

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072419\
 Data File : BM021628.D
 Acq On : 24 Jul 2019 15:46
 Operator : HP/JU
 Sample : K3770-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2H37

Quant Time: Jul 24 16:29:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	81148	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	372754	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	259945	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	657884	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	827513	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	953086	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	6966	4.68	ng/uL	0.00
5) Phenol-d5	6.88	99	198022	28.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	112810	28.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	156244	28.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	156109	26.55	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	81047	29.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	84800	28.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	196251	29.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	214492	33.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	725942	32.59	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	800737	29.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	88765	23.23	ng/ul	0.00
57) Fluorene-d10	15.34	176	654619	32.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	105215	25.54	ng/ul	0.00
70) Anthracene-d10	17.20	188	1098554	33.94	ng/ul	0.00
78) Pyrene-d10	19.50	212	1441677	35.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1858295	36.52	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	17629	10.439	ng/uL 92
12) 2,2'-oxybis(1-Chloropropan	8.23	45	134798	20.780	ng/ul 99
20) Nitrobenzene	8.91	77	157295	23.063	ng/ul 99
23) 2-Nitrophenol	9.61	139	91646	29.776	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.91	93	139113	18.222	ng/ul 97
27) 2,4-Dichlorophenol	10.14	162	132161	21.423	ng/ul 98
28) Naphthalene	10.53	128	248635	13.162	ng/ul 99
33) 4-Chloro-3-methylphenol	11.78	107	456233	69.308	ng/ul 98
34) 2-Methylnaphthalene	12.15	142	470747	32.229	ng/ul 99
37) Hexachlorocyclopentadiene	12.49	237	118565	27.602	ng/ul 99
38) 2,4,6-Trichlorophenol	12.77	196	108717	19.744	ng/ul 97
41) 2-Chloronaphthalene	13.22	162	376438	23.448	ng/ul 100
45) 2,6-Dinitrotoluene	13.95	165	37361	10.539	ng/ul# 86
47) Acenaphthylene	14.07	152	513068	21.344	ng/ul 98
49) Acenaphthene	14.41	153	271003	15.371	ng/ul 97
54) 2,4-Dinitrotoluene	14.74	165	207939	34.523	ng/ul# 85
55) 2,3,4,6-Tetrachlorophenol	14.98	232	242277	42.431	ng/ul 96
58) Fluorene	15.40	166	318590	14.797	ng/ul 100
59) 4-Chlorophenyl-phenylether	15.40	204	296662	24.790	ng/ul 99
63) 4,6-Dinitro-2-methylphenol	15.50	198	423604	104.005	ng/ul# 95
65) 4-Bromophenyl-phenylether	16.29	248	232114	31.439	ng/ul 100
66) Hexachlorobenzene	16.40	284	291720	32.389	ng/ul 99
69) Phenanthrene	17.14	178	604983	16.855	ng/ul 99

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

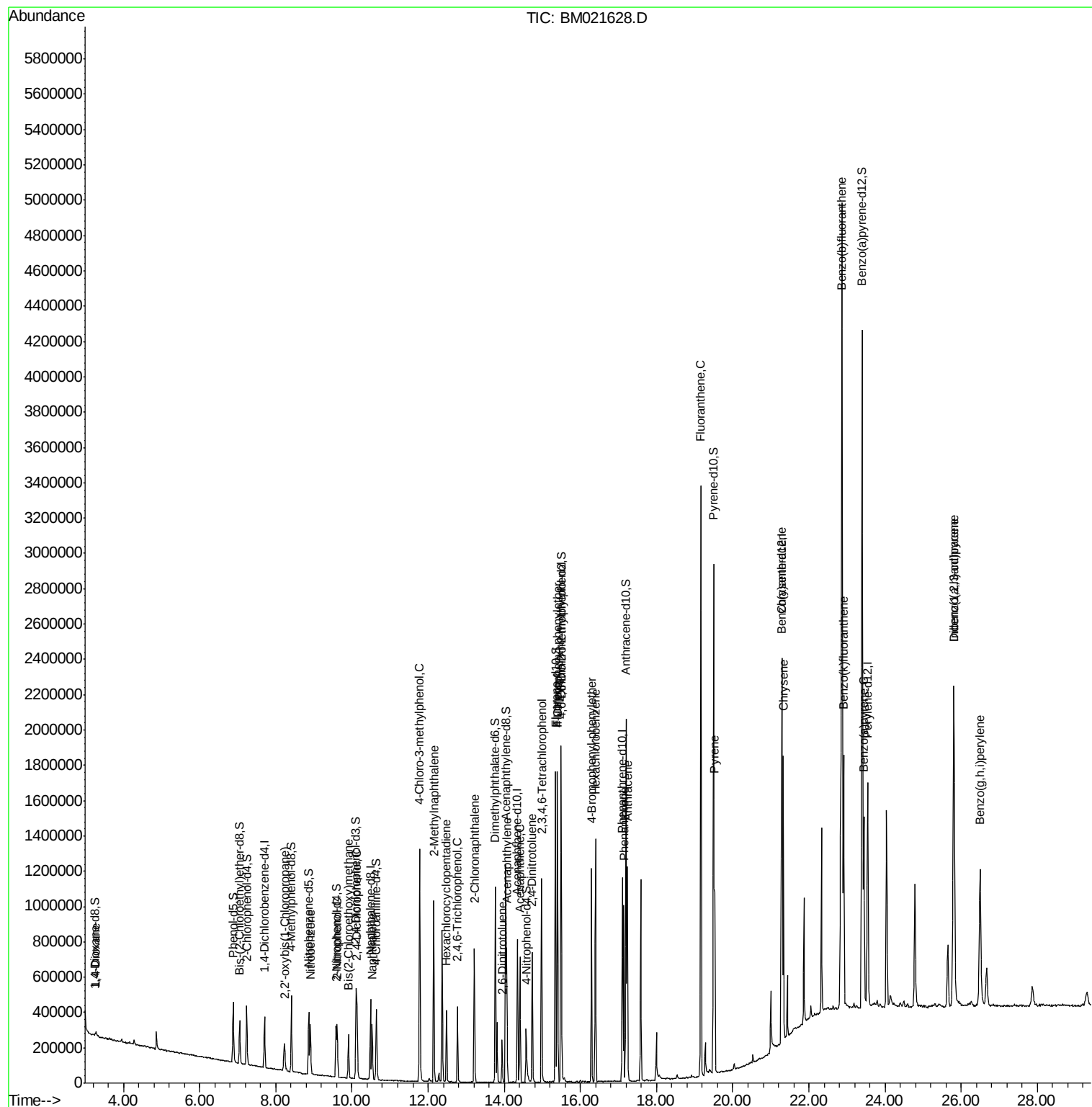
71) Anthracene	17.23	178	732692	20.184	ng/ul	99
76) Fluoranthene	19.16	202	1982413	44.553	ng/ul	100
79) Pyrene	19.53	202	814190	16.517	ng/ul	100
82) Benzo(a)anthracene	21.27	228	850785	15.683	ng/ul	100
84) Chrysene	21.33	228	816897	15.790	ng/ul	99
87) Benzo(b)fluoranthene	22.87	252	3131877	54.352	ng/ul	100
88) Benzo(k)fluoranthene	22.91	252	934807	16.537	ng/ul	100
90) Benzo(a)pyrene	23.44	252	783133	14.154	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.80	276	1198722	17.840	ng/ul	98
92) Dibenzo(a,h)anthracene	25.81	278	1207102	21.360	ng/ul	99
93) Benzo(a,h,i)perylene	26.50	276	1048012	19.258	ng/ul	100

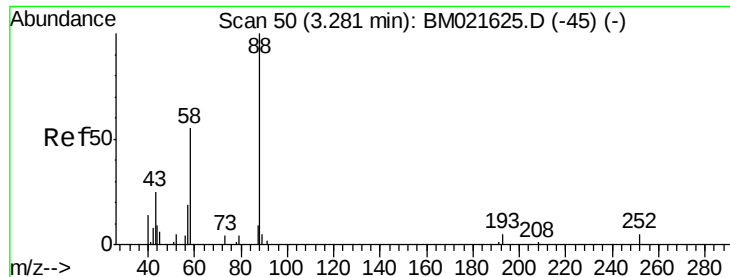
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 10.439 ng/uL

RT: 3.28 min Scan# 50

Delta R.T. 0.00 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

Instrument :

BNA_M

ClientSampleId :

X2H37

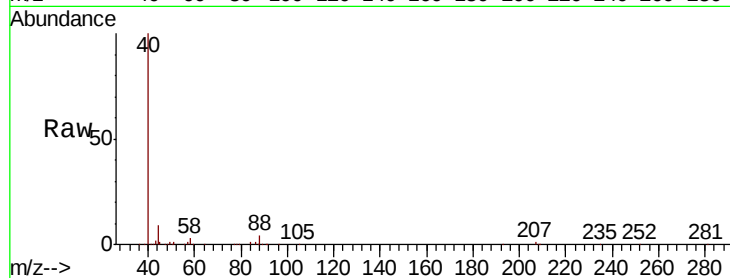
Tot Ion: 88 Resp: 17629

Ion Ratio Lower Upper

88 100

43 45.9 33.5 50.3

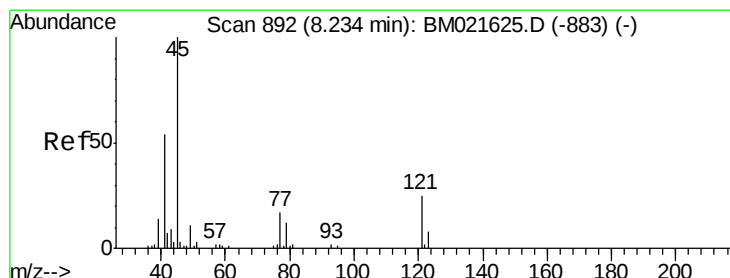
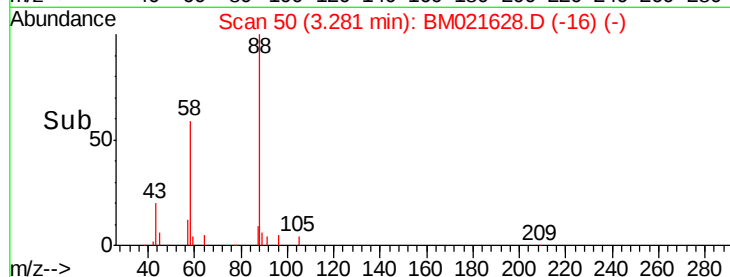
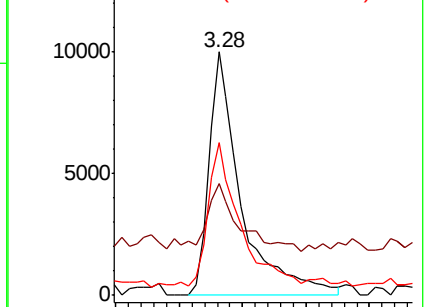
58 62.5 56.2 84.2



Abundance Ion 88.00 (87.70 to 88.70): BM021628.D (-45) (-)

Ion 43.00 (42.70 to 43.70): BM021628.D (-45) (-)

Ion 58.00 (57.70 to 58.70): BM021628.D (-45) (-)



#12

2,2'-oxybis(1-Chloropropane)

Concen: 20.780 ng/uL

RT: 8.23 min Scan# 892

Delta R.T. 0.00 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

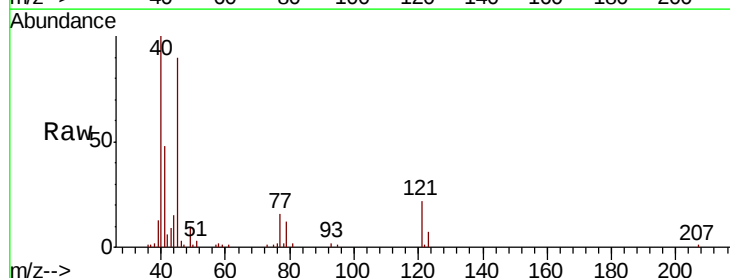
Tgt Ion: 45 Resp: 134798

Ion Ratio Lower Upper

45 100

77 17.2 13.7 20.5

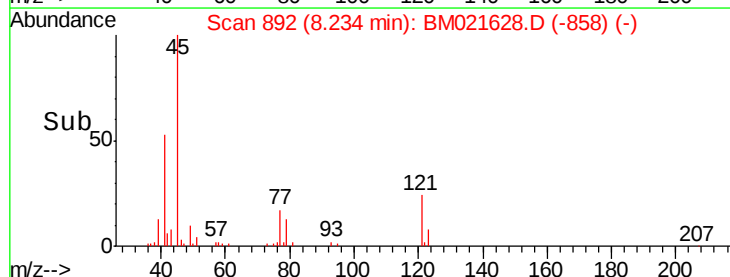
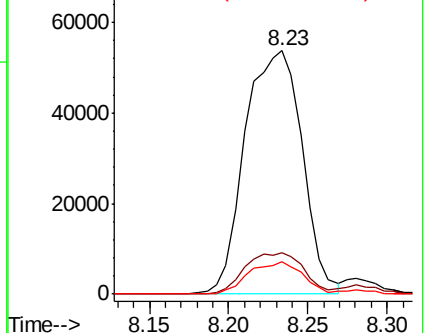
79 13.1 10.2 15.2

