

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021633.D
 Acq On : 25 Jul 2019 11:16
 Operator : HP/JU
 Sample : K3764-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52S7

Quant Time: Jul 25 11:57:46 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	94697	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	430446	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	308345	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	754100	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	975173	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1137292	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	7663	4.41	ng/uL	0.00
5) Phenol-d5	6.87	99	232462	28.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	133112	28.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	185310	29.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	179864	26.22	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	96011	30.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	99546	29.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	234290	30.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	252801	34.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	793885	30.05	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	920207	28.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	97669	21.55	ng/ul	0.00
57) Fluorene-d10	15.34	176	735351	30.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	79305	16.79	ng/ul	0.00
70) Anthracene-d10	17.20	188	1223701	32.98	ng/ul	0.00
78) Pyrene-d10	19.50	212	1569984	32.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	2068376	34.06	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	32733	16.610	ng/uL# 88
8) Bis(2-Chloroethyl)ether	7.14	93	232157	40.623	ng/ul 98
10) 2-Chlorophenol	7.27	128	208729	34.360	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	233445	30.839	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.51	70	102727	20.279	ng/ul 97
17) Hexachloroethane	8.76	117	73252	27.080	ng/ul 95
20) Nitrobenzene	8.91	77	262002	33.266	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.91	93	244752	27.762	ng/ul 99
27) 2,4-Dichlorophenol	10.13	162	221230	31.054	ng/ul 99
28) Naphthalene	10.53	128	548103	25.127	ng/ul 99
31) Hexachlorobutadiene	10.80	225	104078	20.690	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	133772	12.578	ng/ul 97
37) Hexachlorocyclopentadiene	12.48	237	97697	19.174	ng/ul 100
38) 2,4,6-Trichlorophenol	12.77	196	240600	36.837	ng/ul 99
39) 2,4,5-Trichlorophenol	12.85	196	189383	26.641	ng/ul 99
41) 2-Chloronaphthalene	13.22	162	488930	25.675	ng/ul 99
44) Dimethylphthalate	13.81	163	922777	36.383	ng/ul 100
45) 2,6-Dinitrotoluene	13.94	165	60592	14.409	ng/ul# 93
47) Acenaphthylene	14.07	152	658974	23.110	ng/ul 99
49) Acenaphthene	14.41	153	400053	19.129	ng/ul 99
53) Dibenzofuran	14.74	168	676992	21.925	ng/ul 98
54) 2,4-Dinitrotoluene	14.74	165	91227	12.769	ng/ul# 68
56) Diethylphthalate	15.17	149	586687	23.867	ng/ul 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021633.D
 Acq On : 25 Jul 2019 11:16
 Operator : HP/JU
 Sample : K3764-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52S7

Quant Time: Jul 25 11:57:46 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)

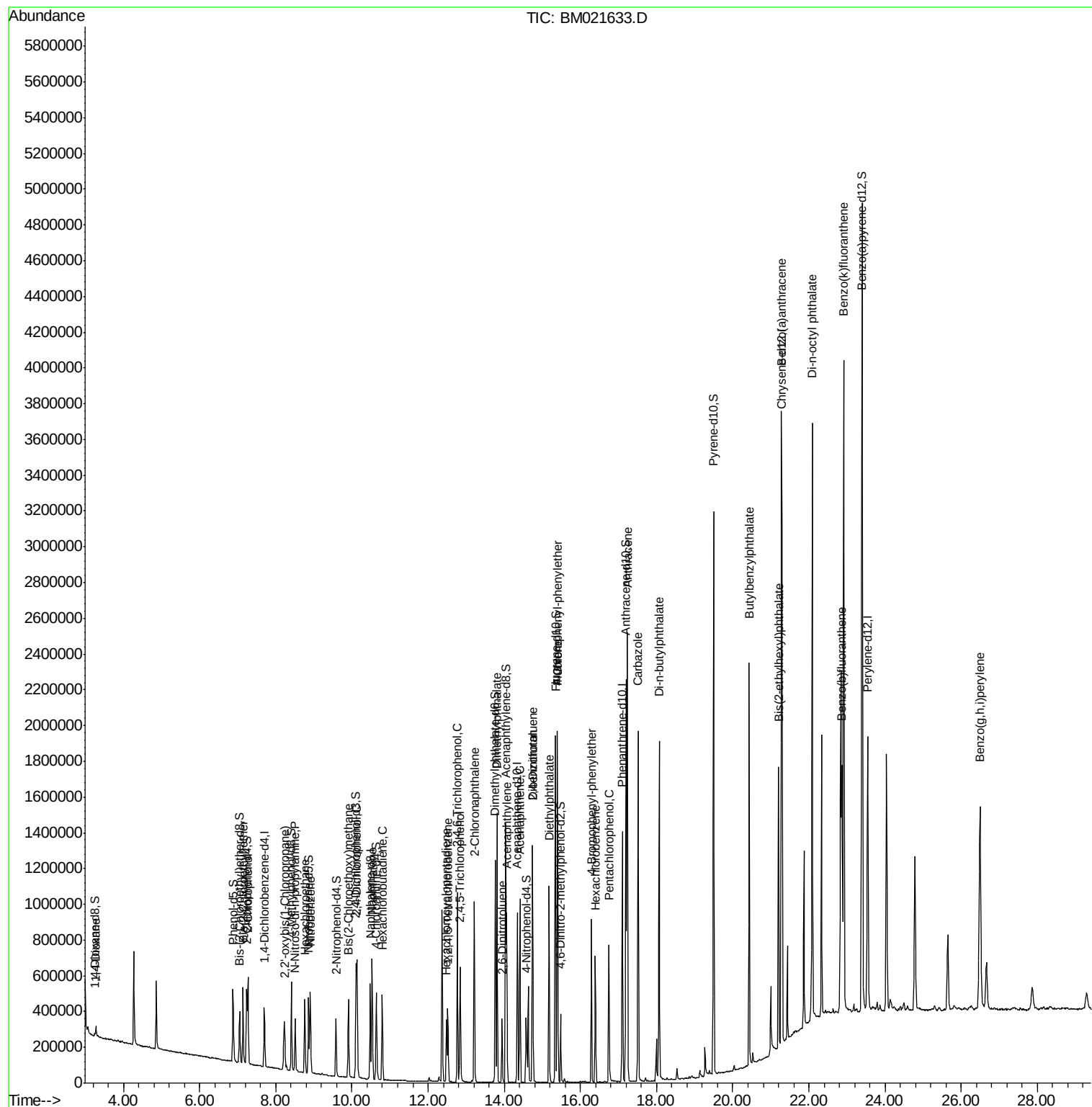
58) Fluorene	15.40	166	575869	22.549	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	187974	13.242	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	181076	21.397	ng/ul	99
66) Hexachlorobenzene	16.39	284	155610	15.072	ng/ul	97
68) Pentachlorophenol	16.75	266	148965	25.356	ng/ul	99
71) Anthracene	17.23	178	1505684	36.186	ng/ul	99
74) Carbazole	17.52	167	1254968	35.168	ng/ul	100
75) Di-n-butylphthalate	18.07	149	1215775	32.429	ng/ul	100
80) Butylbenzylphthalate	20.43	149	586994	32.215	ng/ul	99
82) Benzo(a)anthracene	21.28	228	1683682	26.337	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	500571	18.782	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	1961350	38.137	ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	970187	14.110	ng/ul	99
88) Benzo(k)fluoranthene	22.91	252	2583007	38.294	ng/ul	99
93) Benzo(a,h,i)perylene	26.50	276	1563943	24.084	ng/ul	99

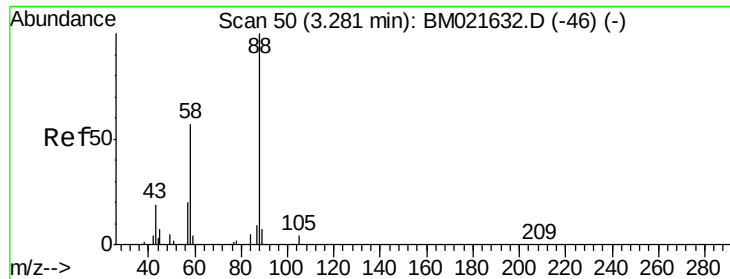
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021633.D
Acq On : 25 Jul 2019 11:16
Operator : HP/JU
Sample : K3764-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52S7

Quant Time: Jul 25 11:57:46 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





#2

1,4-Dioxane

Concen: 16.610 ng/uL

RT: 3.28 min Scan# 50

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Instrument :

BNA_M

ClientSampleId :

A52S7

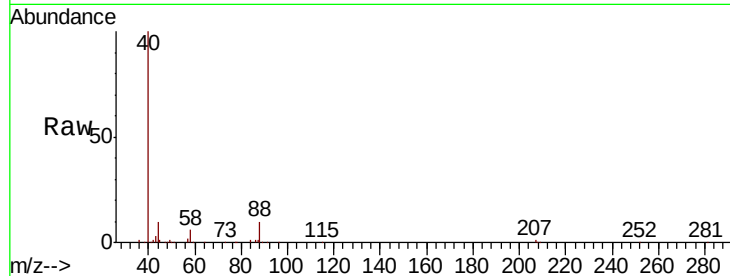
Tot Ion: 88 Resp: 32733

Ion Ratio Lower Upper

88 100

43 32.8 33.5 50.3#

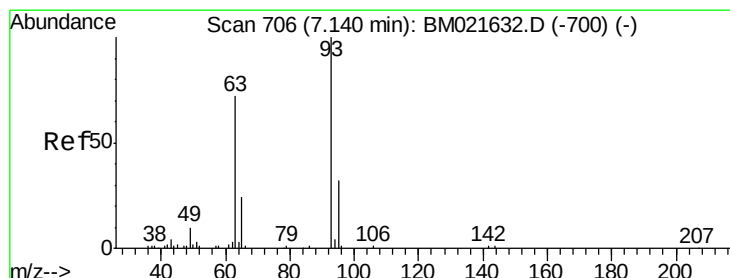
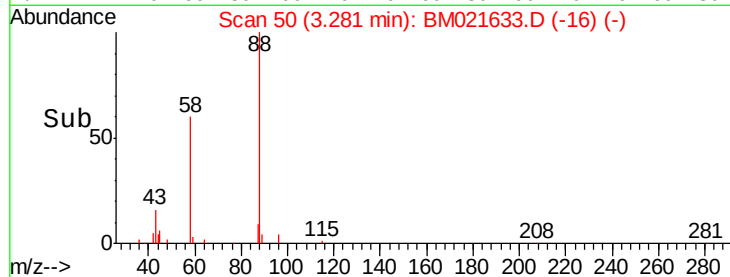
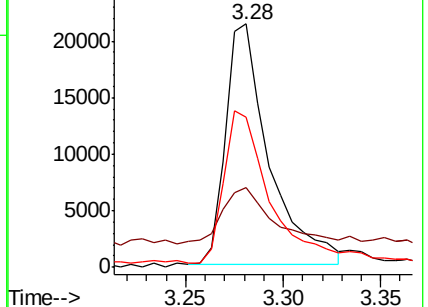
58 61.9 56.2 84.2



Abundance Ion 88.00 (87.70 to 88.70): BM021633.D (-16) (-)

Ion 43.00 (42.70 to 43.70): BM021633.D (-16) (-)

Ion 58.00 (57.70 to 58.70): BM021633.D (-16) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 40.623 ng/uL

RT: 7.14 min Scan# 706

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

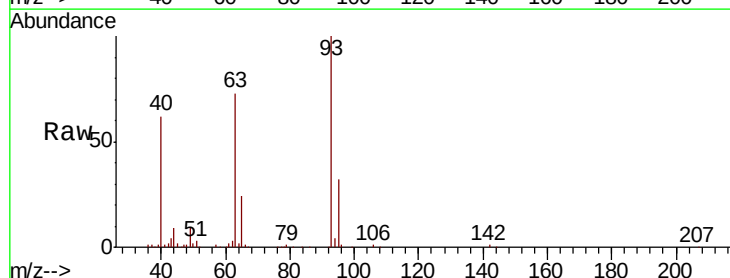
Tgt Ion: 93 Resp: 232157

Ion Ratio Lower Upper

93 100

63 73.1 57.3 85.9

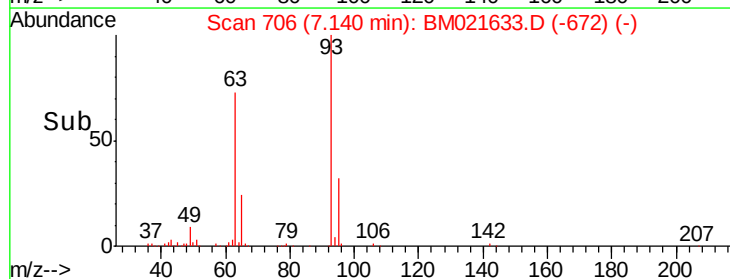
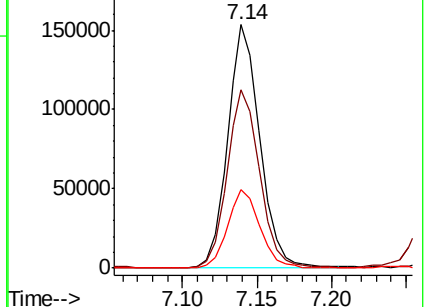
95 32.5 24.9 37.3

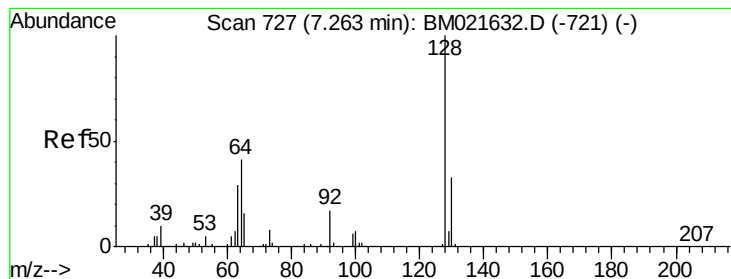


Abundance Ion 93.00 (92.70 to 93.70): BM021633.D (-672) (-)

Ion 63.00 (62.70 to 63.70): BM021633.D (-672) (-)

