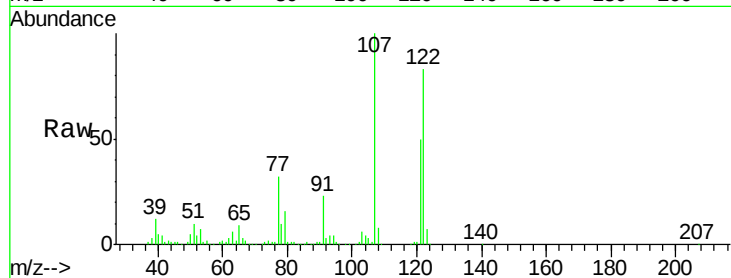
Tgt Ion: 107 Resp: 621466

Ion Ratio Lower Upper

107 100

121 49.7 40.5 60.7

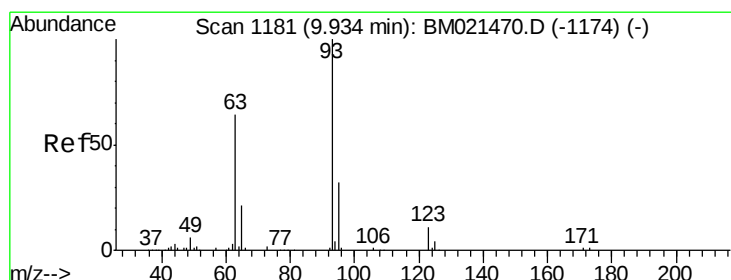
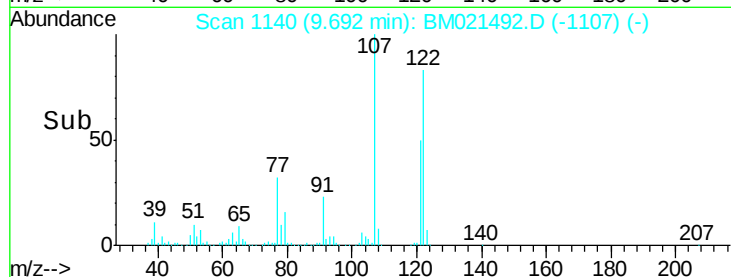
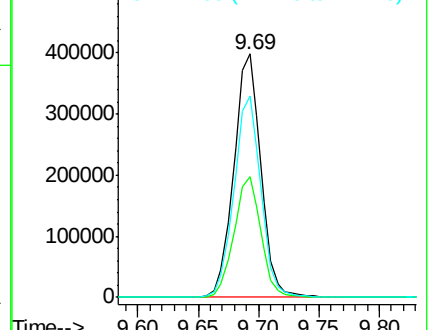
122 82.7 67.3 100.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 48.889 ng/ul

RT: 9.93 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

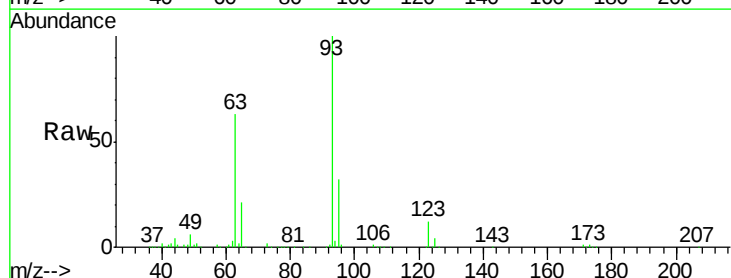
Tgt Ion: 93 Resp: 758901

Ion Ratio Lower Upper

93 100

95 32.1 26.8 40.2

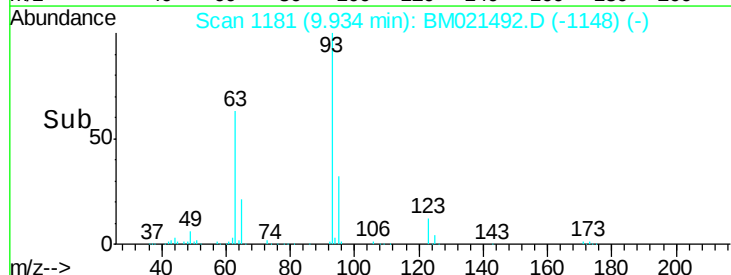
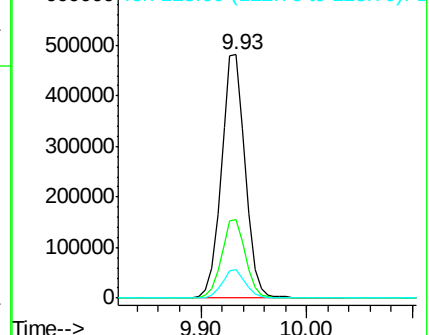
123 11.6 8.9 13.3

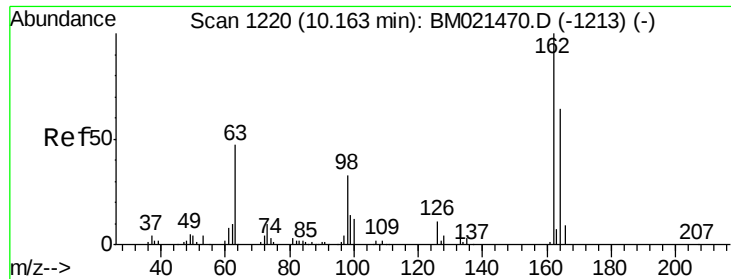


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

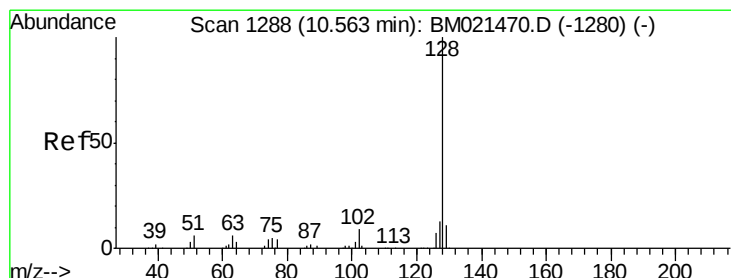
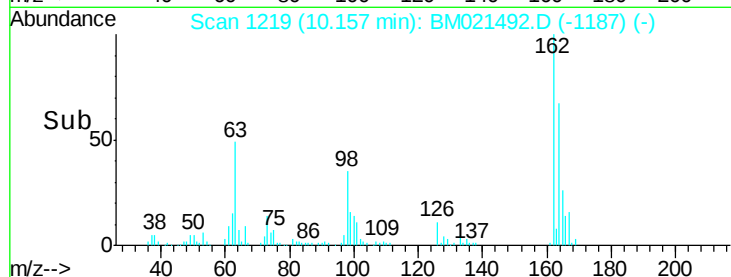
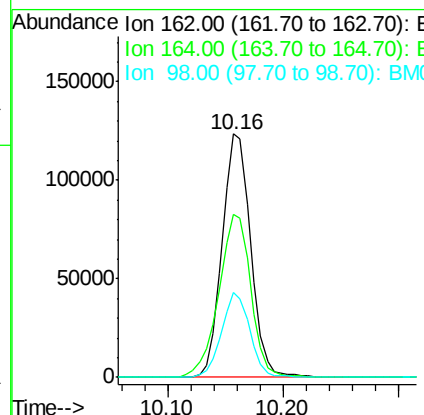
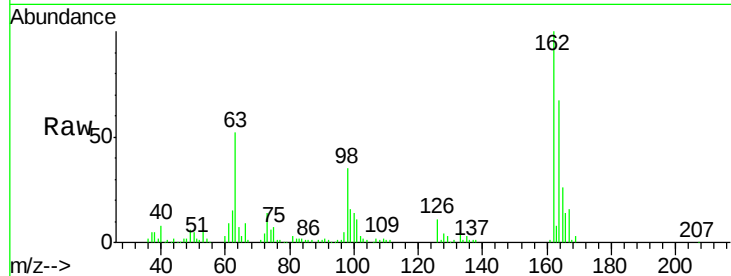




#27
 2,4-Dichlorophenol
 Concen: 16.363 ng/ul
 RT: 10.16 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 12:10

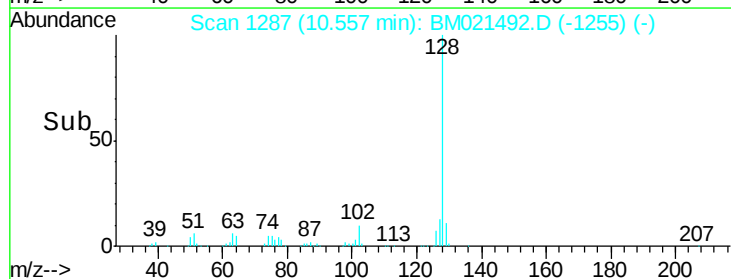
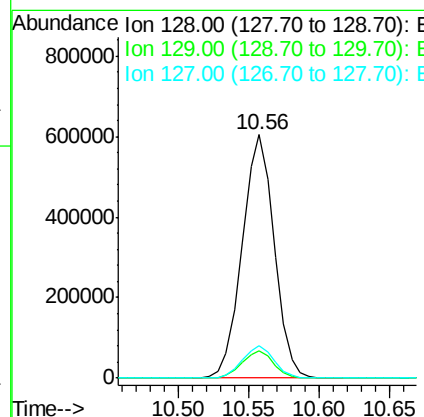
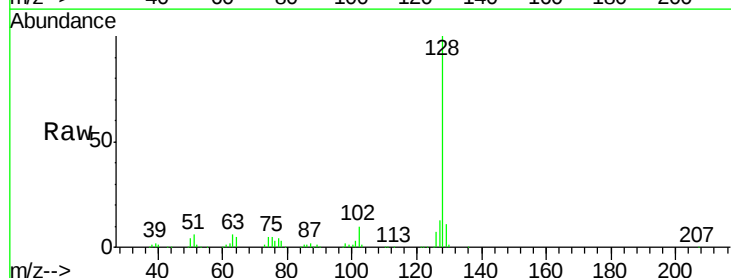
Instrument :
 BNA_M
 ClientSampleId :
 A52T9

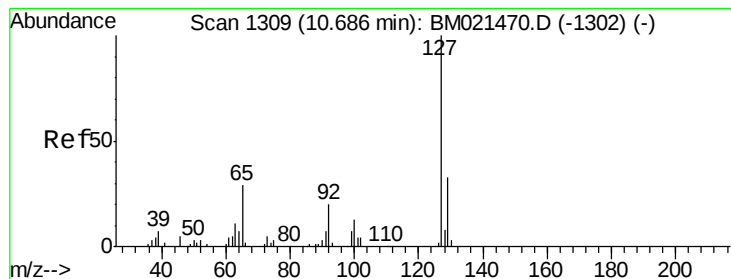
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.9	52.6	78.8
98	34.9	26.5	39.7



#28
 Naphthalene
 Concen: 24.181 ng/ul
 RT: 10.56 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.6	16.0