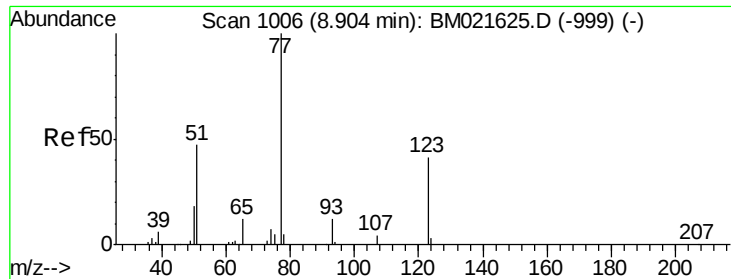


Abundance Ion 45.00 (44.70 to 45.70): BM021628.D (-883) (-)

Ion 77.00 (76.70 to 77.70): BM021628.D (-883) (-)

Ion 79.00 (78.70 to 79.70): BM021628.D (-883) (-)

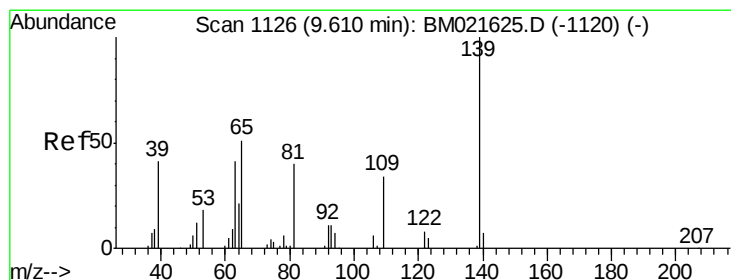
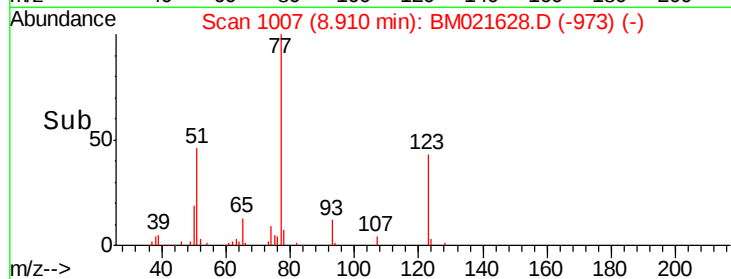
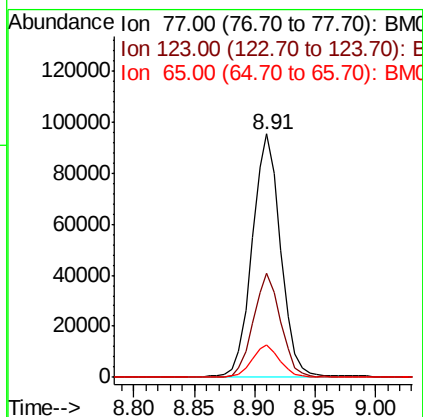
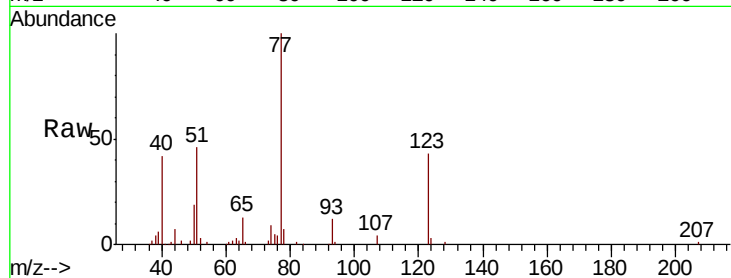




#20
Nitrobenzene
Concen: 23.063 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BM021628.D
Acq: 24 Jul 2019 15:46

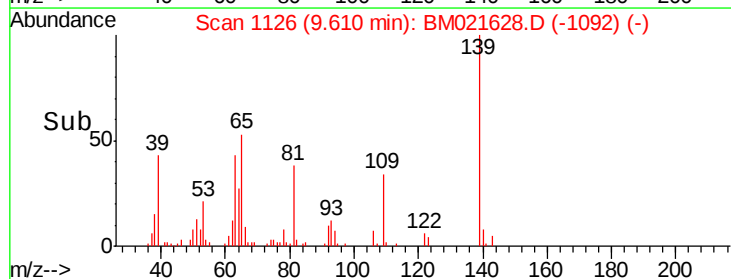
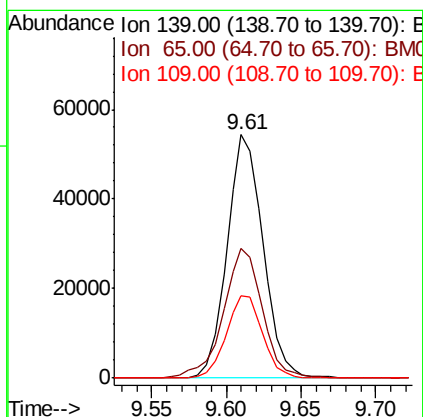
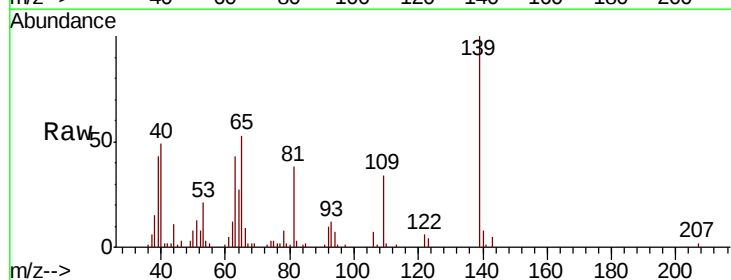
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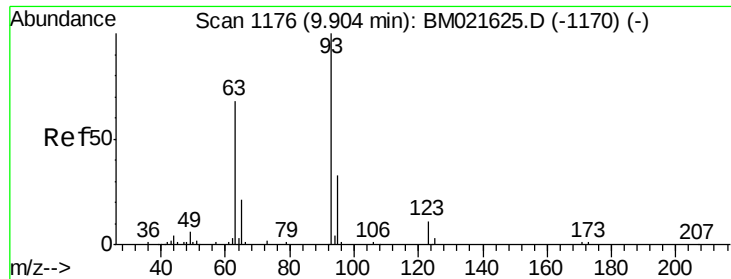
Tot Ion	77	Resp	157295
Ion Ratio	Lower	Upper	
77	100		
123	42.6	34.5	51.7
65	13.4	10.7	16.1



#23
2-Nitrophenol
Concen: 29.776 ng/ul
RT: 9.61 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BM021628.D
Acq: 24 Jul 2019 15:46

Tgt Ion	139	Resp	91646
Ion Ratio	Lower	Upper	
139	100		
65	53.4	45.3	67.9
109	33.7	27.3	40.9

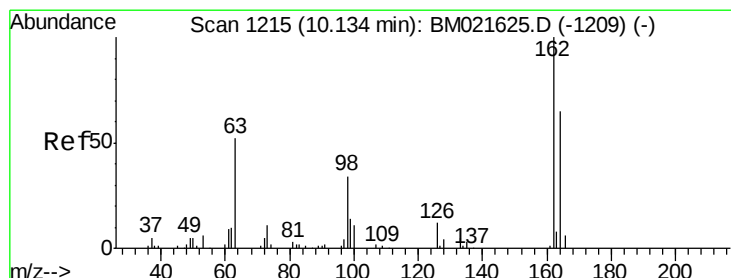
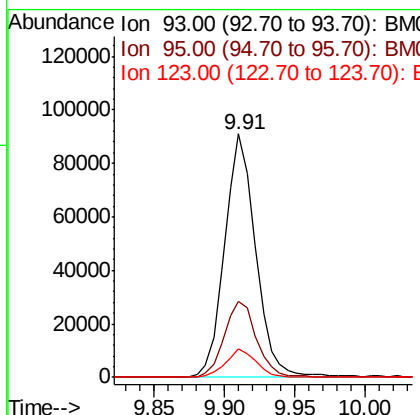
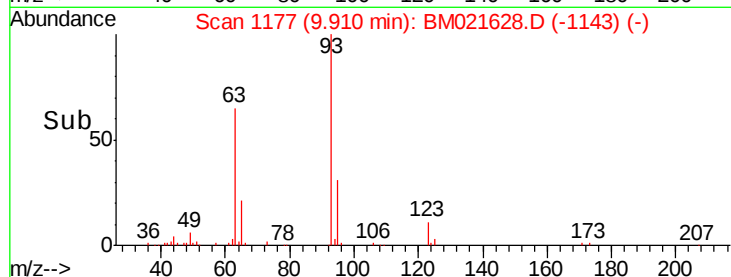
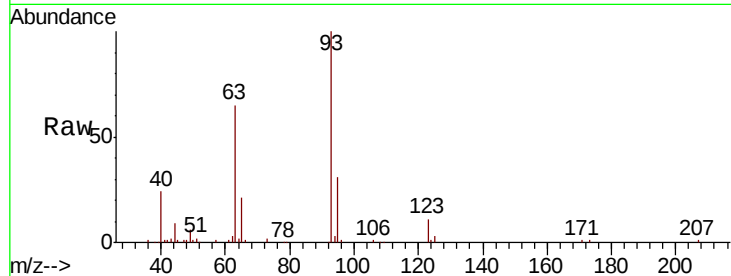




#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.222 ng/ul
 RT: 9.91 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BM021628.D
 Acq: 24 Jul 2019 15:46

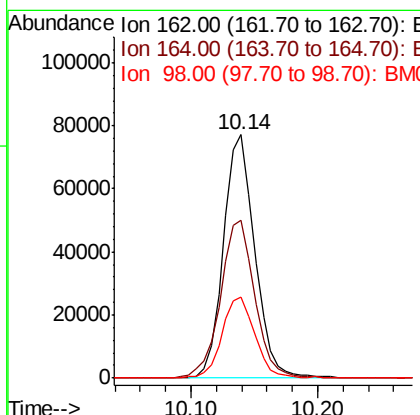
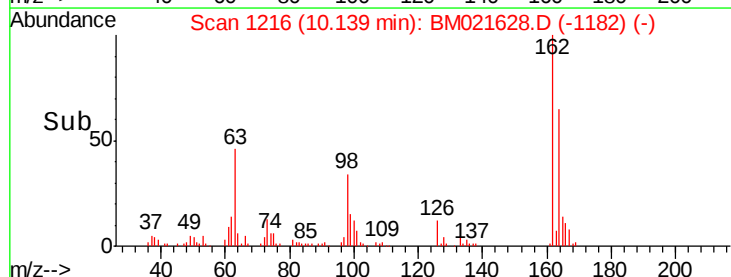
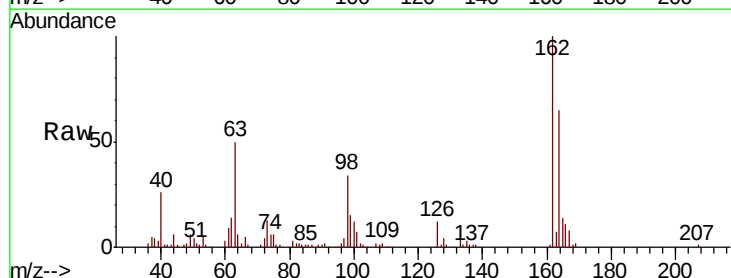
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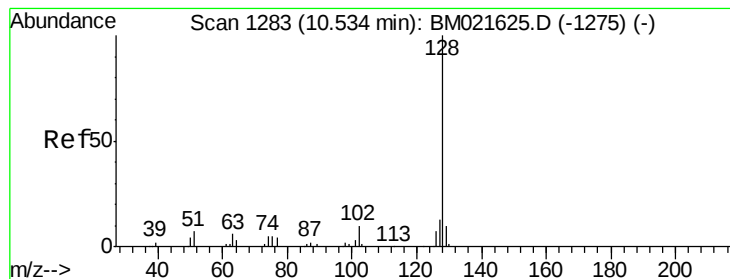
Tot Ion: 93 Resp: 139113
 Ion Ratio Lower Upper
 93 100
 95 31.0 26.1 39.1
 123 11.5 8.6 13.0



#27
 2,4-Dichlorophenol
 Concen: 21.423 ng/ul
 RT: 10.14 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BM021628.D
 Acq: 24 Jul 2019 15:46