Ion 95.00 (94.70 to 95.70): BM021633.D (-672) (-)





#10

2-Chlorophenol

Concen: 34.360 ng/ul

RT: 7.27 min Scan# 728

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Instrument :

BNA_M

ClientSampleId :

A52S7

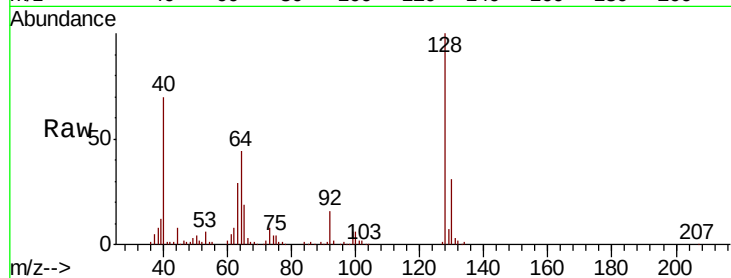
Tot Ion:128 Resp: 208729

Ion Ratio Lower Upper

128 100

64 44.0 35.2 52.8

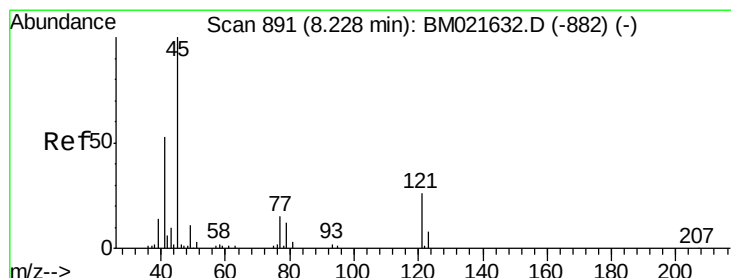
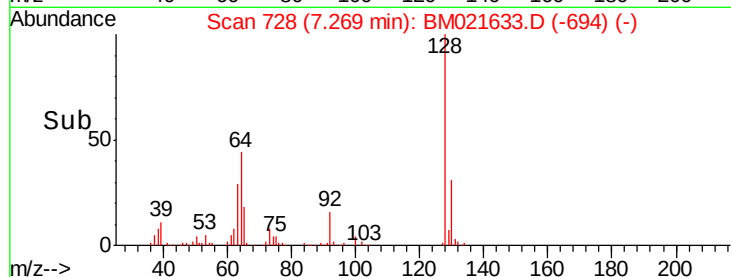
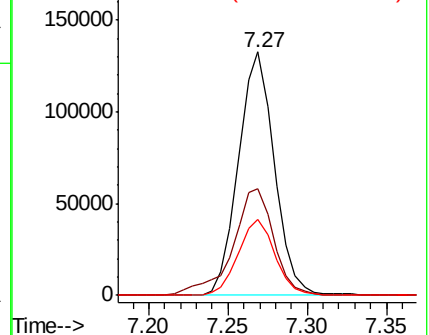
130 31.0 24.7 37.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#12

2,2'-oxybis(1-Chloropropane)

Concen: 30.839 ng/ul

RT: 8.22 min Scan# 890

Delta R.T. -0.01 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

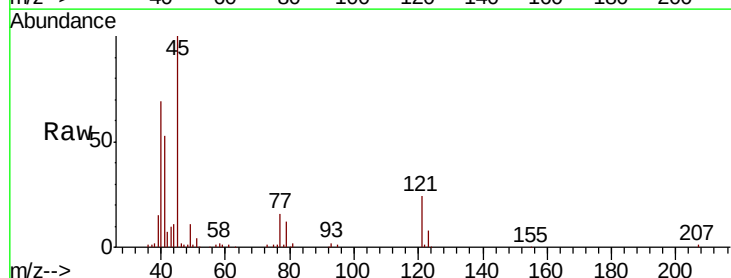
Tgt Ion: 45 Resp: 233445

Ion Ratio Lower Upper

45 100

77 16.2 13.7 20.5

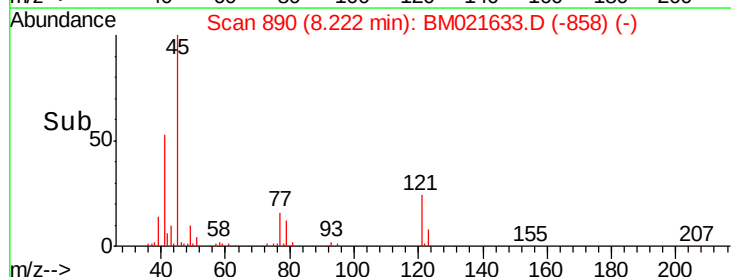
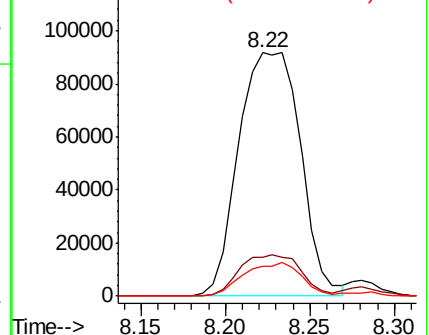
79 12.0 10.2 15.2

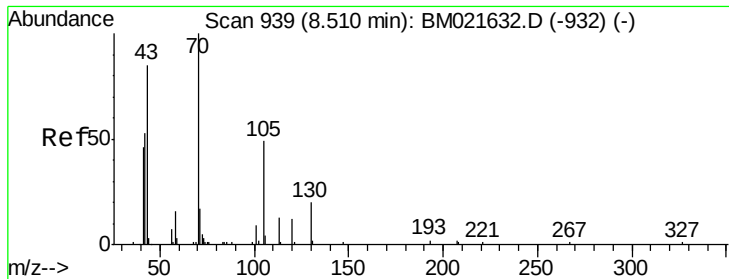


Abundance Ion 45.00 (44.70 to 45.70): BM

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM





#15

N-Nitroso-di-n-propylamine

Concen: 20.279 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Instrument :

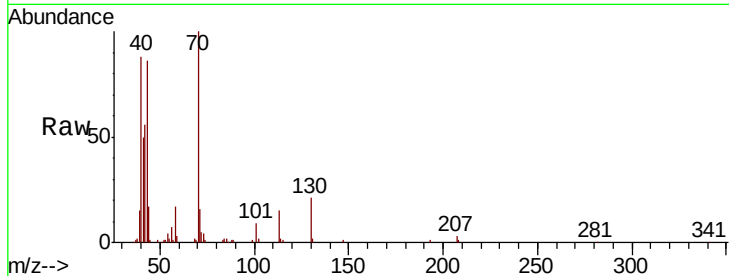
BNA_M

ClientSampleId :

A52S7

Tot Ion: 70 Resp: 102727

Ion	Ratio	Lower	Upper
70	100		
42	55.5	42.2	63.2
101	9.4	7.6	11.4
130	20.9	16.7	25.1



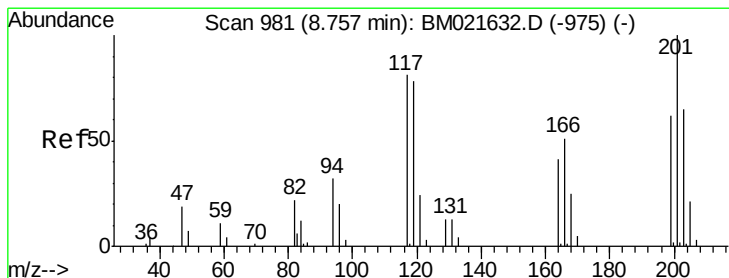
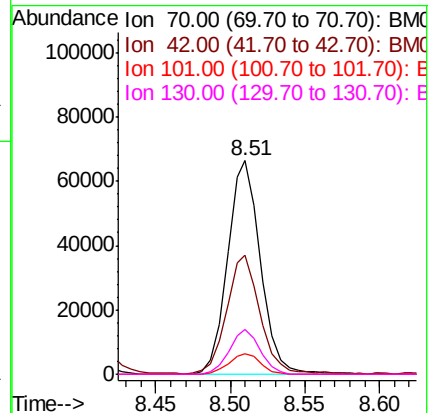
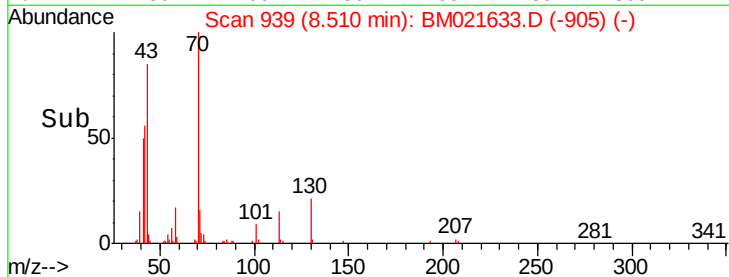
Abundance

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



#17

Hexachloroethane

Concen: 27.080 ng/ul

RT: 8.76 min Scan# 981

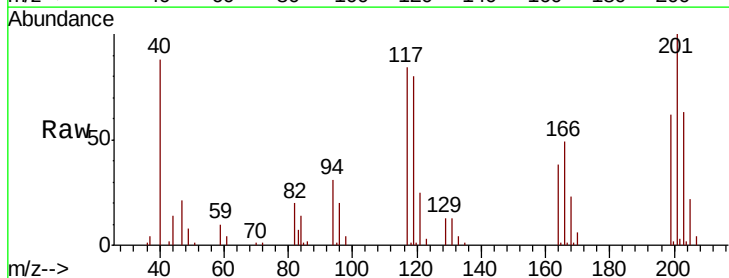
Delta R.T. -0.01 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Tgt Ion: 117 Resp: 73252

Ion	Ratio	Lower	Upper
117	100		
201	119.6	99.3	148.9
199	74.2	63.2	94.8

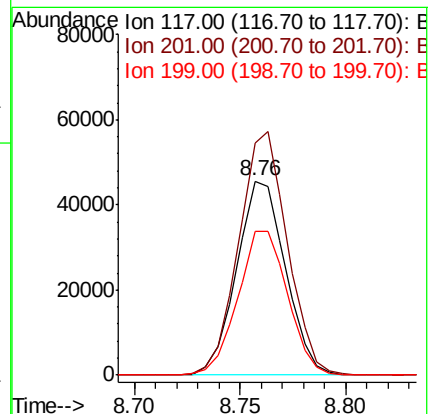
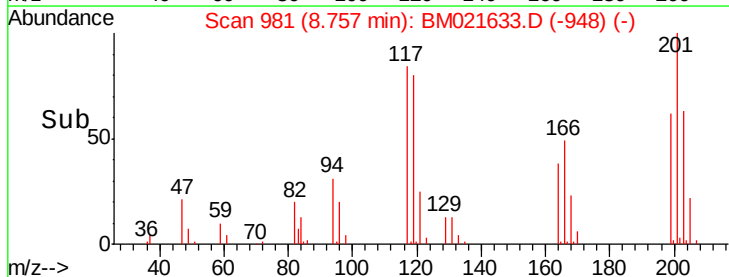


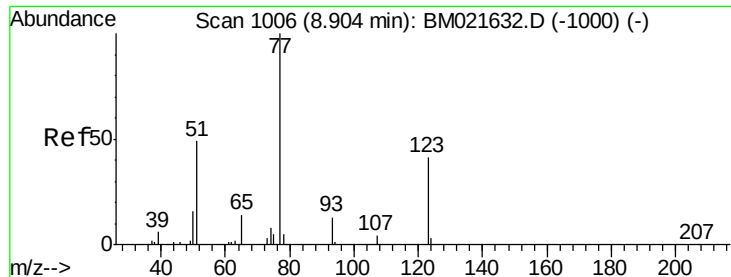
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

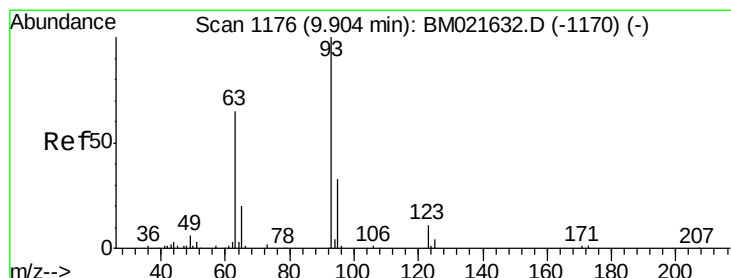
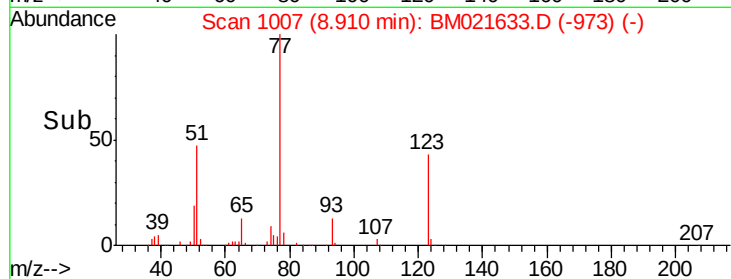
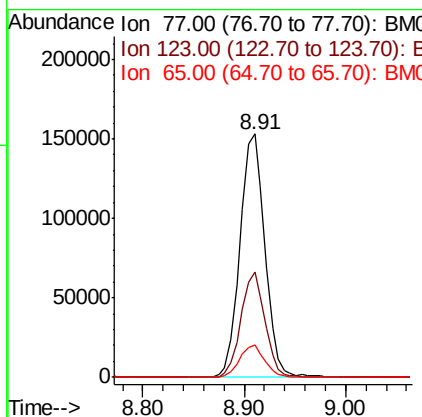
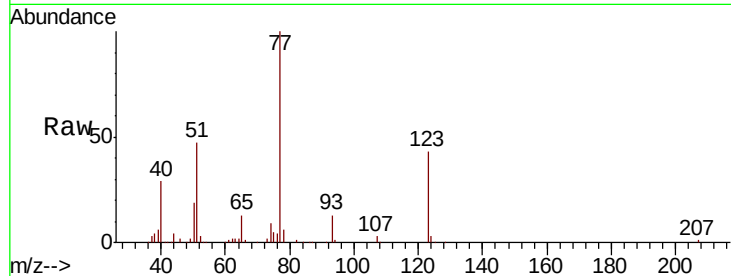