#30

4-Chloroaniline

Concen: 10.317 ng/ul

RT: 10.56 min Scan# 1287

Delta R.T. -0.14 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

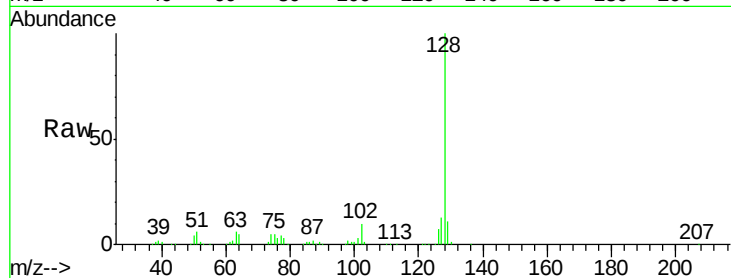
A52T9

Tgt Ion:127 Resp: 126049

Ion Ratio Lower Upper

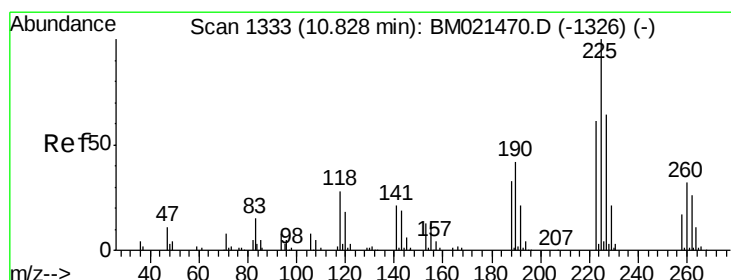
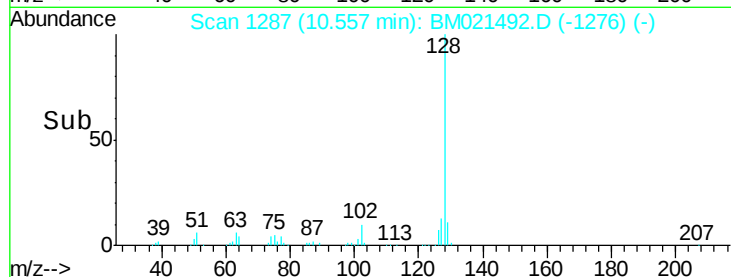
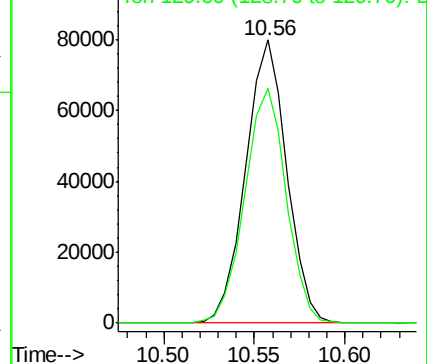
127 100

129 83.1 25.0 37.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 63.074 ng/ul

RT: 10.82 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

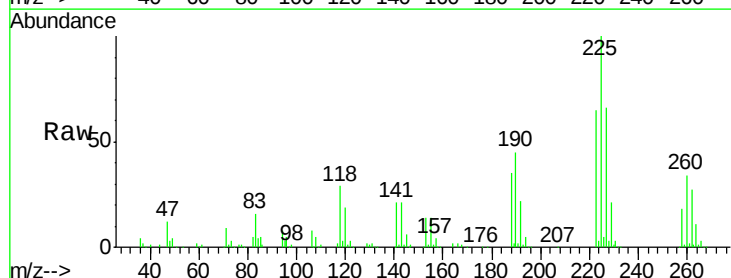
Tgt Ion:225 Resp: 602806

Ion Ratio Lower Upper

225 100

223 64.8 49.9 74.9

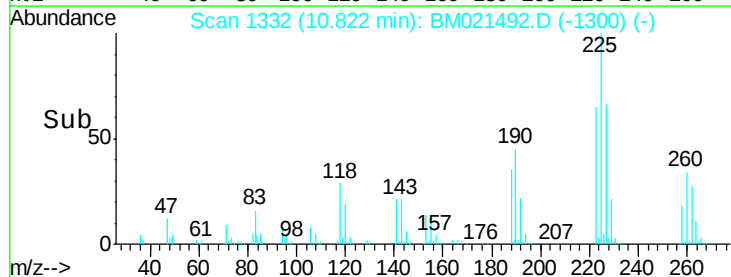
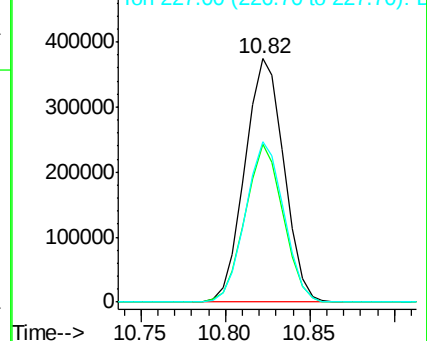
227 66.1 51.8 77.8

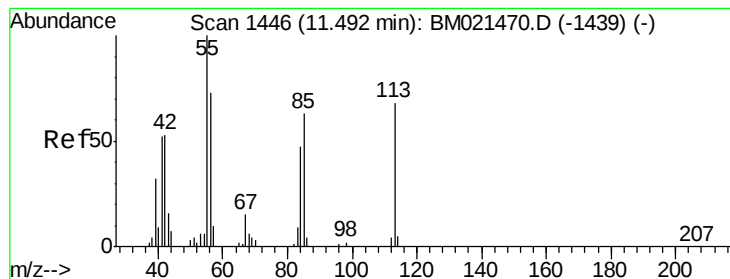


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 38.163 ng/ul

RT: 11.48 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

A52T9

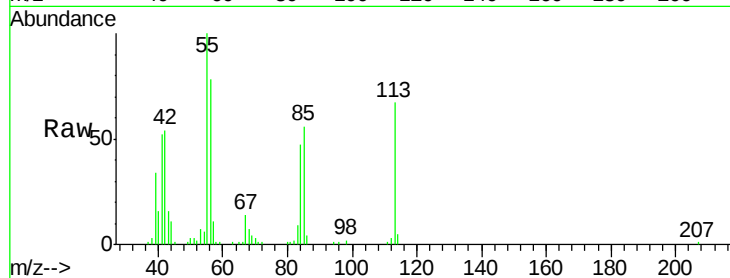
Tgt Ion:113 Resp: 128790

Ion Ratio Lower Upper

113 100

55 148.7 121.0 181.4

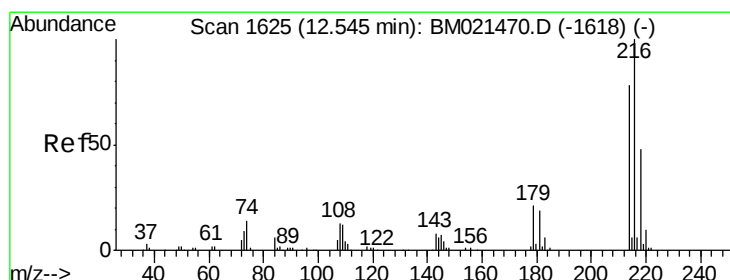
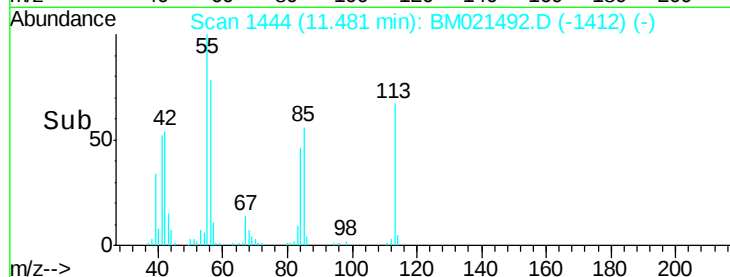
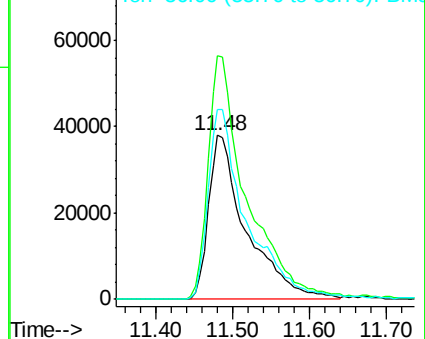
56 115.8 92.8 139.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 41.677 ng/ul

RT: 12.54 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Tgt Ion:216 Resp: 708455

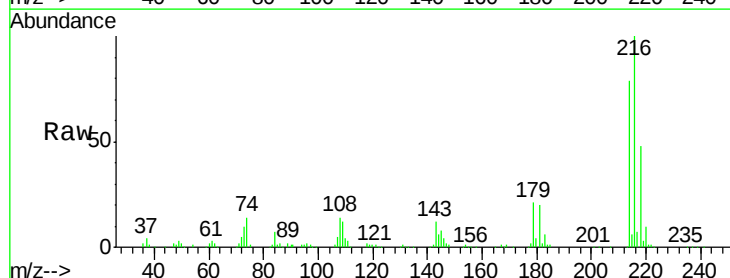
Ion Ratio Lower Upper

216 100

214 78.7 62.9 94.3

179 20.7 16.2 24.2

108 14.2 11.2 16.8

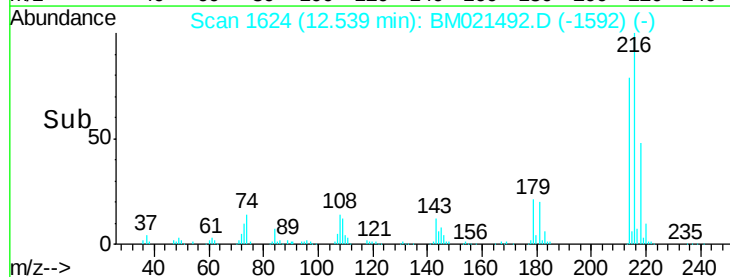
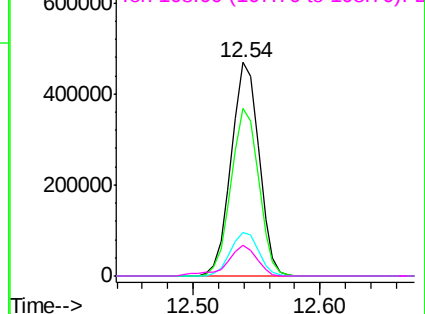


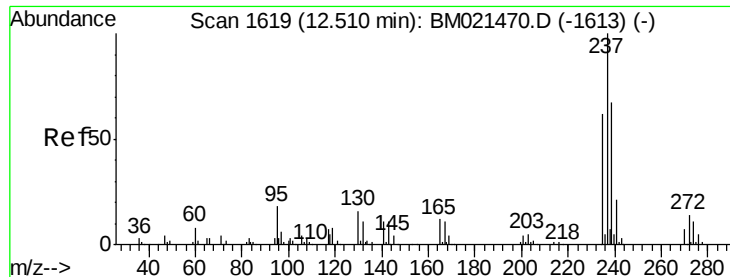
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 39.077 ng/ul

RT: 12.51 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

A52T9

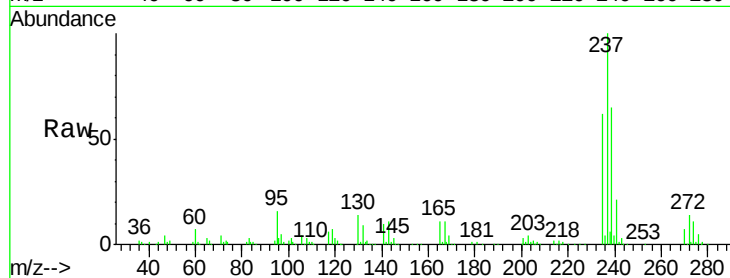
Tgt Ion:237 Resp: 337928

Ion Ratio Lower Upper

237 100

235 61.7 49.4 74.2

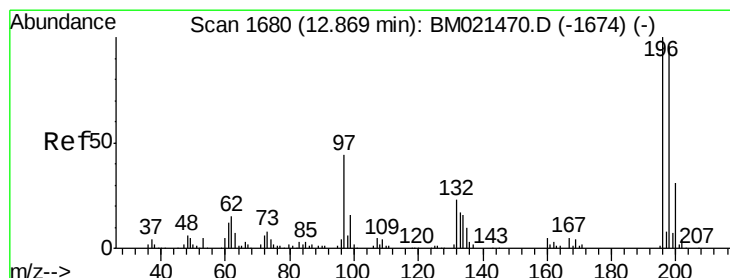
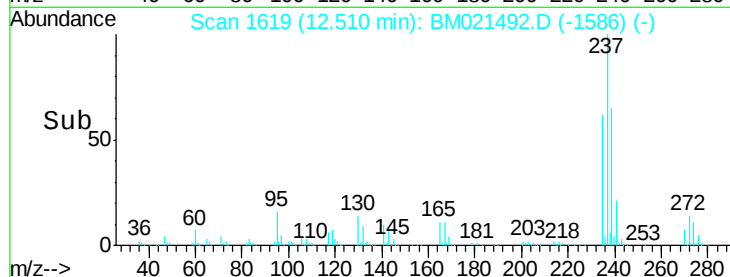
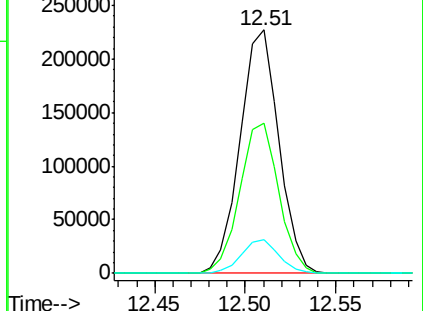
272 13.7 9.7 14.5



