

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
 Data File : BN005752.D
 Acq On : 18 May 2019 14:43
 Operator : JU/SJ
 Sample : K2690-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5112

Quant Time: May 20 04:02:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 20 03:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	89973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	415778	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	294507	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	751144	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	808967	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	943066	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	6926	4.31	ng/uL	0.00
5) Phenol-d5	6.76	99	189409	27.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	97470	26.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	153317	27.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	160278	26.96	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	83017	27.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	97927	28.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	188859	28.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	218056	29.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	663171	29.26	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	777815	28.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	100275	31.41	ng/ul	0.00
57) Fluorene-d10	15.22	176	554725	28.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	115436	25.57	ng/ul	0.00
70) Anthracene-d10	17.07	188	916936	28.26	ng/ul	0.00
78) Pyrene-d10	19.39	212	1139168	28.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1242830	29.38	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.22	88	38293	22.634	ng/uL 92
4) Benzaldehyde	6.73	77	165749	32.930	ng/ul 98
6) Phenol	6.79	94	266224	37.560	ng/ul 97
10) 2-Chlorophenol	7.15	128	138770	24.509	ng/ul 92
15) N-Nitroso-di-n-propylamine	8.37	70	131733	28.655	ng/ul# 92
20) Nitrobenzene	8.76	77	151604	21.730	ng/ul 94
23) 2-Nitrophenol	9.47	139	87303	24.062	ng/ul 98
27) 2,4-Dichlorophenol	10.00	162	168459	26.324	ng/ul 96
28) Naphthalene	10.38	128	347042	17.473	ng/ul 98
30) 4-Chloroaniline	10.39	127	45951	6.152	ng/ul# 13
31) Hexachlorobutadiene	10.66	225	116584	24.976	ng/ul 95
33) 4-Chloro-3-methylphenol	11.64	107	311481	43.031	ng/ul 96
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	192794	20.333	ng/ul# 95
38) 2,4,6-Trichlorophenol	12.64	196	216955	36.964	ng/ul 99
40) 1,1'-Biphenyl	13.04	154	576617	26.926	ng/ul# 96
41) 2-Chloronaphthalene	13.08	162	283582	16.765	ng/ul 96
44) Dimethylphthalate	13.68	163	641062	28.693	ng/ul 99
45) 2,6-Dinitrotoluene	13.81	165	118626	25.197	ng/ul 90
49) Acenaphthene	14.27	153	401138	22.330	ng/ul 99
52) 4-Nitrophenol	14.47	109	83906	28.143	ng/ul 93
53) Dibenzofuran	14.62	168	499691	18.748	ng/ul 100
55) 2,3,4,6-Tetrachlorophenol	14.86	232	136782	23.892	ng/ul 93
59) 4-Chlorophenyl-phenylether	15.27	204	202652	17.135	ng/ul 97

