

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021523.D
 Acq On : 18 Jul 2019 14:34
 Operator : HP/JU
 Sample : K3760-21
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8W6

Quant Time: Jul 18 15:12:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 02:48:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	196079	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	833849	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	494212	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1082082	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	886158	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	948823	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.26	96	15561	3.91	ng/uL	0.00
5) Phenol-d5	6.90	99	399606	26.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	226628	25.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	330891	25.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	319810	26.34	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	168315	24.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	190136	24.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	398214	25.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	399343	28.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1223162	28.26	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1395228	25.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	151209	22.05	ng/ul	0.00
57) Fluorene-d10	15.36	176	1039466	26.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	143510	19.73	ng/ul	0.00
70) Anthracene-d10	17.22	188	1552114	27.62	ng/ul	0.00
78) Pyrene-d10	19.52	212	1560843	32.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	1567028	28.72	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.29	88	80057	19.136	ng/uL	97
4) Benzaldehyde	6.88	77	356451	43.306	ng/ul	98
6) Phenol	6.92	94	531505	36.422	ng/ul	99
10) 2-Chlorophenol	7.29	128	282722	22.418	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	272477	29.708	ng/ul	96
20) Nitrobenzene	8.93	77	317155	20.615	ng/ul	98
23) 2-Nitrophenol	9.63	139	174589	22.573	ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	334770	23.626	ng/ul	99
28) Naphthalene	10.55	128	697486	16.073	ng/ul	99
31) Hexachlorobutadiene	10.82	225	235759	22.514	ng/ul	99
33) 4-Chloro-3-methylphenol	11.80	107	550499	41.739	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	362917	18.882	ng/ul	100
38) 2,4,6-Trichlorophenol	12.79	196	394657	34.503	ng/ul	96
40) 1,1'-Biphenyl	13.19	154	1096174	26.501	ng/ul	99
41) 2-Chloronaphthalene	13.23	162	525599	15.856	ng/ul	98
44) Dimethylphthalate	13.83	163	1147427	28.469	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	180045	24.531	ng/ul	99
49) Acenaphthene	14.43	153	741788	21.591	ng/ul	100
52) 4-Nitrophenol	14.60	109	113833	22.280	ng/ul	97
53) Dibenzofuran	14.76	168	883112	17.744	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.00	232	241985	22.395	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.41	204	360762	16.032	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.51	198	274832	37.978	ng/ul	100

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

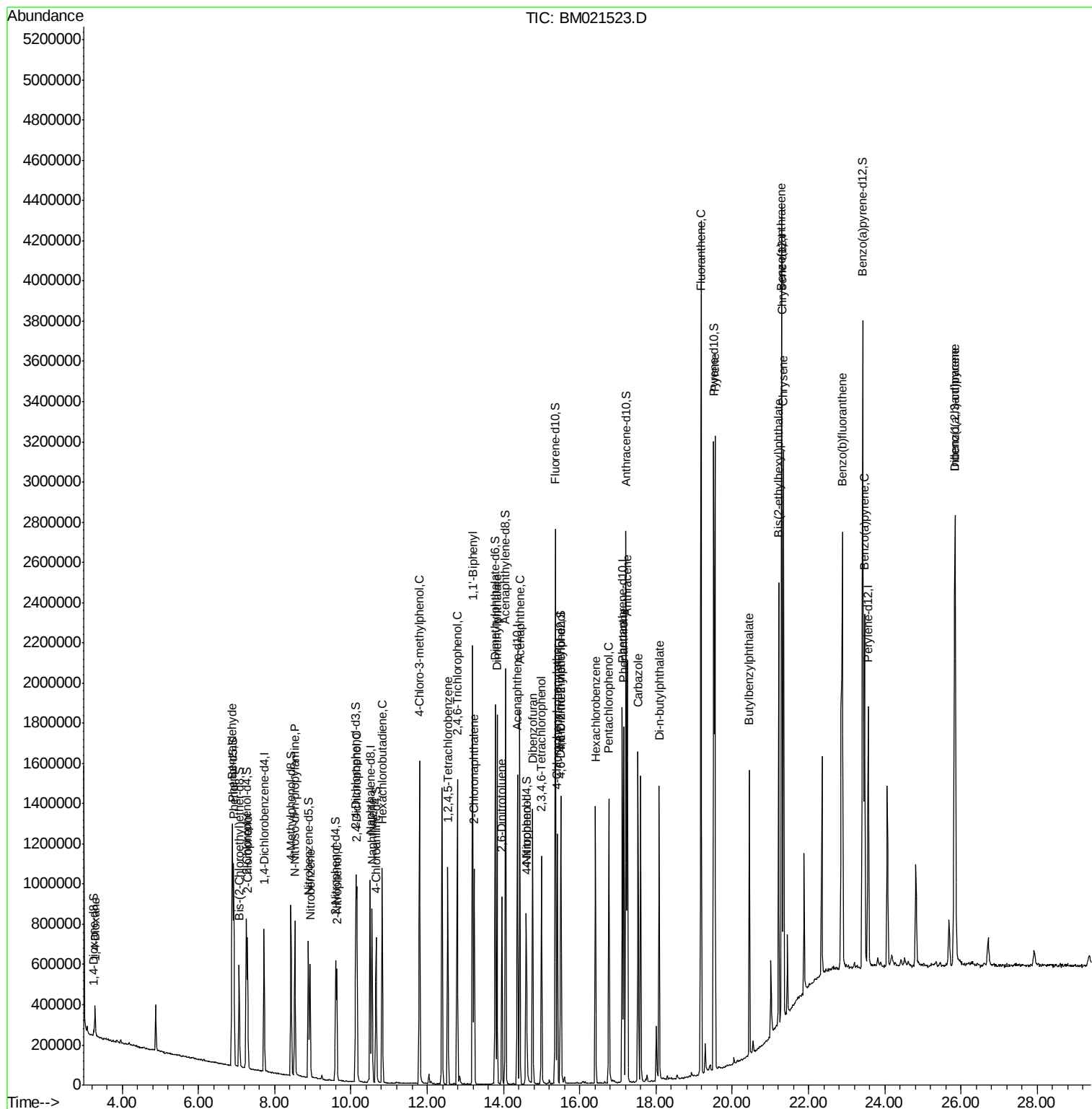
66) Hexachlorobenzene	16.42	284	311138	19.547	ng/ul	99
68) Pentachlorophenol	16.77	266	286604	34.159	ng/ul	98
69) Phenanthrene	17.16	178	1087503	17.824	ng/ul	99
71) Anthracene	17.25	178	1256645	20.236	ng/ul	99
74) Carbazole	17.53	167	1038873	20.155	ng/ul	99
75) Di-n-butylphthalate	18.08	149	1062368	17.990	ng/ul	99
76) Fluoranthene	19.18	202	2642394	36.472	ng/ul	99
79) Pyrene	19.54	202	1847499	31.502	ng/ul	99
80) Butylbenzylphthalate	20.44	149	386777	18.617	ng/ul	98
82) Benzo(a)anthracene	21.29	228	2087434	34.397	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	702563	22.991	ng/ul	99
84) Chrysene	21.34	228	1408076	24.681	ng/ul	100
87) Benzo(b)fluoranthene	22.89	252	1510896	25.553	ng/ul	100
90) Benzo(a)pyrene	23.47	252	1326055	23.219	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.84	276	1879230	26.638	ng/ul	100
92) Dibenzo(a,h)anthracene	25.84	278	1231768	20.770	ng/ul	100

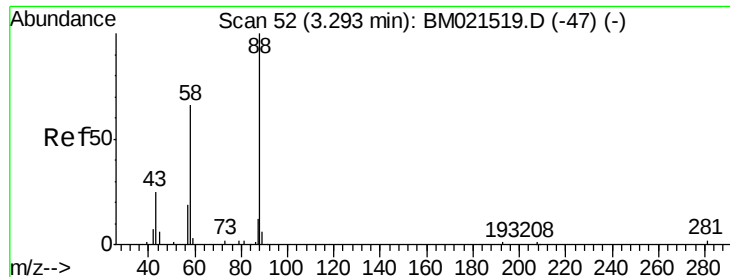
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 19.136 ng/uL

RT: 3.29 min Scan# 51

Delta R.T. -0.01 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

Instrument :

BNA_M

ClientSampleId :

DB8W6

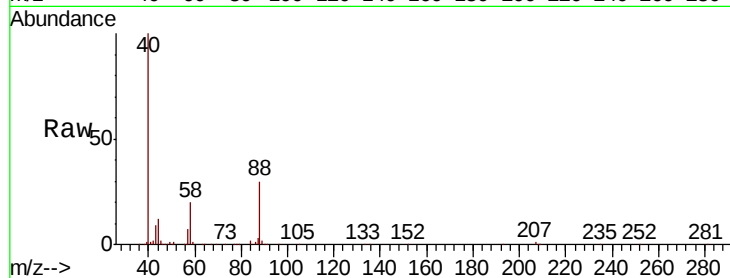
Tot Ion: 88 Resp: 80057

Ion Ratio Lower Upper

88 100

43 30.1 23.4 35.2

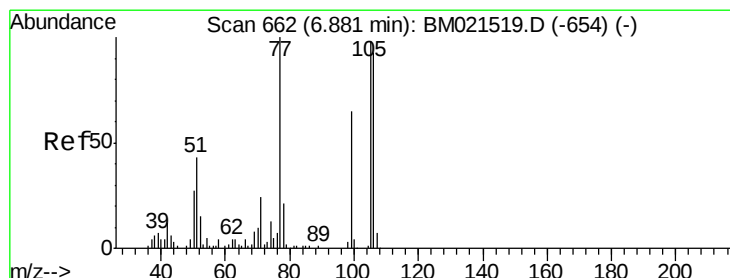
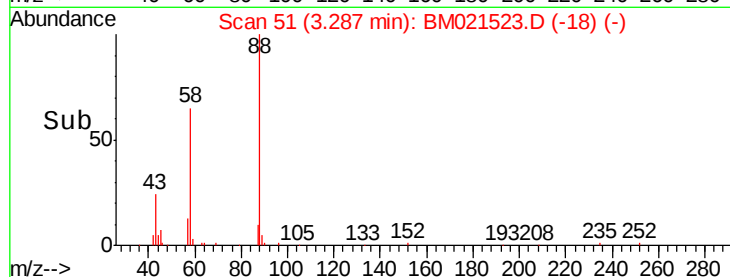
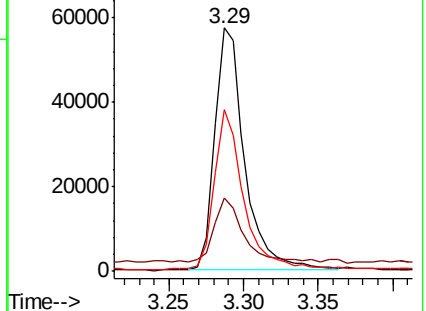
58 66.6 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): BM021519.D (-47) (-)

Ion 43.00 (42.70 to 43.70): BM021519.D (-47) (-)

Ion 58.00 (57.70 to 58.70): BM021519.D (-47) (-)



#4

Benzaldehyde

Concen: 43.306 ng/uL

RT: 6.88 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

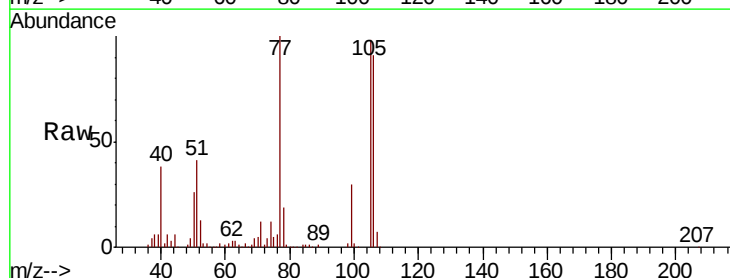
Tgt Ion: 77 Resp: 356451

Ion Ratio Lower Upper

77 100

105 97.6 76.8 115.2

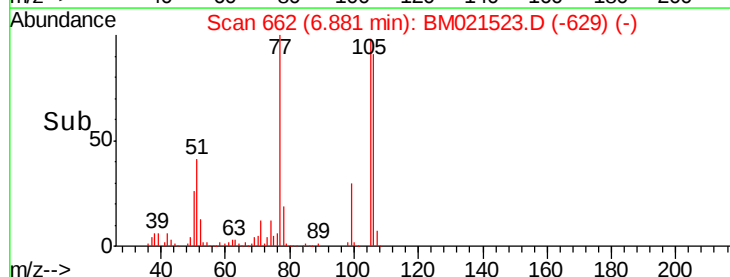
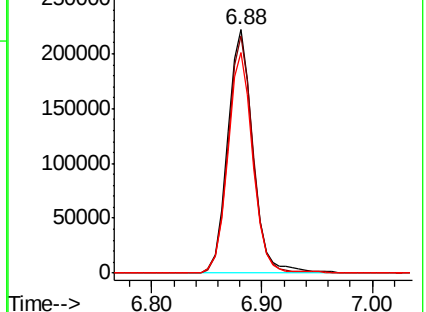
106 90.7 71.4 107.2

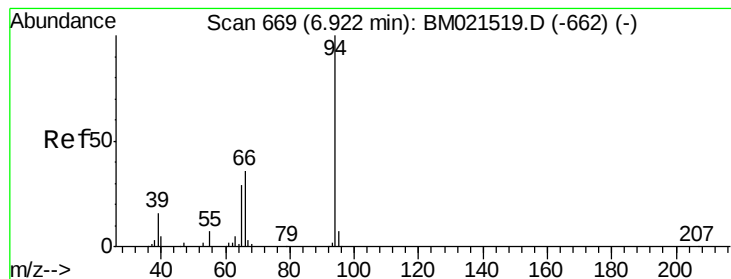


Abundance Ion 77.00 (76.70 to 77.70): BM021519.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM021519.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM021519.D (-654) (-)