Tgt Ion: 162 Resp: 132161
 Ion Ratio Lower Upper
 162 100
 164 64.7 53.0 79.6
 98 33.5 27.5 41.3





#28

Naphthalene

Concen: 13.162 ng/ul

RT: 10.53 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

Instrument :

BNA_M

ClientSampleId :

X2H37

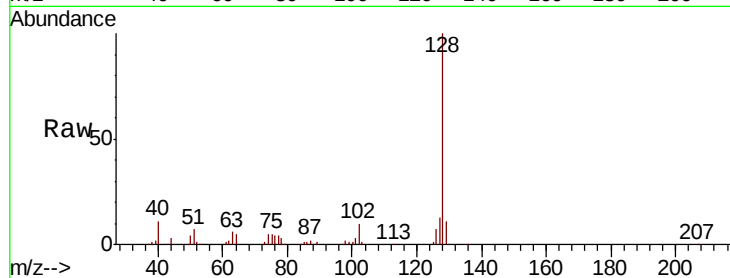
Tot Ion:128 Resp: 248635

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

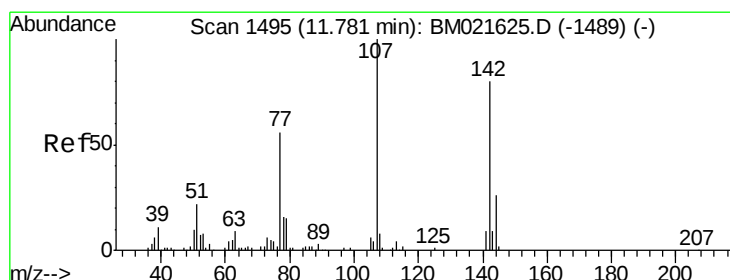
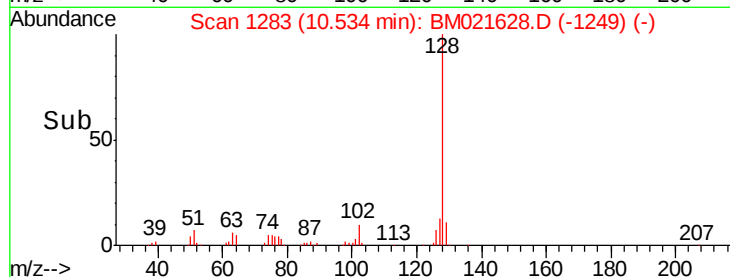
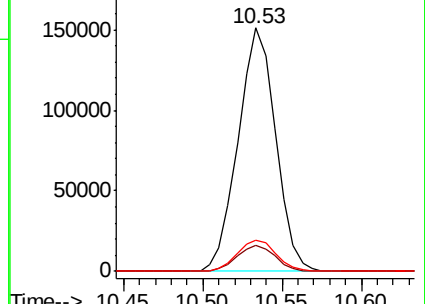
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloro-3-methylphenol

Concen: 69.308 ng/ul

RT: 11.78 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

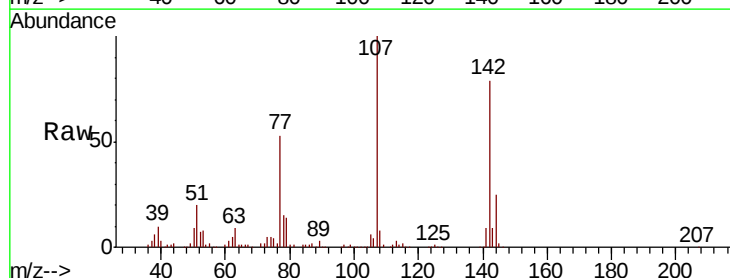
Tgt Ion:107 Resp: 456233

Ion Ratio Lower Upper

107 100

144 25.3 21.0 31.4

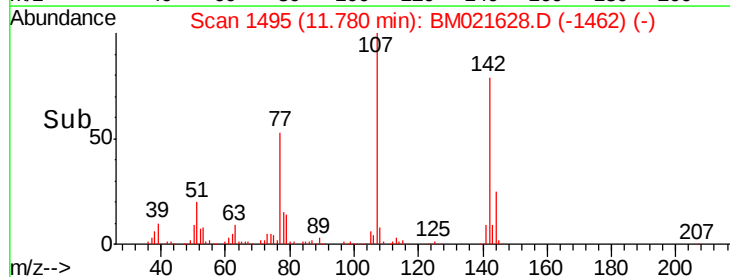
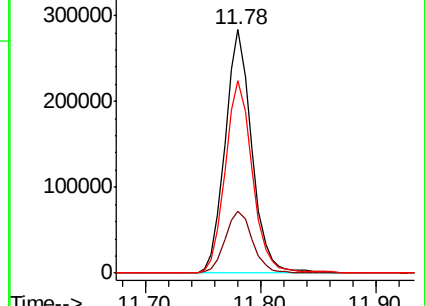
142 79.0 64.4 96.6

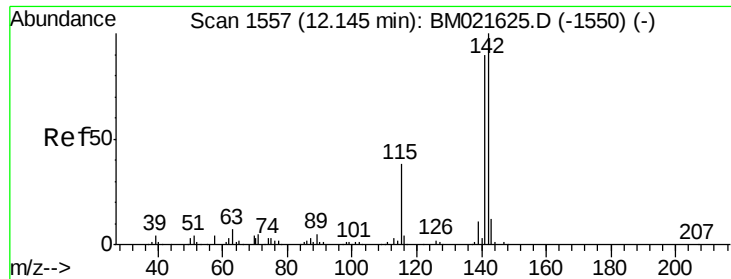


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

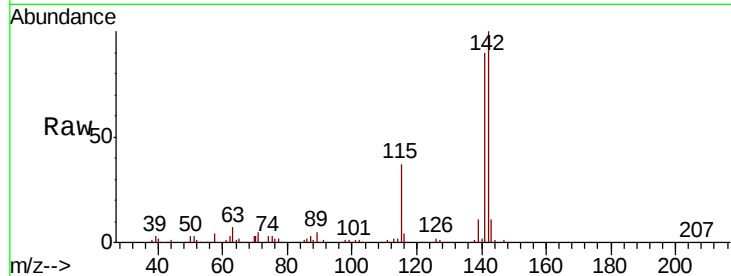




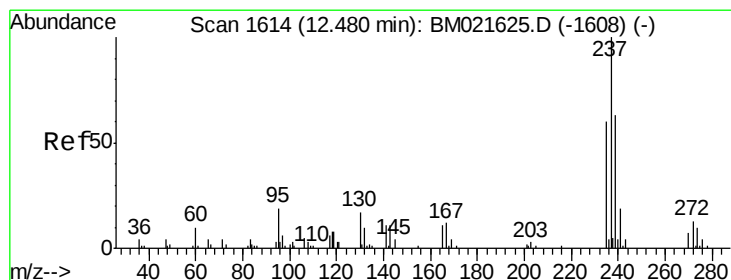
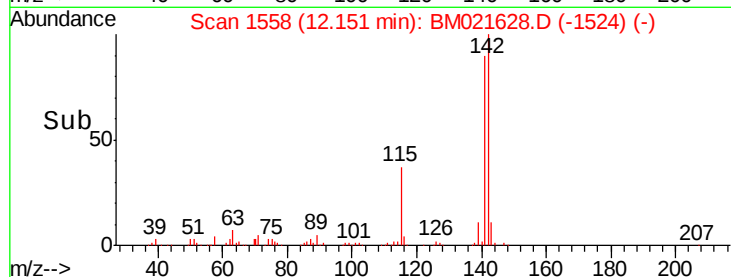
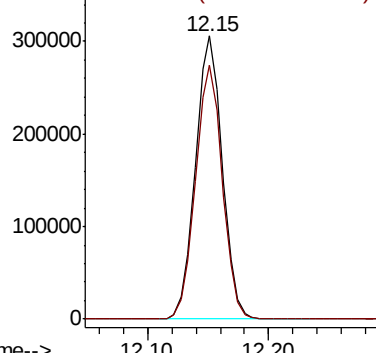
#34
2-Methylnaphthalene
Concen: 32.229 ng/ul
RT: 12.15 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BM021628.D
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X2H37

Tot Ion:142 Resp: 470747
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.4

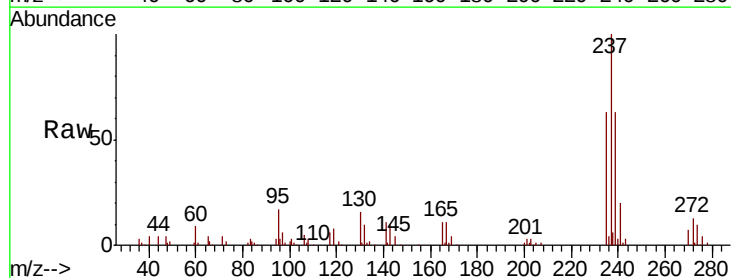


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

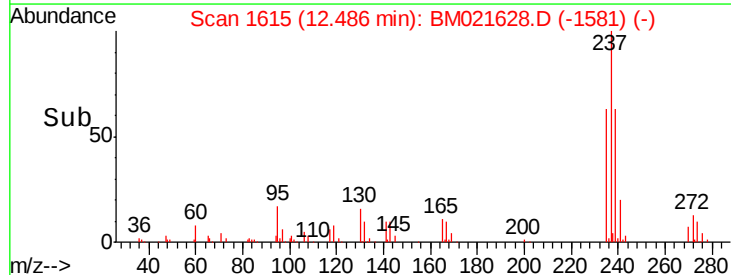
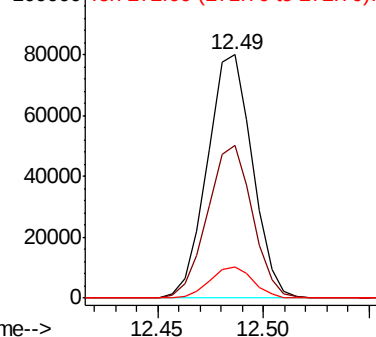


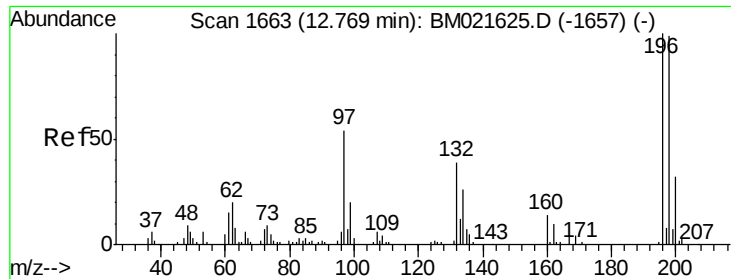
#37
Hexachlorocyclopentadiene
Concen: 27.602 ng/ul
RT: 12.49 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BM021628.D
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Tgt Ion:237 Resp: 118565
Ion Ratio Lower Upper
237 100
235 62.7 50.0 75.0
272 13.4 10.0 15.0



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

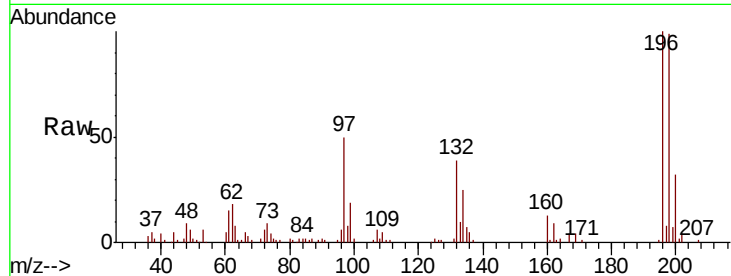




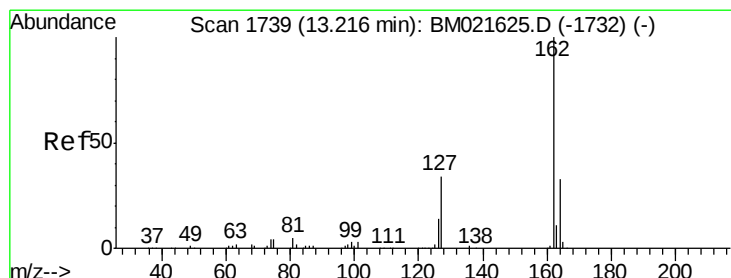
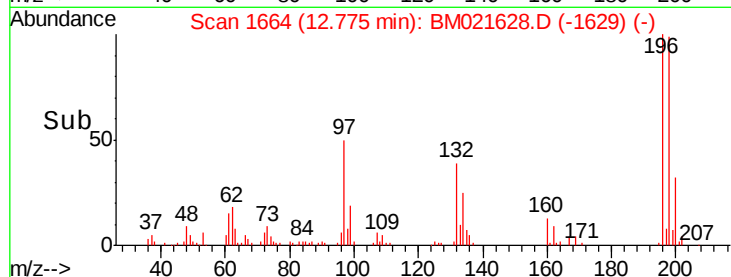
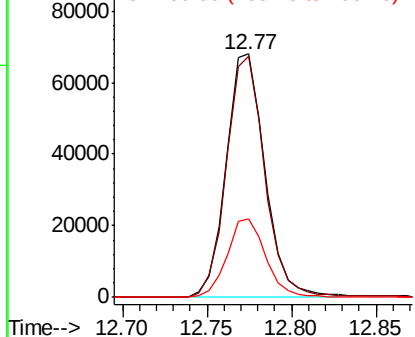
#38
 2,4,6-Trichlorophenol
 Concen: 19.744 ng/ul
 RT: 12.77 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: BM021628.D
 Acq: 24 Jul 2019 15:46