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#39

2,4,5-Trichlorophenol

Concen: 42.823 ng/ul

RT: 12.87 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

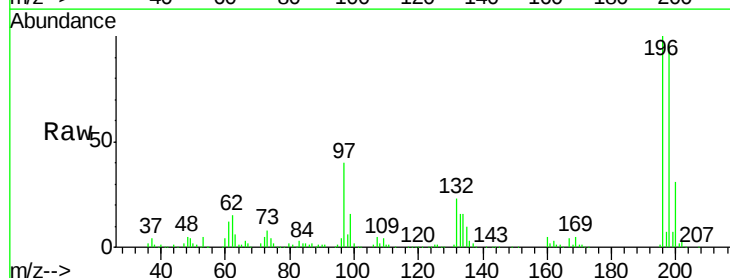
Tgt Ion:196 Resp: 459170

Ion Ratio Lower Upper

196 100

198 96.0 74.8 112.2

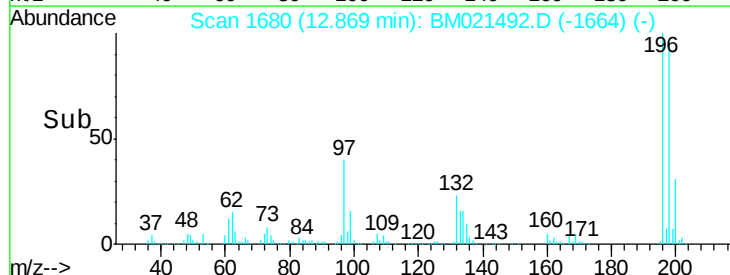
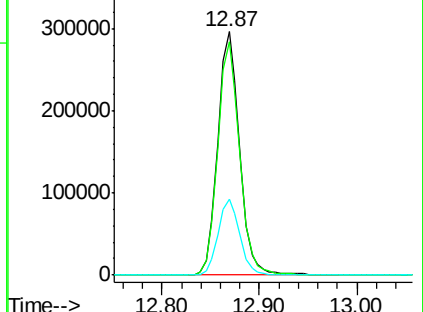
200 31.1 24.7 37.1

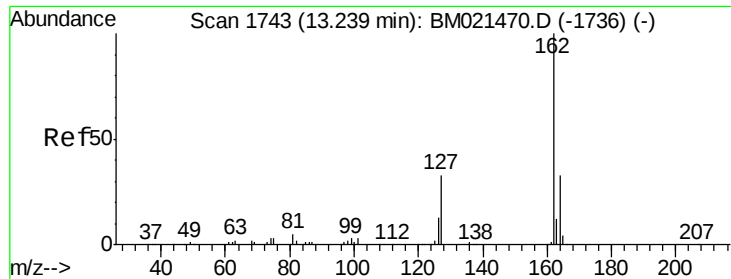


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

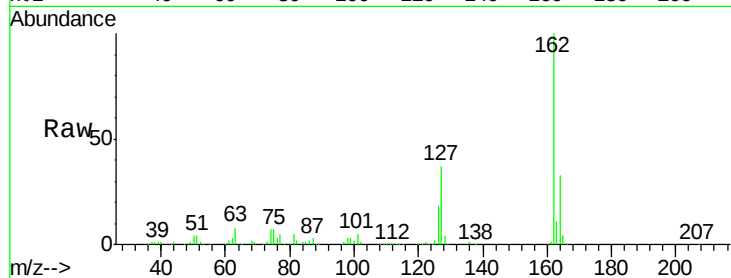




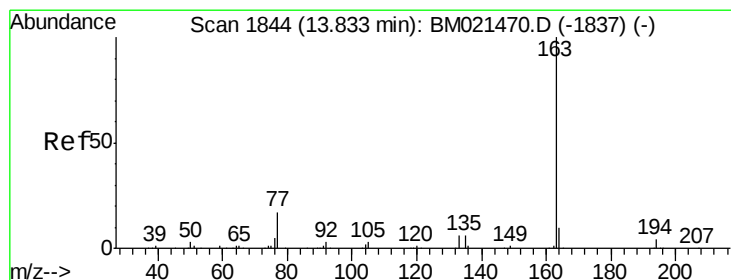
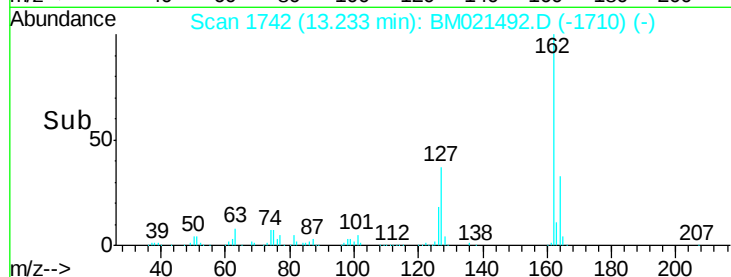
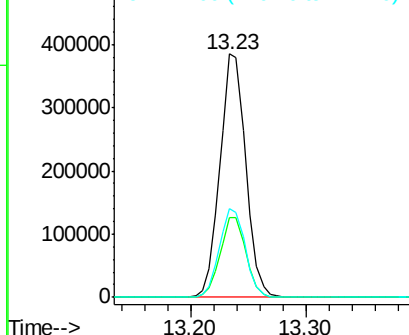
#41
2-Chloronaphthalene
Concen: 20.354 ng/ul
RT: 13.23 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BM021492.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_M
ClientSampleId :
A52T9

Tgt Ion:162 Resp: 596734
Ion Ratio Lower Upper
162 100
164 32.7 26.6 40.0
127 36.6 28.6 42.8

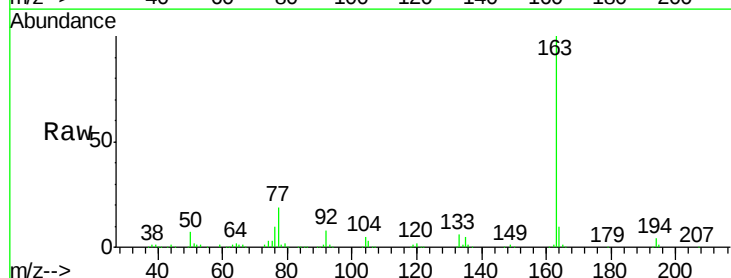


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

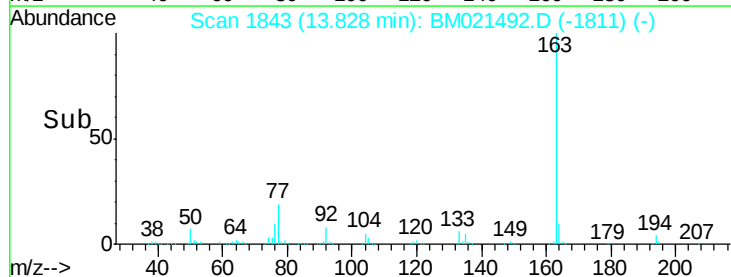
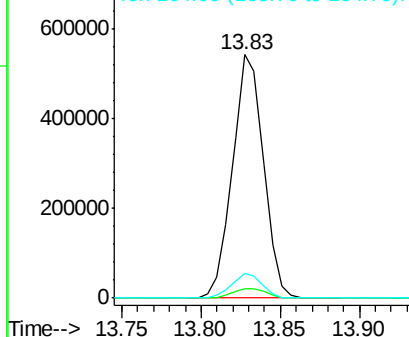


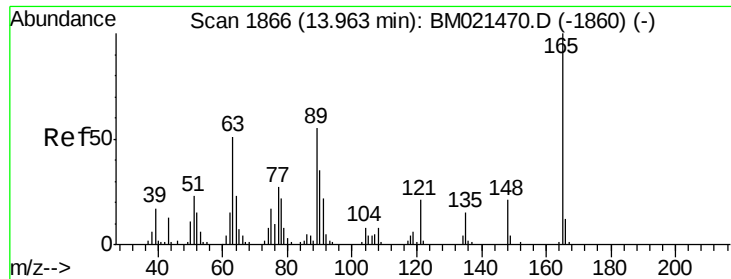
#44
Dimethylphthalate
Concen: 20.607 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BM021492.D
Acq: 17 Jul 2019 12:10

Tgt Ion:163 Resp: 734562
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#45

2,6-Dinitrotoluene

Concen: 1.231 ng/ul

RT: 13.83 min Scan# 1843

Delta R.T. -0.14 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

A52T9

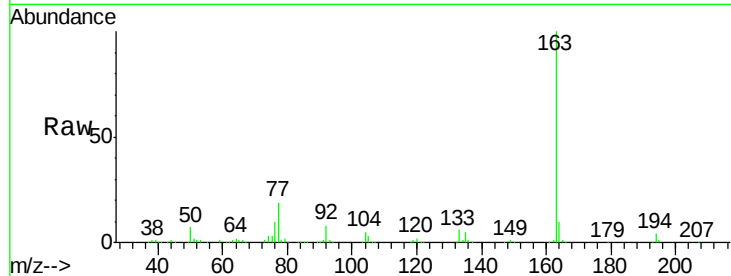
Tgt Ion:165 Resp: 7988

Ion Ratio Lower Upper

165 100

89 11.4 45.4 68.2#

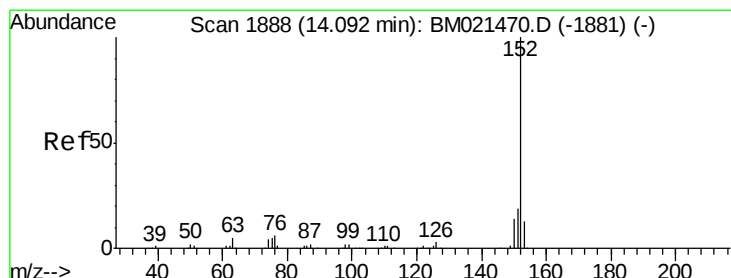
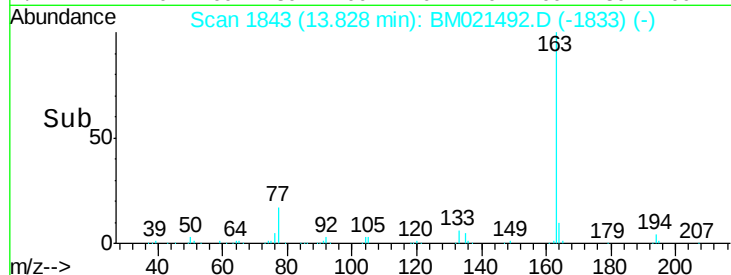
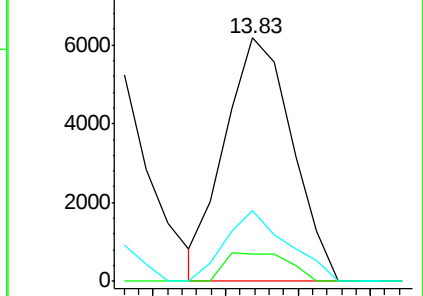
121 29.3 18.1 27.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E