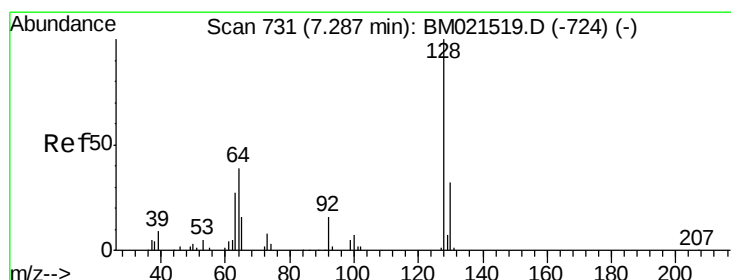
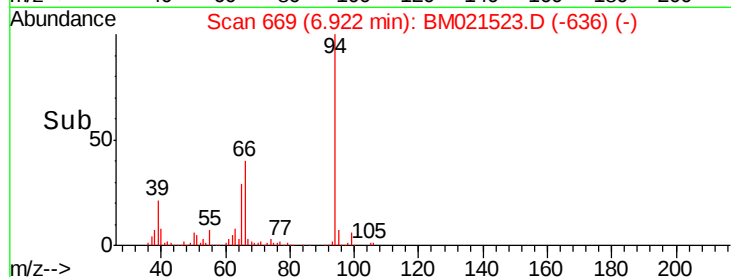
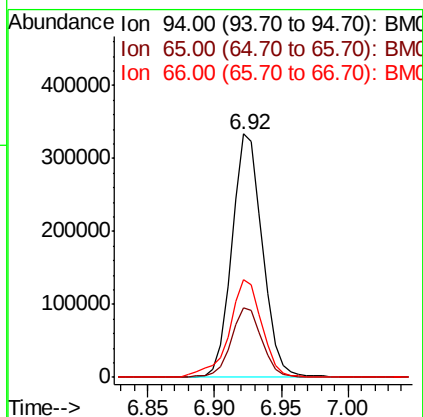
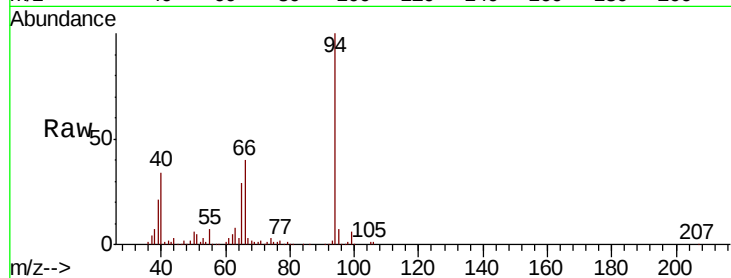
#6

Phenol

Concen: 36.422 ng/ul
 RT: 6.92 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

Instrument :
 BNA_M
 ClientSampled :
 DB8W6

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.5	23.0	34.6
66	40.0	31.6	47.4

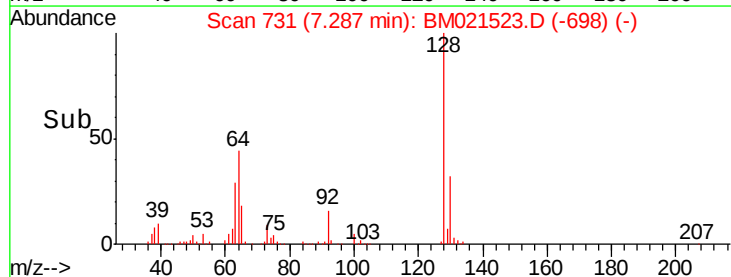
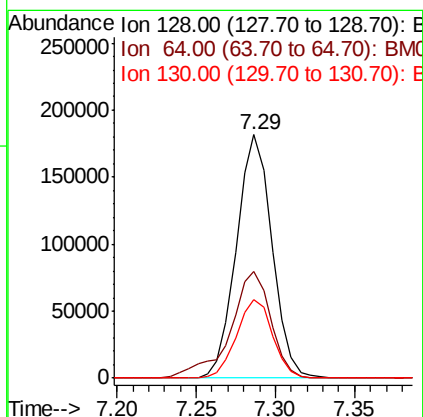
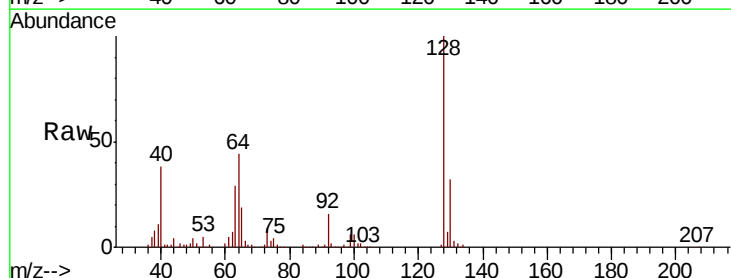


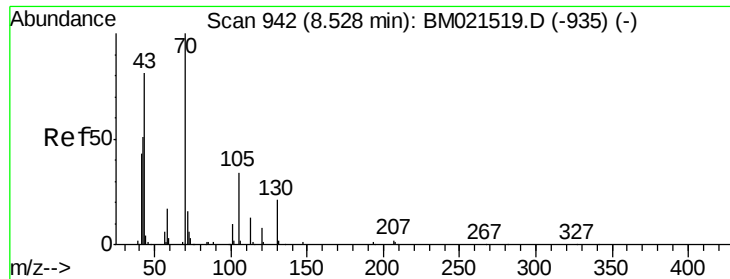
#10

2-Chlorophenol

Concen: 22.418 ng/ul
 RT: 7.29 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
128	100		
64	44.1	34.4	51.6
130	32.2	26.9	40.3

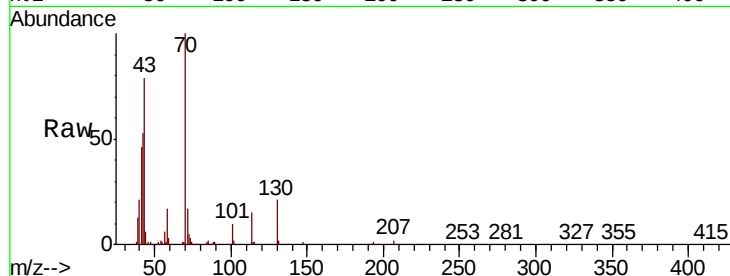




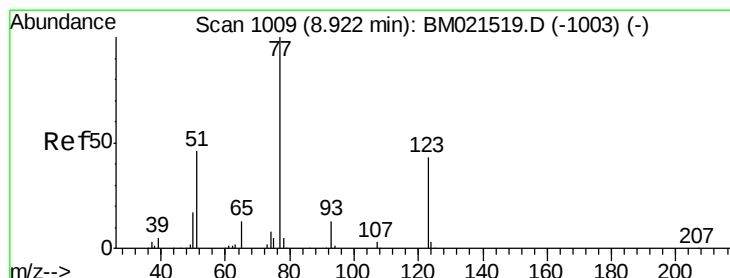
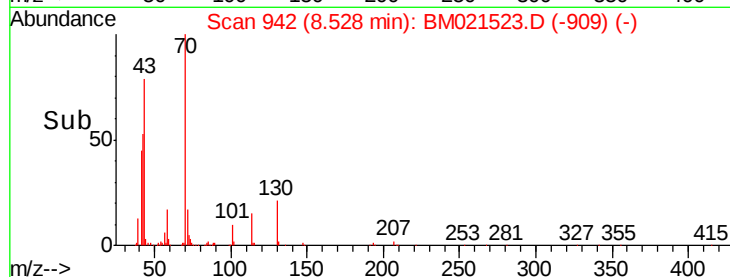
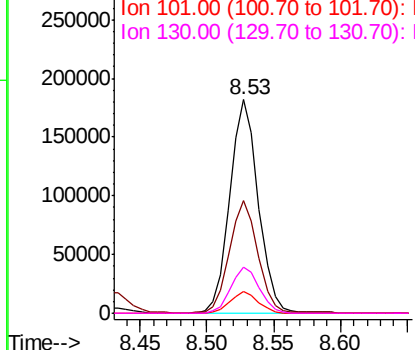
#15
N-Nitroso-di-n-propylamine
Concen: 29.708 ng/ul
RT: 8.53 min Scan# 942
Delta R.T. -0.01 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

Instrument :
BNA_M
ClientSampleId :
DB8W6

Tot Ion:	70	Resp:	272477
Ion	Ratio	Lower	Upper
70	100		
42	53.0	39.9	59.9
101	10.0	7.6	11.4
130	21.3	18.5	27.7

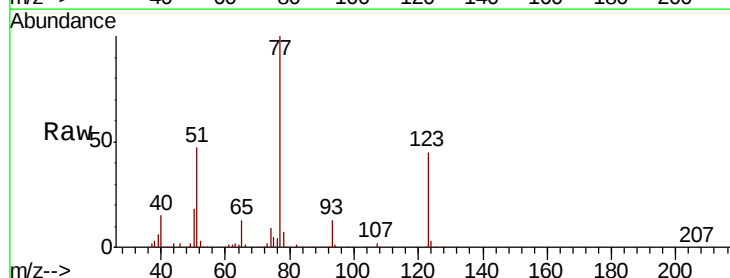


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

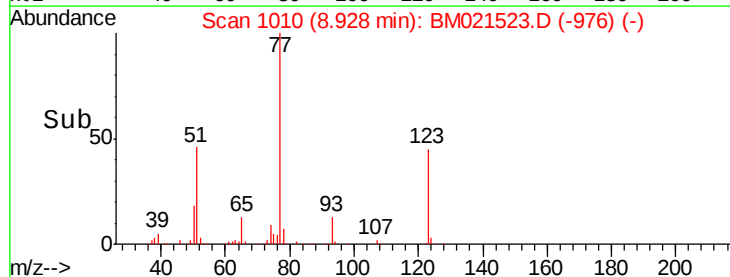
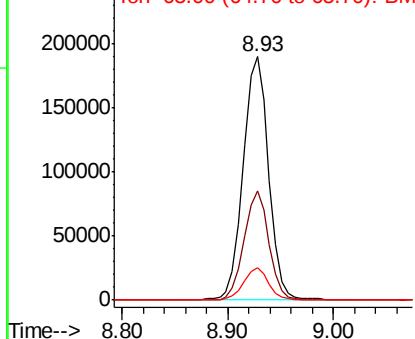


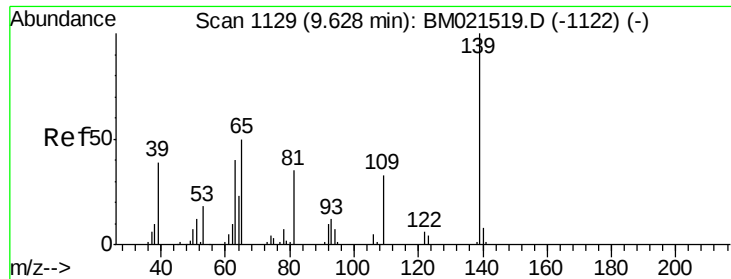
#20
Nitrobenzene
Concen: 20.615 ng/ul
RT: 8.93 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

Tgt Ion:	77	Resp:	317155
Ion	Ratio	Lower	Upper
77	100		
123	44.8	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

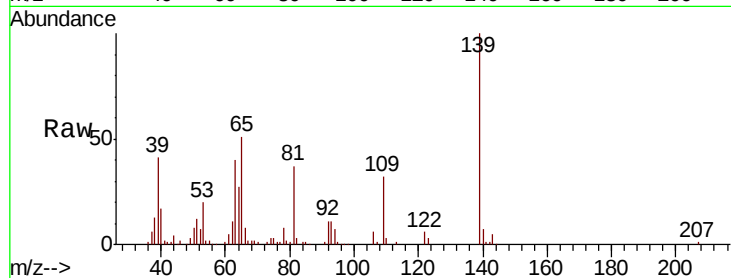




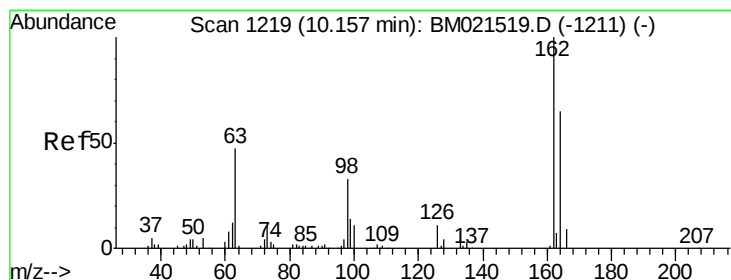
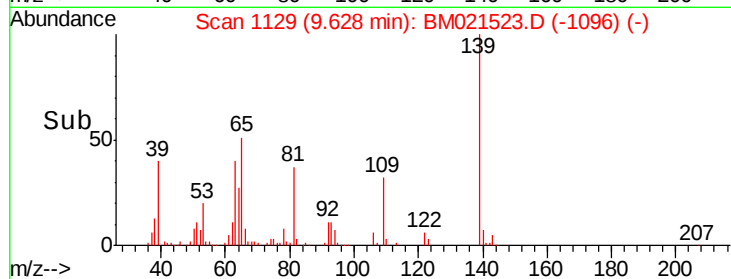
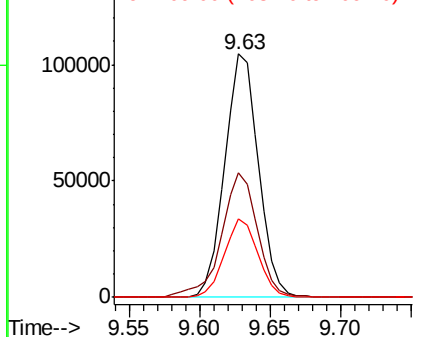
#23
 2-Nitrophenol
 Concen: 22.573 ng/ul
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

Instrument :
 BNA_M
 ClientSampled :
 DB8W6

Tot Ion	Ratio	Lower	Upper
139	100		
65	51.1	40.2	60.4
109	32.0	23.2	34.8

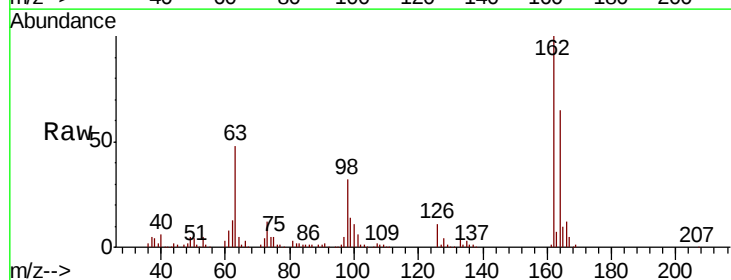


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM
 Ion 109.00 (108.70 to 109.70): E