#20
Nitrobenzene
Concen: 33.266 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BM021633.D
Acq: 25 Jul 2019 11:16

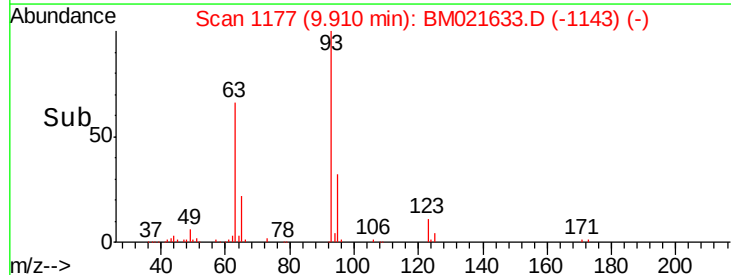
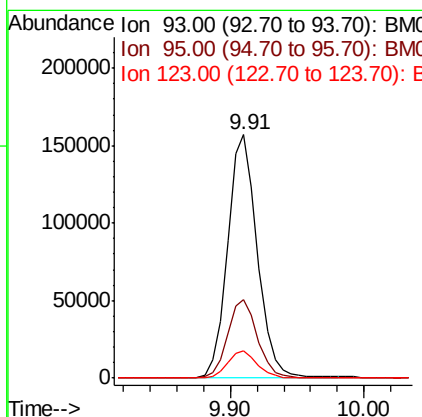
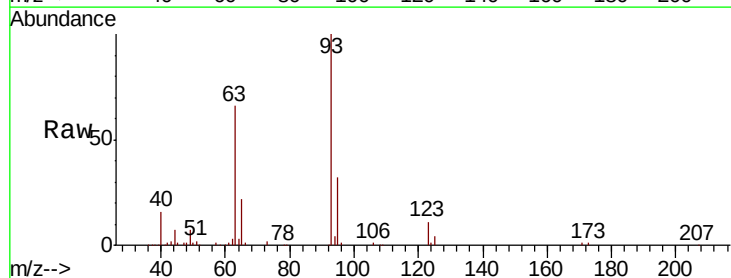
Instrument :
BNA_M
ClientSampleId :
A52S7

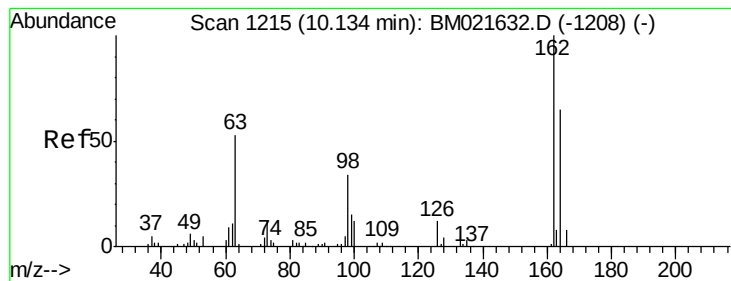
Tot Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.5	51.7
65	13.3	10.7	16.1



#25
Bis(2-Chloroethoxy)methane
Concen: 27.762 ng/ul
RT: 9.91 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BM021633.D
Acq: 25 Jul 2019 11:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.1	39.1
123	11.1	8.6	13.0





#27

2,4-Dichlorophenol

Concen: 31.054 ng/ul

RT: 10.13 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Instrument :

BNA_M

ClientSampleId :

A52S7

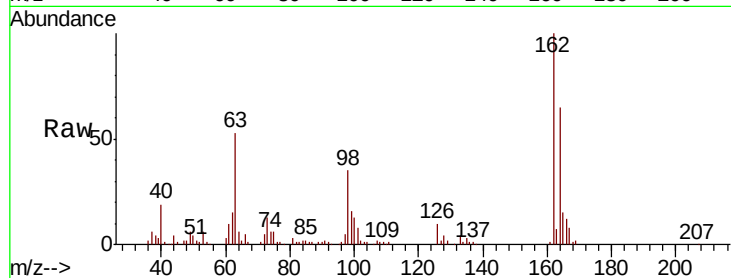
Tot Ion:162 Resp: 221230

Ion Ratio Lower Upper

162 100

164 65.3 53.0 79.6

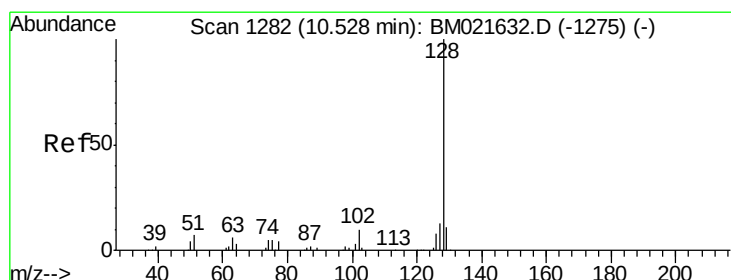
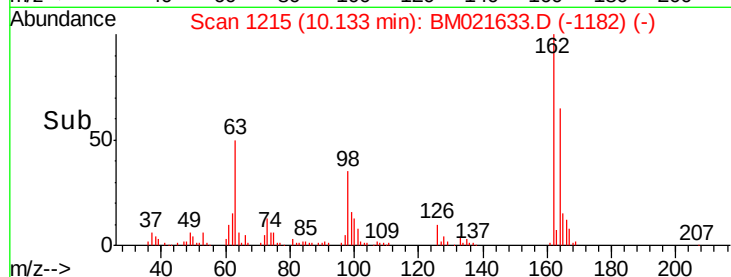
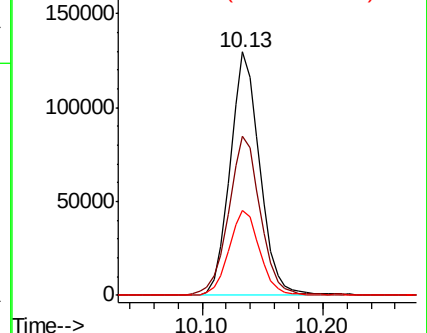
98 34.8 27.5 41.3



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): B



#28

Naphthalene

Concen: 25.127 ng/ul

RT: 10.53 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

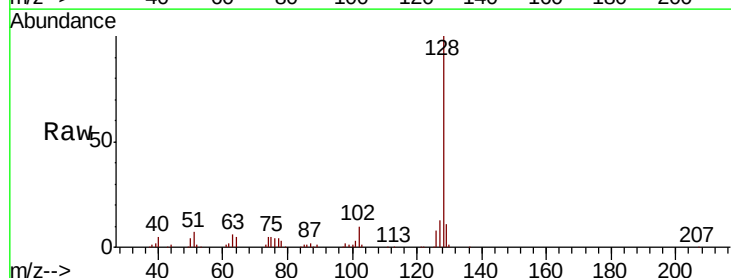
Tgt Ion:128 Resp: 548103

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

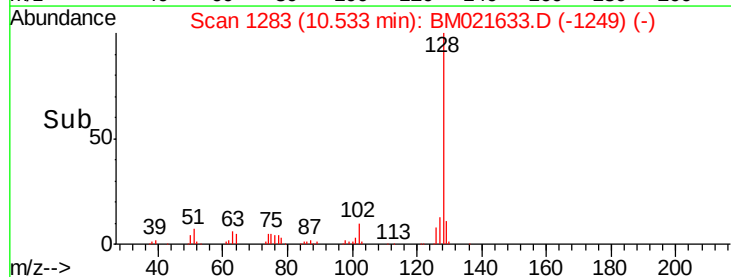
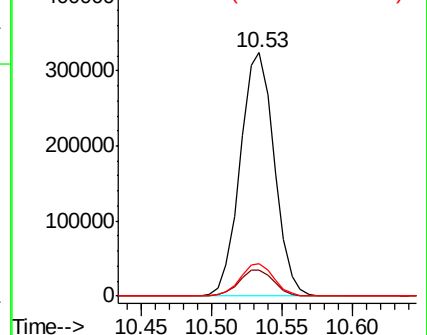
127 13.3 10.8 16.2

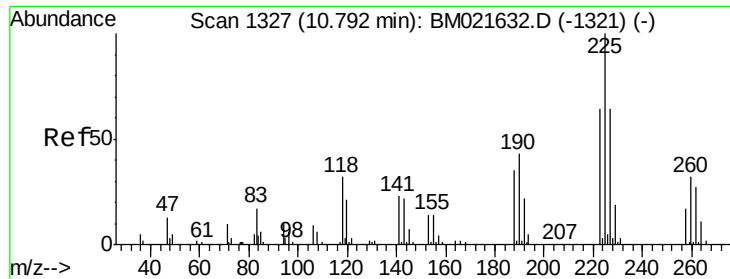


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#31

Hexachlorobutadiene

Concen: 20.690 ng/ul

RT: 10.80 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Instrument :

BNA_M

ClientSampleId :

A52S7

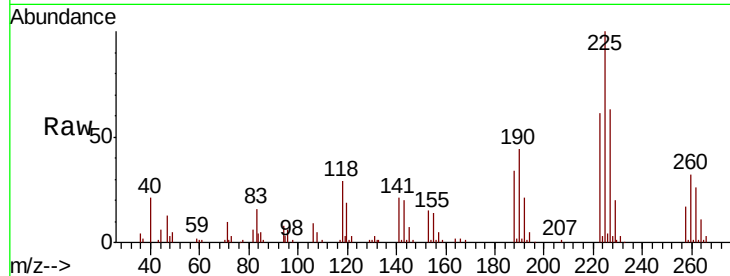
Tot Ion:225 Resp: 104078

Ion Ratio Lower Upper

225 100

223 61.3 49.4 74.2

227 63.0 51.4 77.2

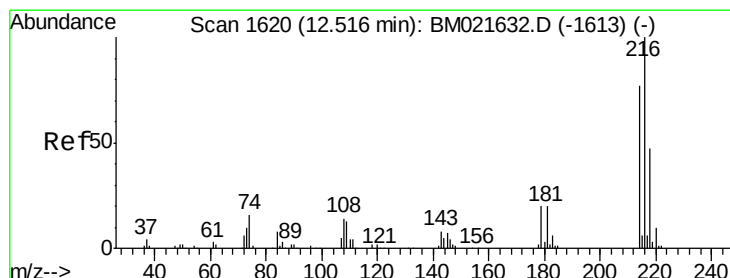
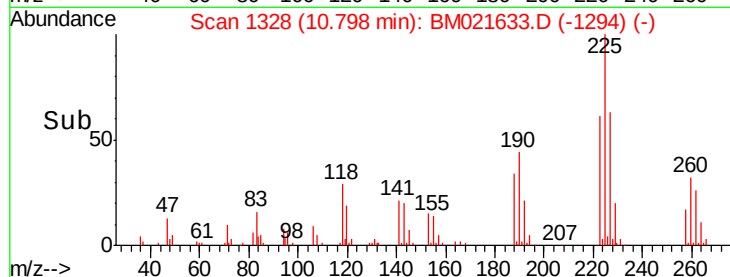
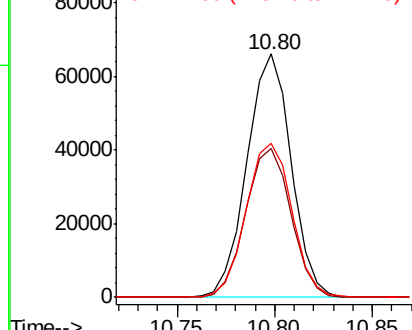


Abundance

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



#36

1,2,4,5-Tetrachlorobenzene

Concen: 12.578 ng/ul

RT: 12.52 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Tgt Ion:216 Resp: 133772

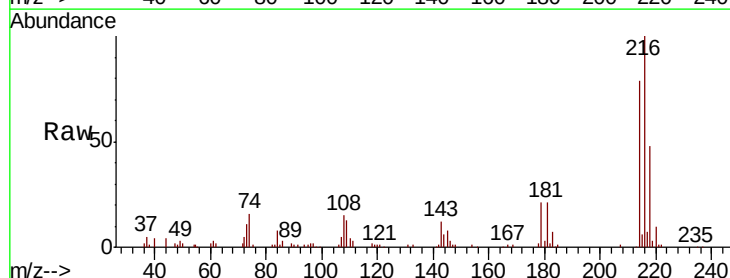
Ion Ratio Lower Upper

216 100

214 79.1 60.7 91.1

179 20.5 16.2 24.4

108 14.8 11.3 16.9



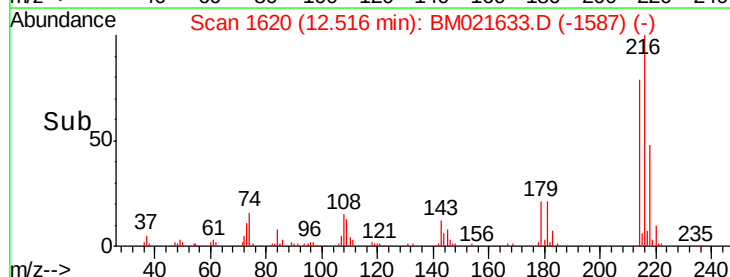
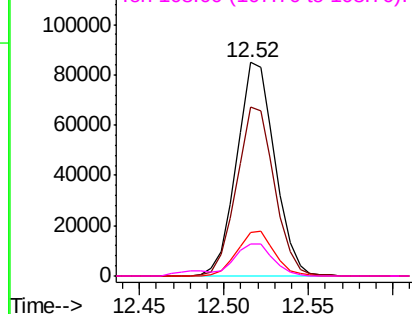
Abundance