Instrument :
 BNA_M
 ClientSampleId :
 X2H37

Tot Ion:196 Resp: 108717
 Ion Ratio Lower Upper
 196 100
 198 99.1 76.7 115.1
 200 32.5 25.4 38.0

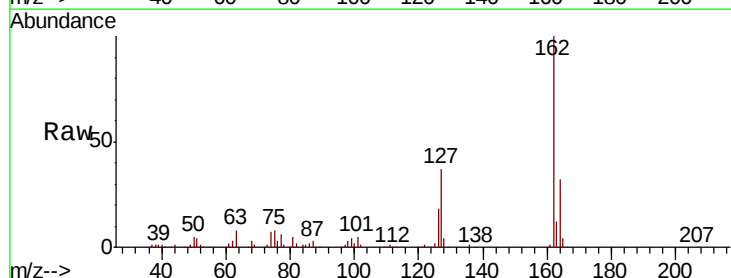


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

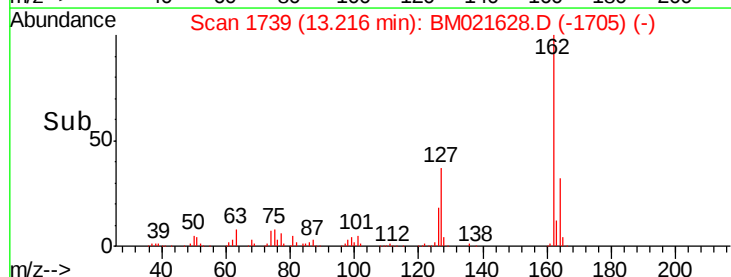
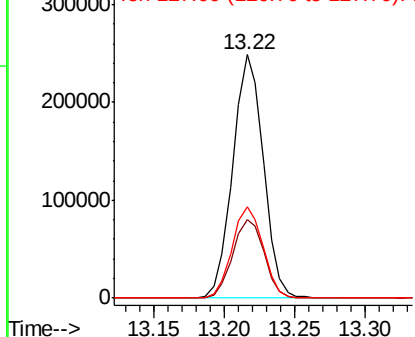


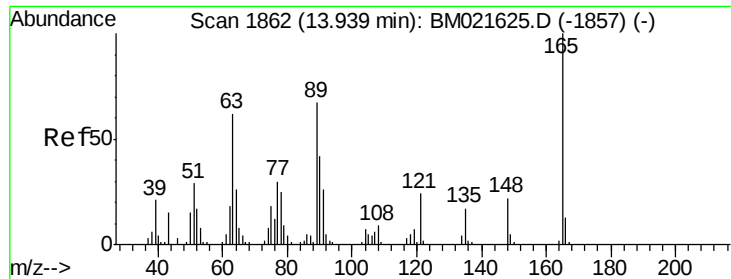
#41
 2-Chloronaphthalene
 Concen: 23.448 ng/ul
 RT: 13.22 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BM021628.D
 Acq: 24 Jul 2019 15:46

Tgt Ion:162 Resp: 376438
 Ion Ratio Lower Upper
 162 100
 164 32.4 26.2 39.2
 127 37.4 30.0 45.0



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

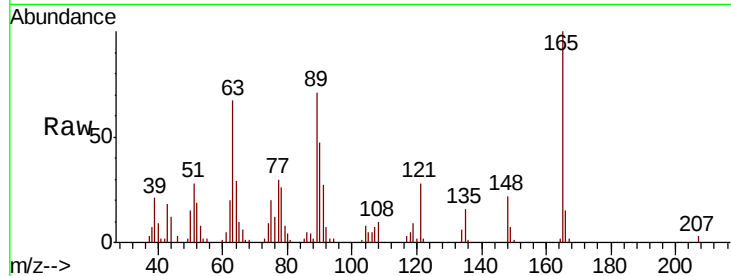




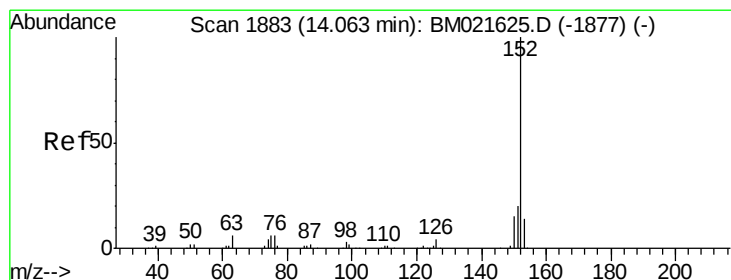
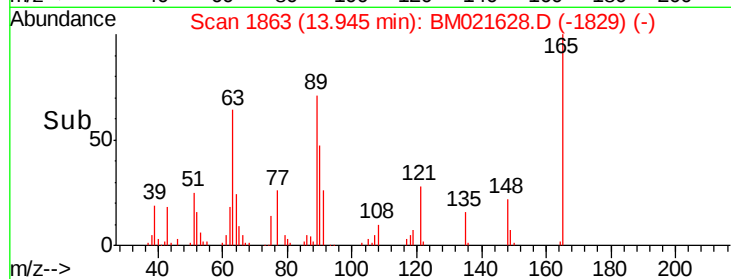
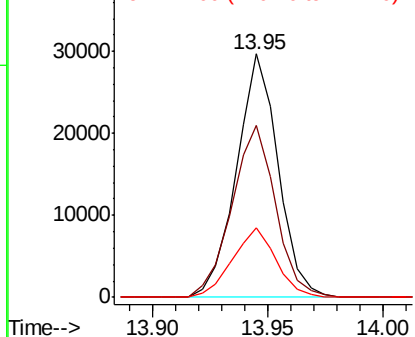
#45
 2,6-Dinitrotoluene
 Concen: 10.539 ng/ul
 RT: 13.95 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: BM021628.D
 Acq: 24 Jul 2019 15:46

Instrument :
 BNA_M
 ClientSampleId :
 X2H37

Tot Ion:165 Resp: 37361
 Ion Ratio Lower Upper
 165 100
 89 70.6 47.4 71.0
 121 28.4 18.5 27.7#

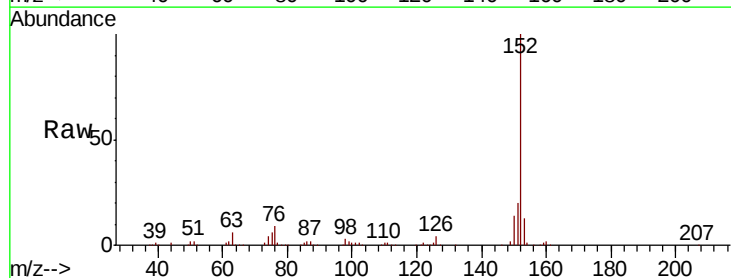


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

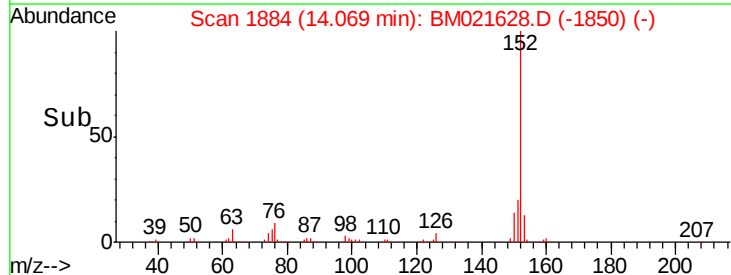
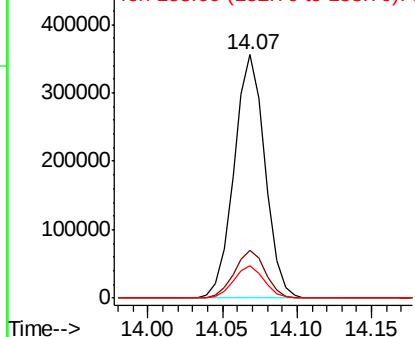


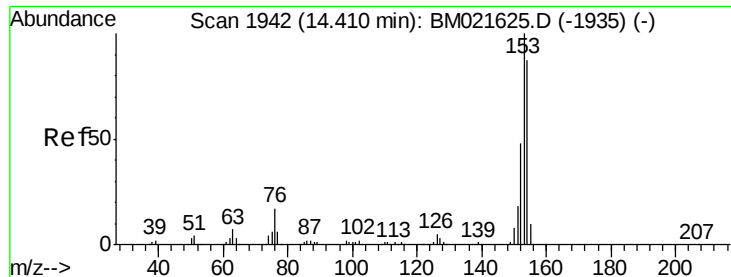
#47
 Acenaphthylene
 Concen: 21.344 ng/ul
 RT: 14.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: BM021628.D
 Acq: 24 Jul 2019 15:46

Tgt Ion:152 Resp: 513068
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.5 24.7
 153 13.1 10.3 15.5



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





#49

Acenaphthene

Concen: 15.371 ng/ul

RT: 14.41 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

Instrument :

BNA_M

ClientSampleId :

X2H37

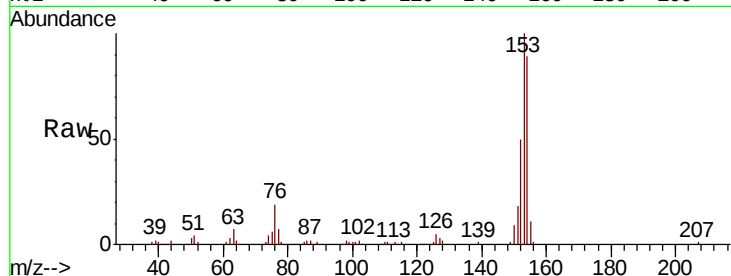
Tot Ion:153 Resp: 271003

Ion Ratio Lower Upper

153 100

152 49.9 38.6 57.8

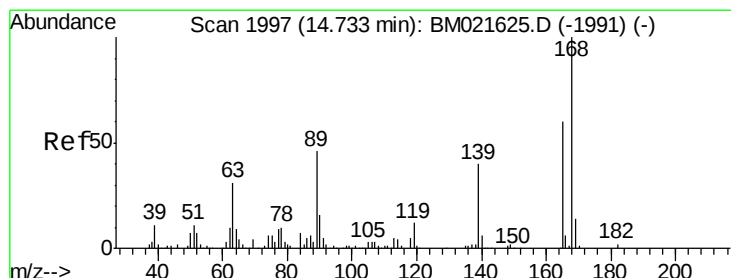
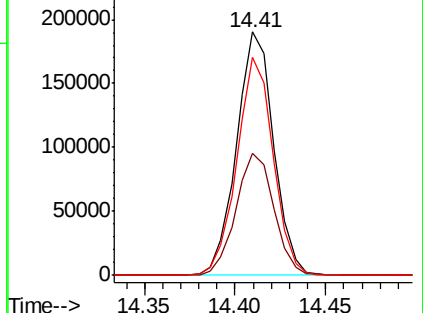
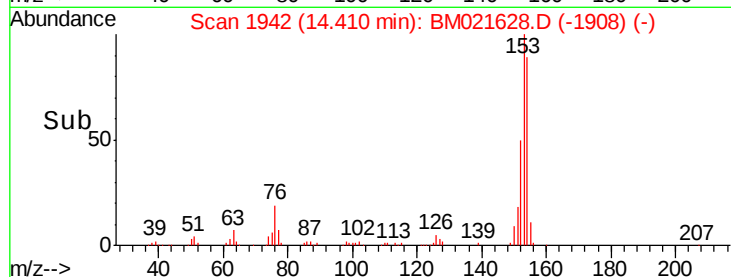
154 89.3 69.0 103.4