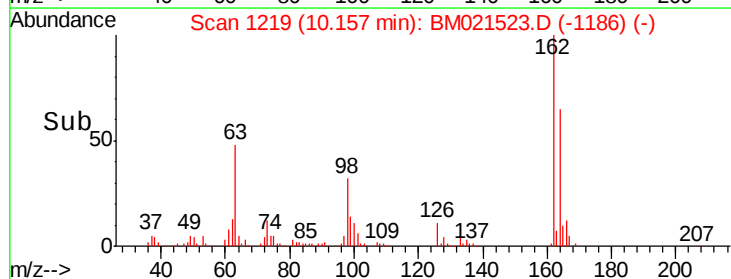
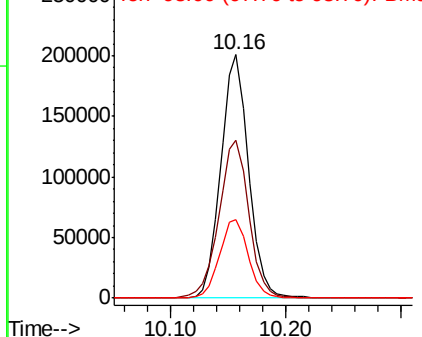


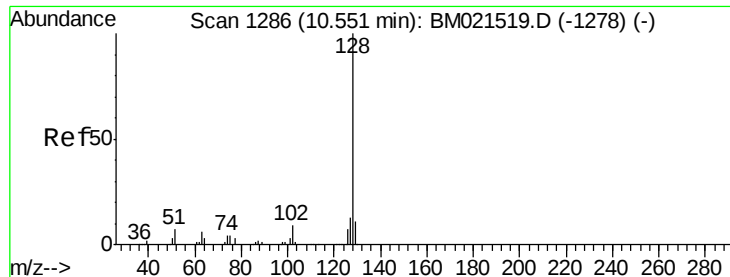
#27
 2,4-Dichlorophenol
 Concen: 23.626 ng/ul
 RT: 10.16 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	52.6	78.8
98	32.2	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): BM





#28

Naphthalene

Concen: 16.073 ng/ul

RT: 10.55 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

Instrument :

BNA_M

ClientSampled :

DB8W6

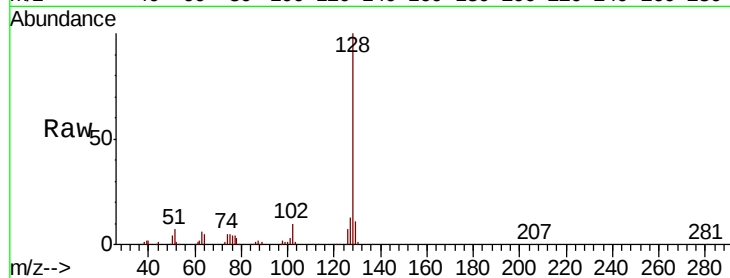
Tot Ion:128 Resp: 697486

Ion Ratio Lower Upper

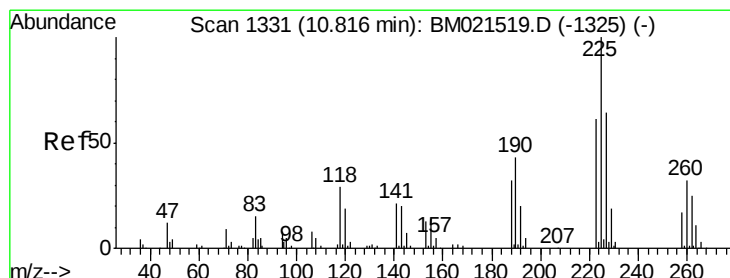
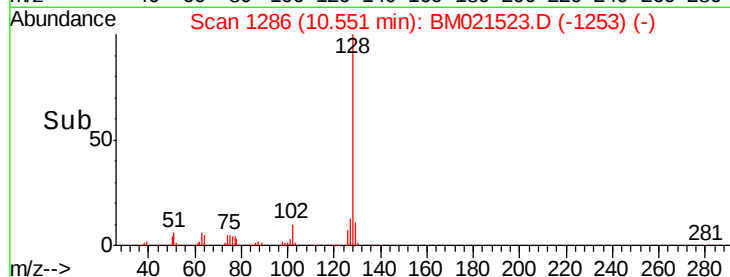
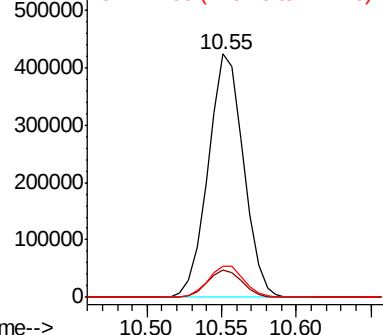
128 100

129 11.0 8.7 13.1

127 12.9 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



#31

Hexachlorobutadiene

Concen: 22.514 ng/ul

RT: 10.82 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

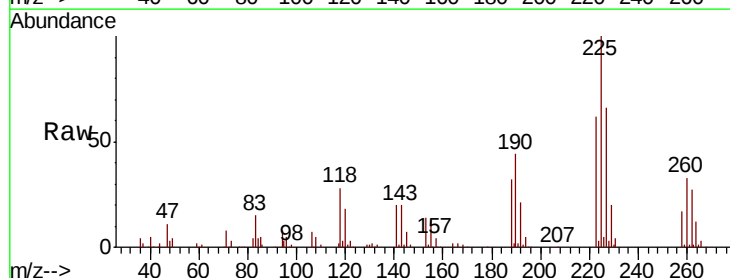
Tgt Ion:225 Resp: 235759

Ion Ratio Lower Upper

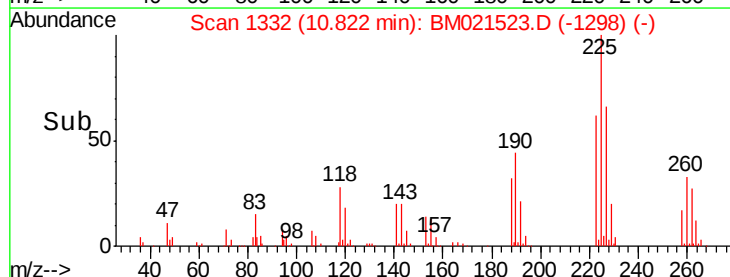
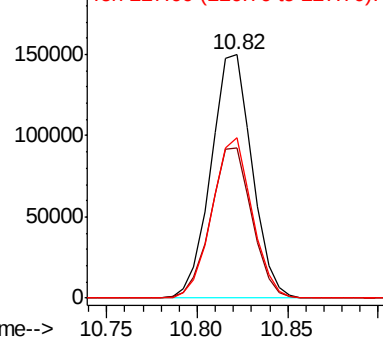
225 100

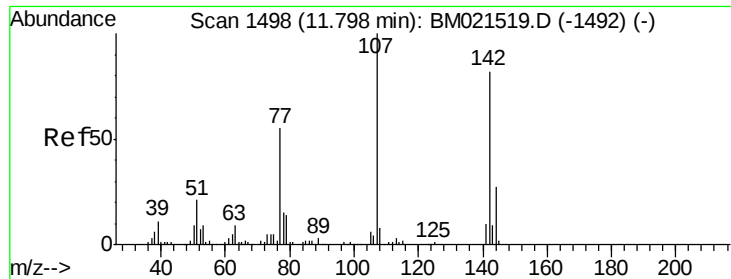
223 61.9 49.9 74.9

227 65.8 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

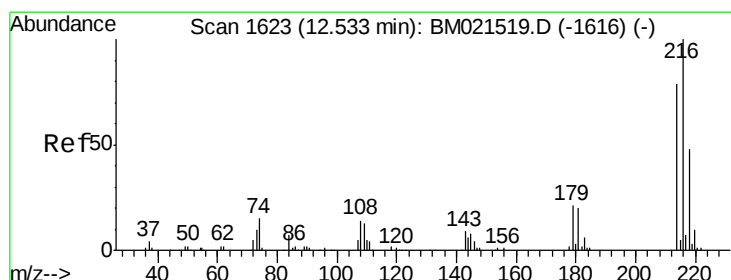
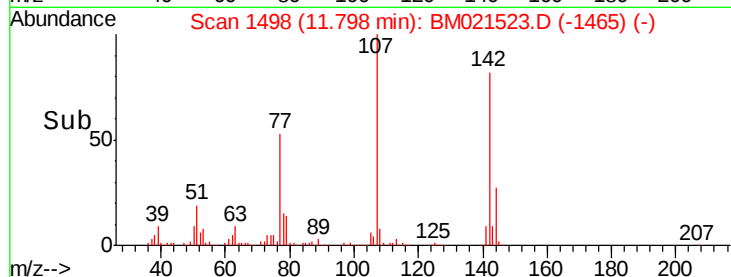
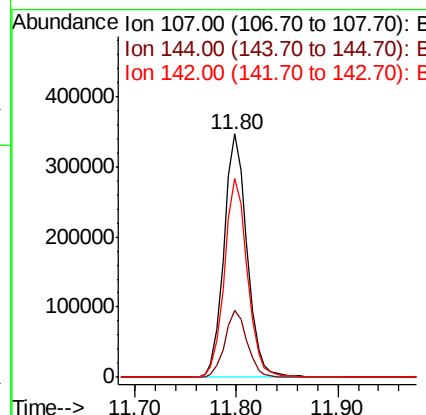
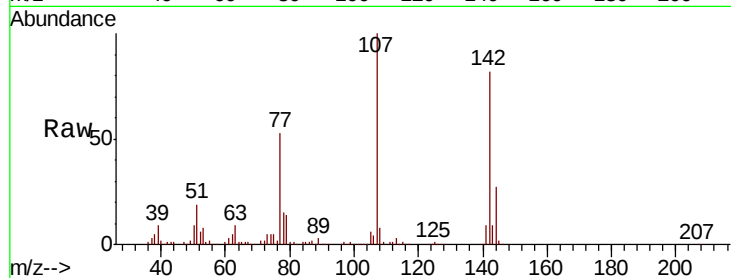




#33
4-Chloro-3-methylphenol
Concen: 41.739 ng/ul
RT: 11.80 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

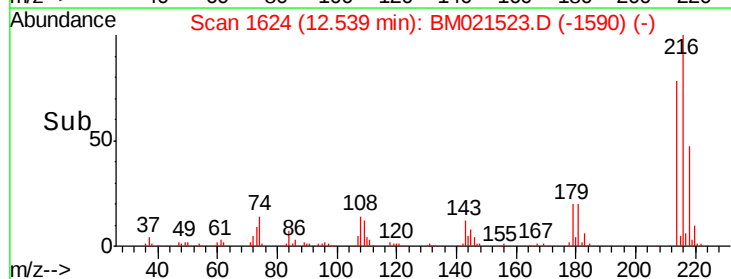
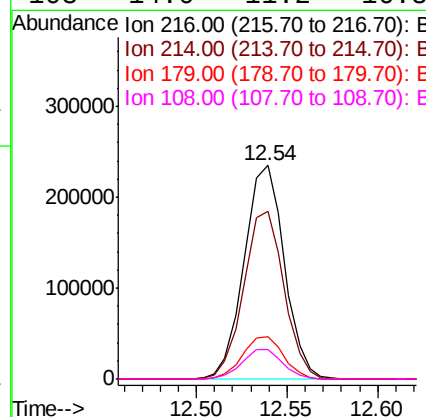
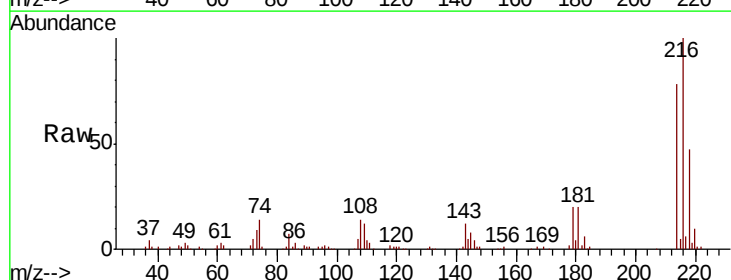
Instrument :
BNA_M
ClientSampleID :
DB8W6

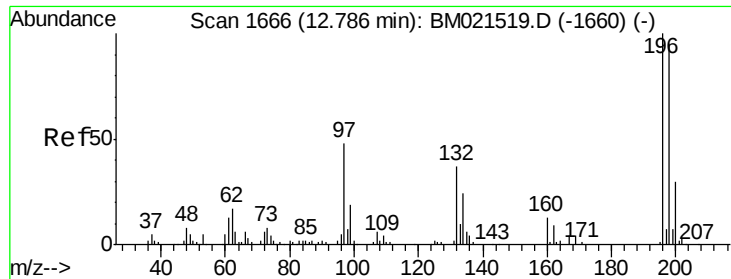
Tot Ion:107 Resp: 550499
Ion Ratio Lower Upper
107 100
144 27.4 21.4 32.2
142 81.7 64.7 97.1



#36
1,2,4,5-Tetrachlorobenzene
Concen: 18.882 ng/ul
RT: 12.54 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

Tgt Ion:216 Resp: 362917
Ion Ratio Lower Upper
216 100
214 78.4 62.9 94.3
179 19.9 16.2 24.2
108 14.0 11.2 16.8