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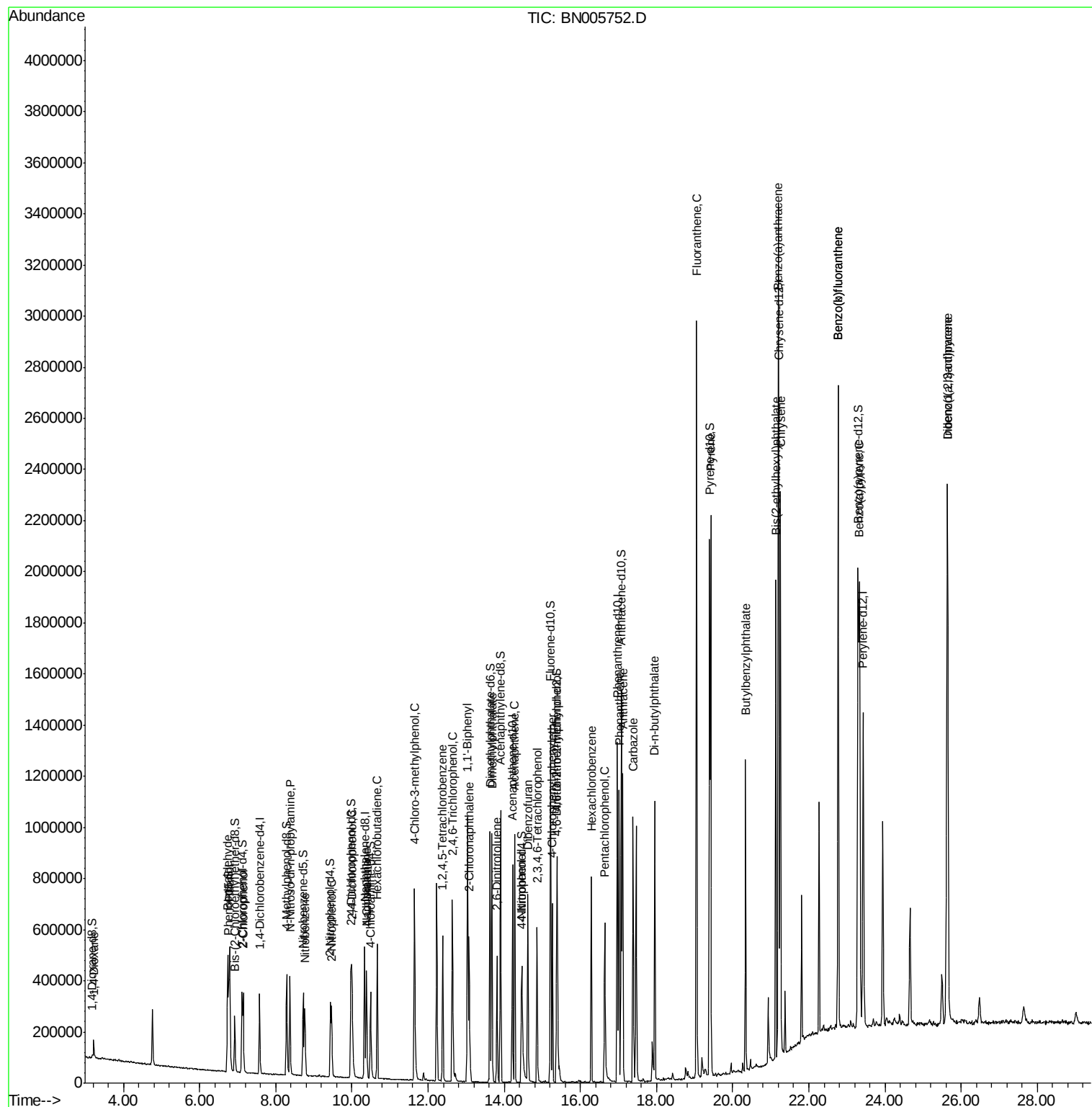
63) 4,6-Dinitro-2-methylphenol	15.39	198	197901	43.757	ng/ul#	89
66) Hexachlorobenzene	16.29	284	181036	20.516	ng/ul#	91
68) Pentachlorophenol	16.64	266	156385	38.412	ng/ul	96
69) Phenanthrene	17.02	178	678710	18.228	ng/ul	99
71) Anthracene	17.11	178	775965	20.468	ng/ul	99
74) Carbazole	17.39	167	724173	21.666	ng/ul	99
75) Di-n-butylphthalate	17.95	149	736501	18.446	ng/ul	100
76) Fluoranthene	19.05	202	1897819	41.227	ng/ul#	93
79) Pyrene	19.42	202	1377911	27.737	ng/ul#	90
80) Butylbenzylphthalate	20.34	149	344311	16.918	ng/ul	92
82) Benzo(a)anthracene	21.20	228	1746362	34.266	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	632078	21.889	ng/ul#	97
84) Chrysene	21.25	228	1199258	24.962	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	1301710	25.090	ng/ul#	96
88) Benzo(k)fluoranthene	22.77	252	1301710	25.930	ng/ul#	97
90) Benzo(a)pyrene	23.33	252	1174872	23.386	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.64	276	1665952	27.123	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.64	278	1086323	21.010	ng/ul#	95