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



#54

2,4-Dinitrotoluene

Concen: 34.523 ng/ul

RT: 14.74 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

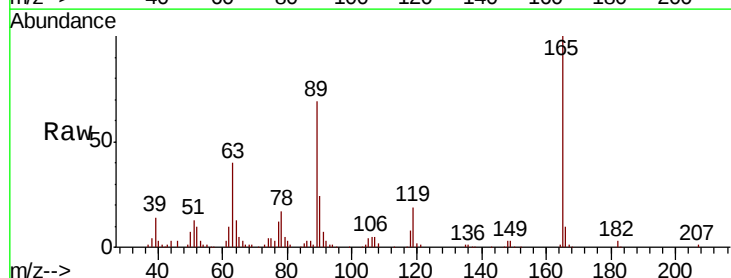
Tgt Ion:165 Resp: 207939

Ion Ratio Lower Upper

165 100

63 39.9 40.4 60.6#

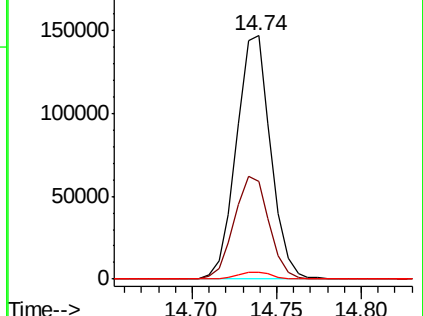
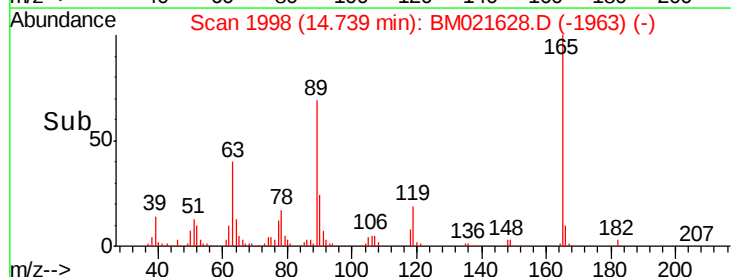
182 3.0 2.2 3.2

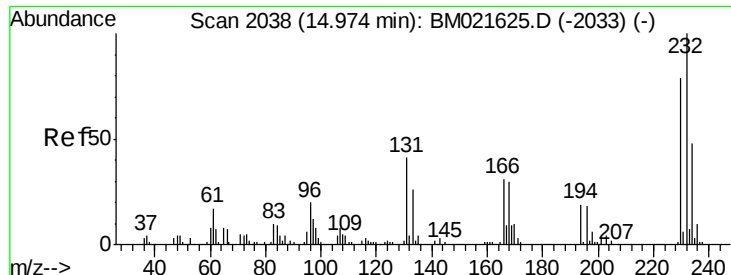


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

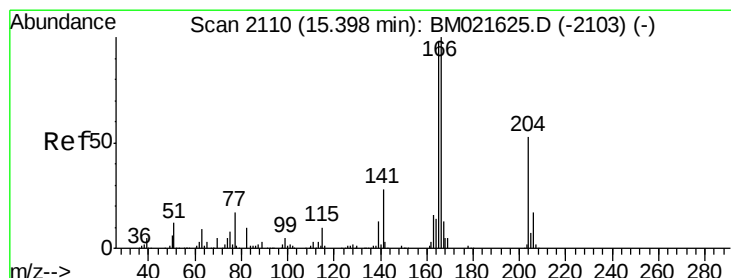
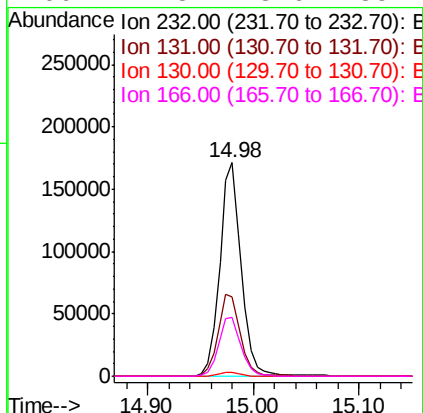
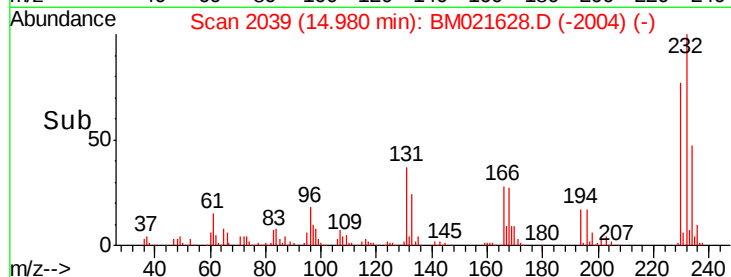
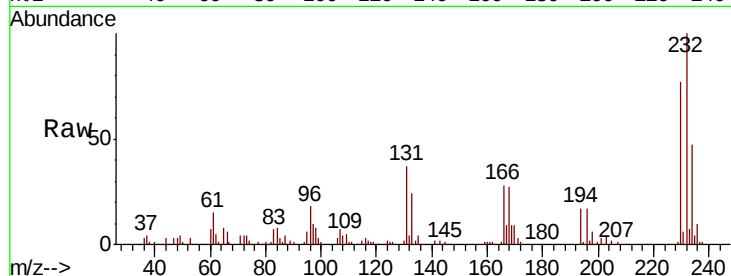




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 42.431 ng/ul
 RT: 14.98 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BM021628.D
 Acq: 24 Jul 2019 15:46

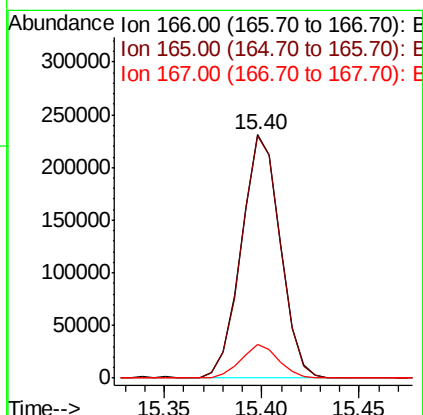
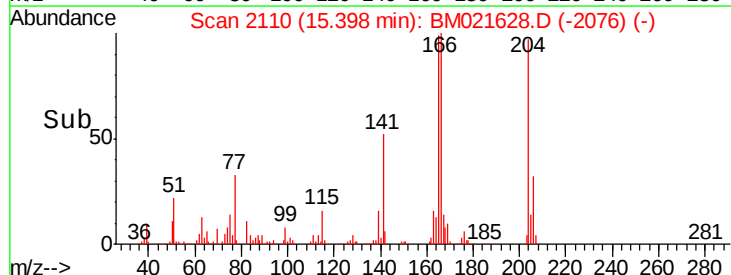
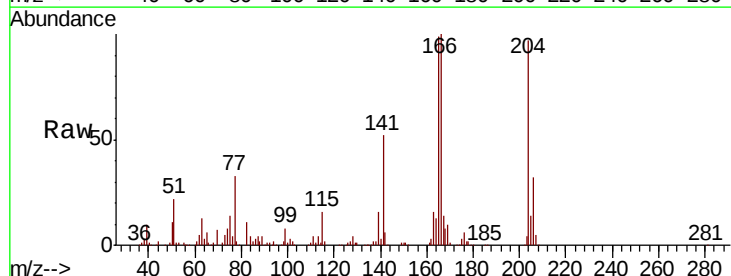
Instrument :
 BNA_M
 ClientSampled :
 X2H37

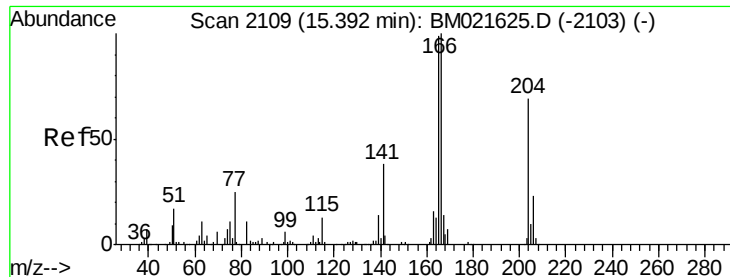
Tot Ion:	232	Resp:	242277
Ion	Ratio	Lower	Upper
232	100		
131	37.2	31.9	47.9
130	1.9	1.8	2.6
166	27.8	23.6	35.4



#58
 Fluorene
 Concen: 14.797 ng/ul
 RT: 15.40 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: BM021628.D
 Acq: 24 Jul 2019 15:46

Tgt Ion:	166	Resp:	318590
Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.4	119.2
167	13.8	10.7	16.1

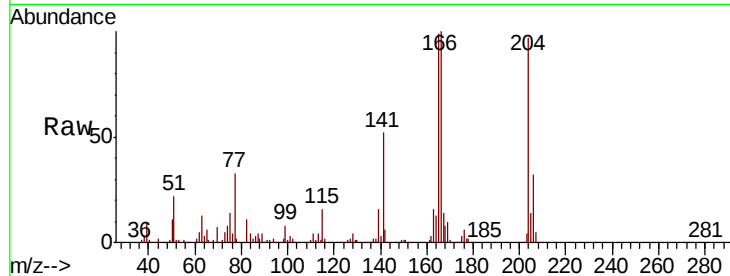




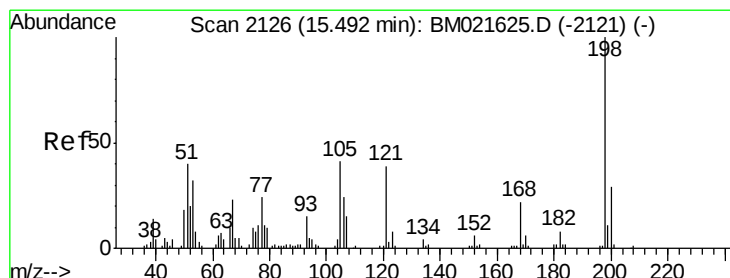
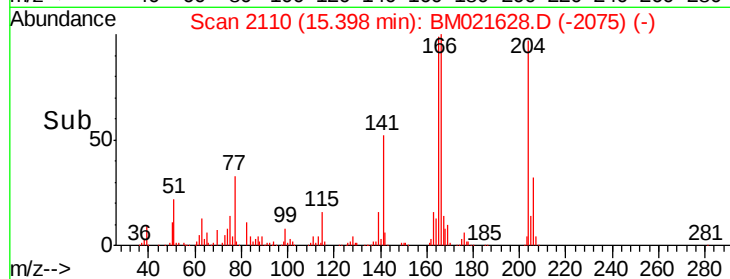
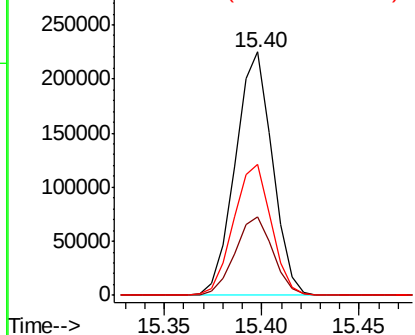
#59
4-Chlorophenyl-phenylether
Concen: 24.790 ng/ul
RT: 15.40 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BM021628.D
Acq: 24 Jul 2019 15:46

Instrument :
BNA_M
ClientSampleId :
X2H37

Tot Ion:204 Resp: 296662
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 53.9 42.4 63.6

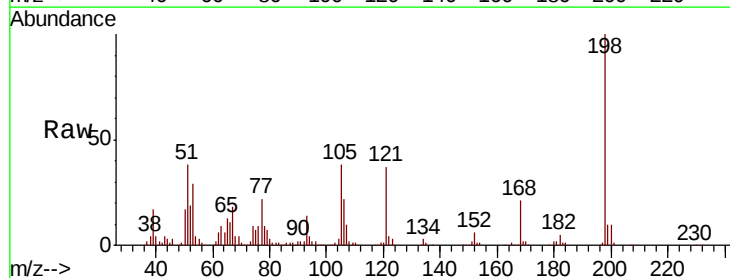


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

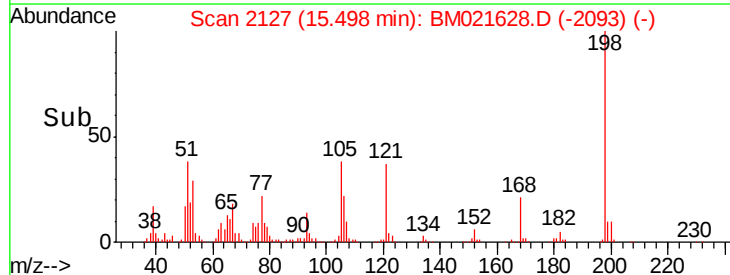
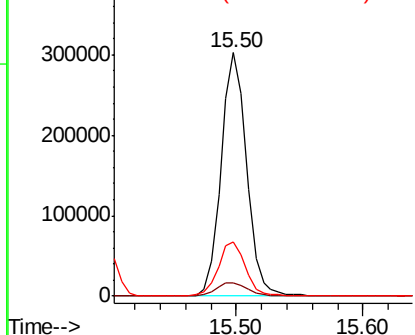