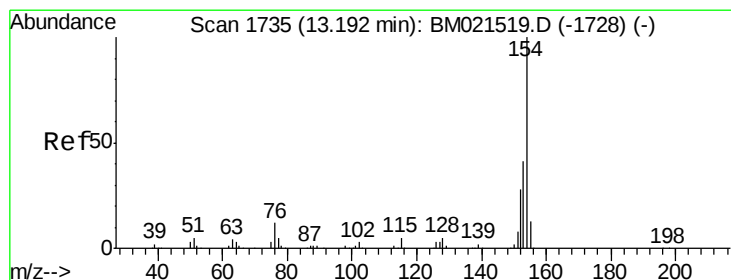
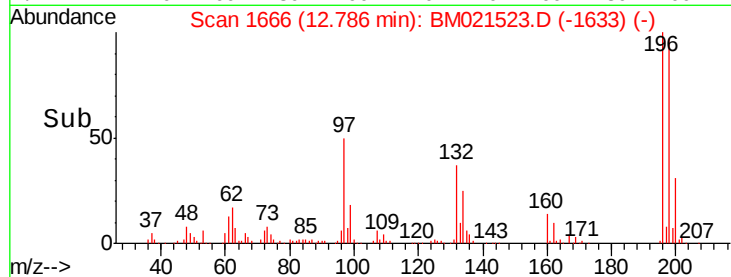
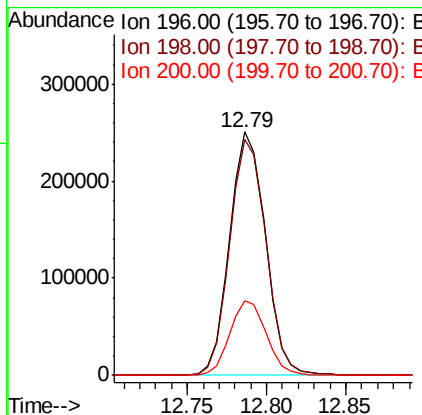
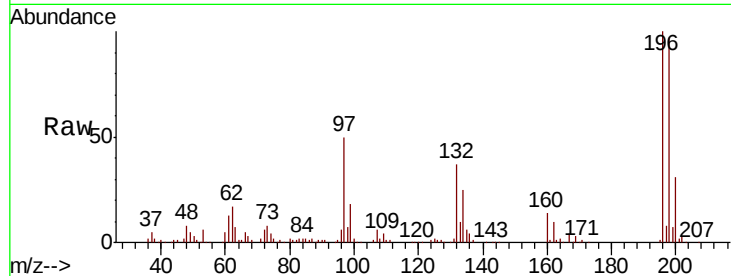




#38
 2,4,6-Trichlorophenol
 Concen: 34.503 ng/ul
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

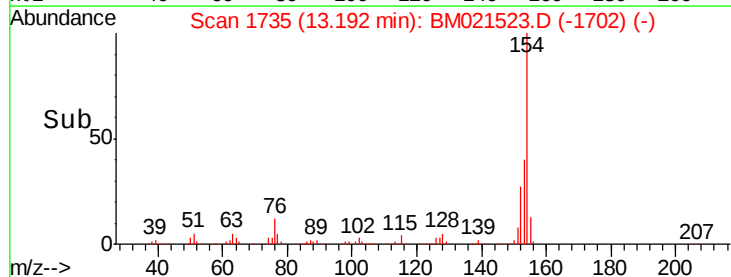
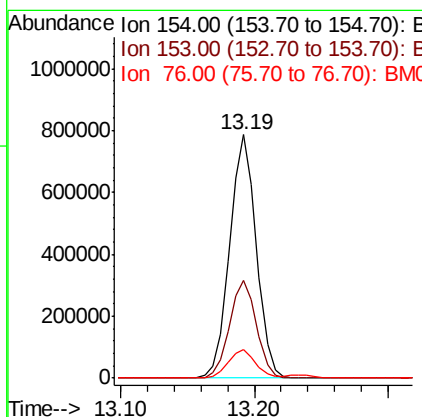
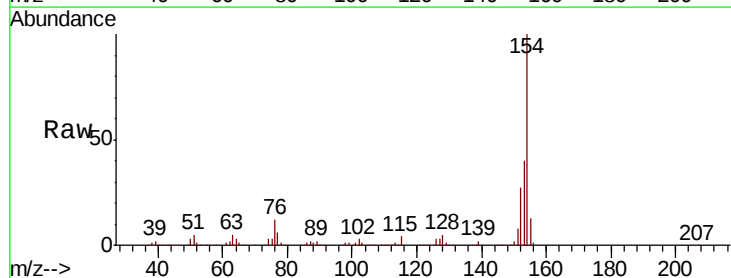
Instrument :
 BNA_M
 ClientSampleId :
 DB8W6

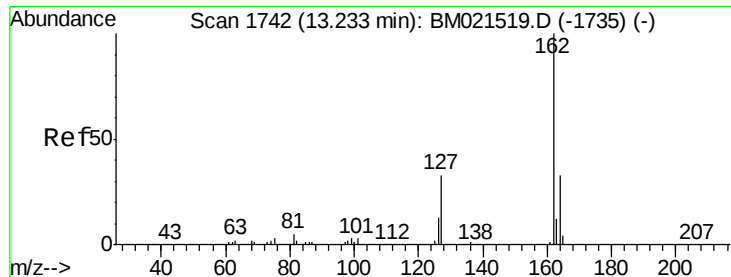
Tot Ion:196 Resp: 394657
 Ion Ratio Lower Upper
 196 100
 198 97.0 73.7 110.5
 200 30.8 24.6 36.8



#40
 1,1'-Biphenyl
 Concen: 26.501 ng/ul
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

Tgt Ion:154 Resp: 1096174
 Ion Ratio Lower Upper
 154 100
 153 40.3 32.7 49.1
 76 11.5 8.5 12.7

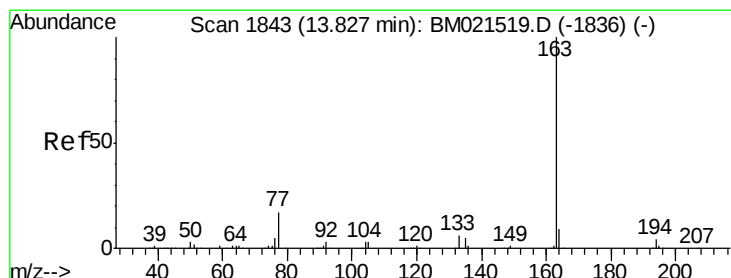
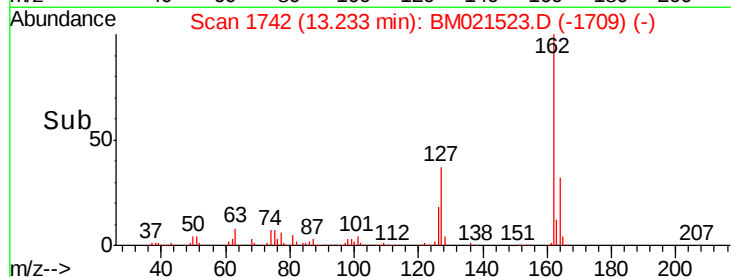
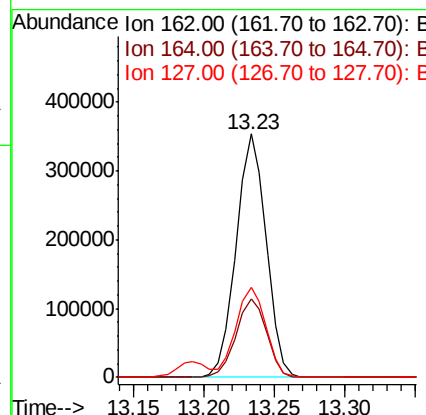
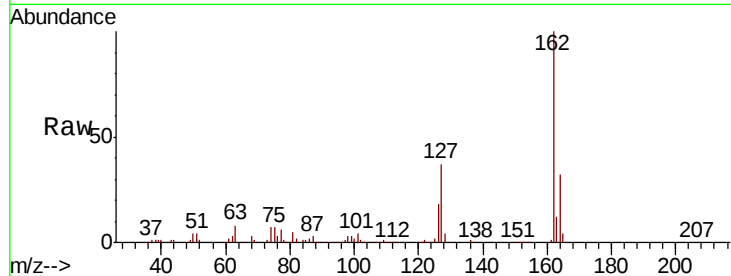




#41
2-Chloronaphthalene
Concen: 15.856 ng/ul
RT: 13.23 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

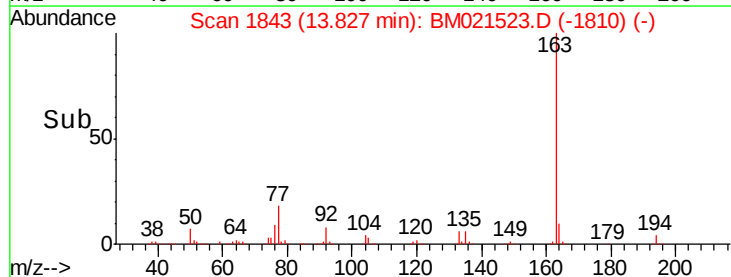
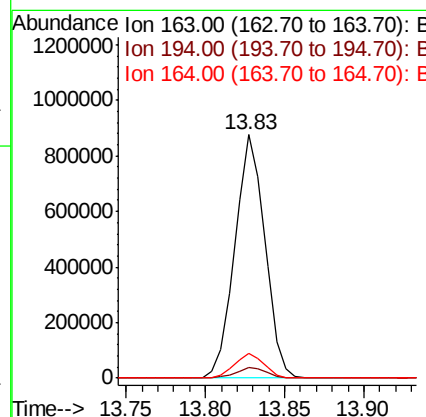
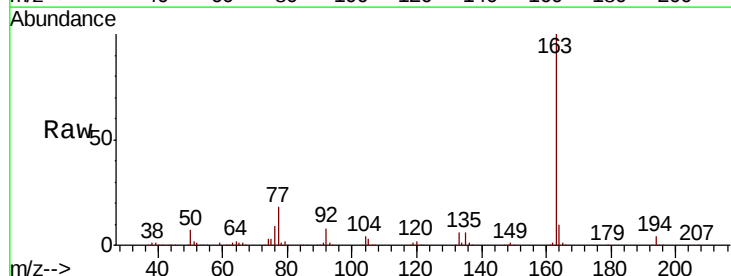
Instrument :
BNA_M
ClientSampleId :
DB8W6

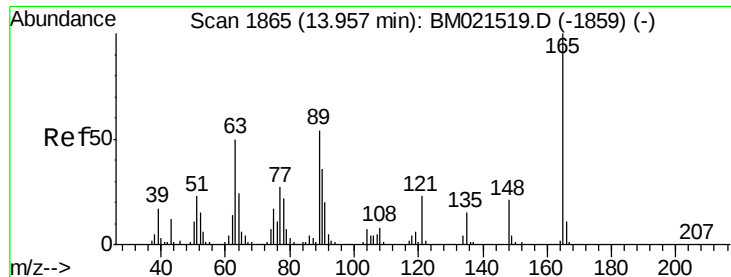
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.0	26.6	40.0
127	37.0	28.6	42.8



#44
Dimethylphthalate
Concen: 28.469 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	9.9	8.3	12.5

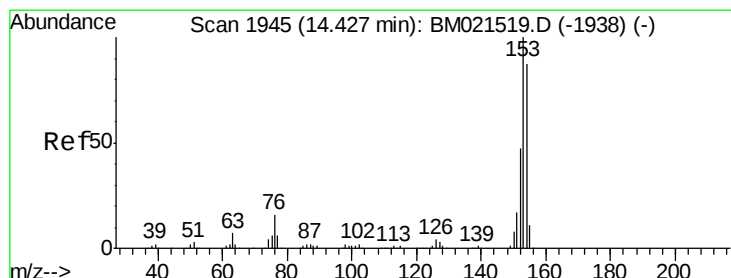
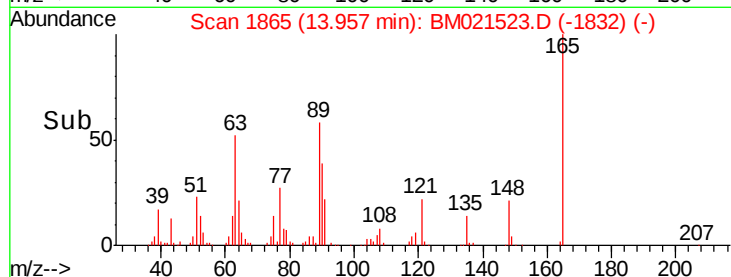
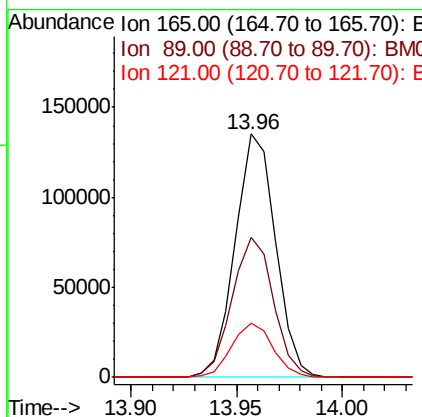
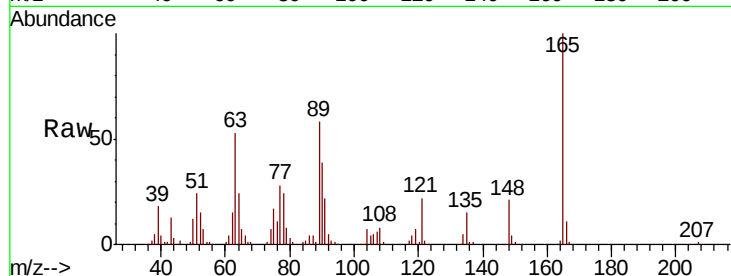




#45
 2,6-Dinitrotoluene
 Concen: 24.531 ng/ul
 RT: 13.96 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

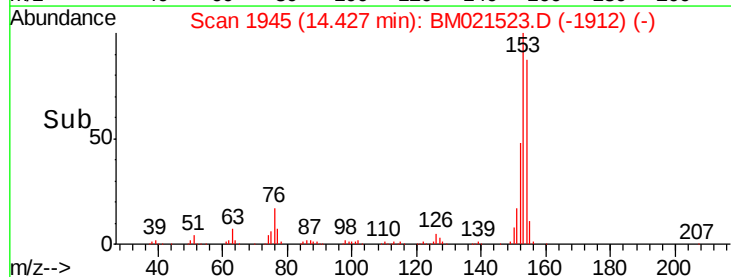
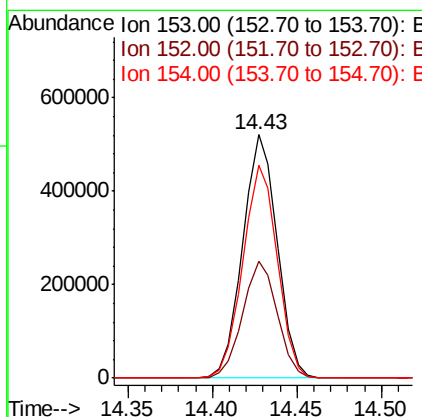
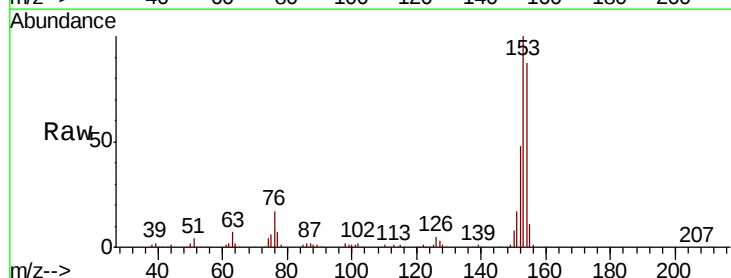
Instrument :
 BNA_M
 ClientSampleId :
 DB8W6