#47

Acenaphthylene

Concen: 24.001 ng/ul

RT: 14.09 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

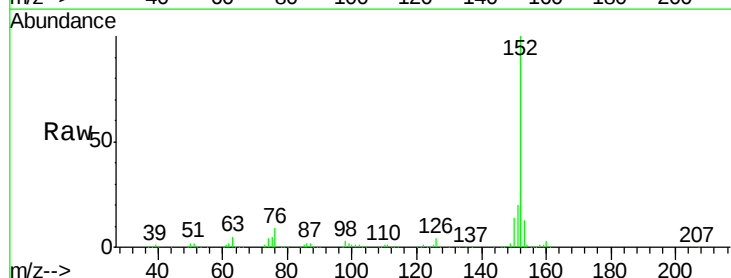
Tgt Ion:152 Resp: 1003630

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

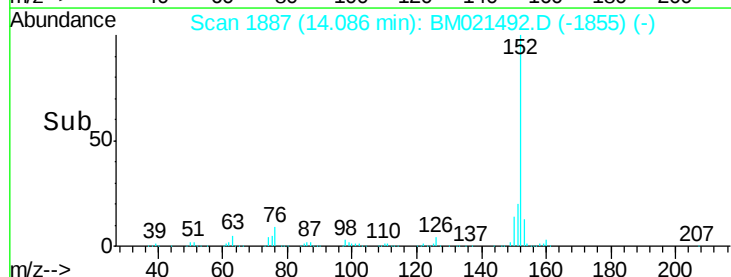
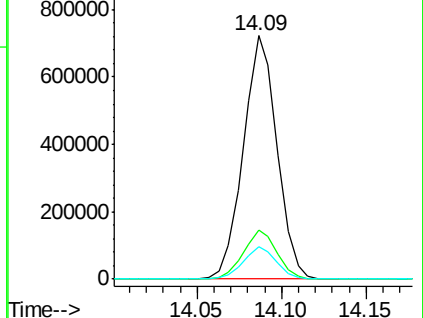
153 13.3 10.6 15.8

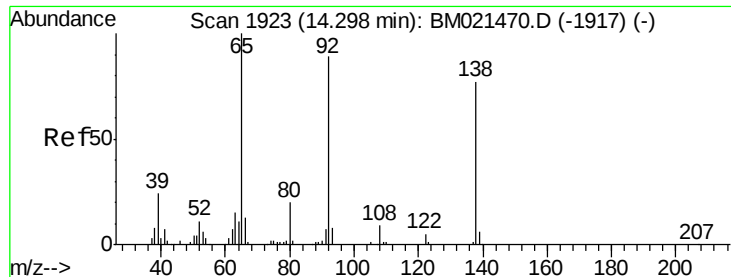


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

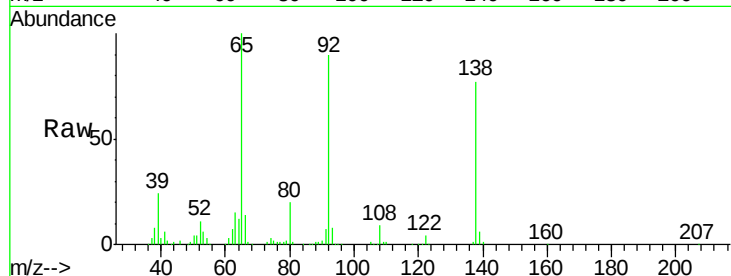




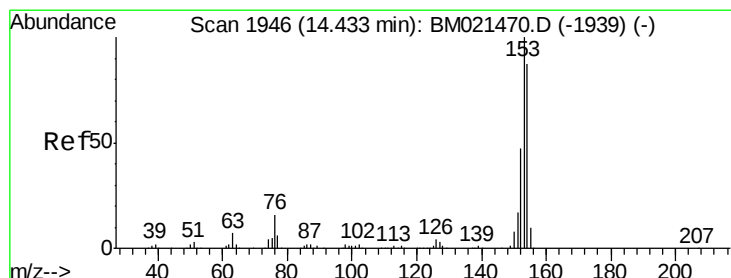
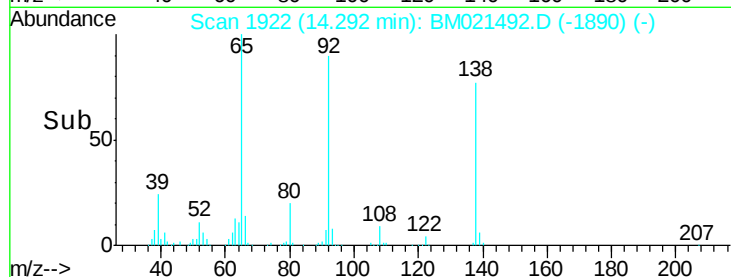
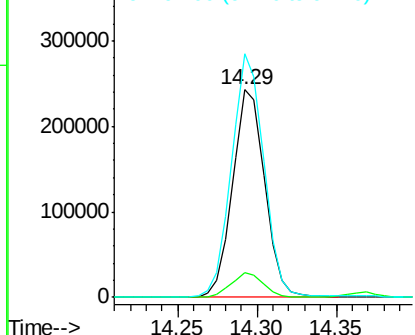
#48
3-Nitroaniline
Concen: 58.739 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM021492.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_M
ClientSampleId :
A52T9

Tgt Ion:138 Resp: 342989
Ion Ratio Lower Upper
138 100
108 11.6 9.1 13.7
92 117.2 92.9 139.3

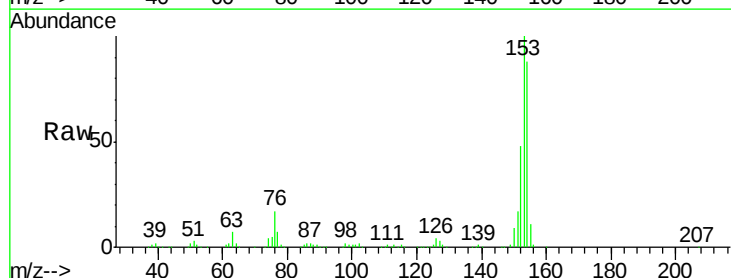


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

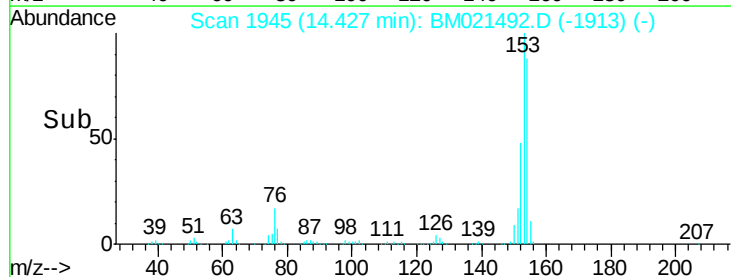
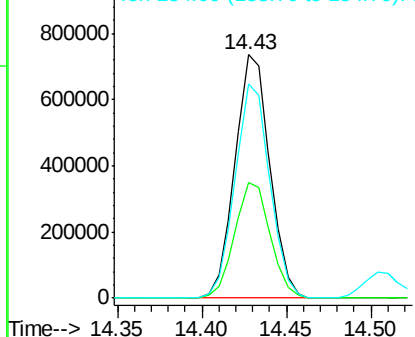


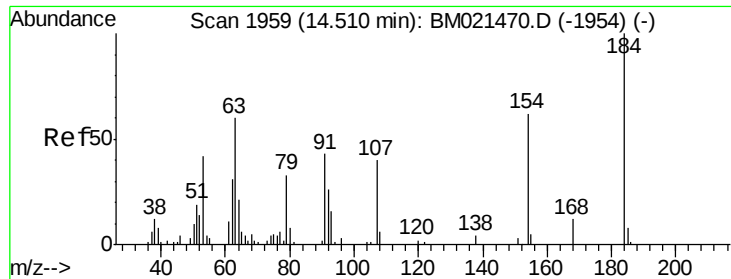
#49
Acenaphthene
Concen: 34.933 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM021492.D
Acq: 17 Jul 2019 12:10

Tgt Ion:153 Resp: 1061442
Ion Ratio Lower Upper
153 100
152 47.5 38.2 57.4
154 87.8 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

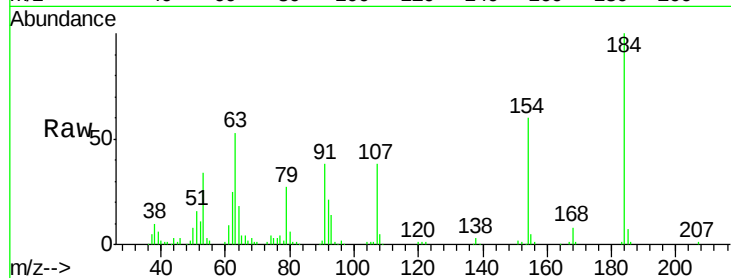




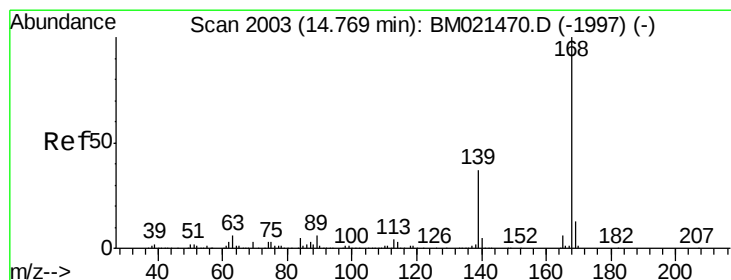
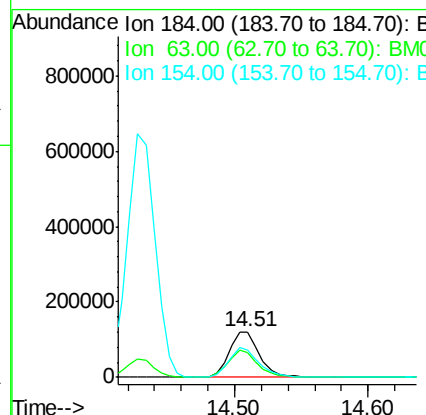
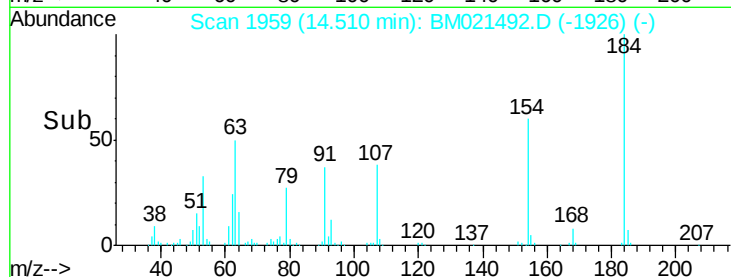
#50
 2,4-Dinitrophenol
 Concen: 49.856 ng/ul
 RT: 14.51 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_M
 ClientSampleId :
 A52T9

Tgt Ion:184 Resp: 194624
 Ion Ratio Lower Upper
 184 100
 63 53.2 44.4 66.6
 154 60.1 50.4 75.6

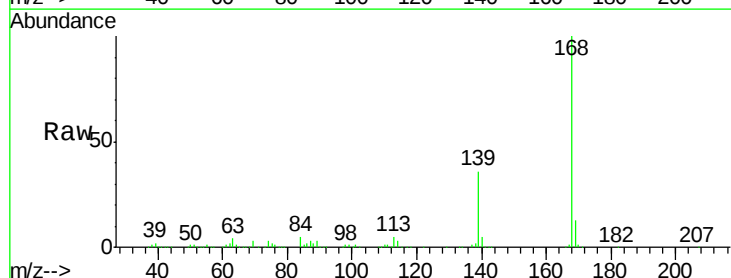


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 154.00 (153.70 to 154.70): E