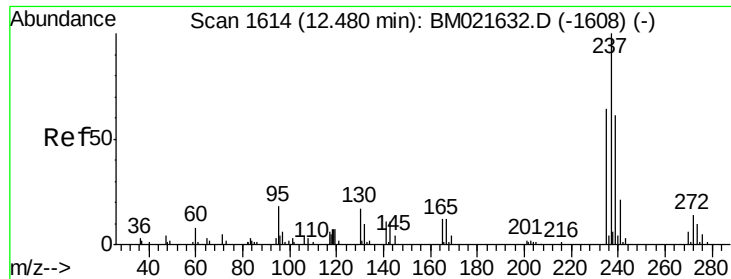
Ion 216.00 (215.70 to 216.70): E

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

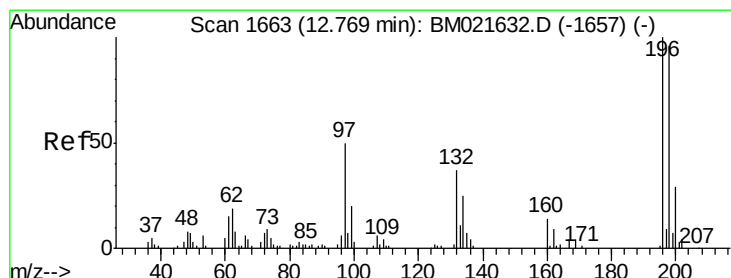
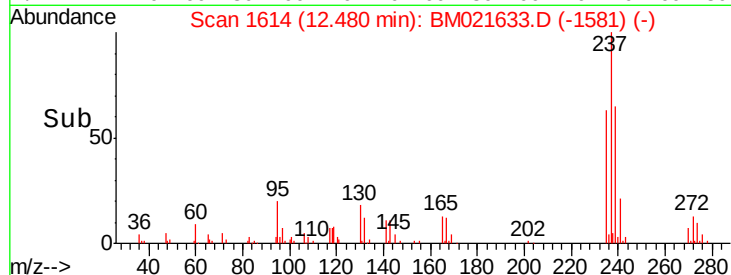
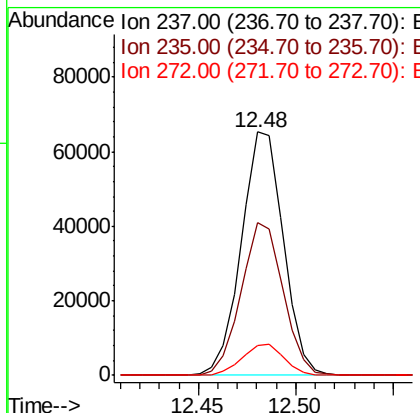
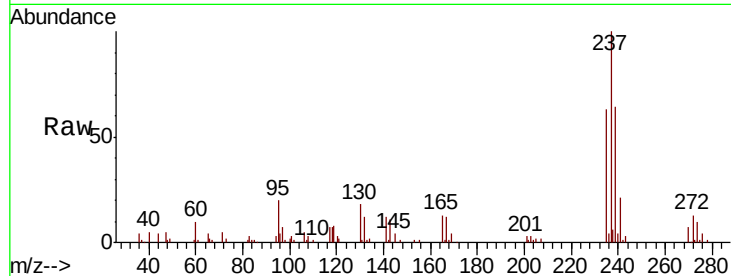




#37
Hexachlorocyclopentadiene
Concen: 19.174 ng/ul
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM021633.D
Acq: 25 Jul 2019 11:16

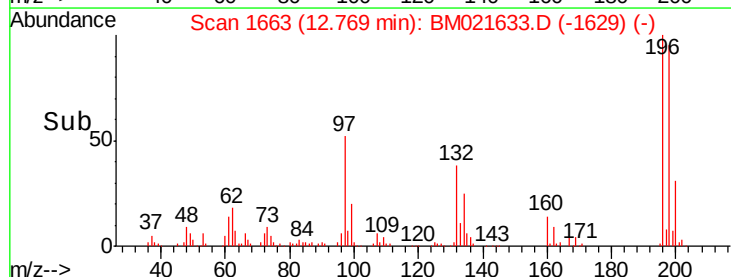
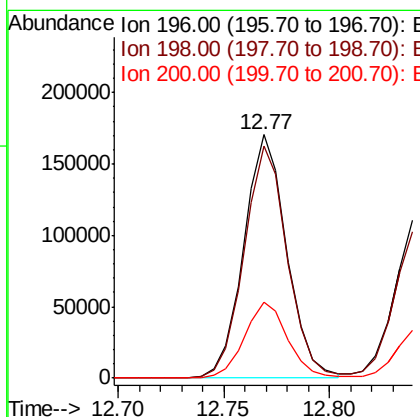
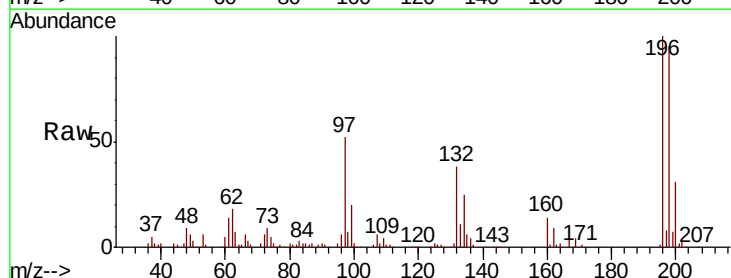
Instrument :
BNA_M
ClientSampleId :
A52S7

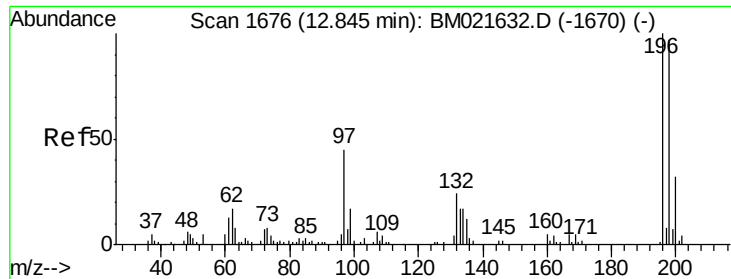
Tot Ion:237 Resp: 97697
Ion Ratio Lower Upper
237 100
235 62.6 50.0 75.0
272 13.2 10.0 15.0



#38
2,4,6-Trichlorophenol
Concen: 36.837 ng/ul
RT: 12.77 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BM021633.D
Acq: 25 Jul 2019 11:16

Tgt Ion:196 Resp: 240600
Ion Ratio Lower Upper
196 100
198 95.5 76.7 115.1
200 31.1 25.4 38.0

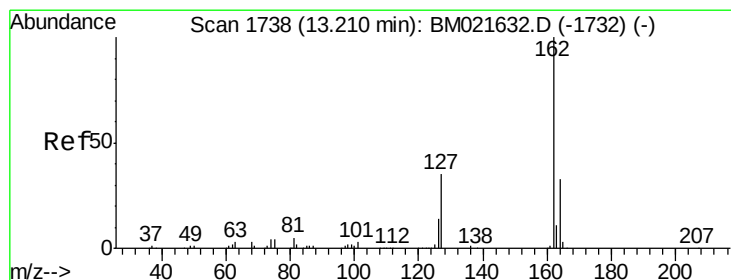
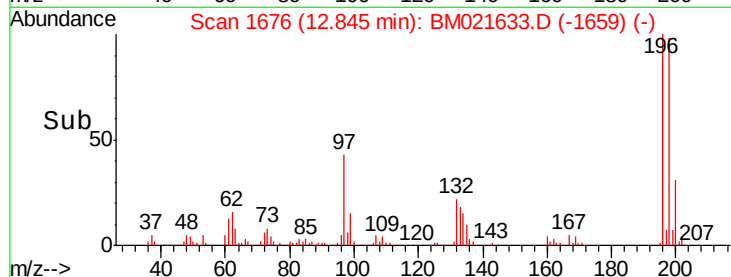
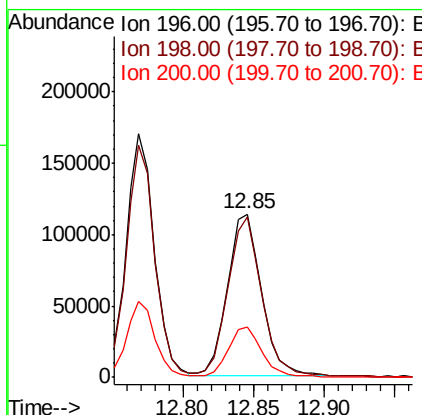
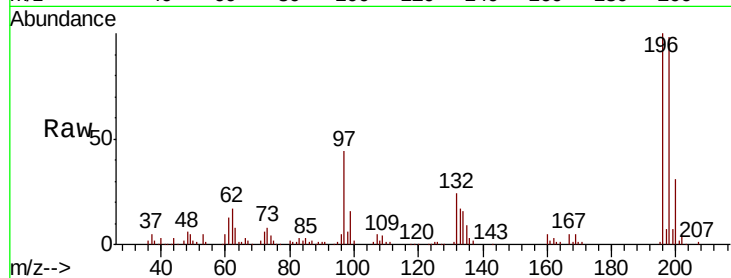




#39
 2,4,5-Trichlorophenol
 Concen: 26.641 ng/ul
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BM021633.D
 Acq: 25 Jul 2019 11:16

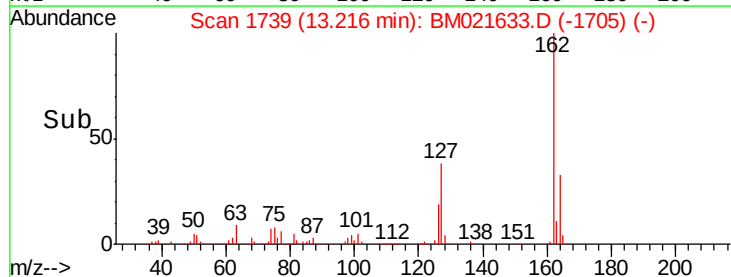
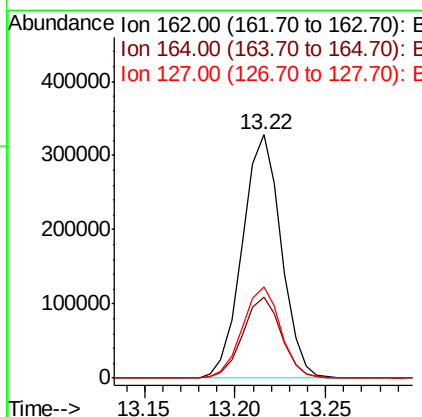
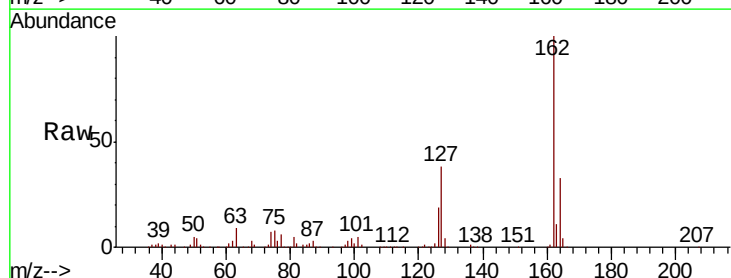
Instrument :
 BNA_M
 ClientSampleId :
 A52S7

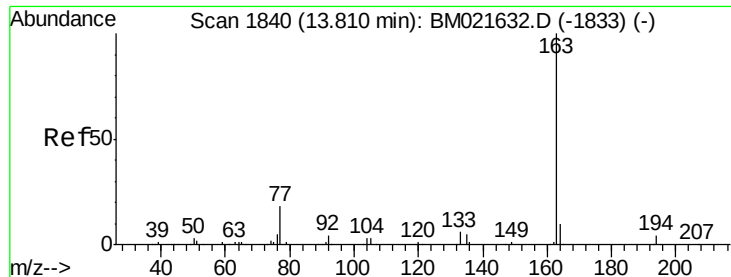
Tot Ion:196 Resp: 189383
 Ion Ratio Lower Upper
 196 100
 198 98.0 77.7 116.5
 200 30.8 25.4 38.2



#41
 2-Chloronaphthalene
 Concen: 25.675 ng/ul
 RT: 13.22 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BM021633.D
 Acq: 25 Jul 2019 11:16

Tgt Ion:162 Resp: 488930
 Ion Ratio Lower Upper
 162 100
 164 33.3 26.2 39.2
 127 37.7 30.0 45.0

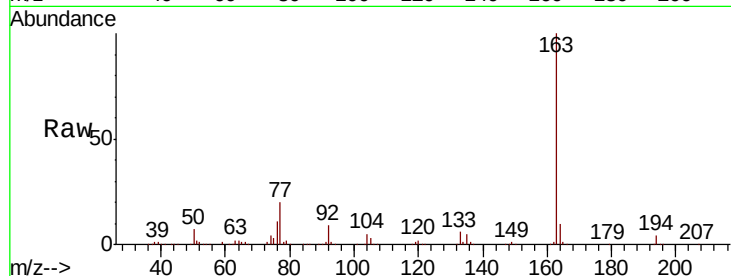




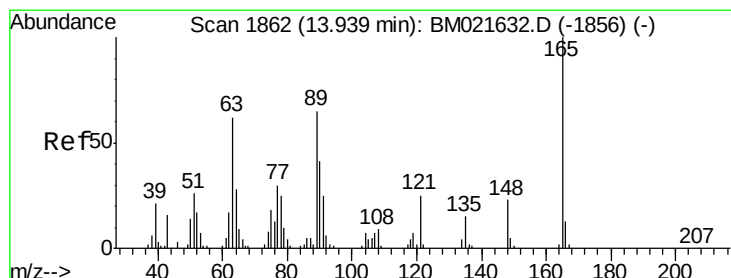
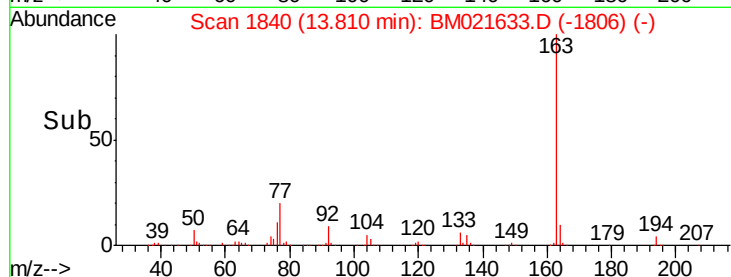
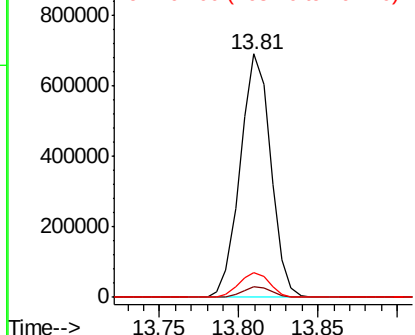
#44
Dimethylphthalate
Concen: 36.383 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM021633.D
Acq: 25 Jul 2019 11:16