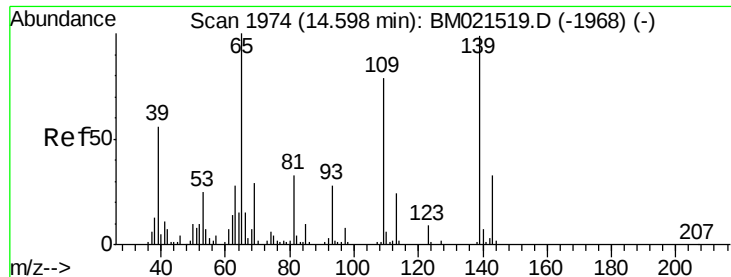
Tot Ion	Ratio	Lower	Upper
165	100		
89	57.7	45.4	68.2
121	22.1	18.1	27.1



#49
 Acenaphthene
 Concen: 21.591 ng/ul
 RT: 14.43 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.2	57.4
154	87.2	70.0	105.0

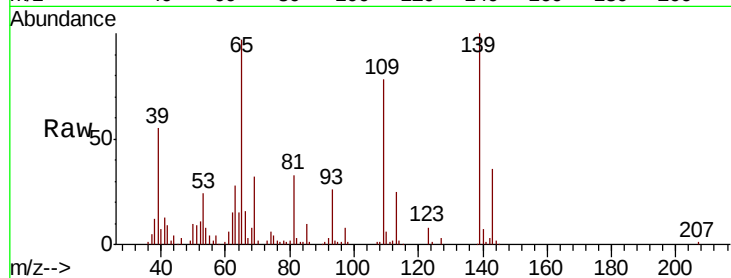




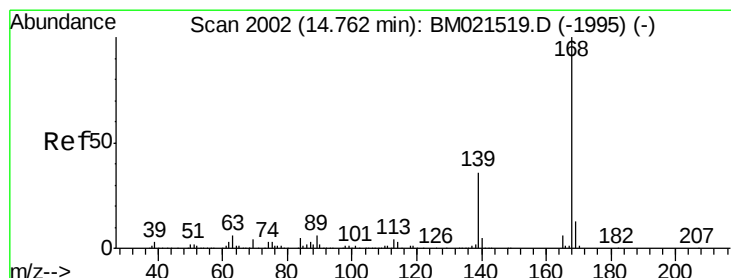
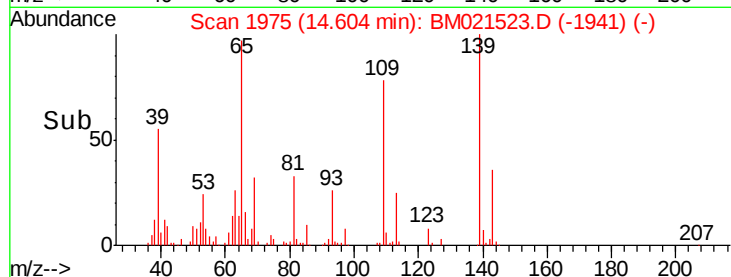
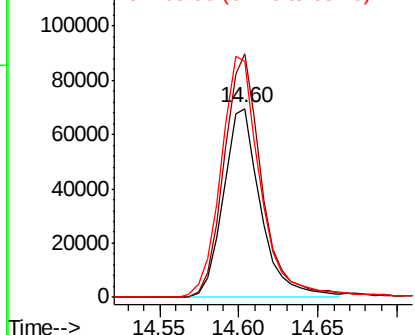
#52
4-Nitrophenol
Concen: 22.280 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

Instrument :
BNA_M
ClientSampleId :
DB8W6

Tot Ion:109 Resp: 113833
Ion Ratio Lower Upper
109 100
139 128.9 107.6 161.4
65 125.0 101.0 151.6

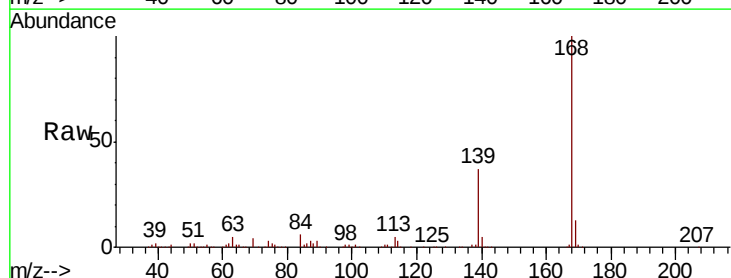


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

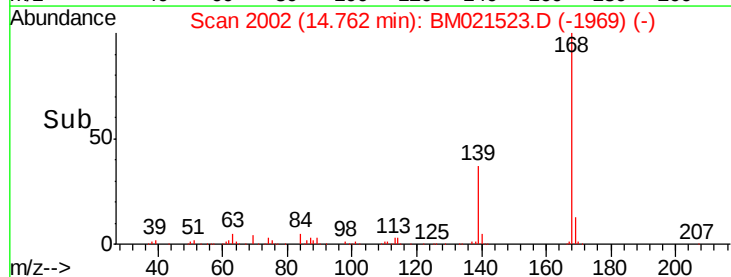
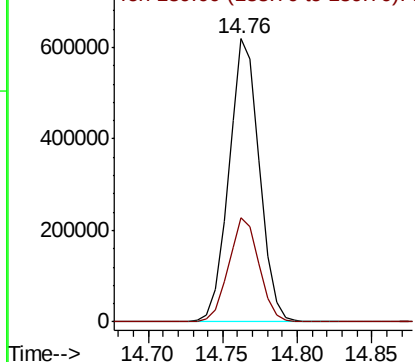


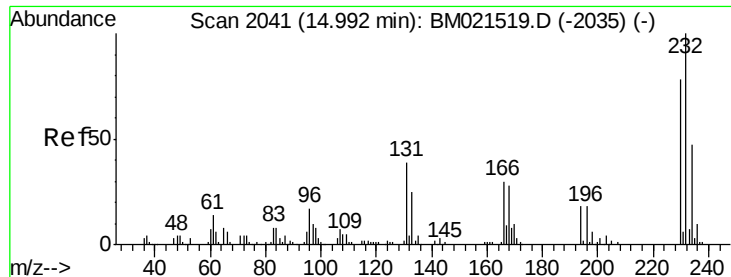
#53
Dibenzofuran
Concen: 17.744 ng/ul
RT: 14.76 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

Tgt Ion:168 Resp: 883112
Ion Ratio Lower Upper
168 100
139 36.8 28.4 42.6



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





#55

2,3,4,6-Tetrachlorophenol

Concen: 22.395 ng/ul

RT: 15.00 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

Instrument :

BNA_M

ClientSampleId :

DB8W6

Tot Ion:232 Resp: 241985

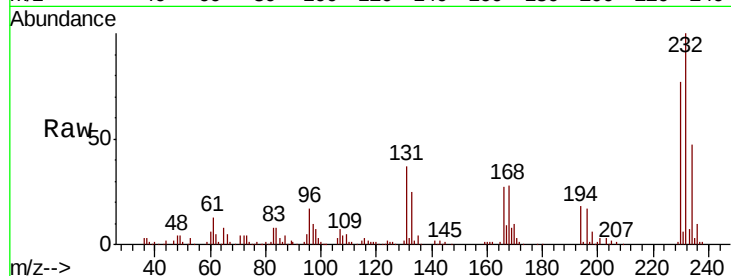
Ion Ratio Lower Upper

232 100

131 37.4 30.2 45.2

130 1.9 1.7 2.5

166 27.4 24.0 36.0

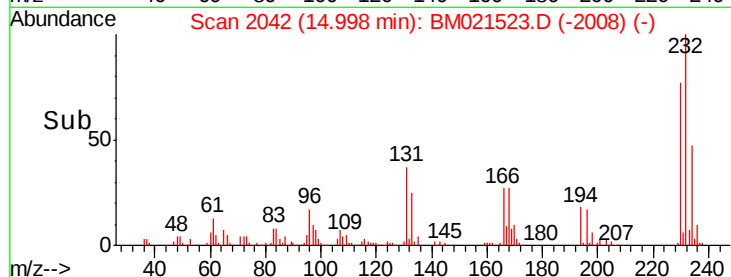


Abundance Ion 232.00 (231.70 to 232.70): E

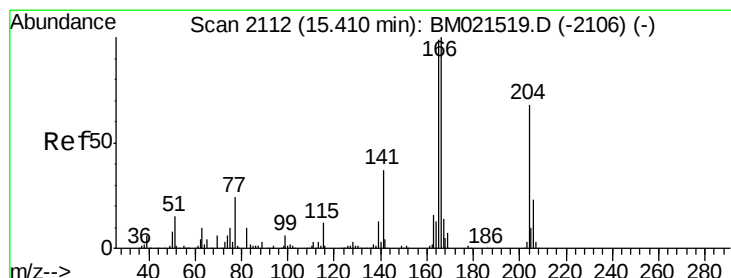
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

4-Chlorophenyl-phenylether

Concen: 16.032 ng/ul

RT: 15.41 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

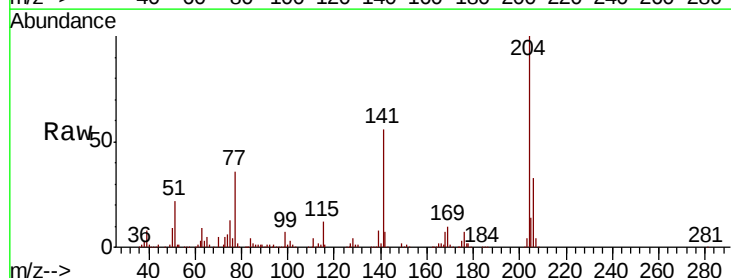
Tgt Ion:204 Resp: 360762

Ion Ratio Lower Upper

204 100

206 33.4 26.0 39.0

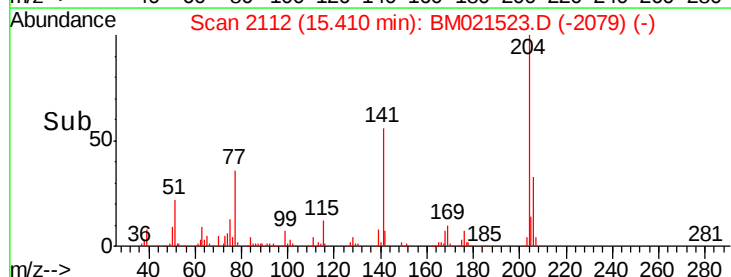
141 55.7 42.3 63.5



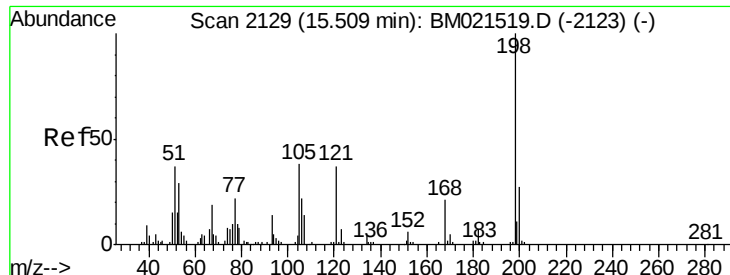
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



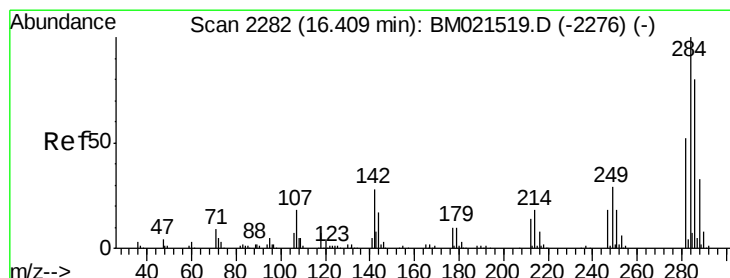
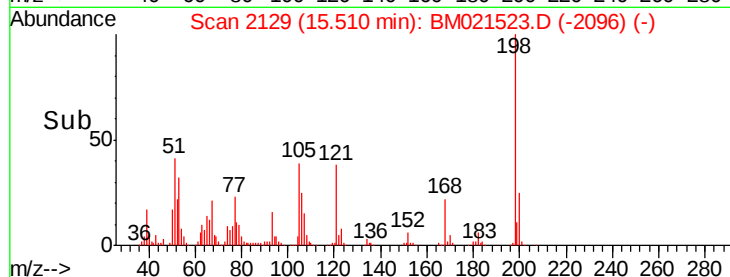
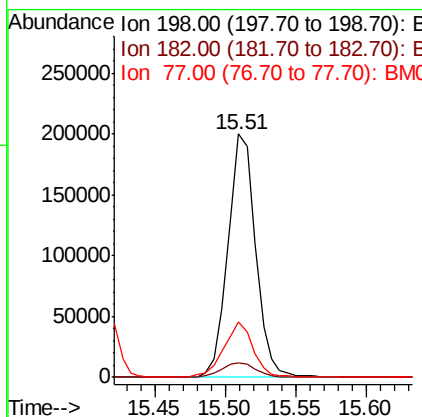
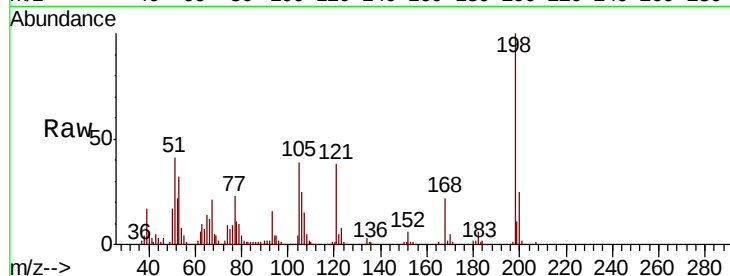
Time-->