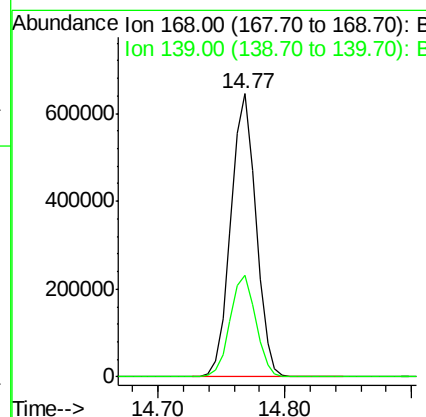
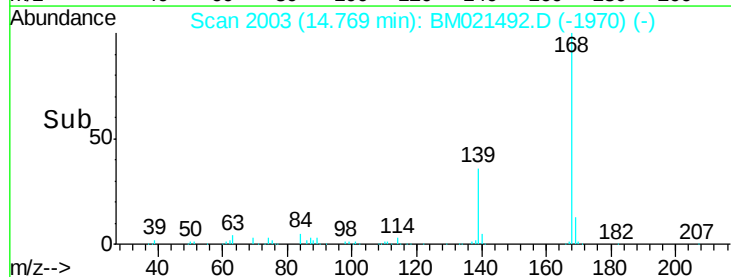


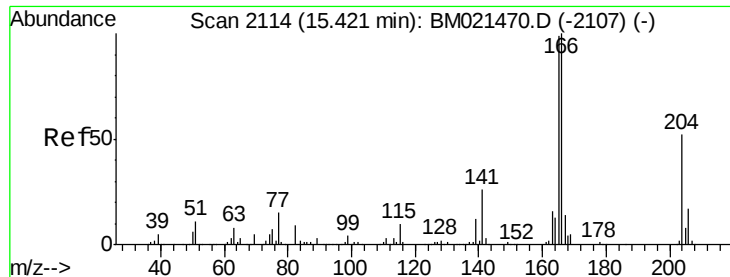
#53
 Dibenzofuran
 Concen: 20.060 ng/ul
 RT: 14.77 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 12:10

Tgt Ion:168 Resp: 882972
 Ion Ratio Lower Upper
 168 100
 139 36.1 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 8.213 ng/ul

RT: 15.42 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

A52T9

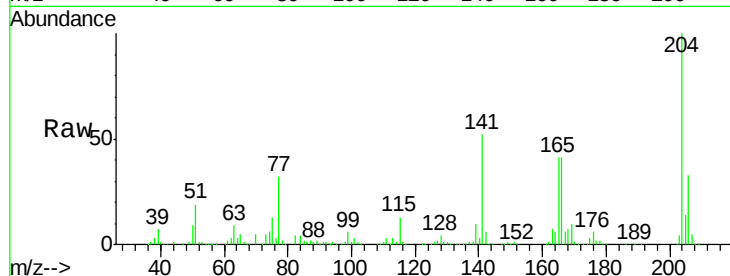
Tgt Ion:166 Resp: 292477

Ion Ratio Lower Upper

166 100

165 100.3 78.6 117.8

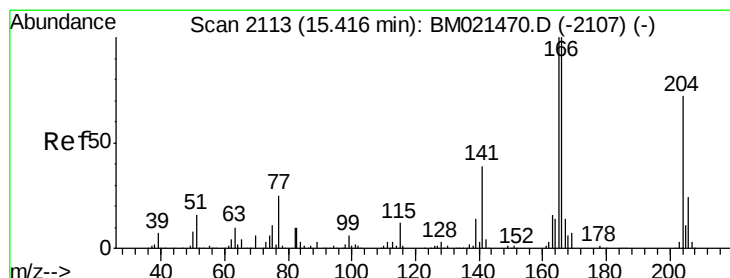
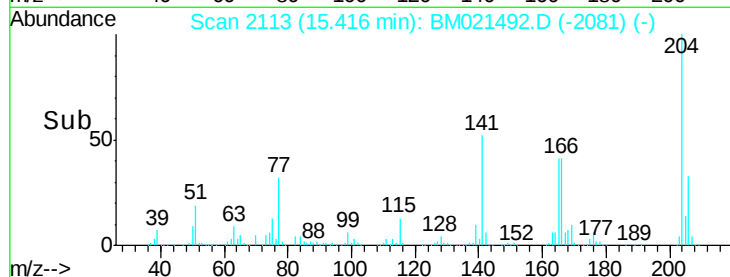
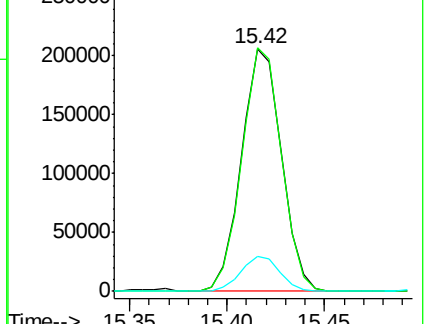
167 14.3 10.7 16.1



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



#59

4-Chlorophenyl-phenylether

Concen: 32.473 ng/ul

RT: 15.42 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

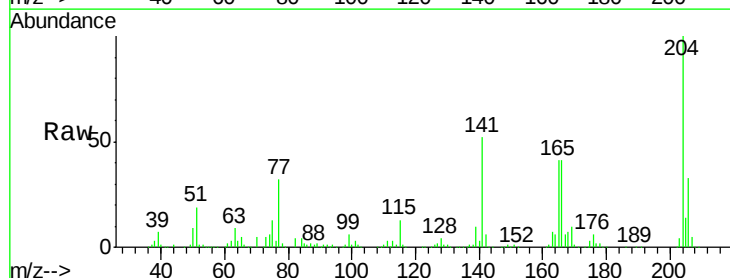
Tgt Ion:204 Resp: 646265

Ion Ratio Lower Upper

204 100

206 33.1 26.0 39.0

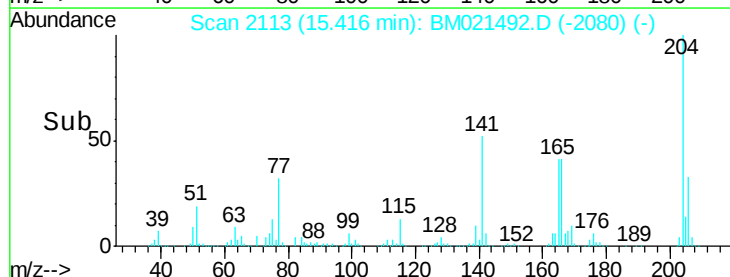
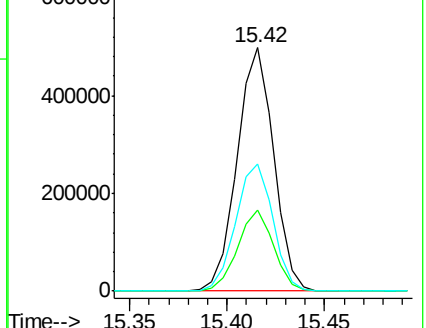
141 52.5 42.3 63.5

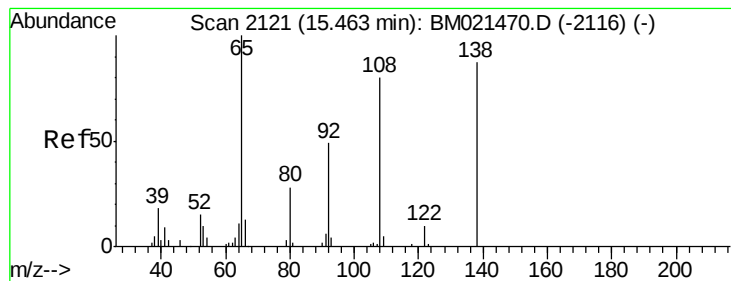


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#60

4-Nitroaniline

Concen: 71.719 ng/ul

RT: 15.47 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

A52T9

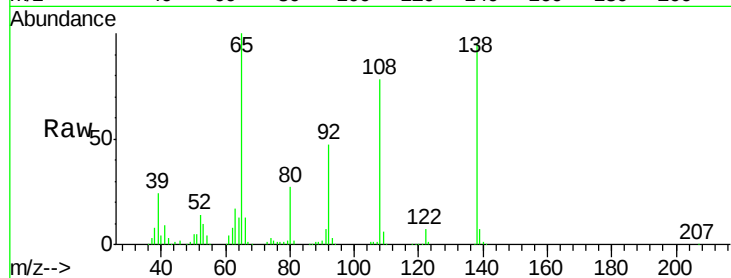
Tgt Ion:138 Resp: 429991

Ion Ratio Lower Upper

138 100

92 50.0 41.3 61.9

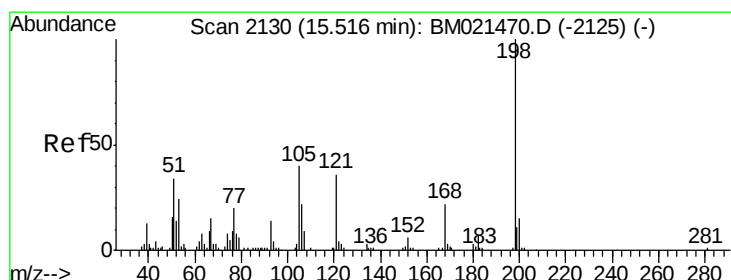
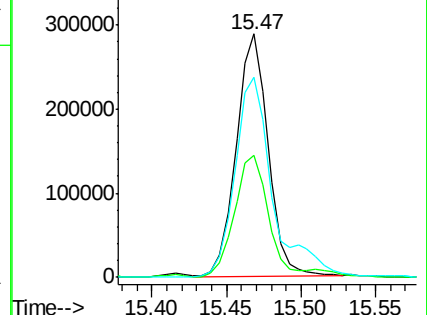
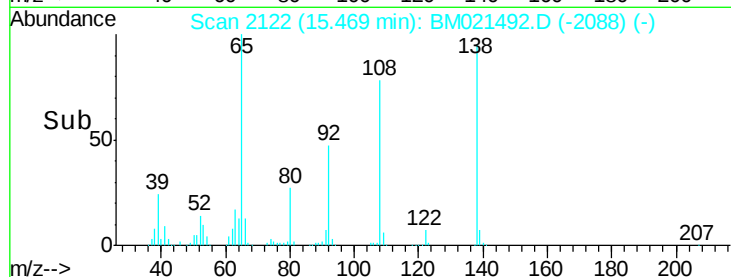
108 82.2 65.0 97.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#63

4,6-Dinitro-2-methylphenol

Concen: 77.348 ng/ul

RT: 15.52 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

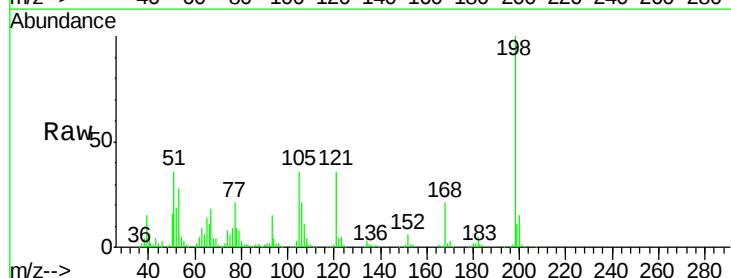
Tgt Ion:198 Resp: 497988

Ion Ratio Lower Upper

198 100

182 4.8 4.7 7.1

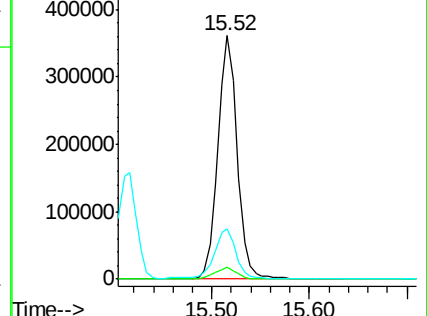
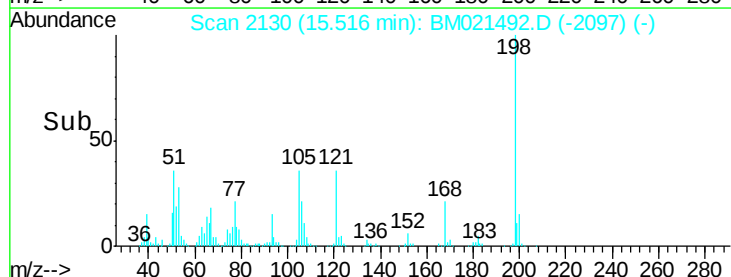
77 20.7 18.1 27.1