Instrument :
BNA_M
ClientSampleId :
A52S7

Tot Ion:163 Resp: 922777
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.3 8.2 12.4

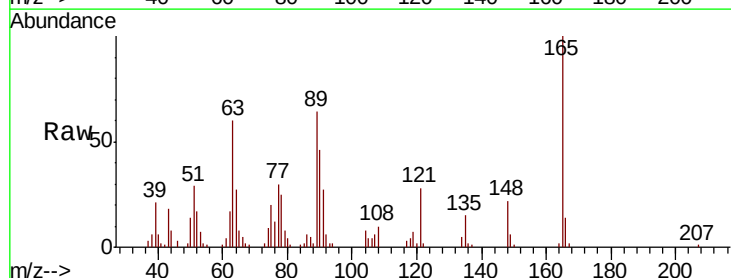


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

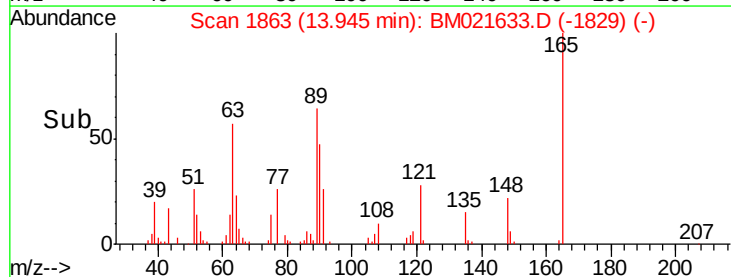
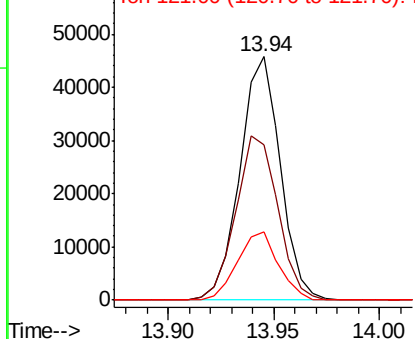


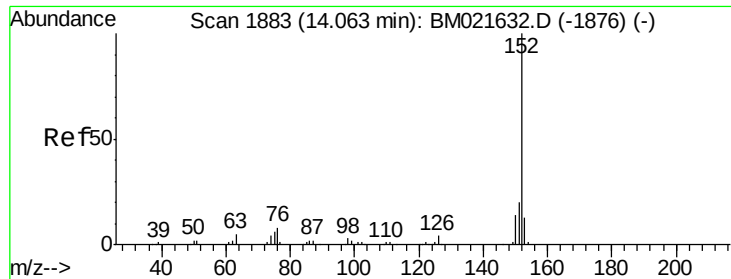
#45
2,6-Dinitrotoluene
Concen: 14.409 ng/ul
RT: 13.94 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BM021633.D
Acq: 25 Jul 2019 11:16

Tgt Ion:165 Resp: 60592
Ion Ratio Lower Upper
165 100
89 63.9 47.4 71.0
121 28.1 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: 23.110 ng/ul

RT: 14.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Instrument :

BNA_M

ClientSampleId :

A52S7

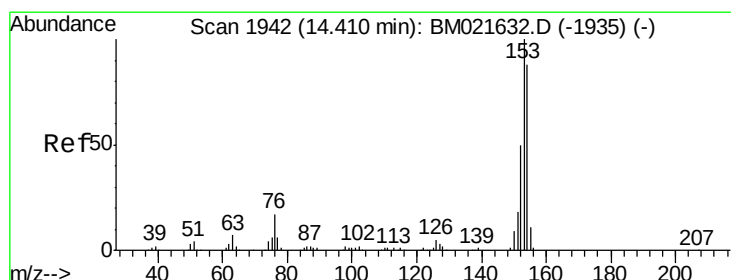
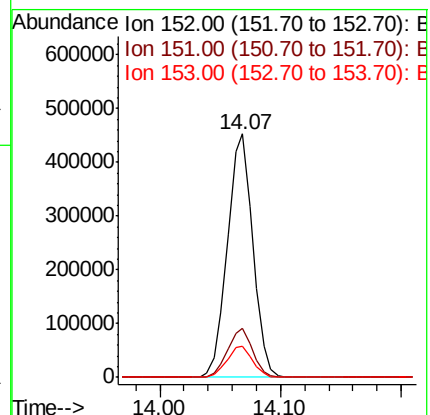
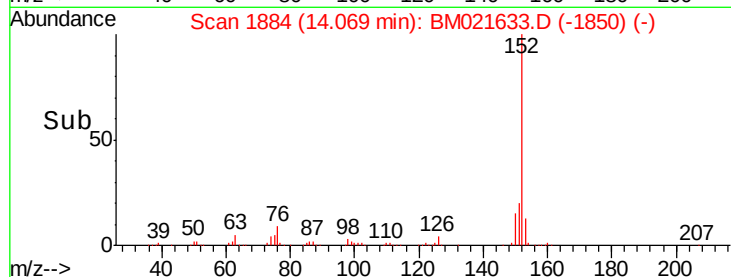
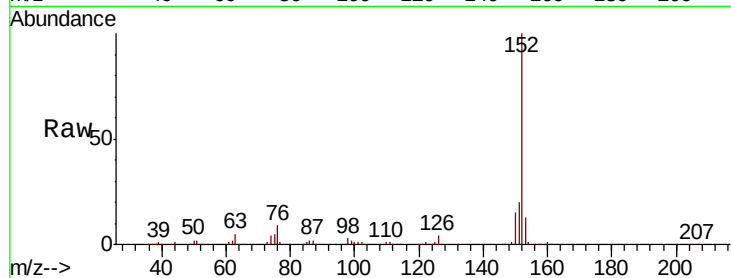
Tot Ion:152 Resp: 658974

Ion Ratio Lower Upper

152 100

151 20.0 16.5 24.7

153 12.6 10.3 15.5



#49

Acenaphthene

Concen: 19.129 ng/ul

RT: 14.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

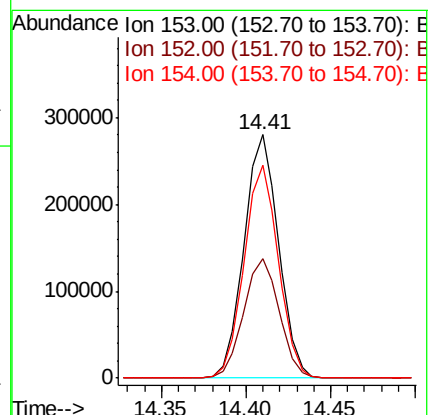
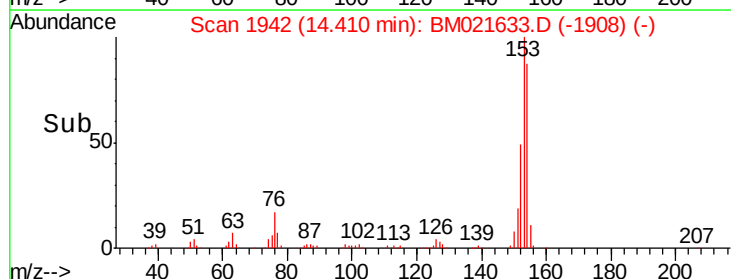
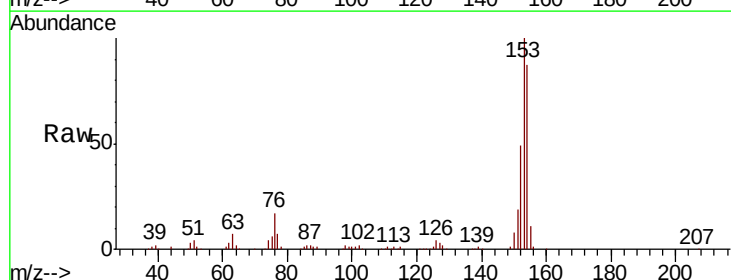
Tgt Ion:153 Resp: 400053

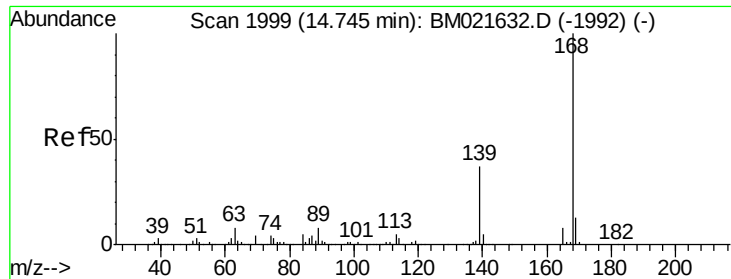
Ion Ratio Lower Upper

153 100

152 49.3 38.6 57.8

154 87.4 69.0 103.4





#53

Dibenzofuran

Concen: 21.925 ng/ul

RT: 14.74 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Instrument :

BNA_M

ClientSampleId :

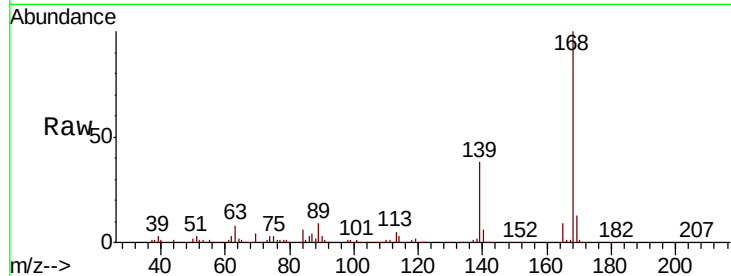
A52S7

Tot Ion:168 Resp: 676992

Ion Ratio Lower Upper

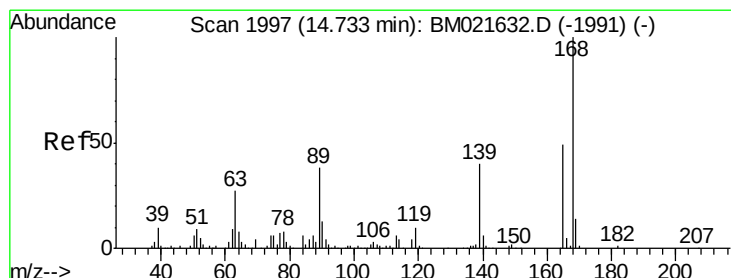
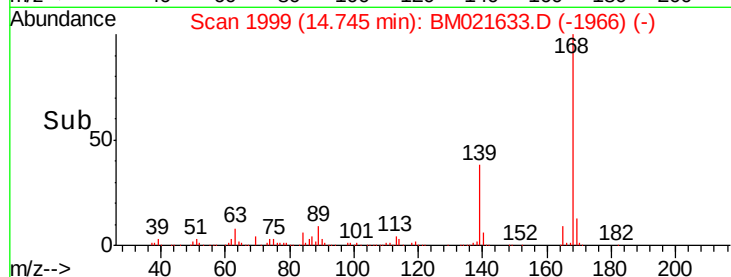
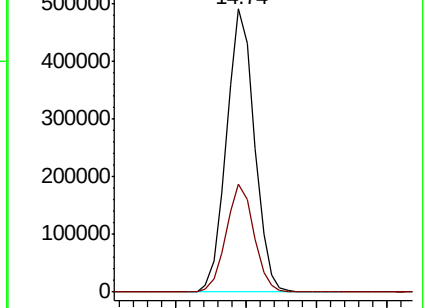
168 100

139 38.2 29.5 44.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 12.769 ng/ul

RT: 14.74 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

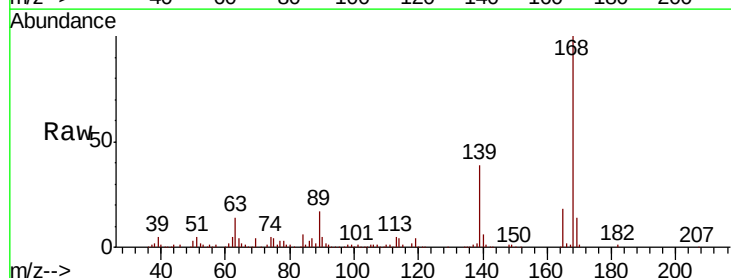
Tgt Ion:165 Resp: 91227

Ion Ratio Lower Upper

165 100

63 73.9 40.4 60.6#

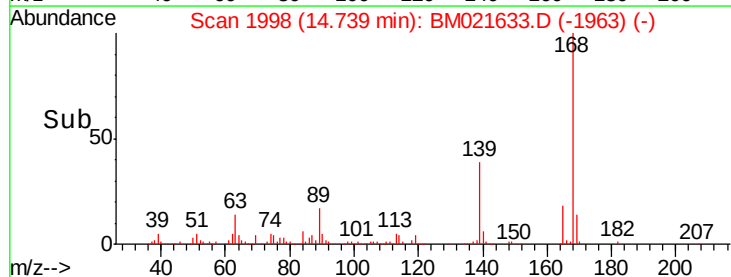
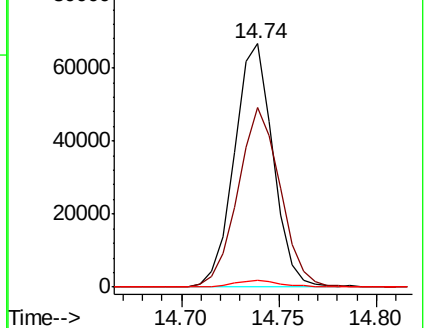
182 2.8 2.2 3.2

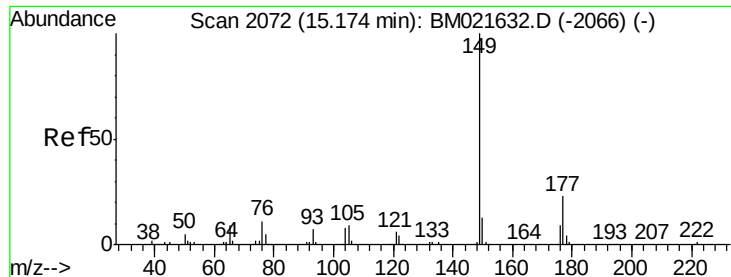


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 23.867 ng/ul

RT: 15.17 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Instrument :

BNA_M

ClientSampleId :