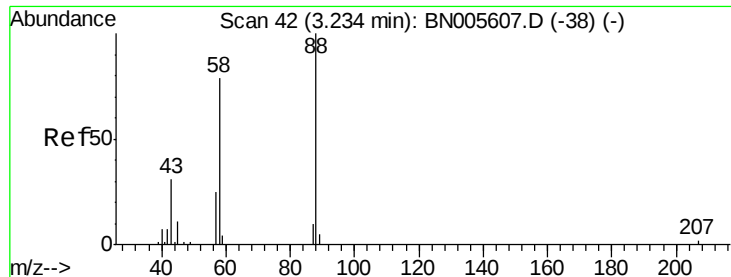
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 22.634 ng/uL

RT: 3.22 min Scan# 39

Delta R.T. -0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

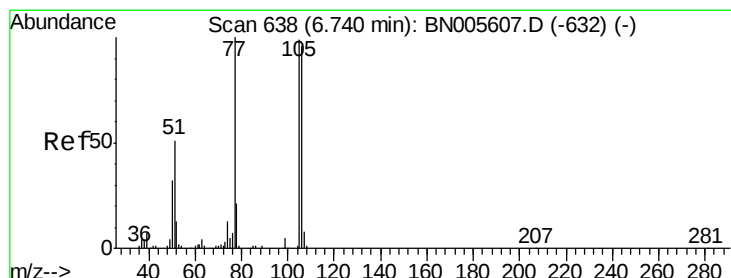
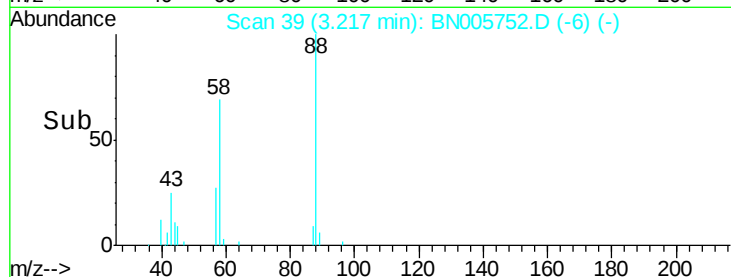
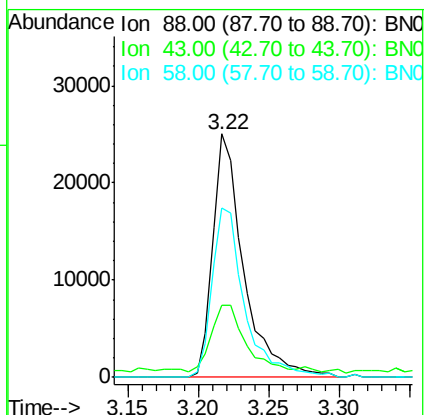
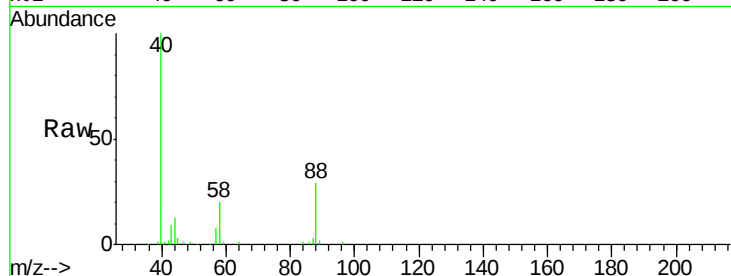
Tgt Ion: 88 Resp: 38293