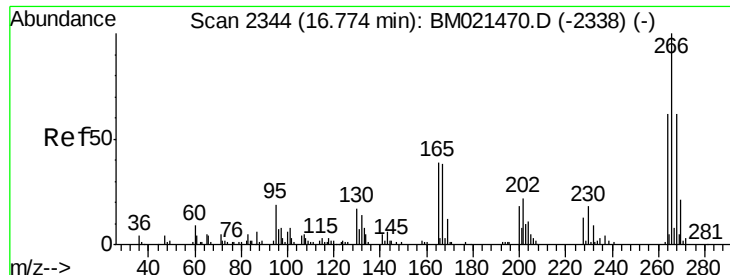


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM0

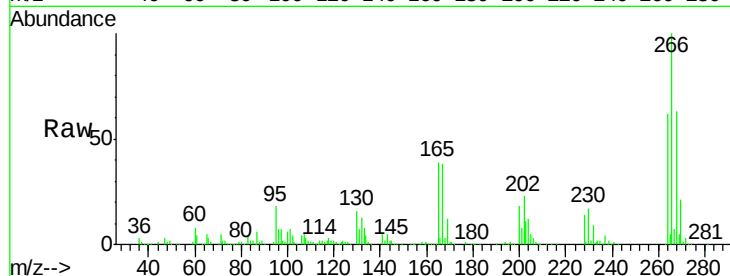




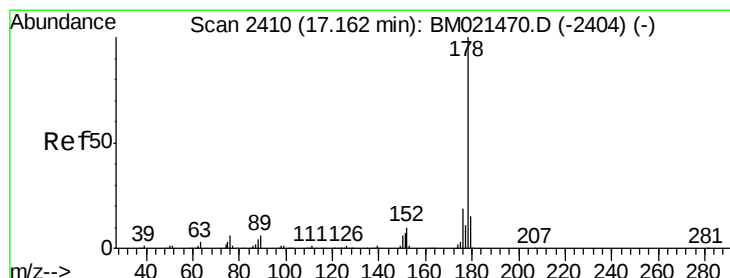
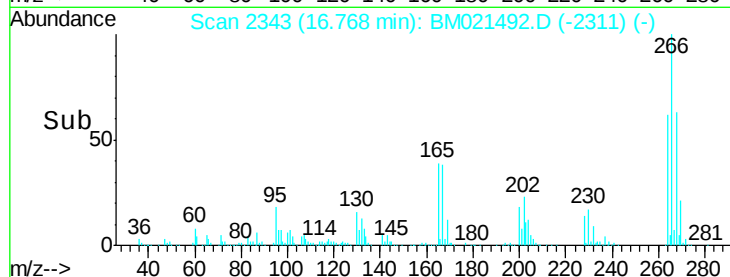
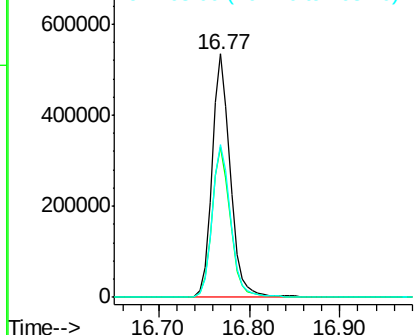
#68
 Pentachlorophenol
 Concen: 100.235 ng/ul
 RT: 16.77 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_M
 ClientSampleId :
 A52T9

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.2	73.8
268	62.9	50.6	76.0

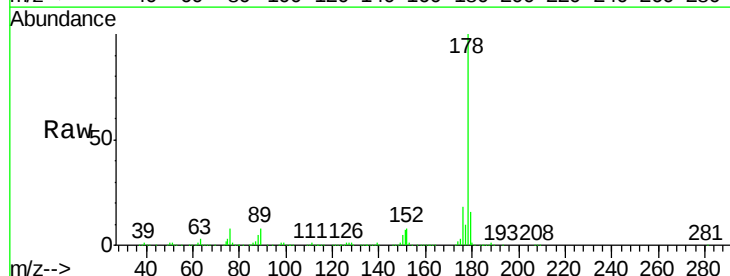


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

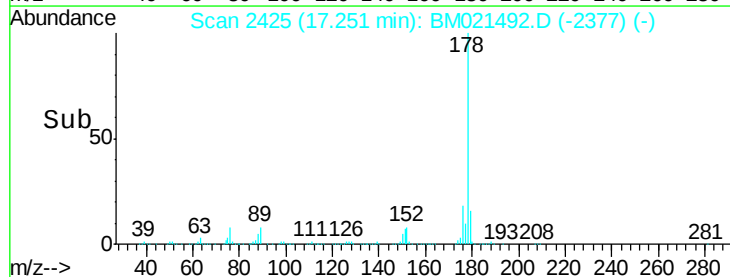
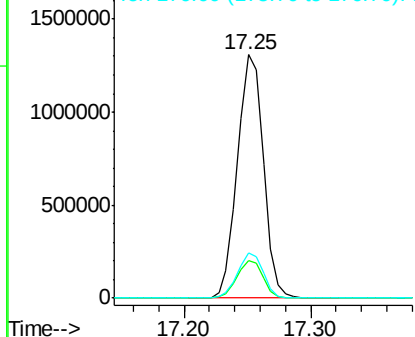


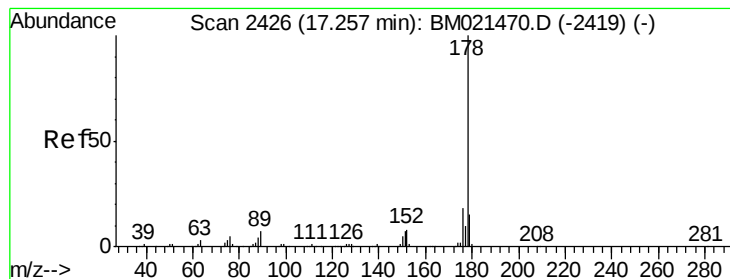
#69
 Phenanthrene
 Concen: 34.249 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. 0.08 min
 Lab File: BM021492.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.3	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





#71

Anthracene

Concen: 33.650 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

A52T9

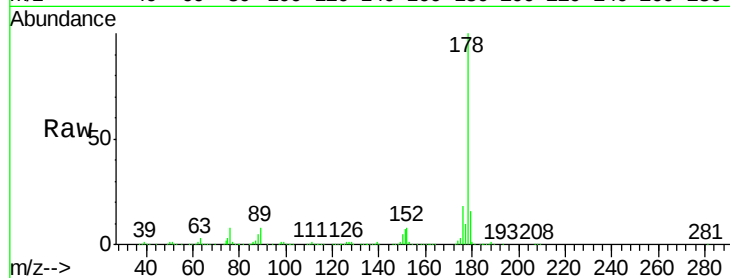
Tgt Ion:178 Resp: 1859163

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

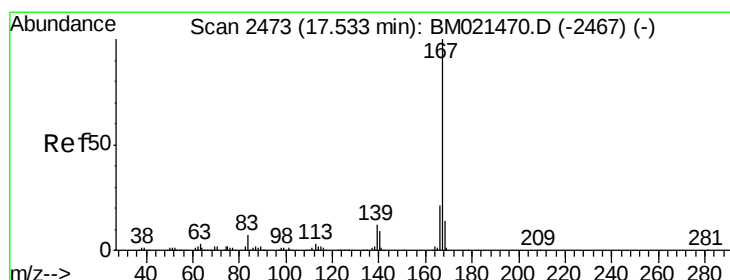
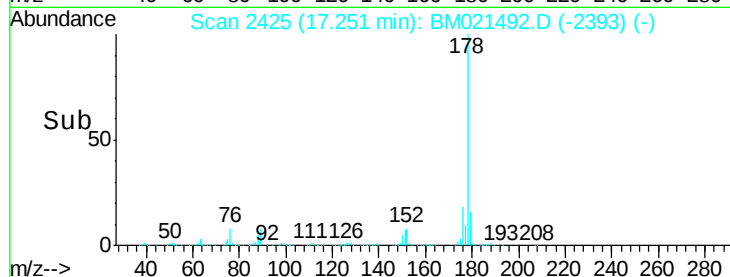
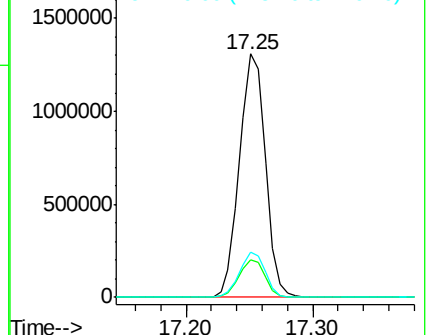
176 18.3 14.9 22.3



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



#74

Carbazole

Concen: 41.448 ng/ul

RT: 17.53 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

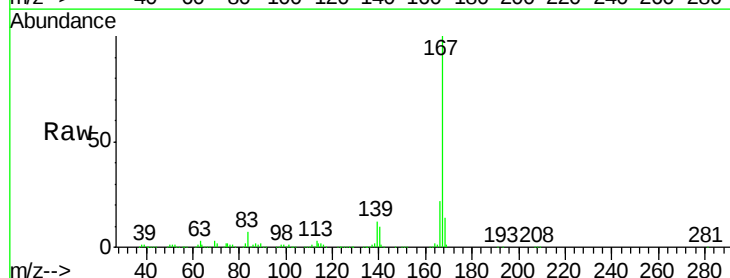
Tgt Ion:167 Resp: 1900741

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

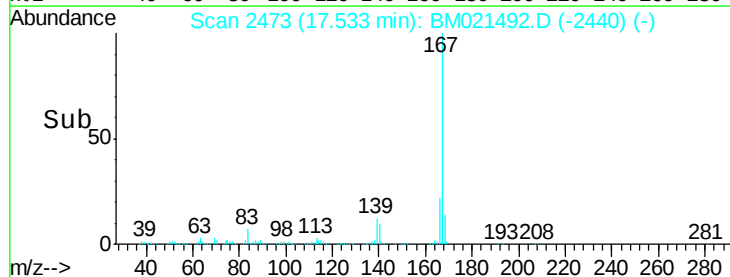
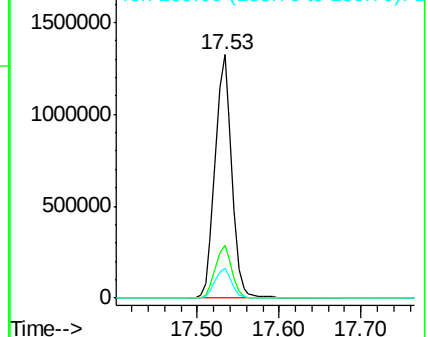
139 12.2 9.7 14.5