#63
 4,6-Dinitro-2-methylphenol
 Concen: 37.978 ng/ul
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

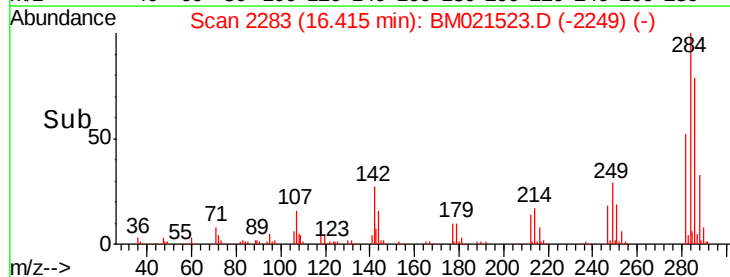
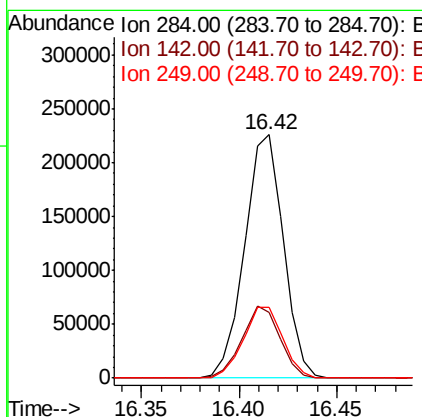
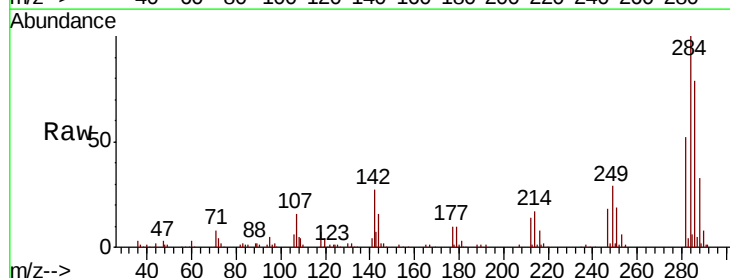
Instrument :
 BNA_M
 ClientSampled :
 DB8W6

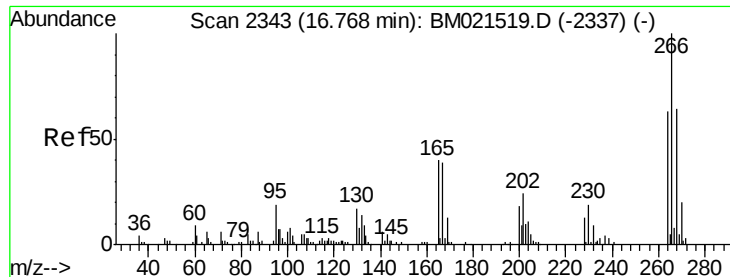
Tot Ion:198 Resp: 274832
 Ion Ratio Lower Upper
 198 100
 182 6.0 4.7 7.1
 77 22.7 18.1 27.1



#66
 Hexachlorobenzene
 Concen: 19.547 ng/ul
 RT: 16.42 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

Tgt Ion:284 Resp: 311138
 Ion Ratio Lower Upper
 284 100
 142 26.7 22.0 33.0
 249 29.2 23.3 34.9

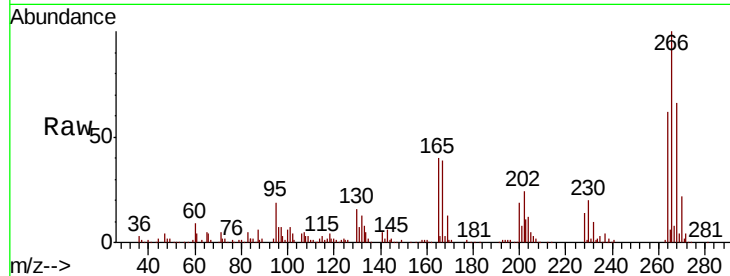




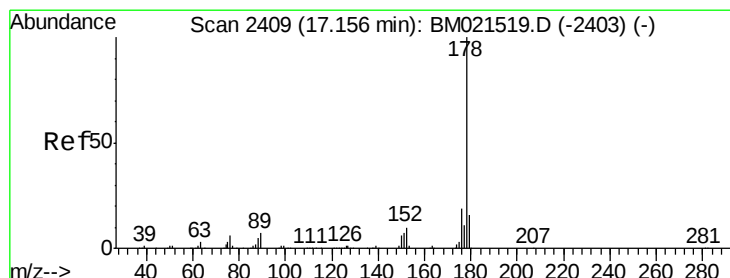
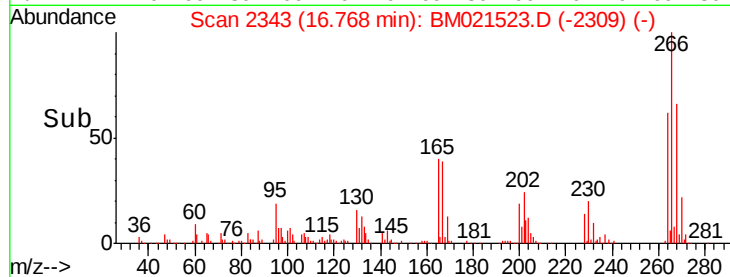
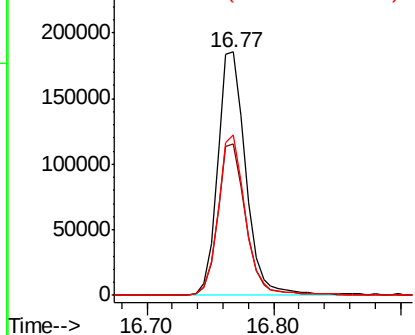
#68
 Pentachlorophenol
 Concen: 34.159 ng/ul
 RT: 16.77 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

Instrument :
 BNA_M
 ClientSampleID :
 DB8W6

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.2	73.8
268	65.8	50.6	76.0

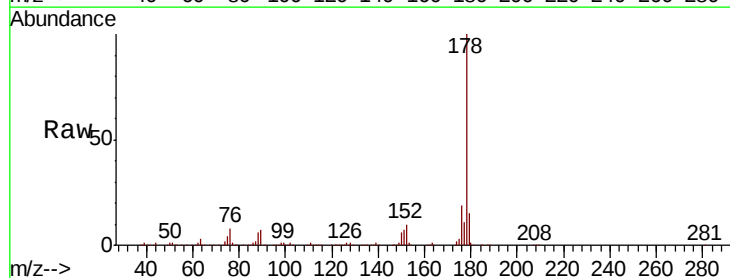


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

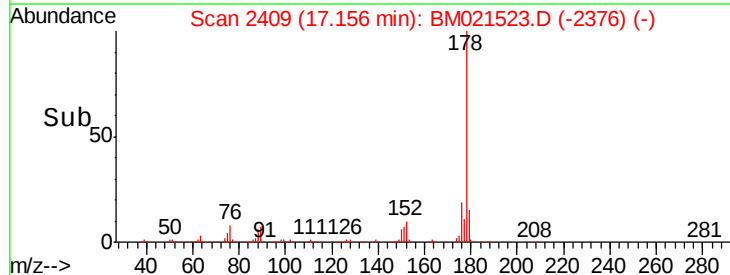
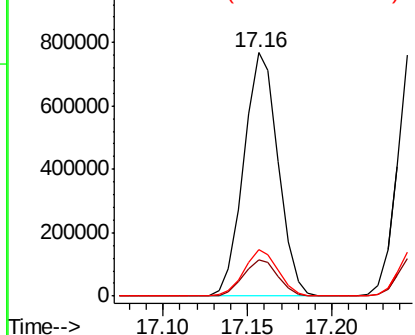


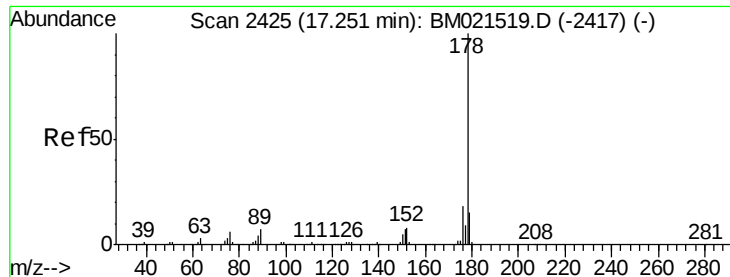
#69
 Phenanthrene
 Concen: 17.824 ng/ul
 RT: 17.16 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.9	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

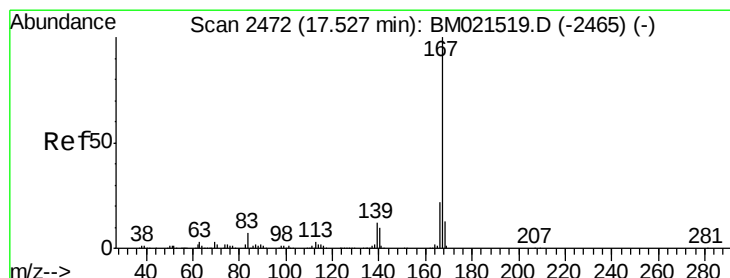
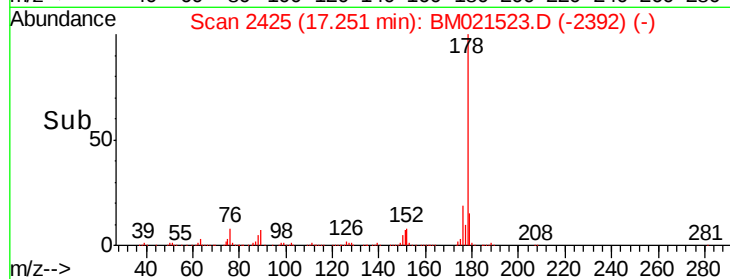
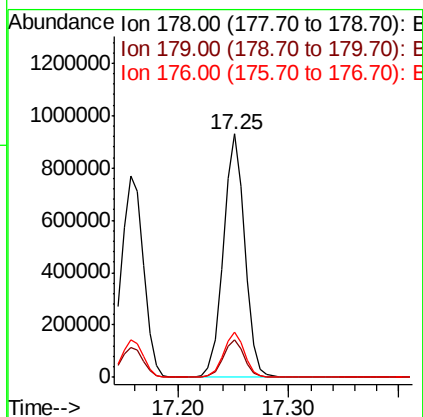
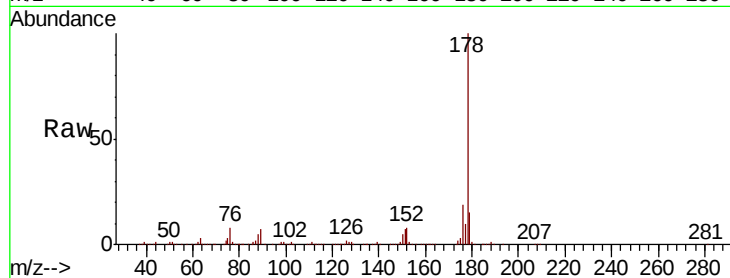




#71
 Anthracene
 Concen: 20.236 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

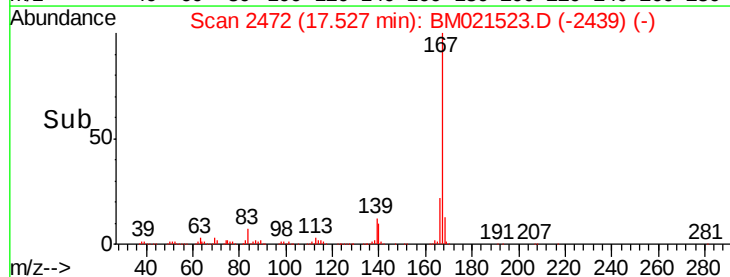
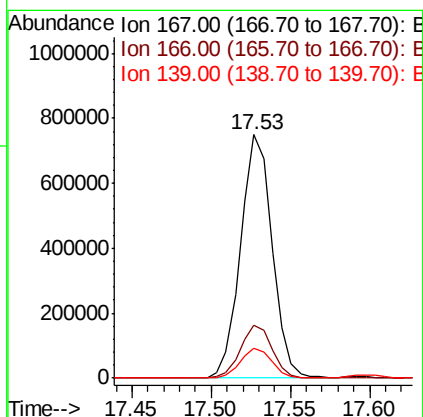
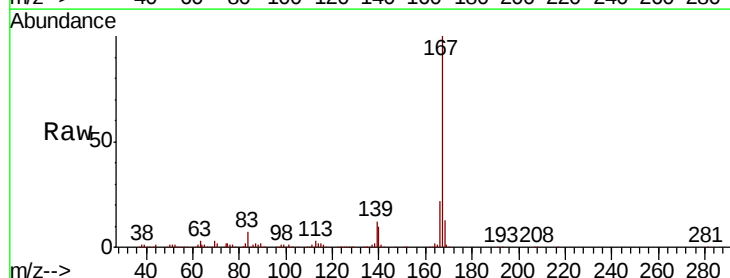
Instrument :
 BNA_M
 ClientSampleId :
 DB8W6

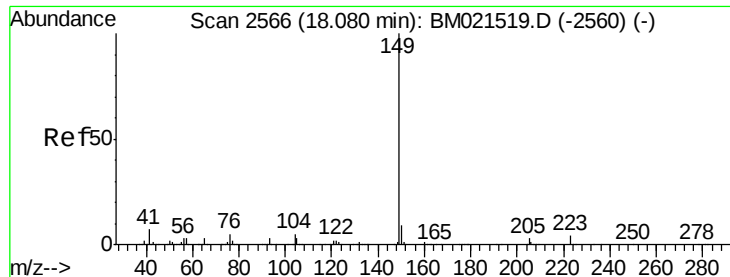
Tot Ion:178 Resp: 1256645
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.2
 176 18.8 14.9 22.3



#74
 Carbazole
 Concen: 20.155 ng/ul
 RT: 17.53 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BM021523.D
 Acq: 18 Jul 2019 14:34

Tgt Ion:167 Resp: 1038873
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 12.3 9.7 14.5