Ion Ratio Lower Upper

88 100

43 29.6 25.3 37.9

58 69.4 62.3 93.5



#4

Benzaldehyde

Concen: 32.930 ng/uL

RT: 6.73 min Scan# 637

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

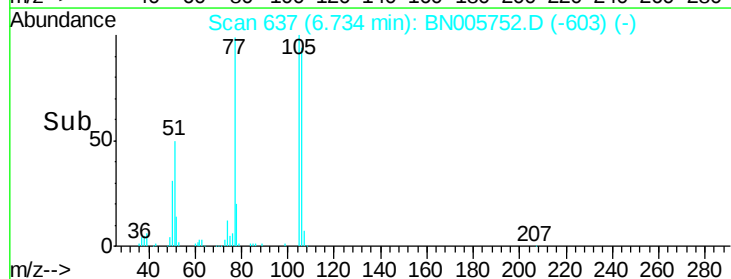
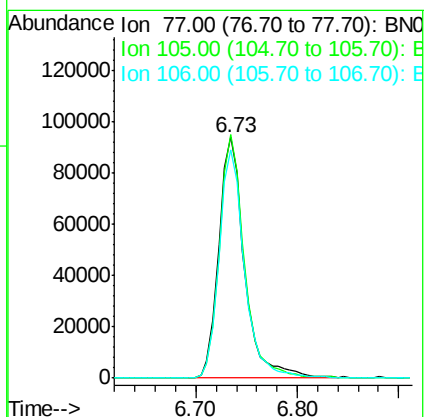
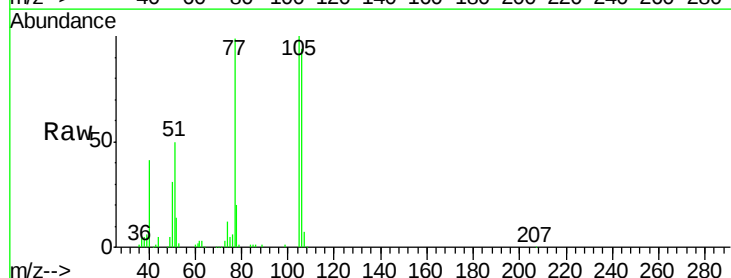
Tgt Ion: 77 Resp: 165749

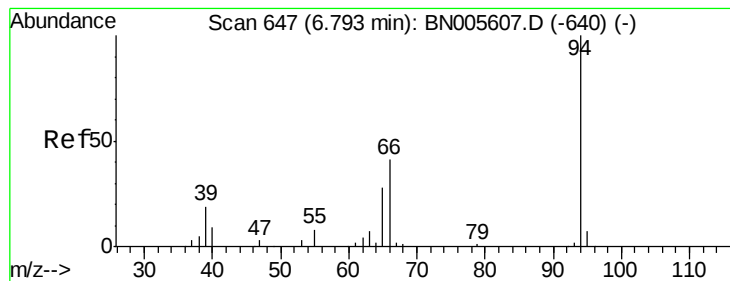
Ion Ratio Lower Upper

77 100

105 101.1 77.4 116.2

106 94.8 76.3 114.5





#6

Phenol

Concen: 37.560 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

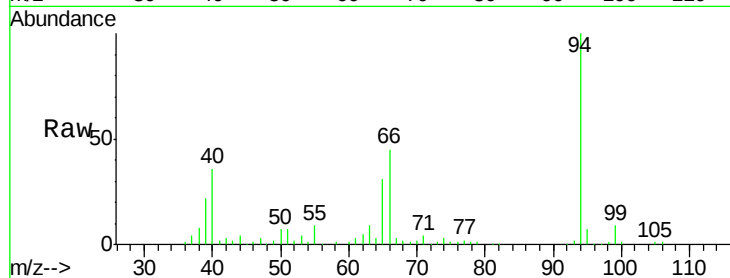
Tgt Ion: 94 Resp: 266224

Ion Ratio Lower Upper

94 100

65 31.2 24.2 36.4

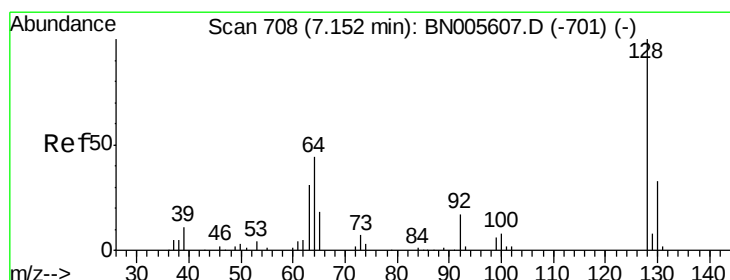
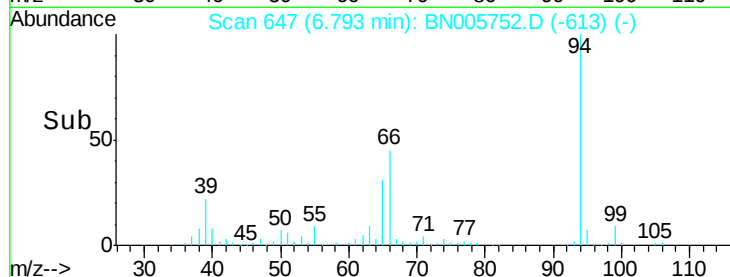
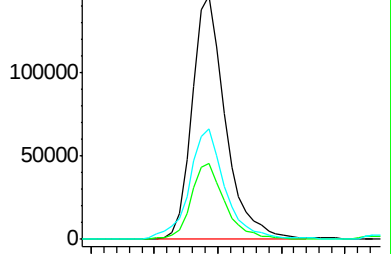
66 45.1 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005607.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BN005607.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BN005607.D (-640) (-)