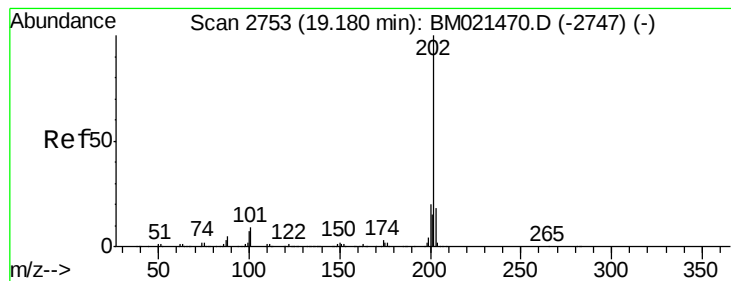


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Fluoranthene

Concen: 19.460 ng/ul

RT: 19.18 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

A52T9

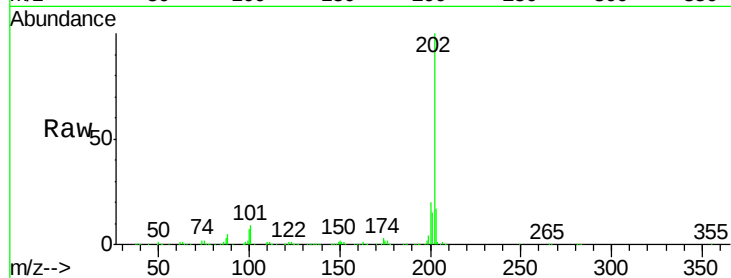
Tgt Ion:202 Resp: 1254324

Ion Ratio Lower Upper

202 100

101 8.8 6.7 10.1

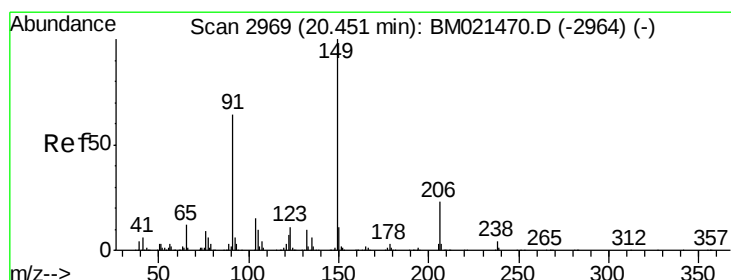
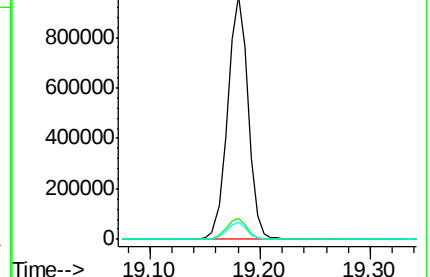
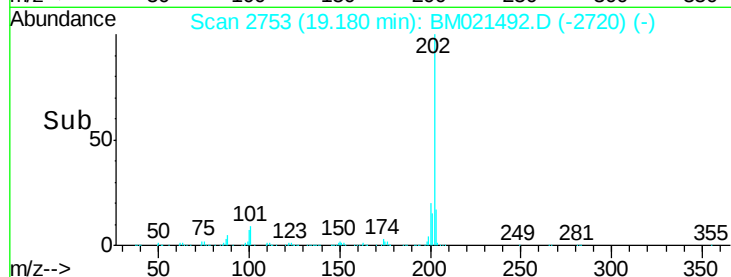
100 6.8 5.3 7.9



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



#80

Butylbenzylphthalate

Concen: 24.497 ng/ul

RT: 20.44 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

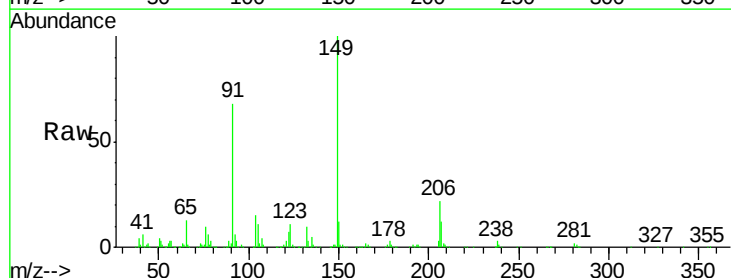
Tgt Ion:149 Resp: 536540

Ion Ratio Lower Upper

149 100

91 67.6 53.9 80.9

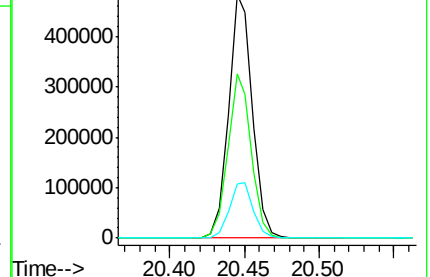
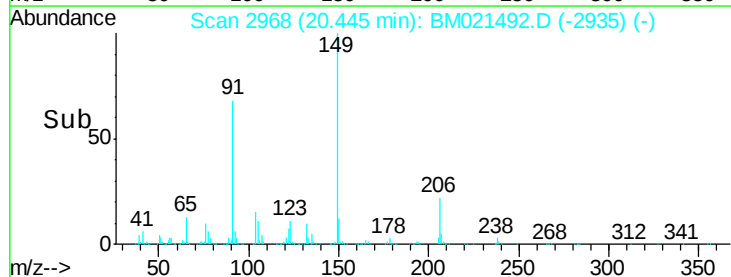
206 22.3 18.0 27.0

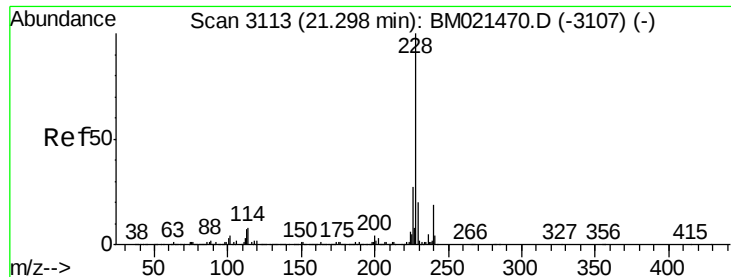


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 33.509 ng/ul

RT: 21.35 min Scan# 3122

Delta R.T. 0.05 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

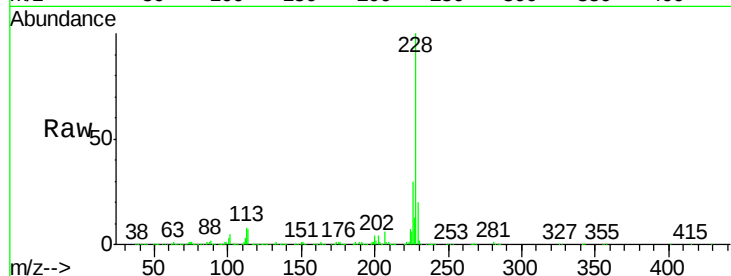
BNA_M

ClientSampleId :

A52T9

Tgt Ion:228 Resp: 2143833

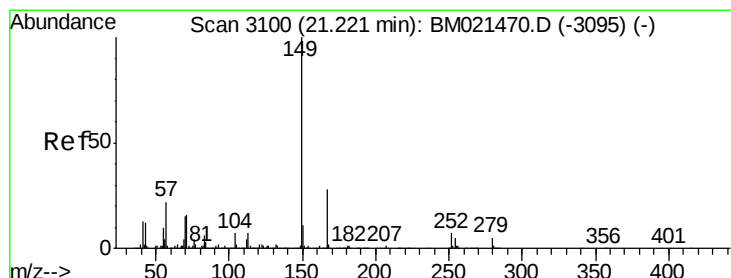
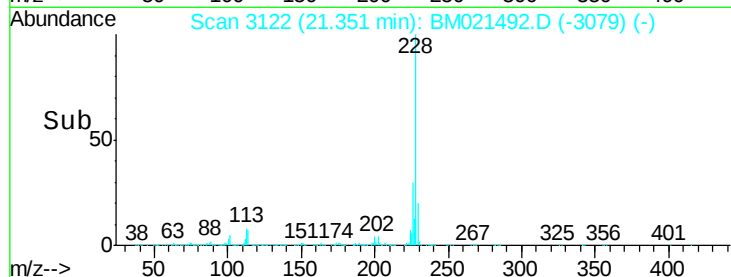
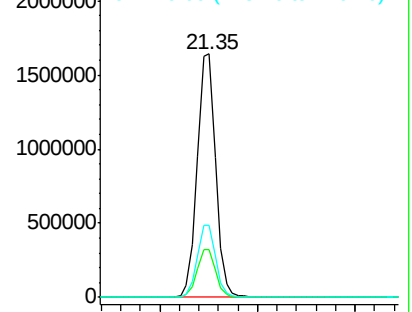
Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	29.9	21.5	32.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 24.529 ng/ul

RT: 21.22 min Scan# 3099

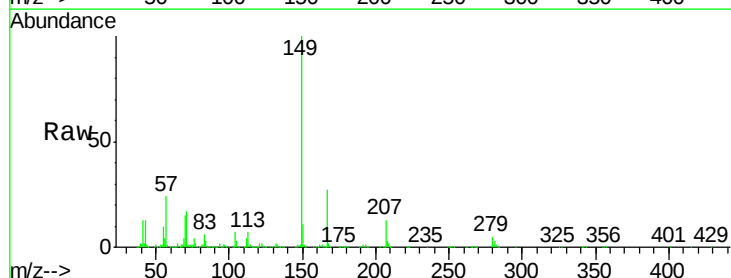
Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Tgt Ion:149 Resp: 790218

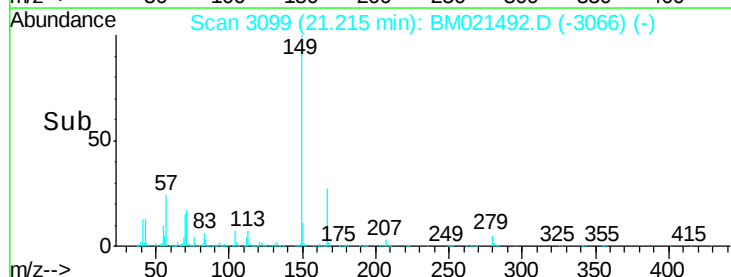
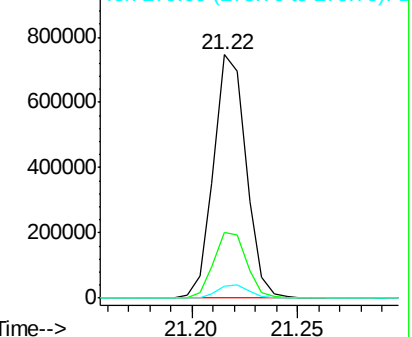
Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.6	33.8
279	4.8	4.0	6.0