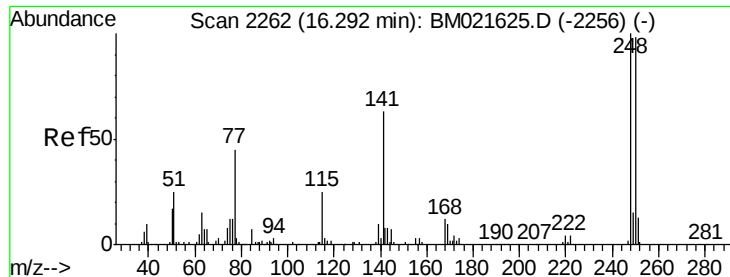
#63
4,6-Dinitro-2-methylphenol
Concen: 104.005 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BM021628.D
Acq: 24 Jul 2019 15:46

Tgt Ion:198 Resp: 423604
Ion Ratio Lower Upper
198 100
182 5.4 5.8 8.6#
77 22.2 20.0 30.0



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): E

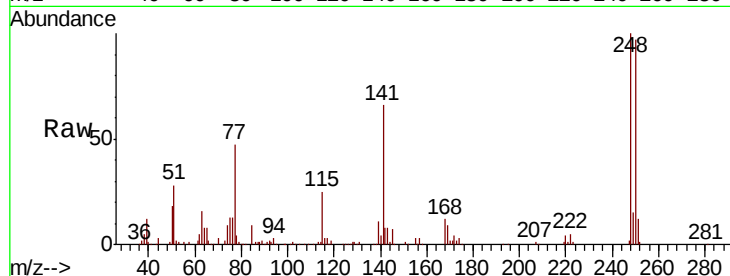




#65
4-Bromophenyl-phenylether
Concen: 31.439 ng/ul
RT: 16.29 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BM021628.D
Acq: 24 Jul 2019 15:46

Instrument :
BNA_M
ClientSampled :
X2H37

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.2	117.2
141	66.4	52.9	79.3

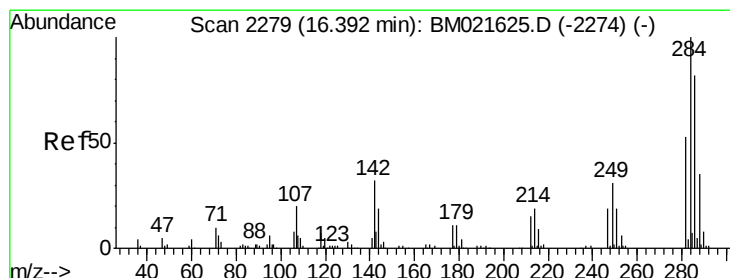
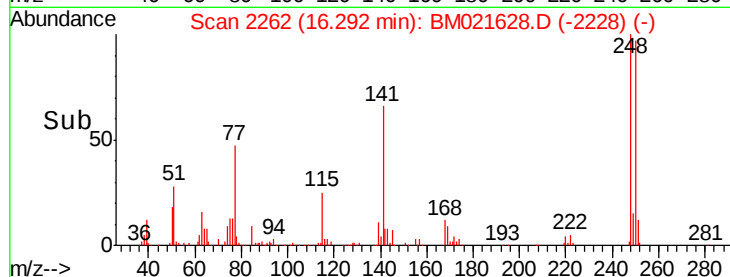
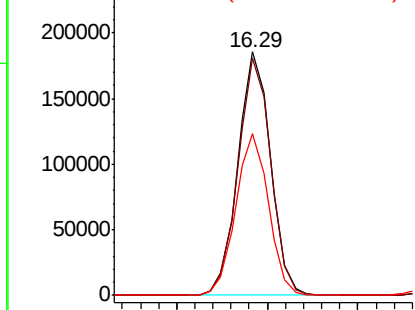


Abundance

Ion 248.00 (247.70 to 248.70): E

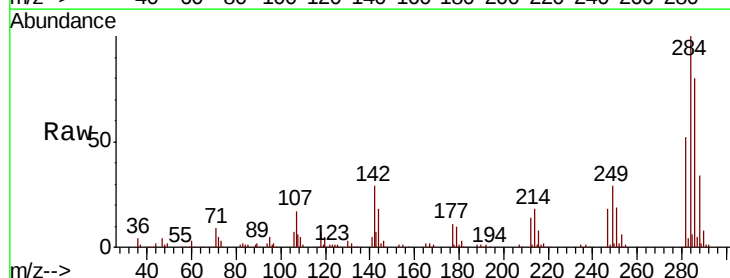
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66
Hexachlorobenzene
Concen: 32.389 ng/ul
RT: 16.40 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BM021628.D
Acq: 24 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	23.3	34.9
249	29.4	23.8	35.8

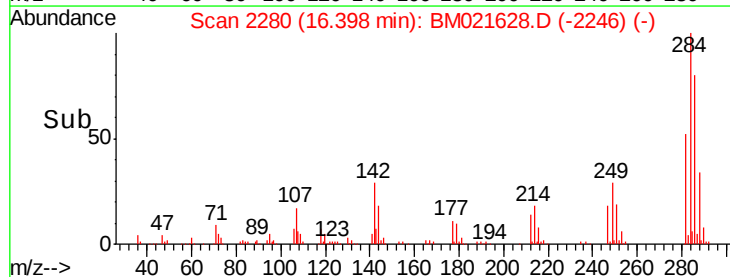
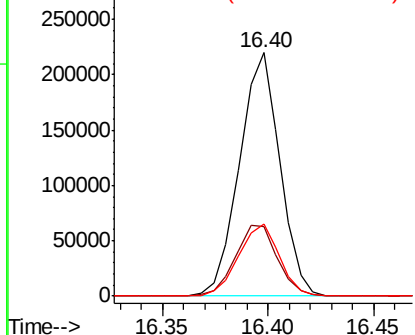


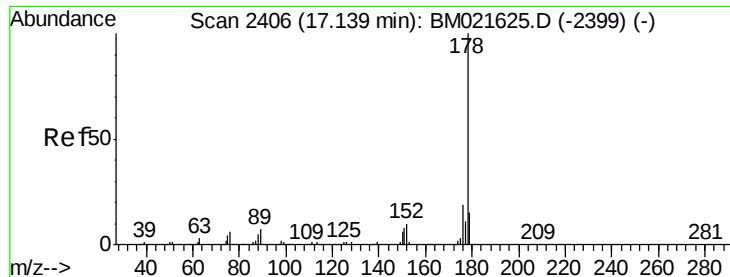
Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

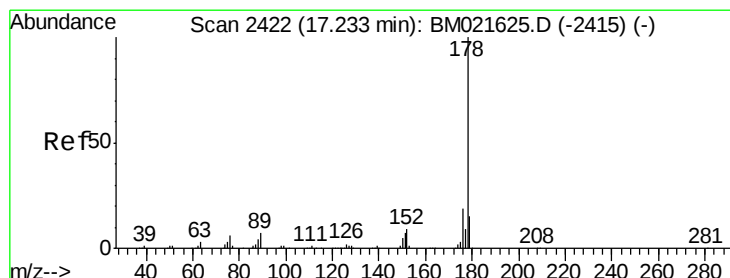
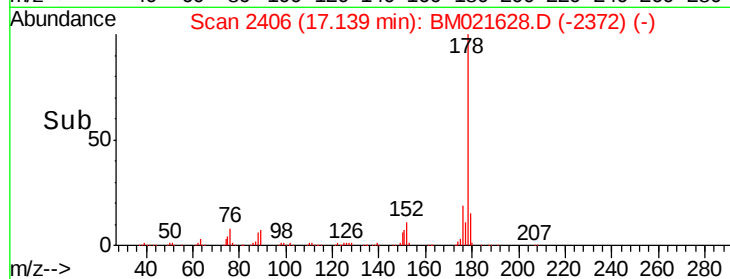
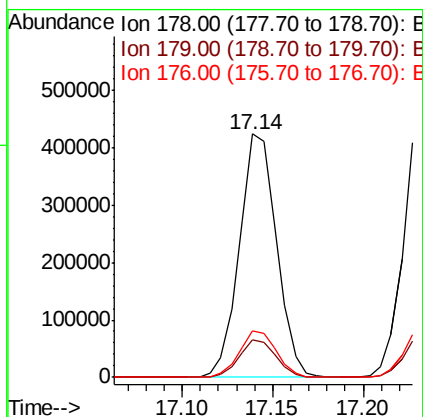
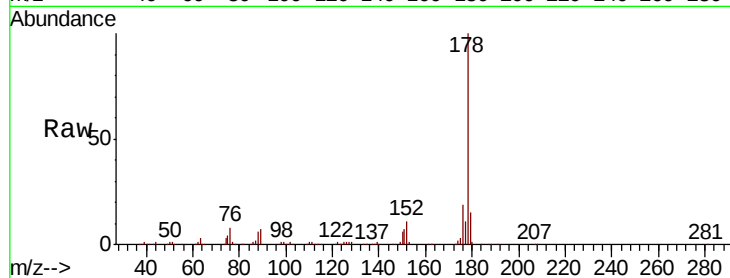




#69
 Phenanthrene
 Concen: 16.855 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BM021628.D
 Acq: 24 Jul 2019 15:46

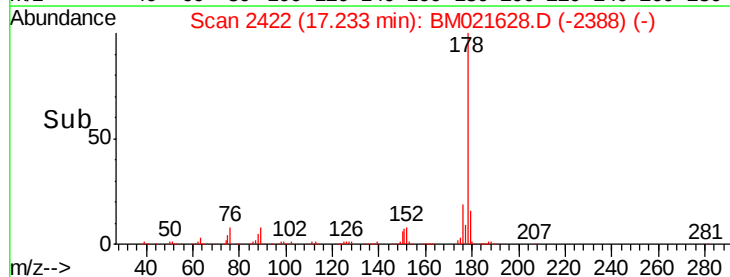
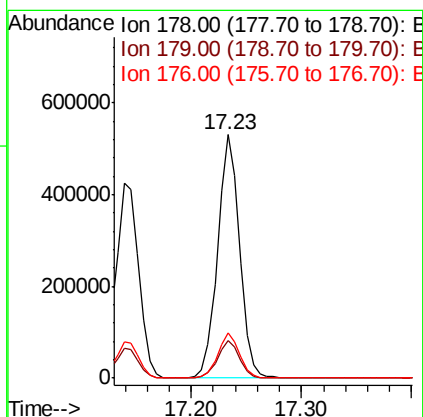
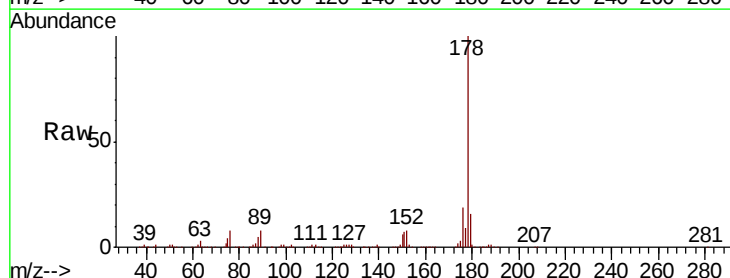
Instrument :
 BNA_M
 ClientSampleId :
 X2H37

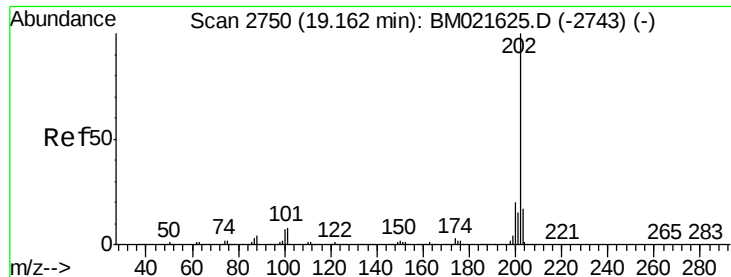
Tot Ion:178 Resp: 604983
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.2
 176 18.9 15.0 22.4



#71
 Anthracene
 Concen: 20.184 ng/ul
 RT: 17.23 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BM021628.D
 Acq: 24 Jul 2019 15:46

Tgt Ion:178 Resp: 732692
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.4 18.6
 176 18.7 14.6 21.8





#76

Fluoranthene

Concen: 44.553 ng/ul

RT: 19.16 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

Instrument :

BNA_M

ClientSampleId :