#10

2-Chlorophenol

Concen: 24.509 ng/ul

RT: 7.15 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

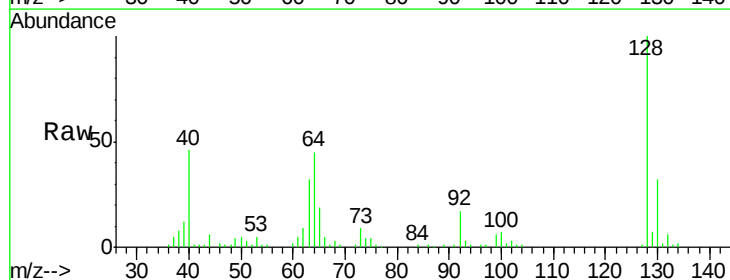
Tgt Ion: 128 Resp: 138770

Ion Ratio Lower Upper

128 100

64 44.7 42.3 63.5

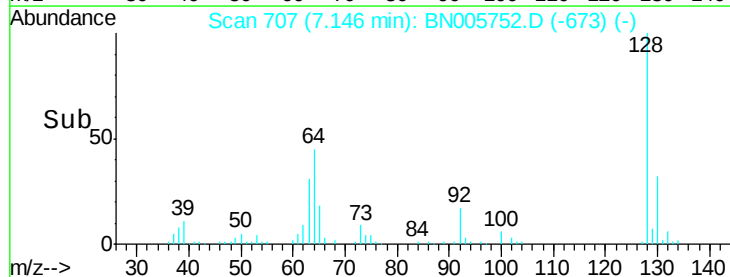
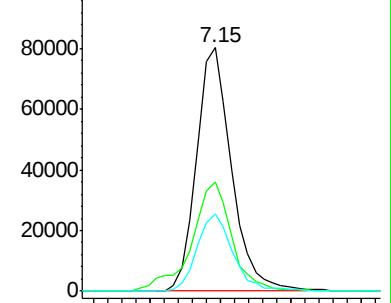
130 31.8 26.5 39.7

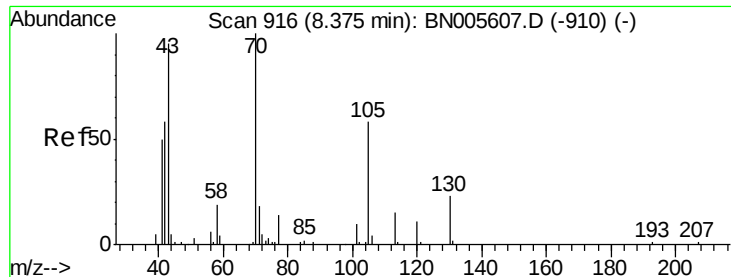


Abundance Ion 128.00 (127.70 to 128.70): BN005607.D (-701) (-)

Ion 64.00 (63.70 to 64.70): BN005607.D (-701) (-)

Ion 130.00 (129.70 to 130.70): BN005607.D (-701) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 28.655 ng/ul