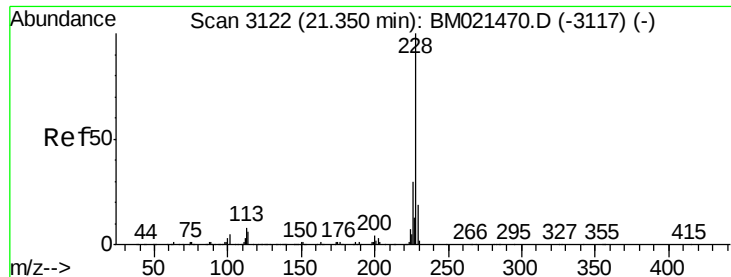


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 35.644 ng/u1

RT: 21.35 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

A52T9

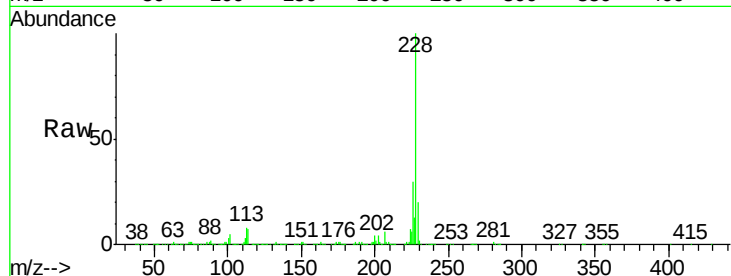
Tgt Ion:228 Resp: 2143833

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

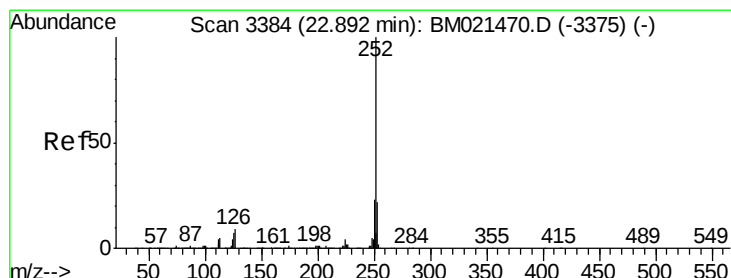
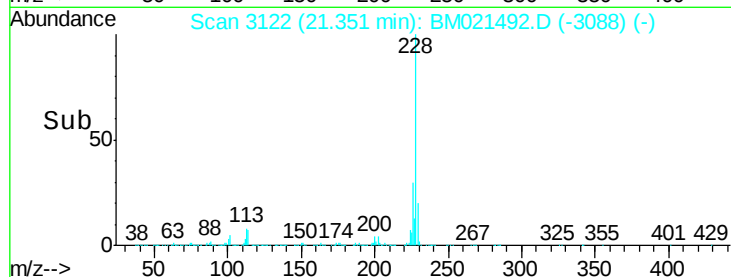
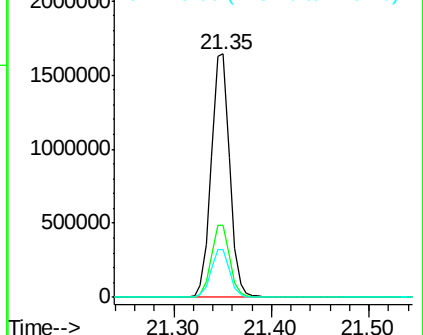
229 19.7 15.4 23.0



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



#87

Benzo(b)fluoranthene

Concen: 42.348 ng/u1

RT: 22.93 min Scan# 3391

Delta R.T. 0.04 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

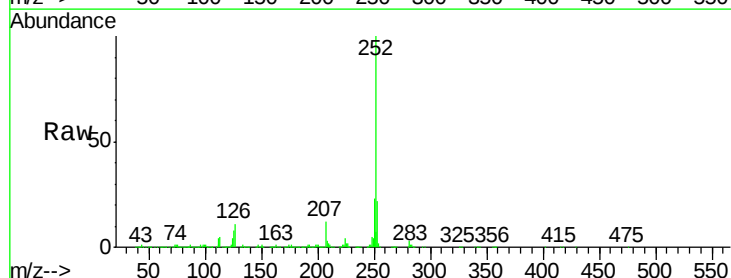
Tgt Ion:252 Resp: 2832376

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

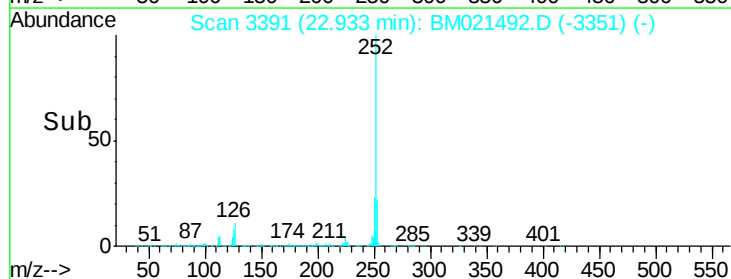
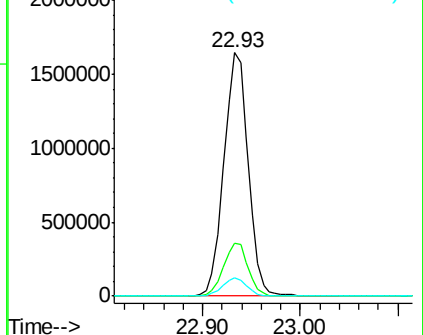
125 7.6 5.9 8.9

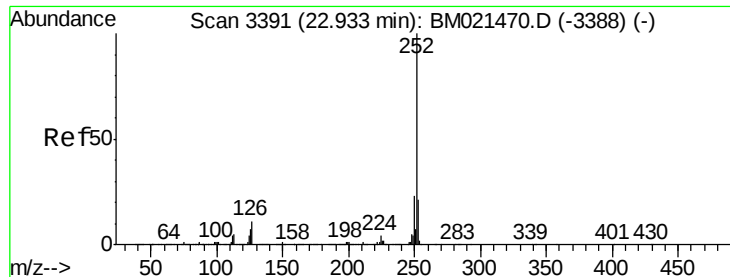


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 42.516 ng/u1

RT: 22.93 min Scan# 3391

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

A52T9

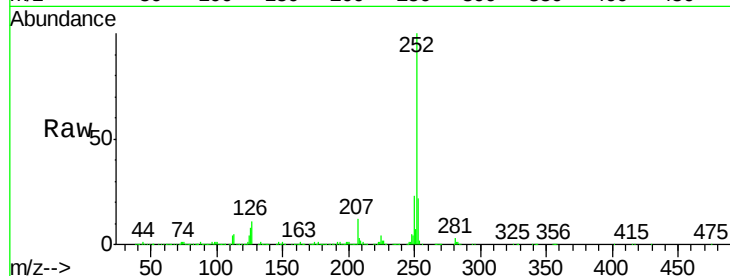
Tgt Ion:252 Resp: 2832376

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

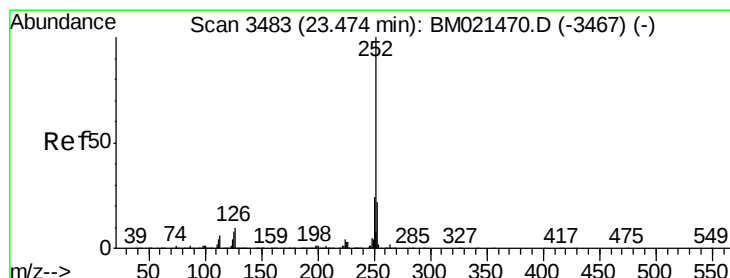
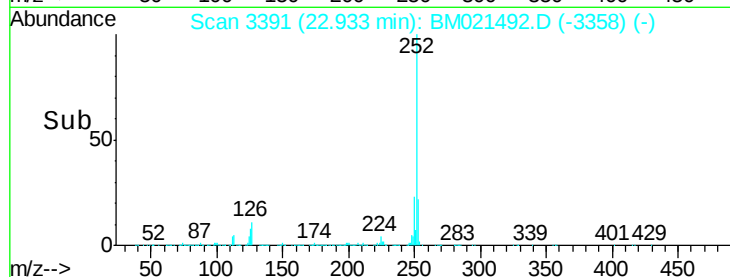
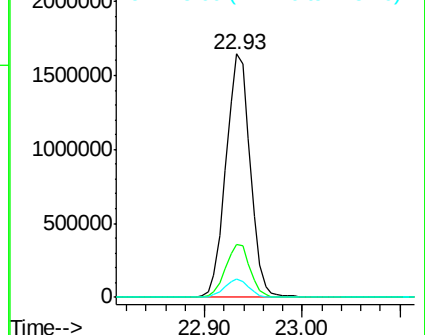
125 7.6 5.8 8.8



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: 42.183 ng/u1

RT: 23.47 min Scan# 3483

Delta R.T. -0.01 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

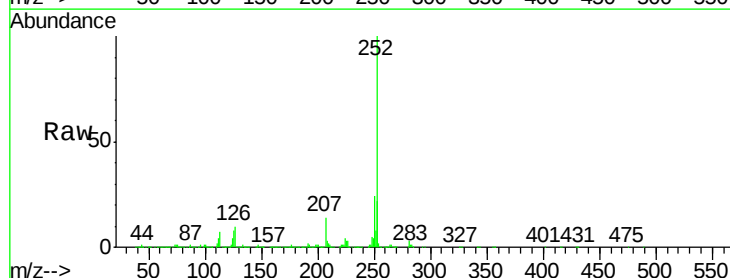
Tgt Ion:252 Resp: 2725115

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

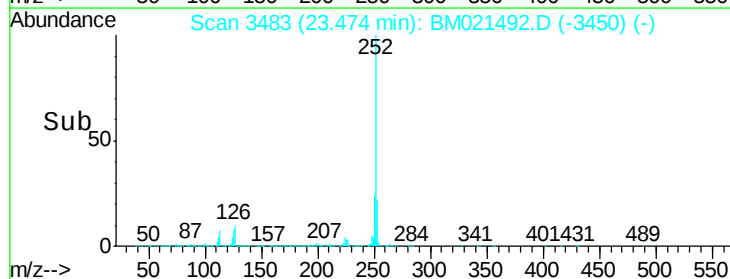
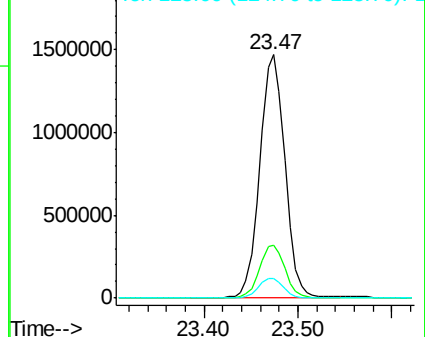
125 7.9 6.9 10.3

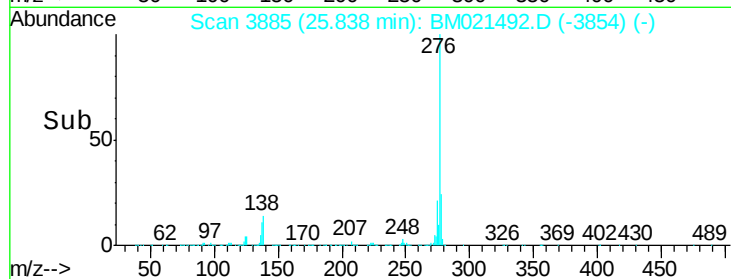
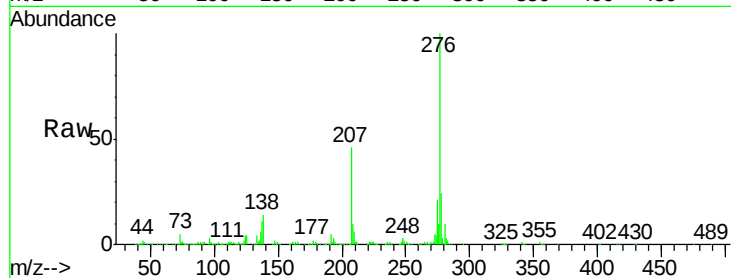
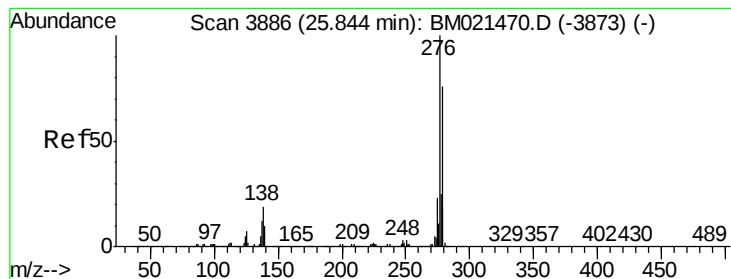


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 15.848 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.02 min

Lab File: BM021492.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_M

ClientSampleId :

A52T9

Tgt Ion:276 Resp: 1264680

Ion Ratio Lower Upper

276 100

138 14.5 14.8 22.2#

277 24.0 20.0 30.0