A52S7

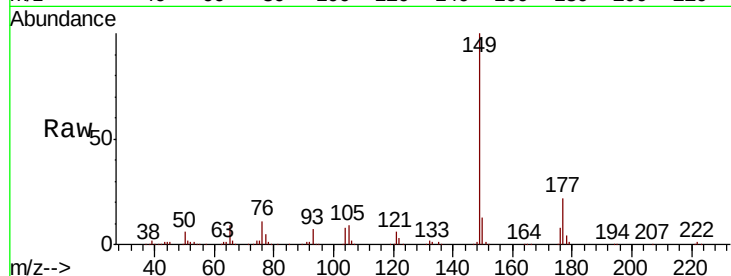
Tot Ion:149 Resp: 586687

Ion Ratio Lower Upper

149 100

177 22.0 18.2 27.2

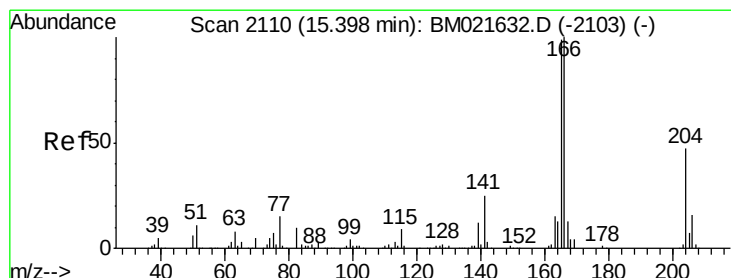
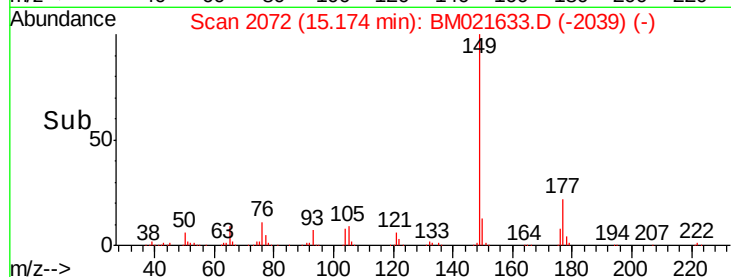
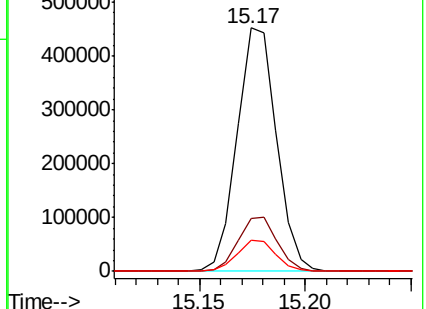
150 12.7 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 22.549 ng/ul

RT: 15.40 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

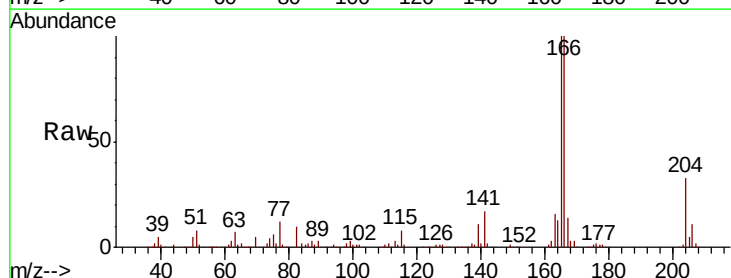
Tgt Ion:166 Resp: 575869

Ion Ratio Lower Upper

166 100

165 100.0 79.4 119.2

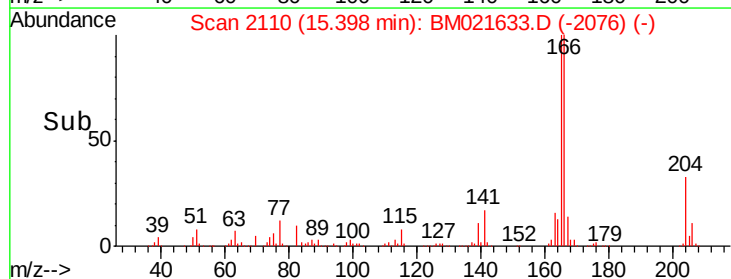
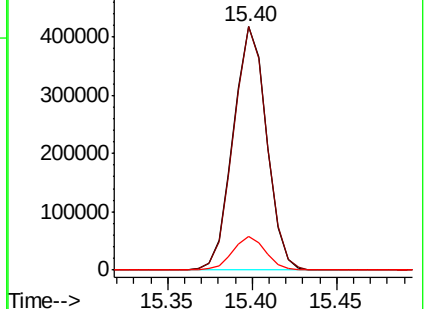
167 13.7 10.7 16.1

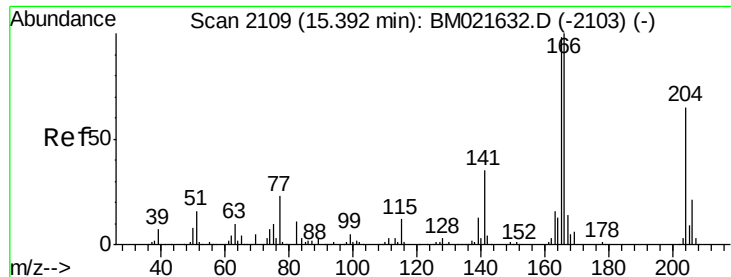


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

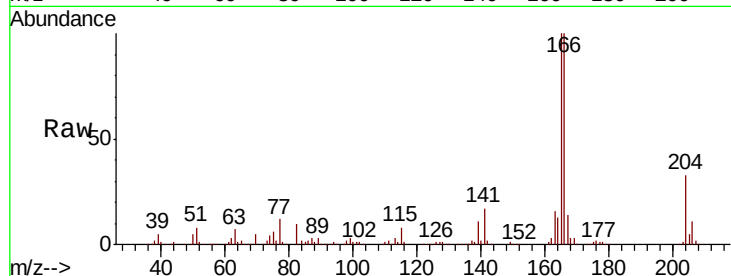




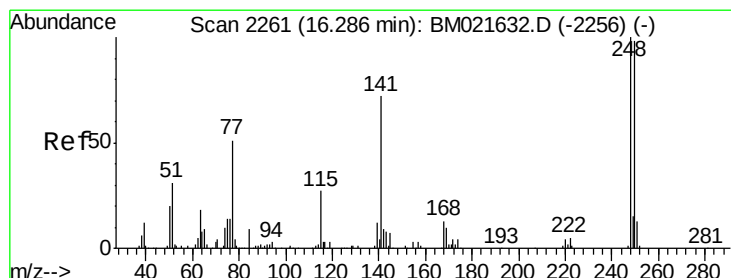
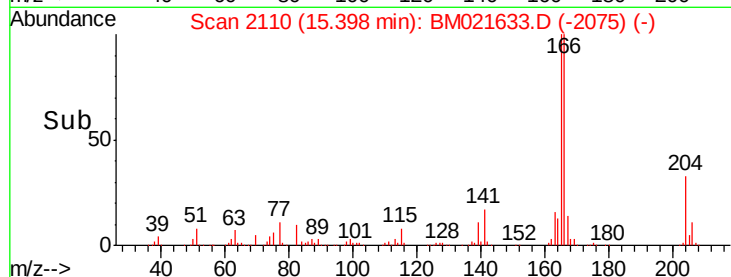
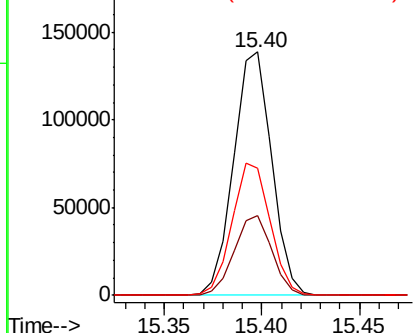
#59
 4-Chlorophenyl-phenylether
 Concen: 13.242 ng/ul
 RT: 15.40 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BM021633.D
 Acq: 25 Jul 2019 11:16

Instrument :
 BNA_M
 ClientSampleId :
 A52S7

Tot Ion:204 Resp: 187974
 Ion Ratio Lower Upper
 204 100
 206 32.8 25.6 38.4
 141 52.3 42.4 63.6

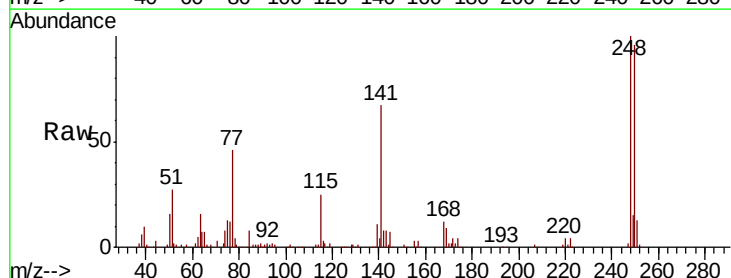


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

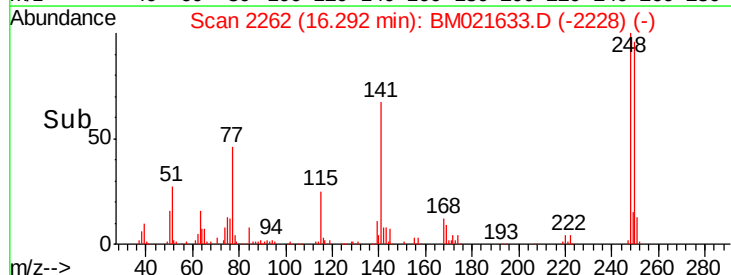
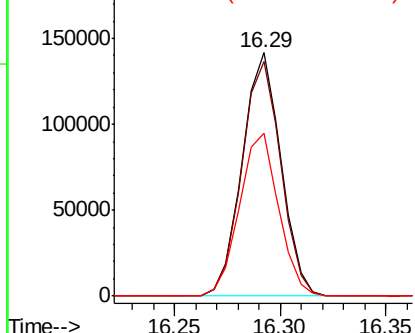


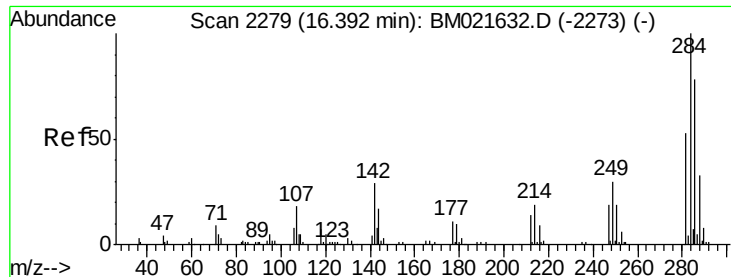
#65
 4-Bromophenyl-phenylether
 Concen: 21.397 ng/ul
 RT: 16.29 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BM021633.D
 Acq: 25 Jul 2019 11:16

Tgt Ion:248 Resp: 181076
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.2 117.2
 141 66.8 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

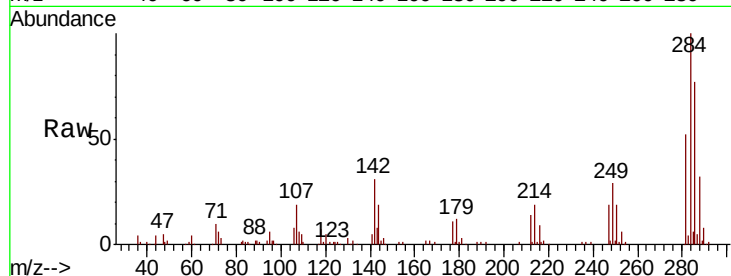




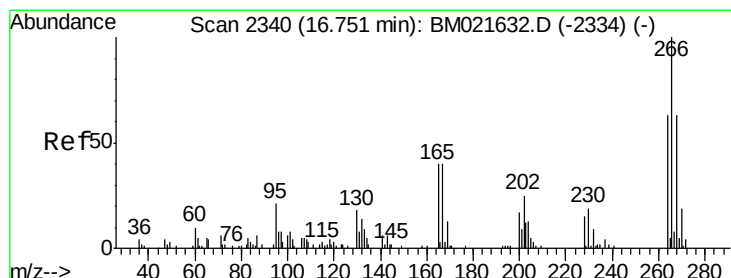
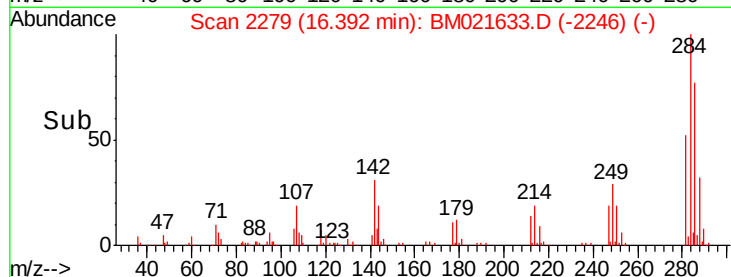
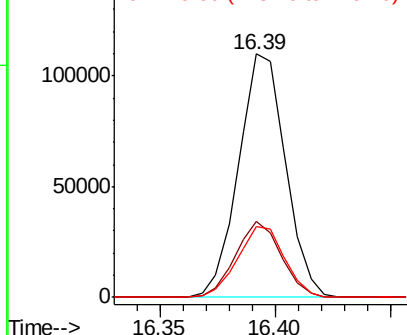
#66
Hexachlorobenzene
Concen: 15.072 ng/ul
RT: 16.39 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BM021633.D
Acq: 25 Jul 2019 11:16

Instrument :
BNA_M
ClientSampled :
A52S7

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.0	23.3	34.9
249	28.9	23.8	35.8

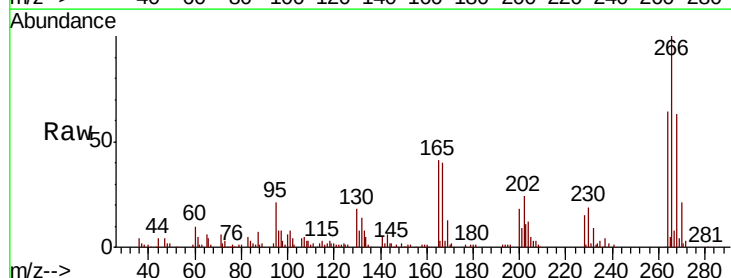


Abundance Ion 284.00 (283.70 to 284.70): E
150000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