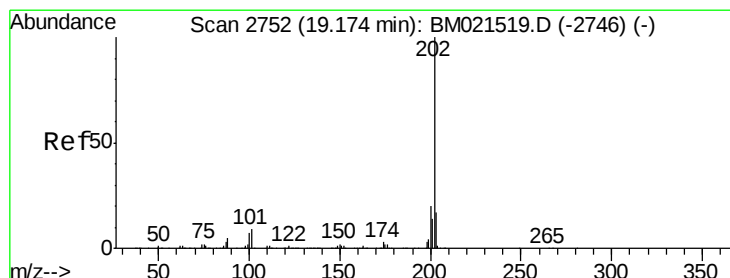
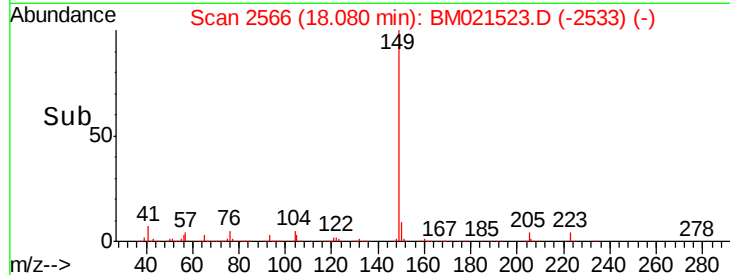
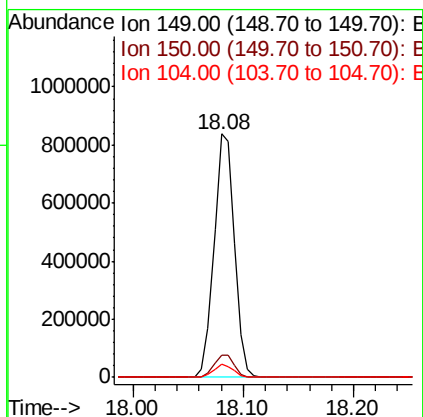
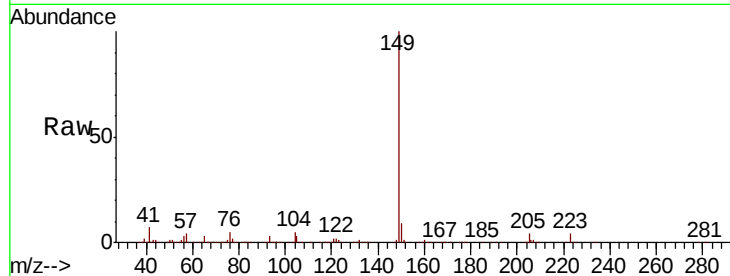




#75
Di-n-butylphthalate
Concen: 17.990 ng/ul
RT: 18.08 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

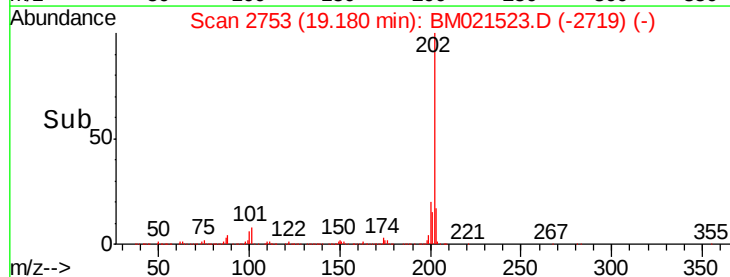
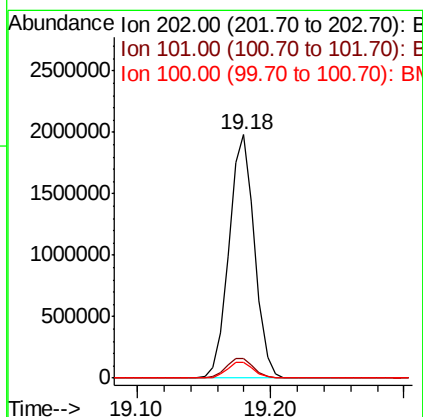
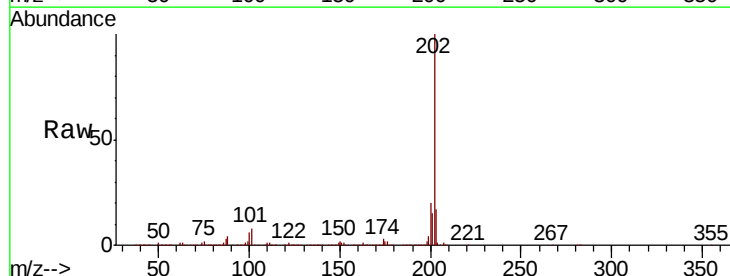
Instrument :
BNA_M
ClientSampleId :
DB8W6

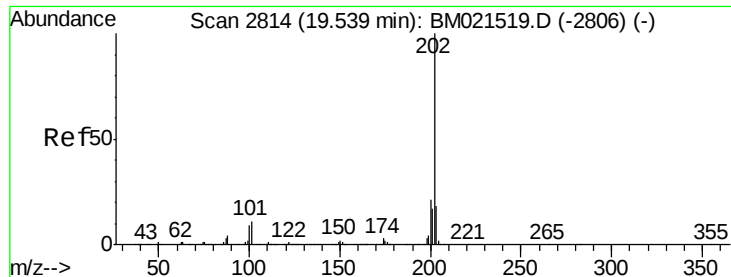
Tot Ion:149 Resp: 1062368
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.3 3.8 5.8



#76
Fluoranthene
Concen: 36.472 ng/ul
RT: 19.18 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

Tgt Ion:202 Resp: 2642394
Ion Ratio Lower Upper
202 100
101 8.2 6.7 10.1
100 6.4 5.3 7.9

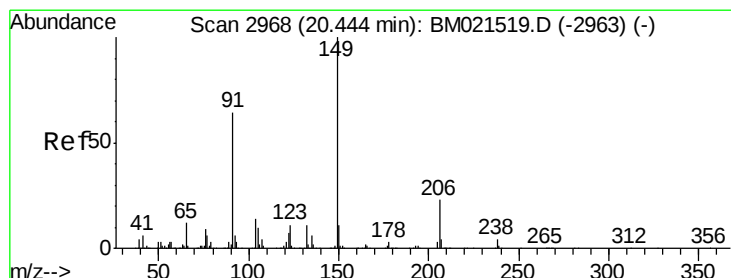
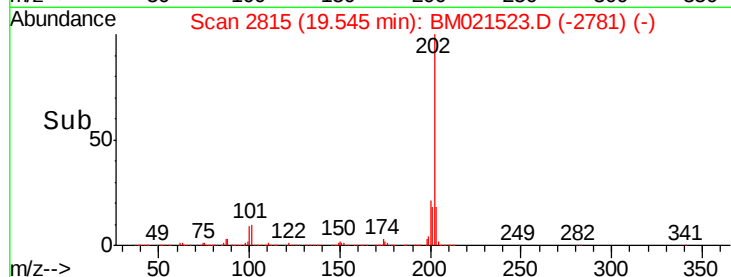
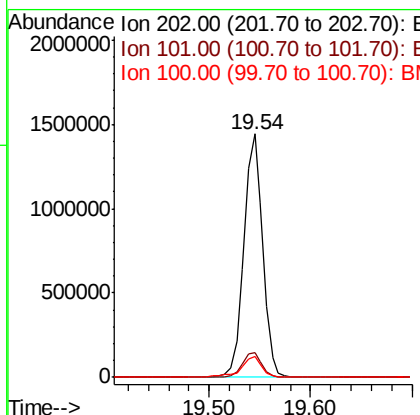
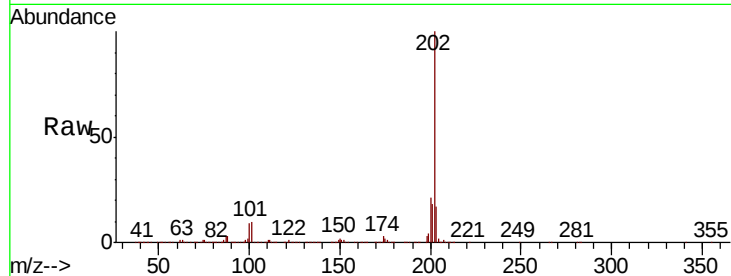




#79
Pvrene
Concen: 31.502 ng/ul
RT: 19.54 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

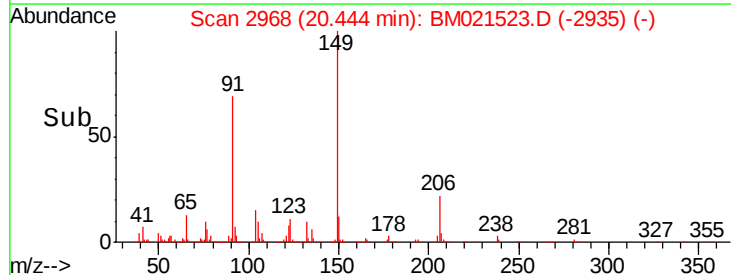
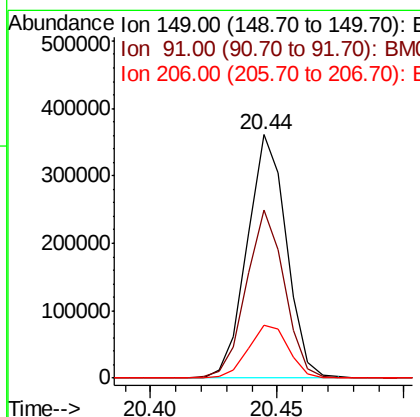
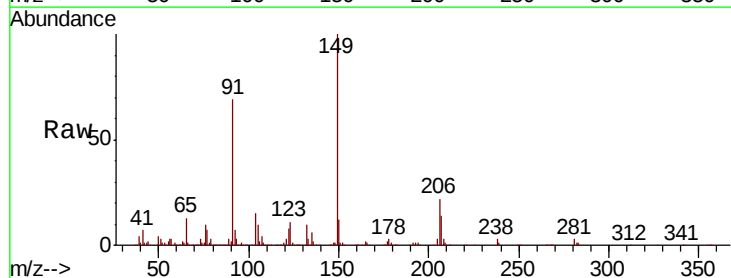
Instrument :
BNA_M
ClientSampleId :
DB8W6

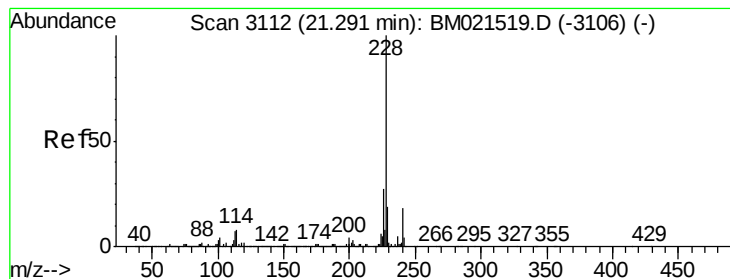
Tot Ion:202 Resp: 1847499
Ion Ratio Lower Upper
202 100
101 10.2 7.8 11.8
100 8.5 6.4 9.6



#80
Butylbenzylphthalate
Concen: 18.617 ng/ul
RT: 20.44 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BM021523.D
Acq: 18 Jul 2019 14:34

Tgt Ion:149 Resp: 386777
Ion Ratio Lower Upper
149 100
91 69.3 53.9 80.9
206 21.9 18.0 27.0





#82

Benzo(a)anthracene

Concen: 34.397 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

Instrument :

BNA_M

ClientSampleId :

DB8W6

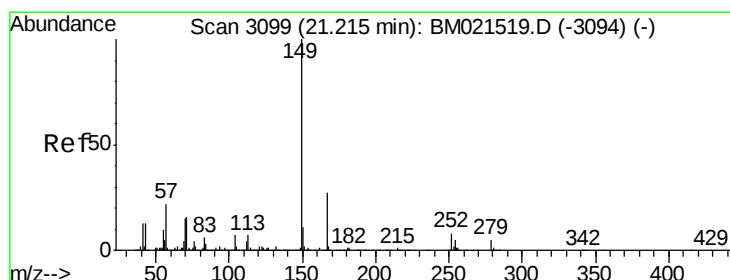
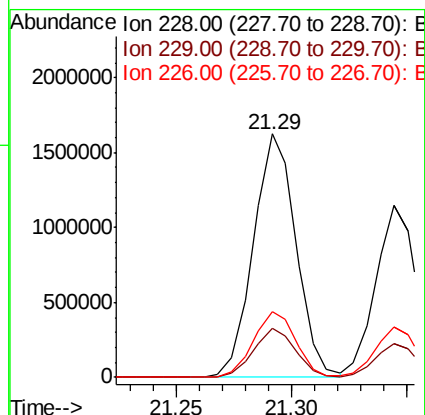
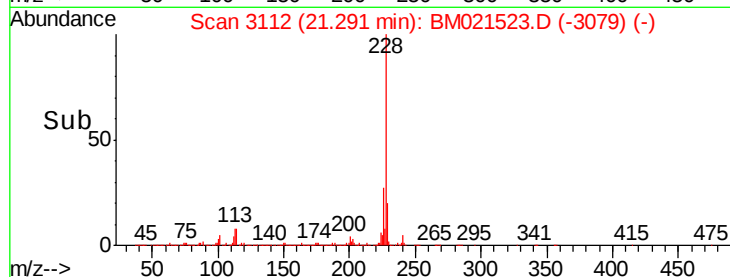
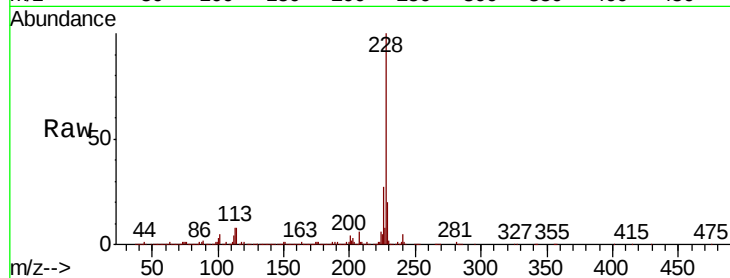
Tot Ion:228 Resp: 2087434