X2H37

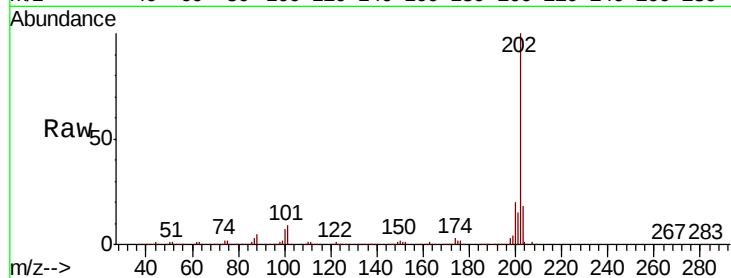
Tot Ion:202 Resp: 1982413

Ion Ratio Lower Upper

202 100

101 8.8 7.2 10.8

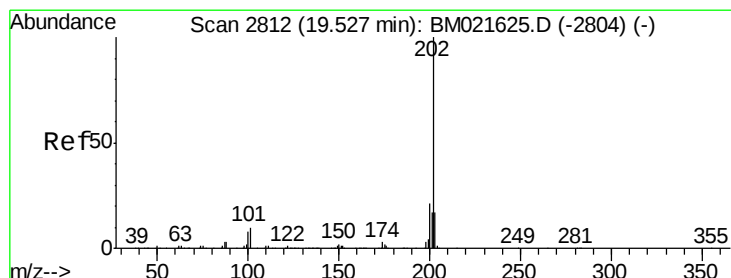
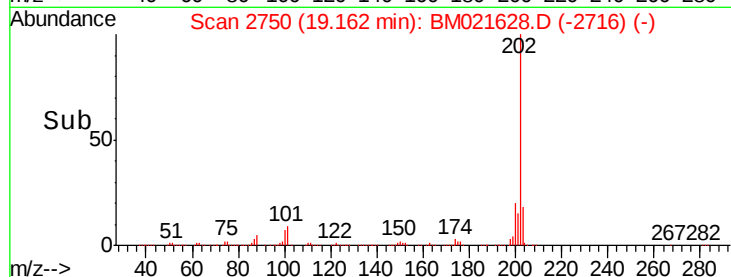
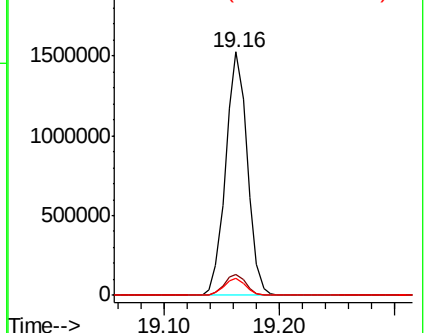
100 6.8 5.6 8.4



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



#79

Pyrene

Concen: 16.517 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

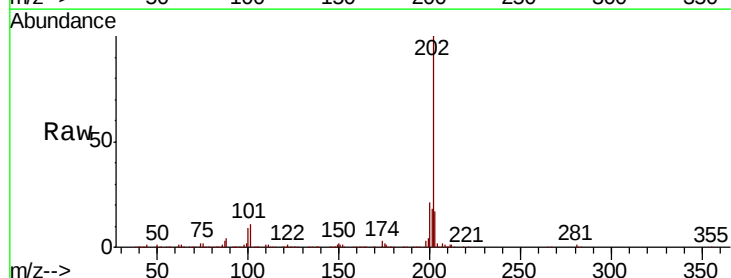
Tgt Ion:202 Resp: 814190

Ion Ratio Lower Upper

202 100

101 10.7 8.6 13.0

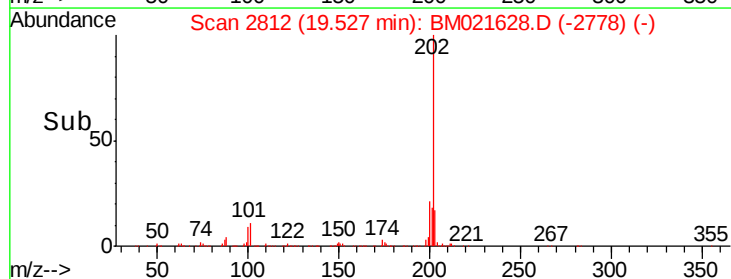
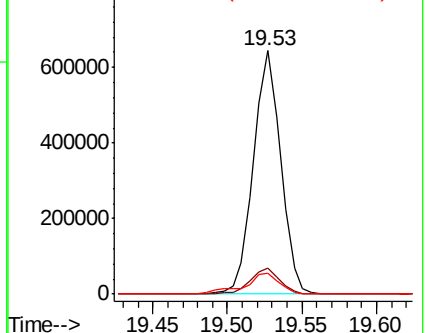
100 8.7 7.1 10.7

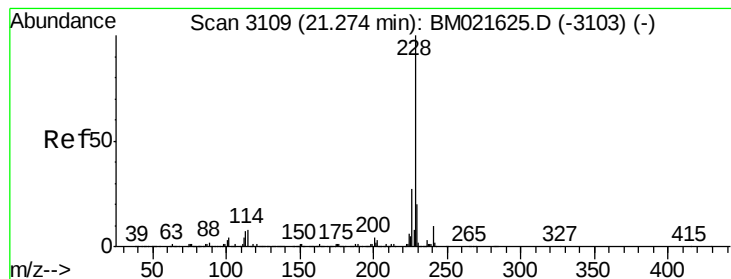


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 15.683 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

Instrument :

BNA_M

ClientSampleId :

X2H37

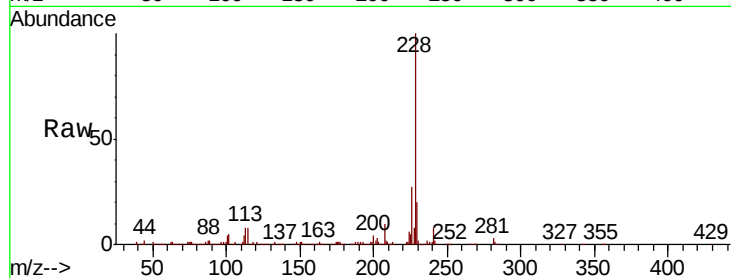
Tot Ion:228 Resp: 850785

Ion Ratio Lower Upper

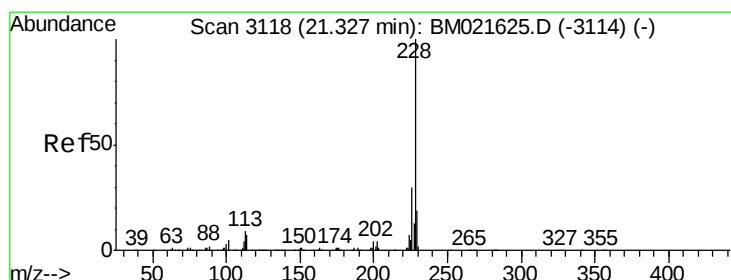
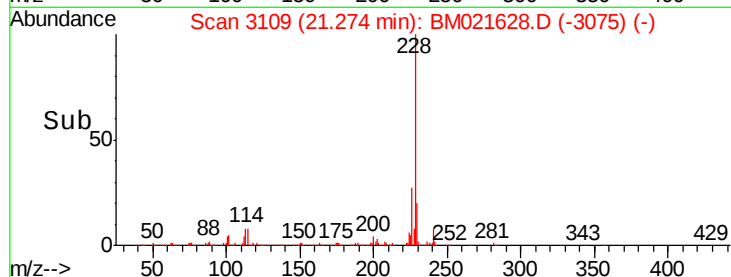
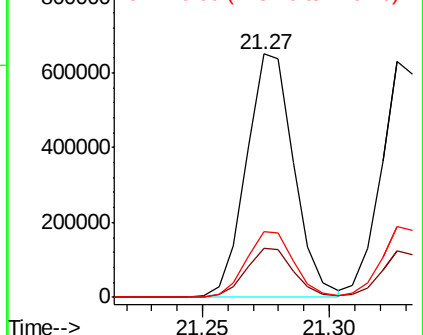
228 100

229 20.0 15.8 23.6

226 27.2 21.7 32.5



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



#84

Chrysene

Concen: 15.790 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

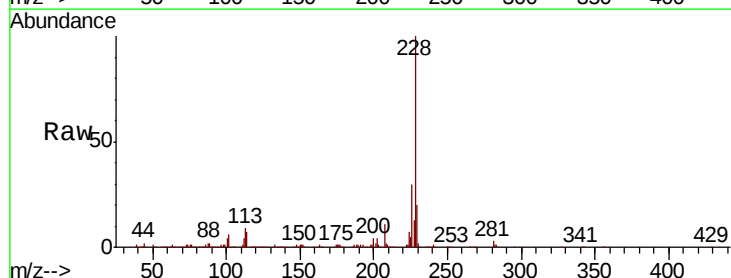
Tgt Ion:228 Resp: 816897

Ion Ratio Lower Upper

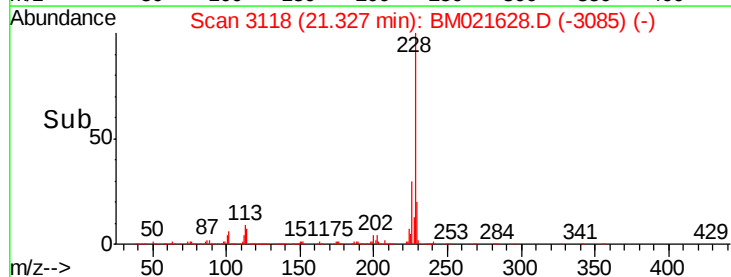
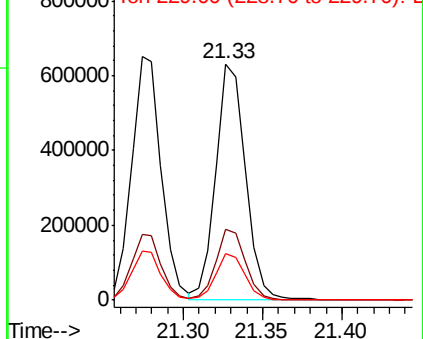
228 100

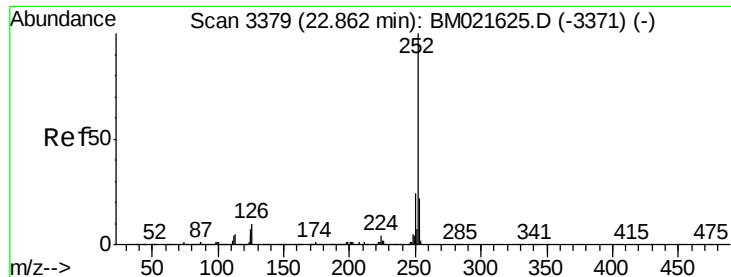
226 29.8 24.2 36.2

229 19.7 15.4 23.2



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: 54.352 ng/ul

RT: 22.87 min Scan# 3380

Delta R.T. 0.00 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

Instrument :

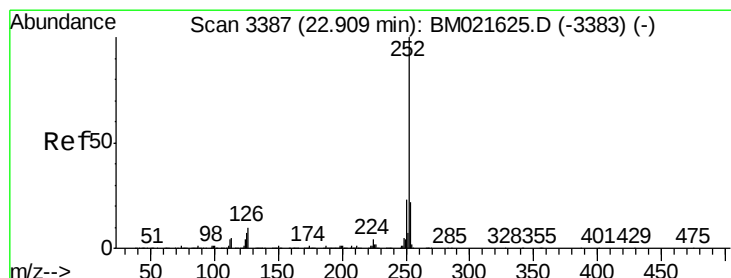
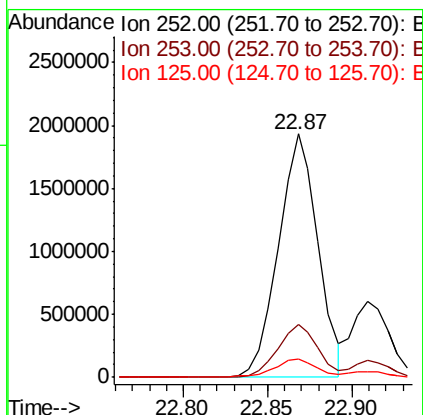
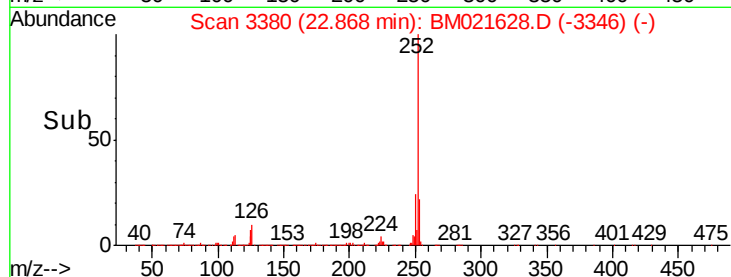
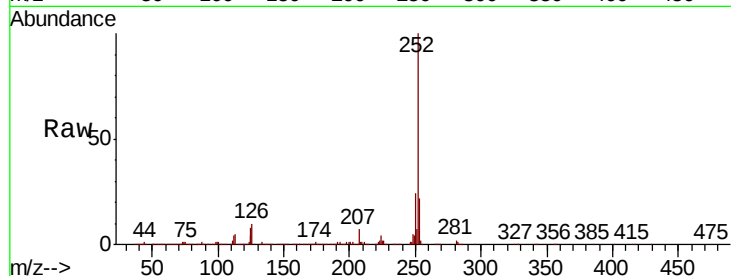
BNA_M