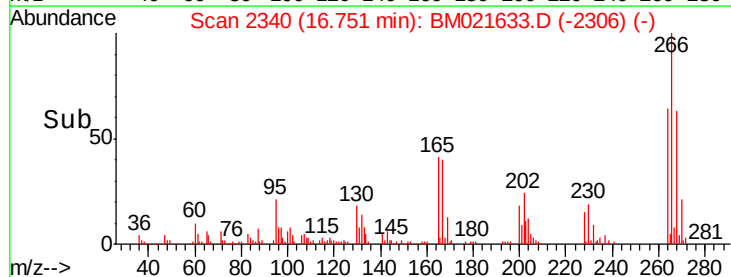
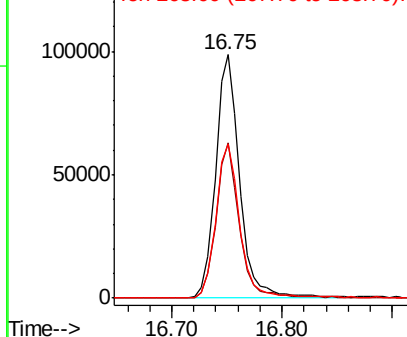


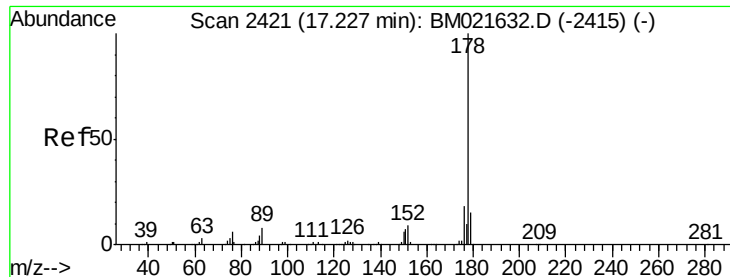
#68
Pentachlorophenol
Concen: 25.356 ng/ul
RT: 16.75 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BM021633.D
Acq: 25 Jul 2019 11:16

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.8	50.9	76.3
268	63.4	49.7	74.5



Abundance Ion 265.70 (265.40 to 266.40): E
100000
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

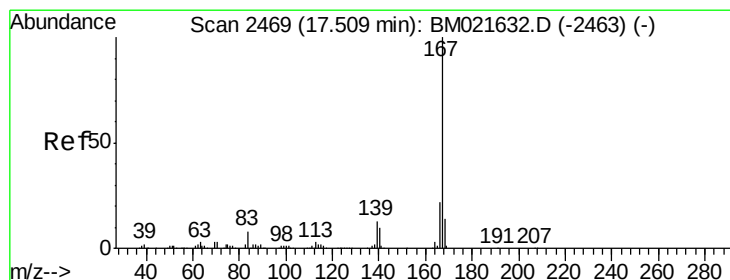
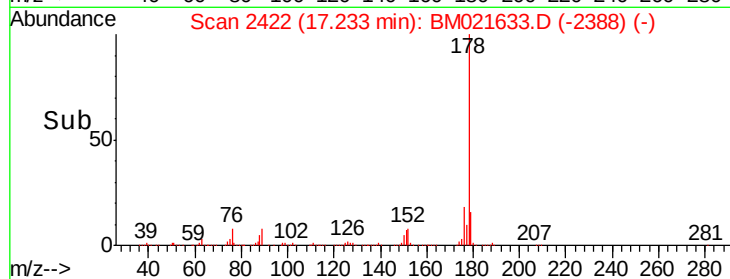
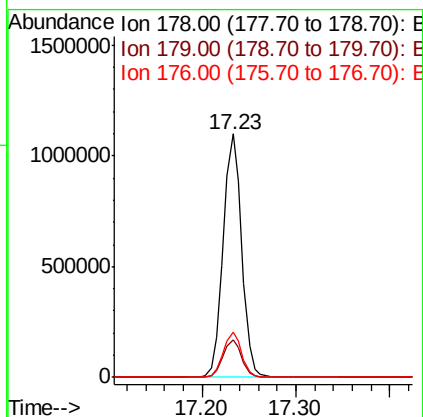
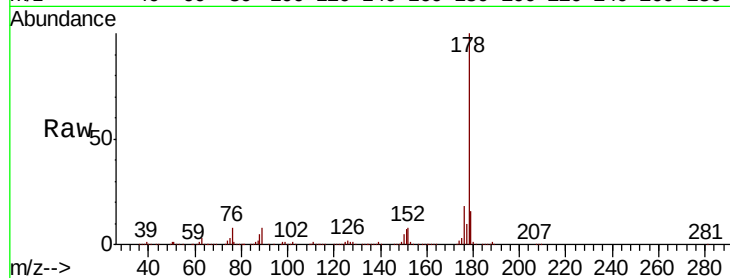




#71
 Anthracene
 Concen: 36.186 ng/ul
 RT: 17.23 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BM021633.D
 Acq: 25 Jul 2019 11:16

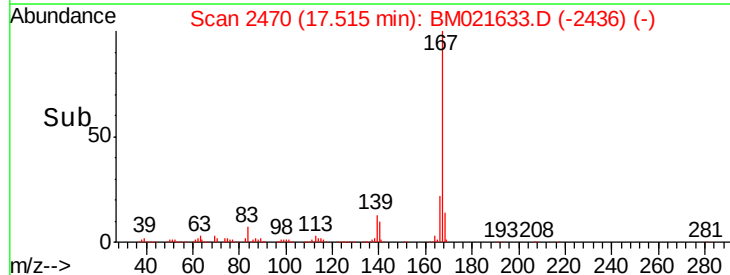
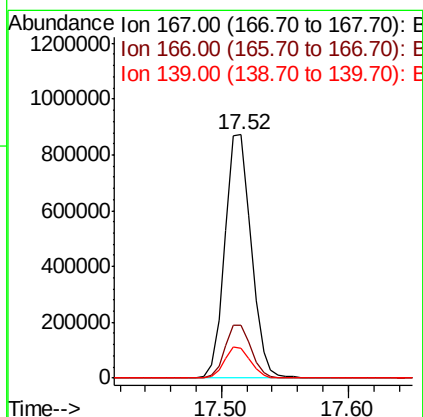
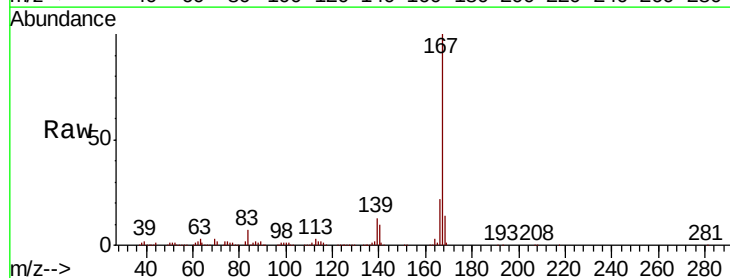
Instrument :
 BNA_M
 ClientSampleId :
 A52S7

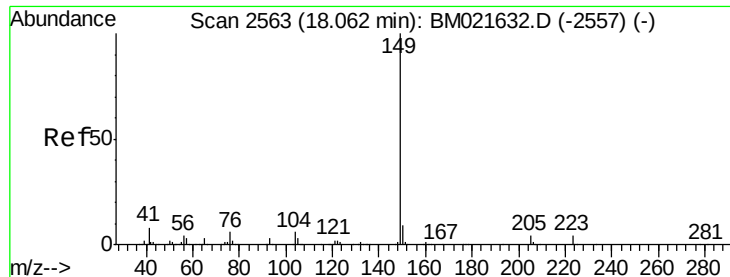
Tot Ion:178 Resp: 1505684
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.4 18.6
 176 18.5 14.6 21.8



#74
 Carbazole
 Concen: 35.168 ng/ul
 RT: 17.52 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BM021633.D
 Acq: 25 Jul 2019 11:16

Tgt Ion:167 Resp: 1254968
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 12.5 10.2 15.2

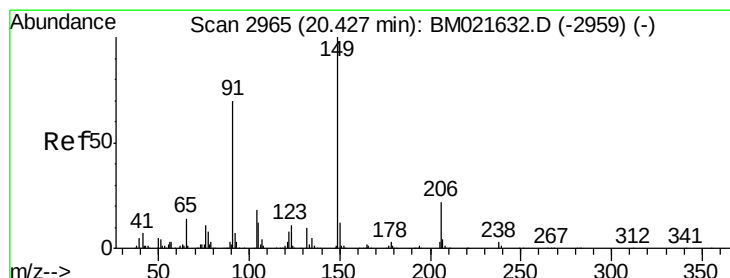
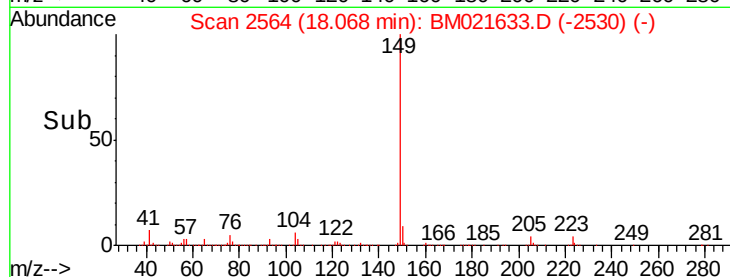
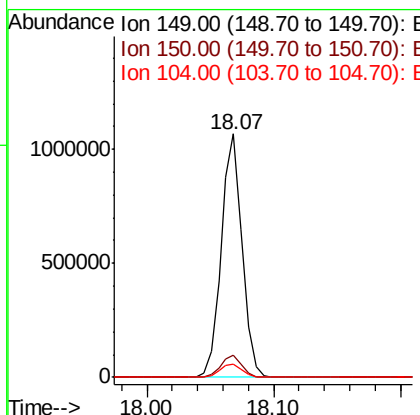
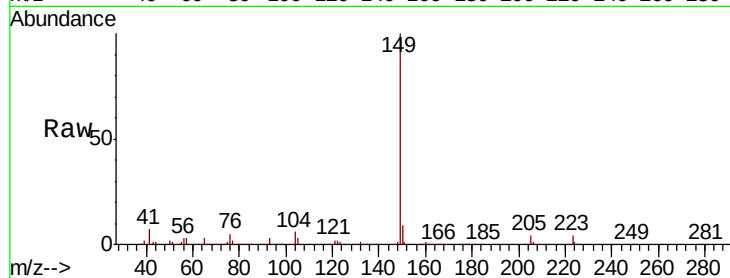




#75
Di-n-butylphthalate
Concen: 32.429 ng/ul
RT: 18.07 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BM021633.D
Acq: 25 Jul 2019 11:16

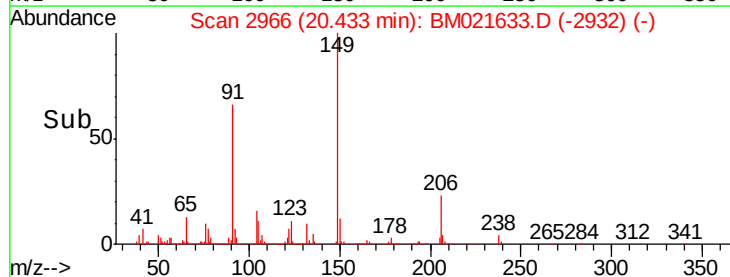
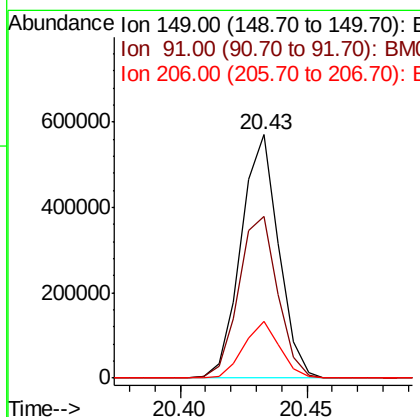
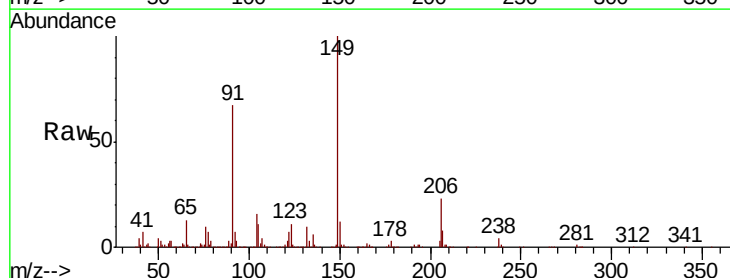
Instrument :
BNA_M
ClientSampleId :
A52S7

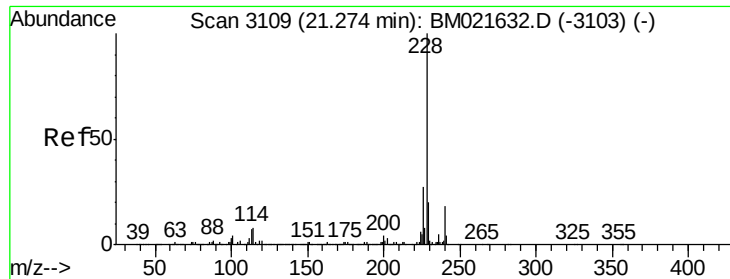
Tot Ion:149 Resp: 1215775
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.6 4.2 6.4



#80
Butylbenzylphthalate
Concen: 32.215 ng/ul
RT: 20.43 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BM021633.D
Acq: 25 Jul 2019 11:16

Tgt Ion:149 Resp: 586994
Ion Ratio Lower Upper
149 100
91 66.5 53.0 79.6
206 23.4 17.8 26.6





#82

Benzo(a)anthracene

Concen: 26.337 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.01 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Instrument :

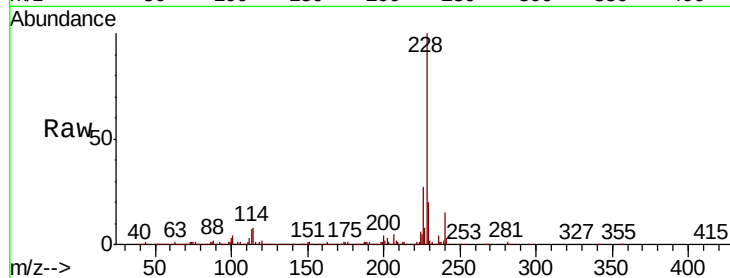
BNA_M

ClientSampleId :