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

226 26.9 21.5 32.3



#83

Bis(2-ethylhexyl)phthalate

Concen: 22.991 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

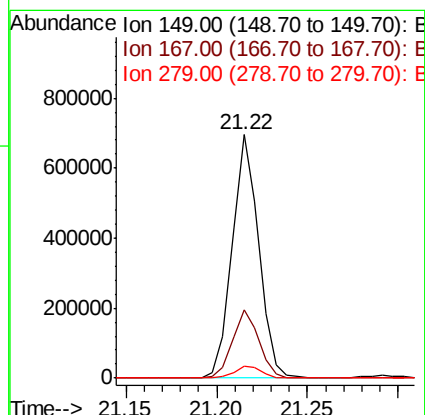
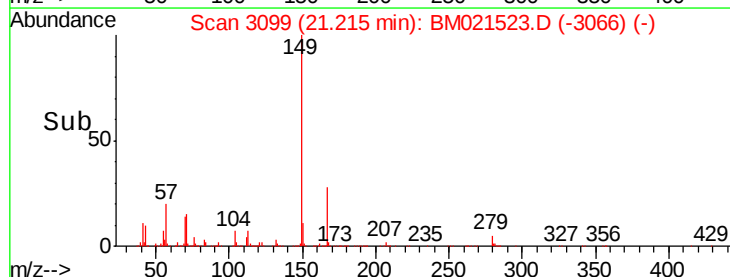
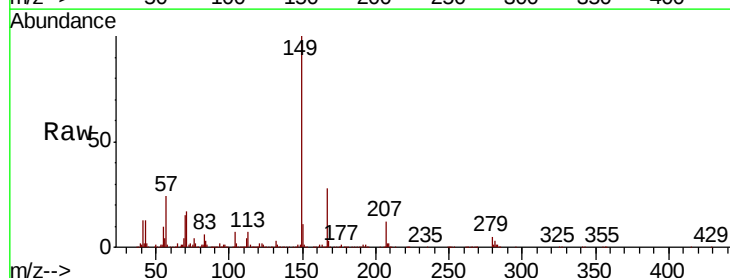
Tgt Ion:149 Resp: 702563

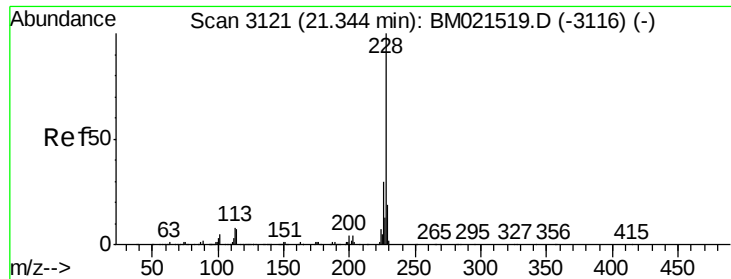
Ion Ratio Lower Upper

149 100

167 27.8 22.6 33.8

279 4.9 4.0 6.0





#84

Chrysene

Concen: 24.681 ng/ul

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

Instrument :

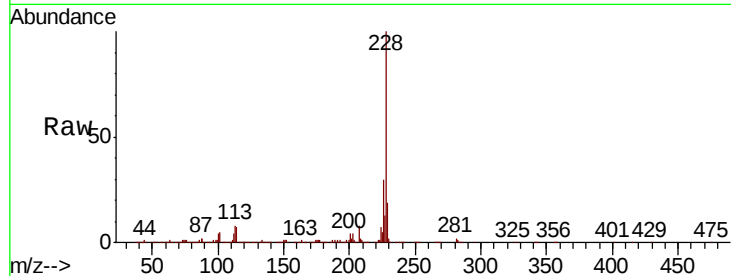
BNA_M

ClientSampleId :

DB8W6

Tot Ion:228 Resp: 1408076

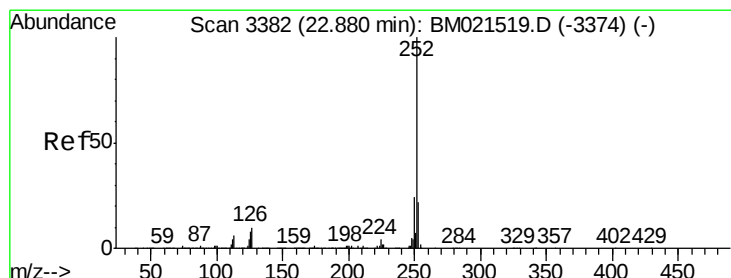
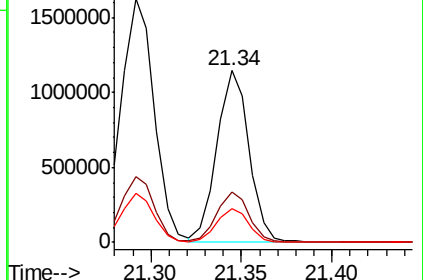
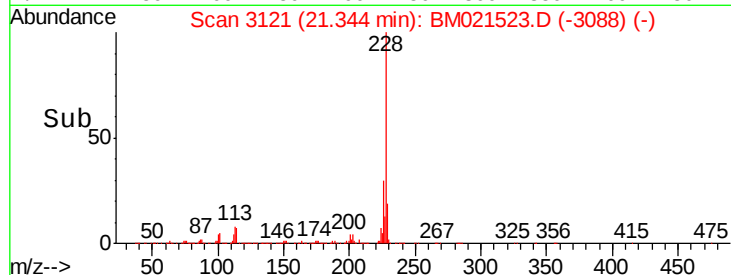
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	19.4	15.4	23.0



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: 25.553 ng/ul

RT: 22.89 min Scan# 3383

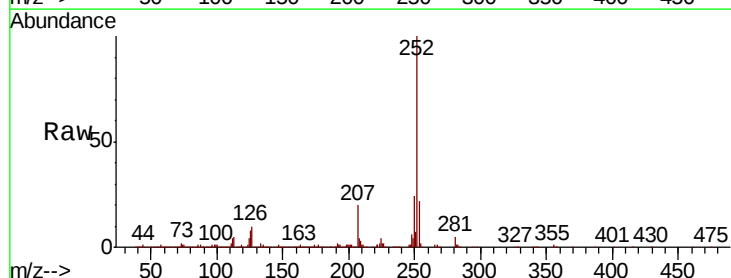
Delta R.T. -0.01 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

Tgt Ion:252 Resp: 1510896

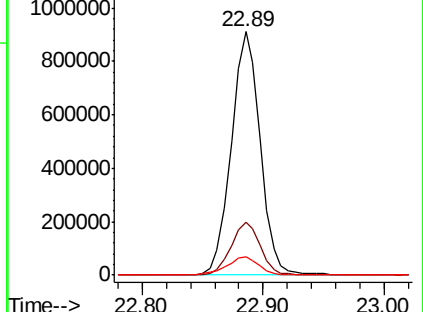
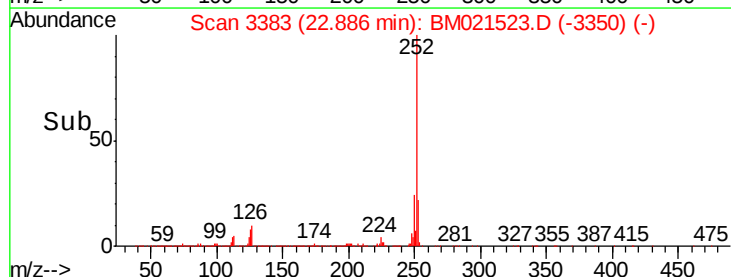
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	7.8	5.9	8.9

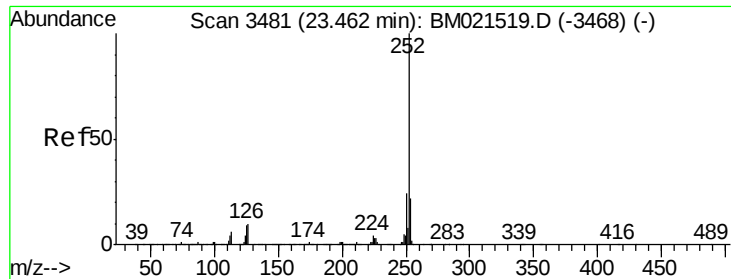


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 23.219 ng/ul

RT: 23.47 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

Instrument :

BNA_M

ClientSampleId :

DB8W6

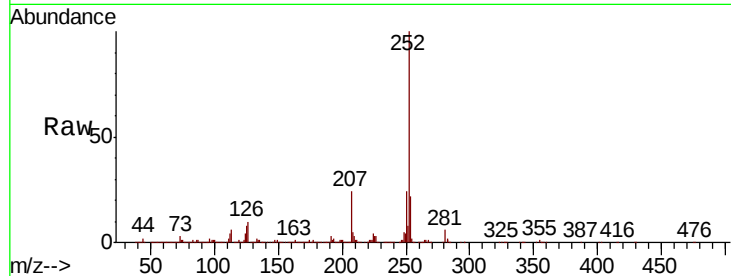
Tot Ion:252 Resp: 1326055

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 8.2 6.9 10.3

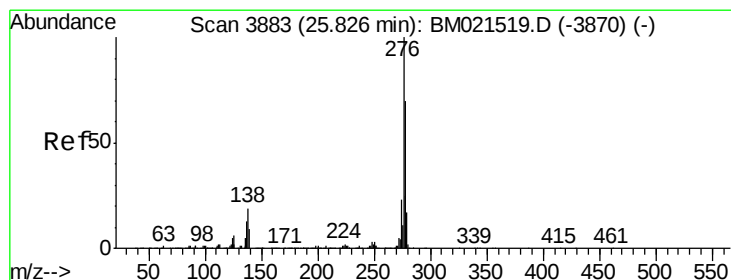
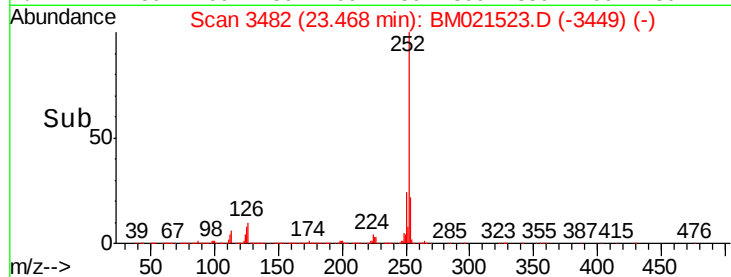
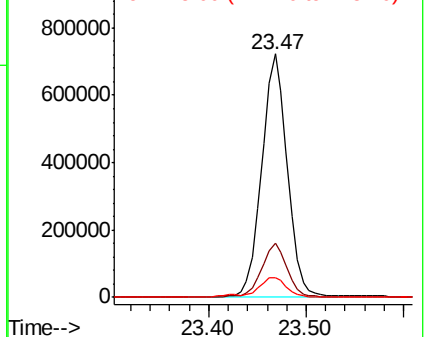


Abundance

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: 26.638 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

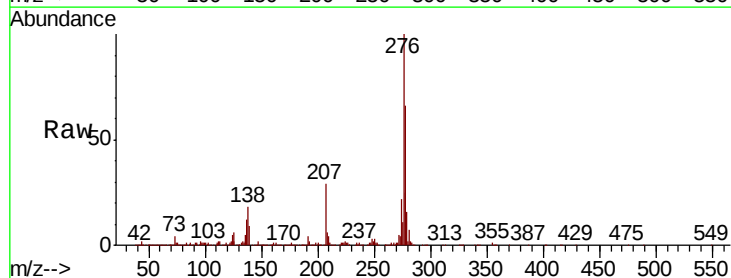
Tgt Ion:276 Resp: 1879230

Ion Ratio Lower Upper

276 100

138 18.1 14.8 22.2

277 24.9 20.0 30.0

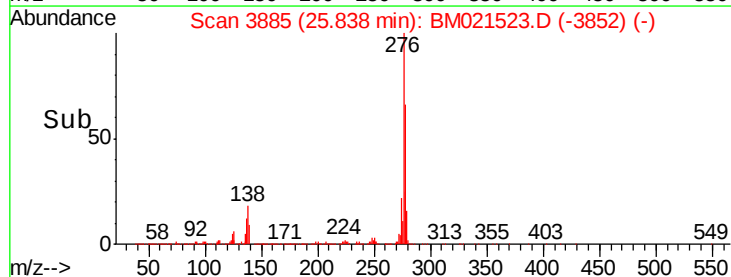
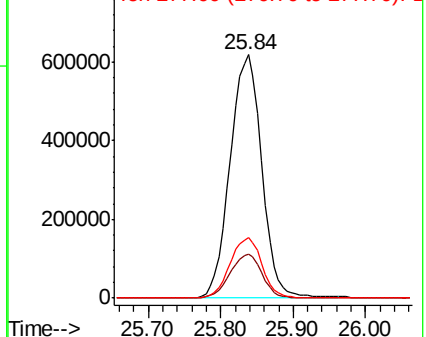


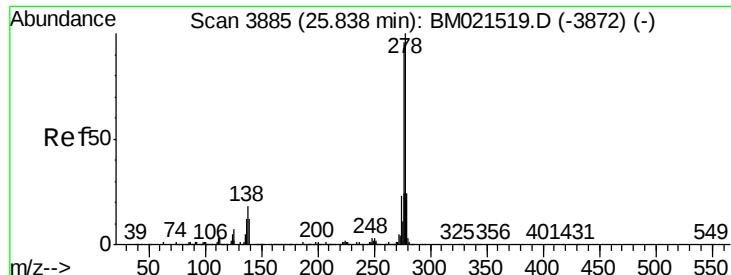
Abundance

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





#92

Dibenzo(a,h)anthracene

Concen: 20.770 ng/ul

RT: 25.84 min Scan# 3886

Delta R.T. -0.02 min

Lab File: BM021523.D

Acq: 18 Jul 2019 14:34

Instrument :

BNA_M

ClientSampleId :

DB8W6

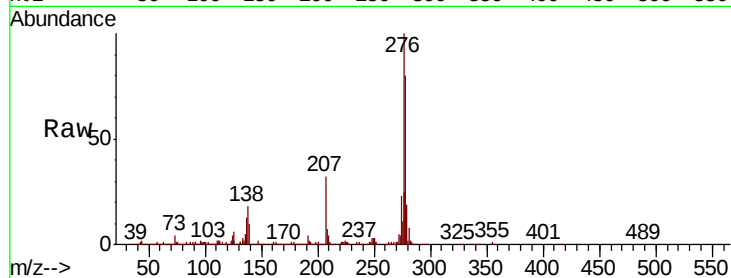
Tot Ion:278 Resp: 1231768

Ion Ratio Lower Upper

278 100

139 12.5 9.8 14.6

279 23.5 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