ClientSampleId :

X2H37

Tot Ion:252 Resp: 3131877

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.5	5.8	8.6



#88

Benzo(k)fluoranthene

Concen: 16.537 ng/ul

RT: 22.91 min Scan# 3387

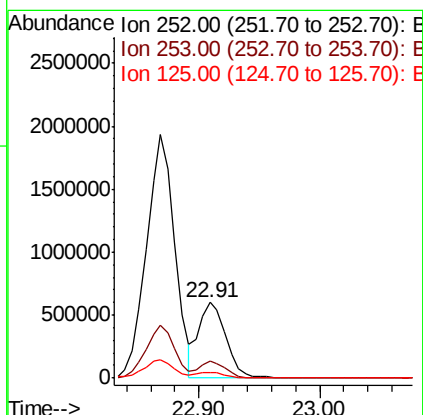
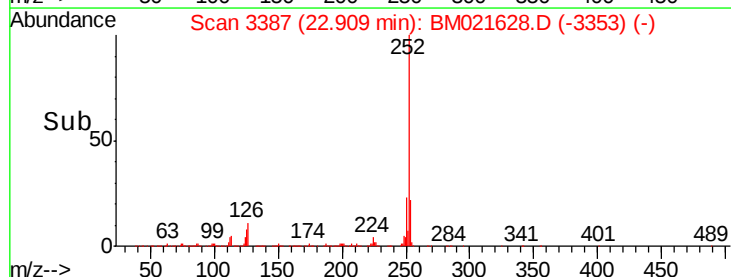
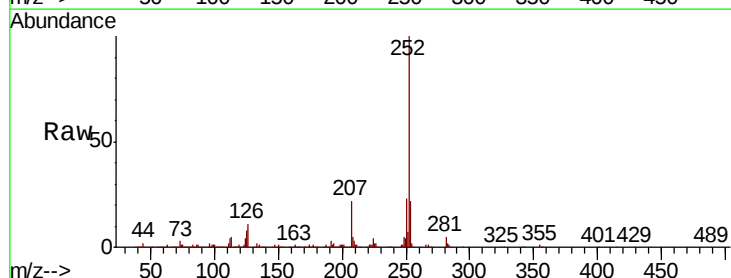
Delta R.T. 0.00 min

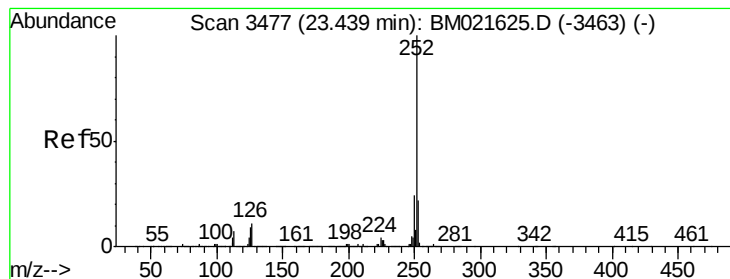
Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

Tgt Ion:252 Resp: 934807

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.0	6.4	9.6

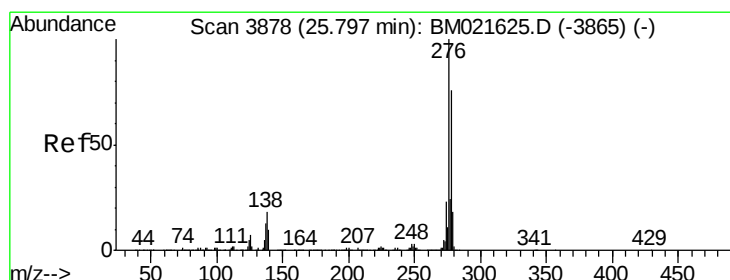
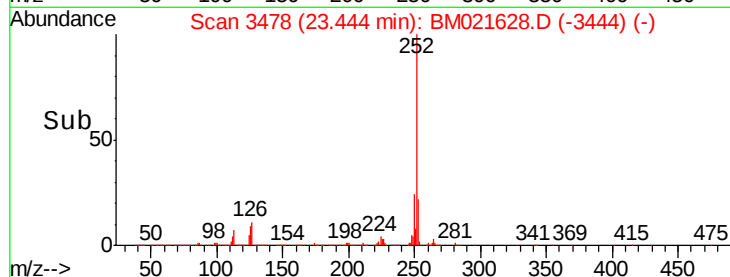
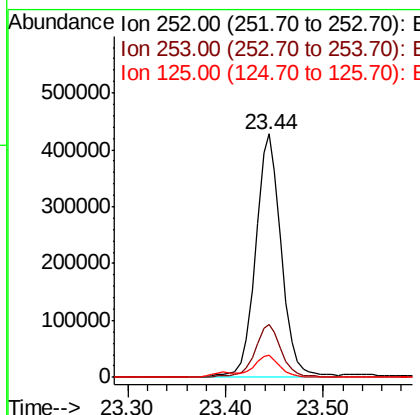
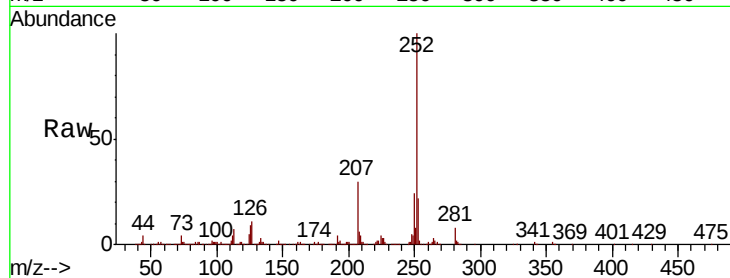




#90
Benzo(a)pyrene
Concen: 14.154 ng/ul
RT: 23.44 min Scan# 3478
Delta R.T. 0.00 min
Lab File: BM021628.D
Acq: 24 Jul 2019 15:46

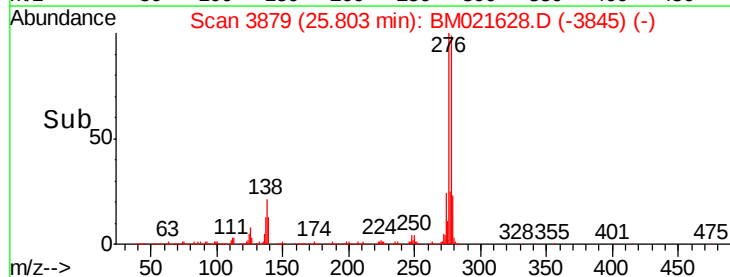
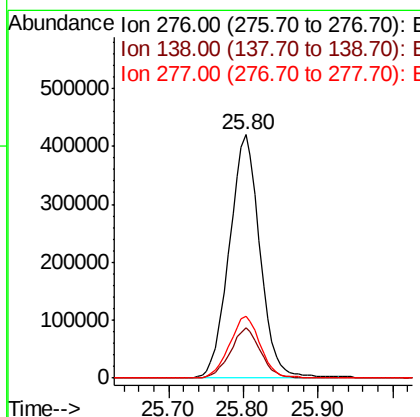
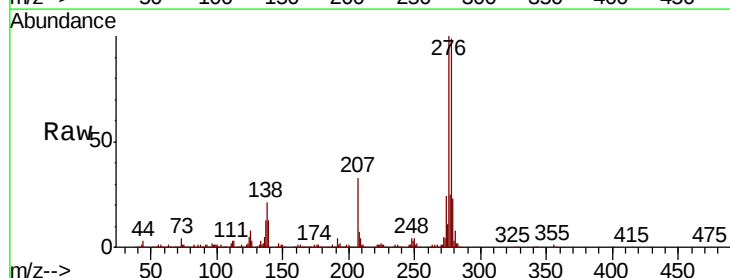
Instrument :
BNA_M
ClientSampleId :
X2H37

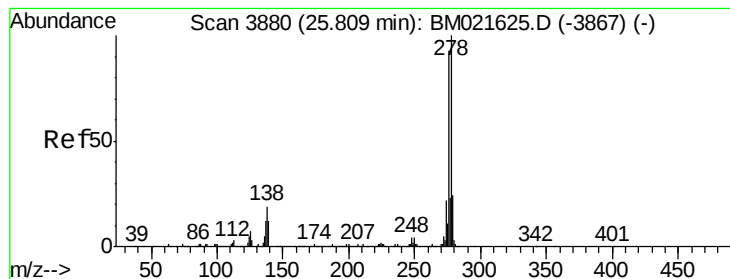
Tot Ion:252 Resp: 783133
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.0 7.0 10.4



#91
Indeno(1,2,3-cd)pyrene
Concen: 17.840 ng/ul
RT: 25.80 min Scan# 3879
Delta R.T. 0.00 min
Lab File: BM021628.D
Acq: 24 Jul 2019 15:46

Tgt Ion:276 Resp: 1198722
Ion Ratio Lower Upper
276 100
138 20.5 15.2 22.8
277 25.5 20.2 30.2





#92

Dibenzo(a,h)anthracene

Concen: 21.360 ng/ul

RT: 25.81 min Scan# 3880

Delta R.T. -0.01 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

Instrument :

BNA_M

ClientSampleId :

X2H37

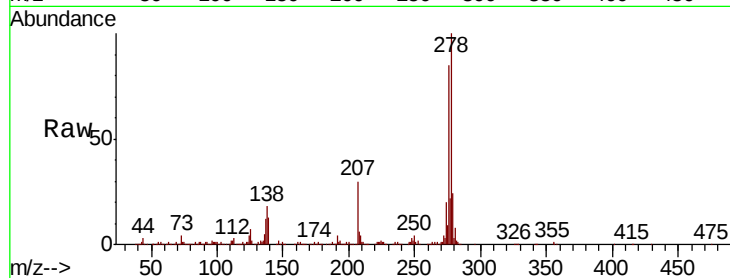
Tot Ion:278 Resp: 1207102

Ion Ratio Lower Upper

278 100

139 12.8 9.9 14.9

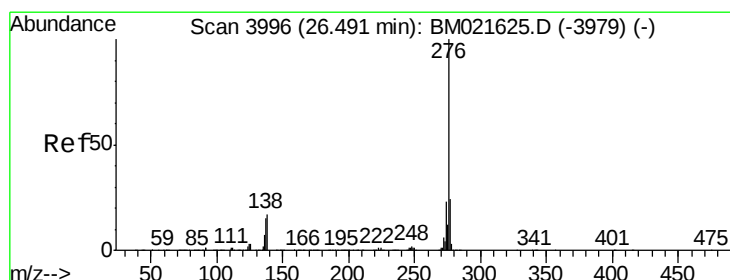
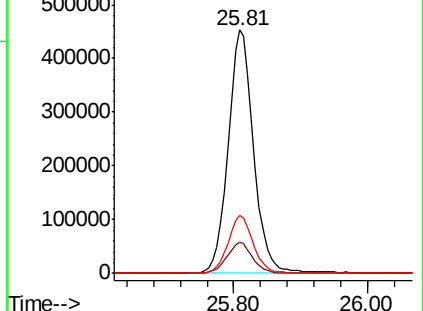
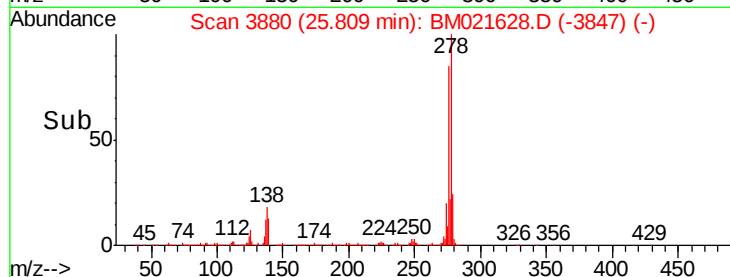
279 23.7 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 19.258 ng/ul

RT: 26.50 min Scan# 3997

Delta R.T. 0.01 min

Lab File: BM021628.D

Acq: 24 Jul 2019 15:46

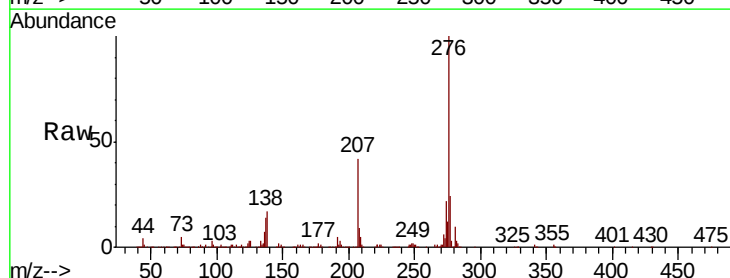
Tgt Ion:276 Resp: 1048012

Ion Ratio Lower Upper

276 100

138 17.4 13.7 20.5

277 23.6 19.0 28.6



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