A52S7

Tot Ion:228 Resp: 1683682

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	27.2	21.7	32.5

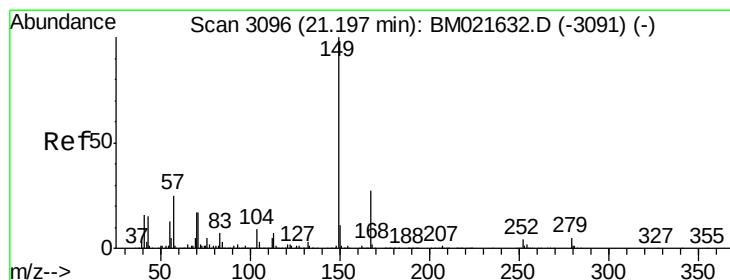
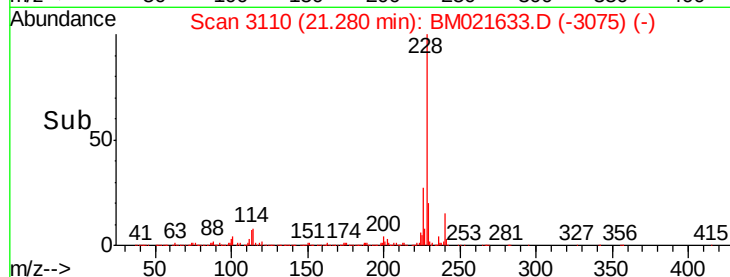
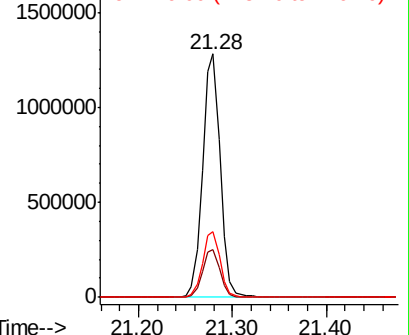


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 18.782 ng/ul

RT: 21.20 min Scan# 3097

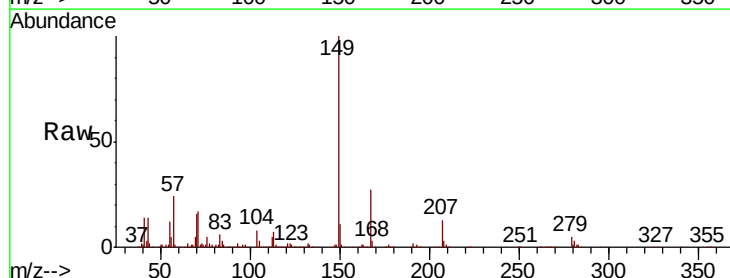
Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Tgt Ion:149 Resp: 500571

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.3	33.5
279	5.4	4.2	6.4

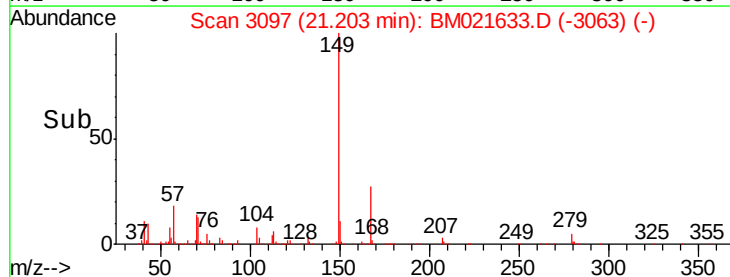
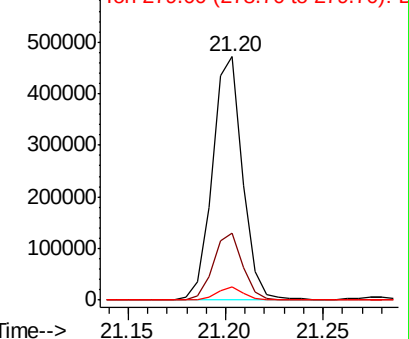


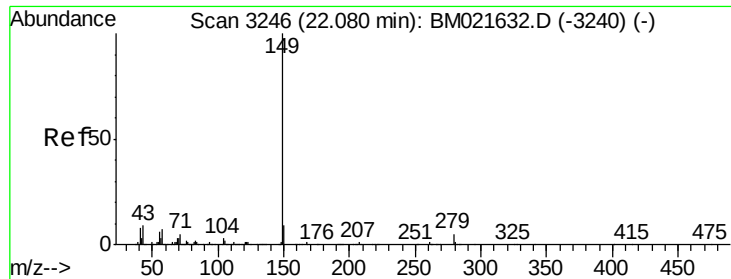
Abundance

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





#86

Di-n-octyl phthalate

Concen: 38.137 ng/ul

RT: 22.09 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

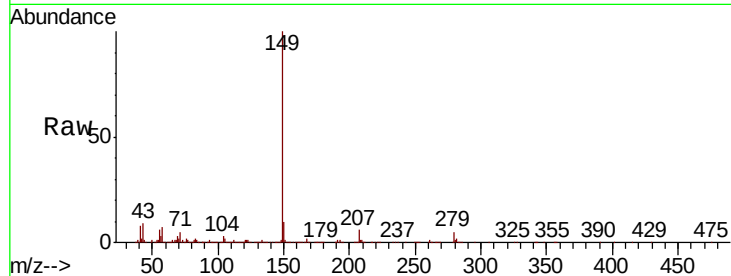
Instrument :

BNA_M

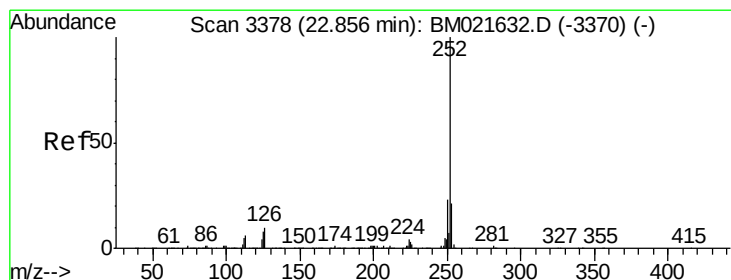
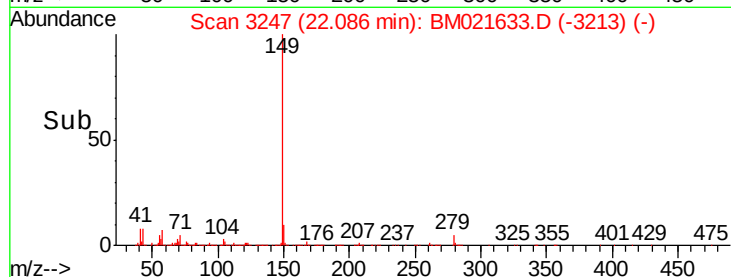
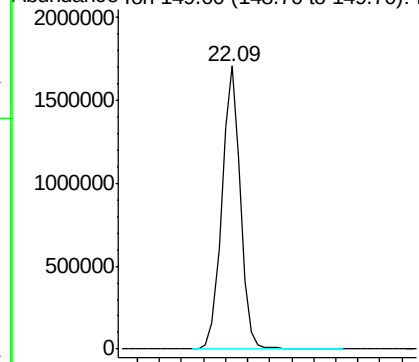
ClientSampleId :

A52S7

Tgt Ion:149 Resp: 1961350



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 14.110 ng/ul

RT: 22.87 min Scan# 3380

Delta R.T. -0.00 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

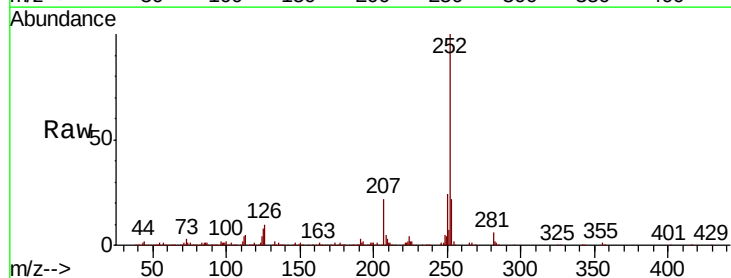
Tgt Ion:252 Resp: 970187

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	7.7	5.8	8.6

252 100

253 22.1 17.6 26.4

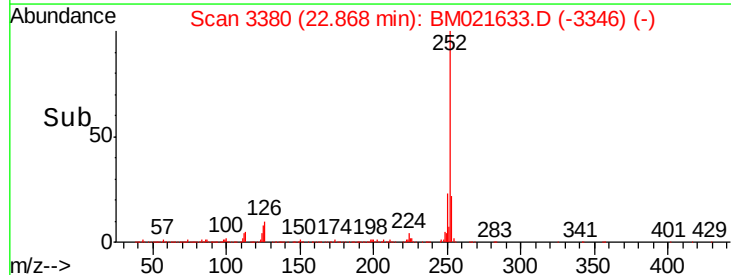
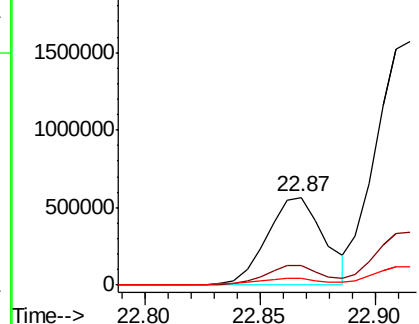
125 7.7 5.8 8.6

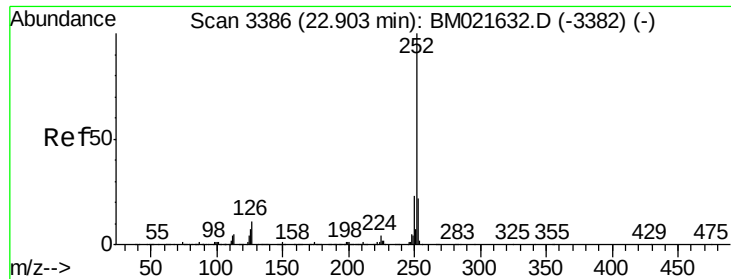


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 38.294 ng/ul

RT: 22.91 min Scan# 3388

Delta R.T. 0.01 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

Instrument :

BNA_M

ClientSampleId :

A52S7

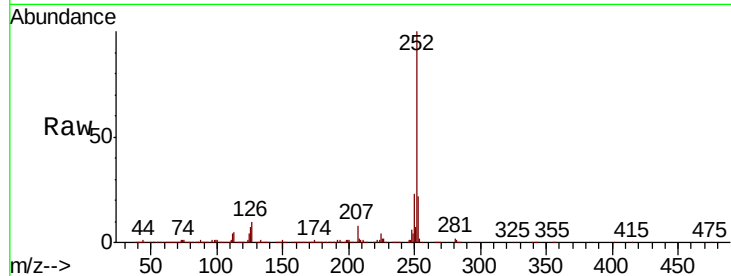
Tot Ion:252 Resp: 2583007

Ion Ratio Lower Upper

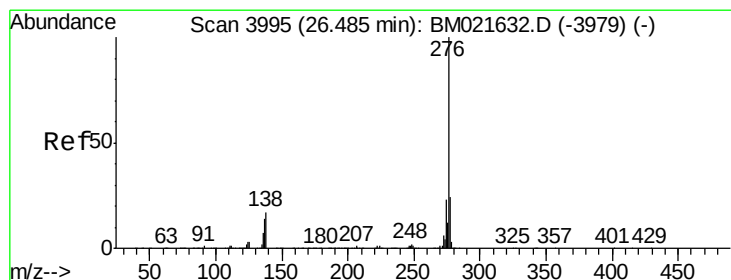
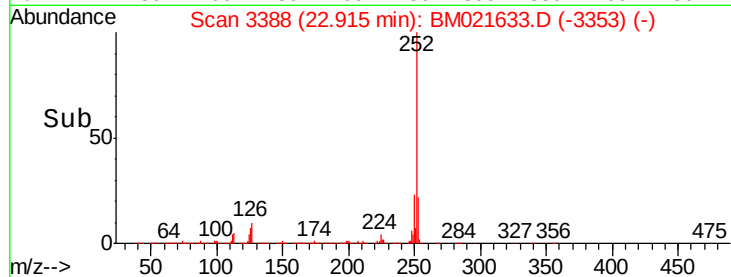
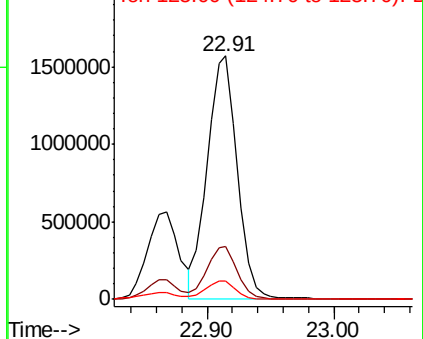
252 100

253 21.7 17.7 26.5

125 7.3 6.4 9.6



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



#93

Benzo(g,h,i)perylene

Concen: 24.084 ng/ul

RT: 26.50 min Scan# 3997

Delta R.T. 0.01 min

Lab File: BM021633.D

Acq: 25 Jul 2019 11:16

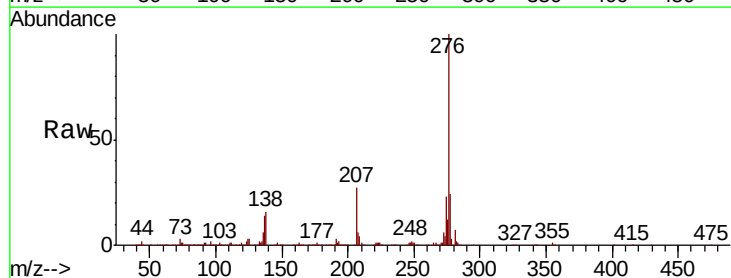
Tgt Ion:276 Resp: 1563943

Ion Ratio Lower Upper

276 100

138 16.3 13.7 20.5

277 23.9 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