RT: 8.37 min Scan# 915

Delta R.T. -0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

Tgt Ion: 70 Resp: 131733

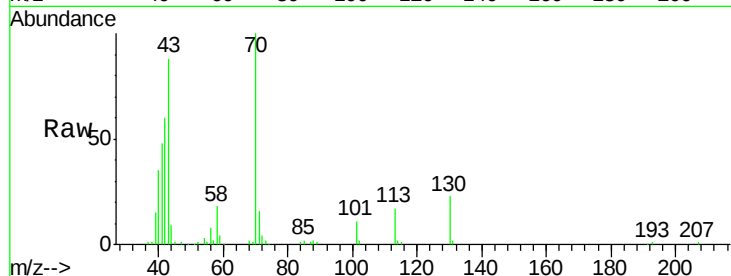
Ion Ratio Lower Upper

70 100

42 60.2 53.8 80.8

101 11.0 7.7 11.5

130 22.7 15.0 22.4#



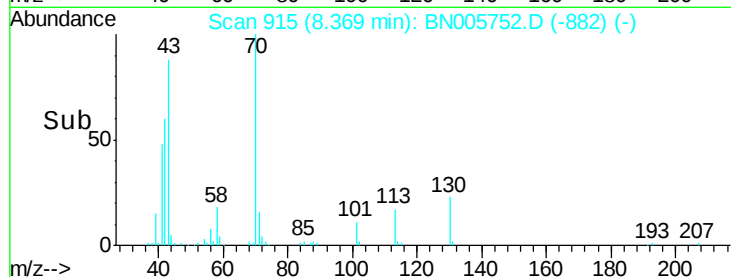
Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

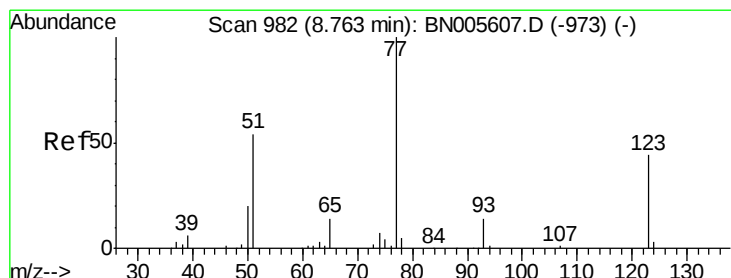
Ion 101.00 (100.70 to 101.70): BN0

Ion 130.00 (129.70 to 130.70): BN0

Time-->



Time-->



#20

Nitrobenzene

Concen: 21.730 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

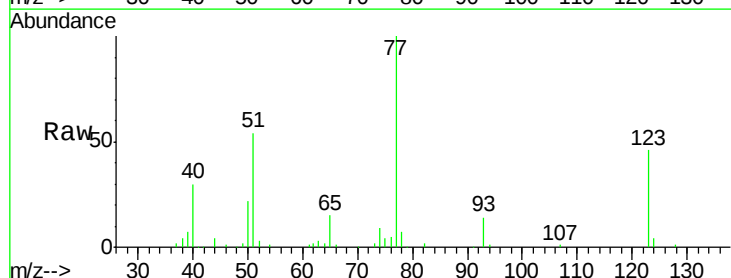
Tgt Ion: 77 Resp: 151604

Ion Ratio Lower Upper

77 100

123 45.6 32.6 49.0

65 14.6 11.6 17.4

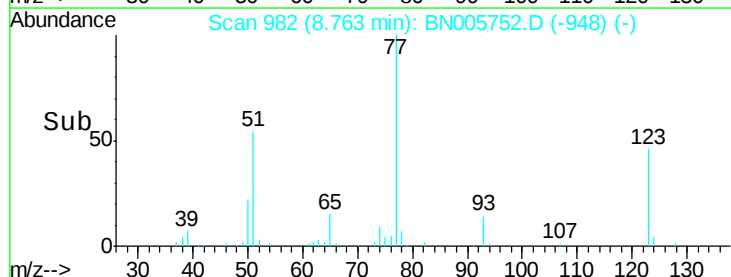


Abundance Ion 77.00 (76.70 to 77.70): BN0

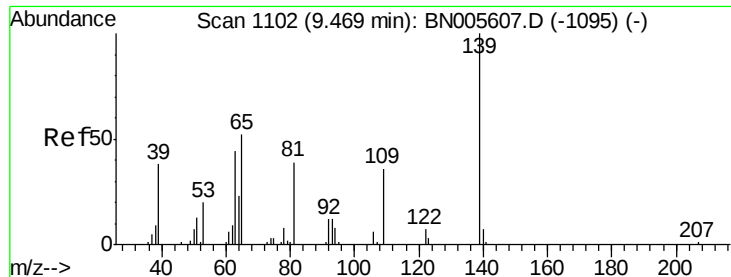
Ion 123.00 (122.70 to 123.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Time-->



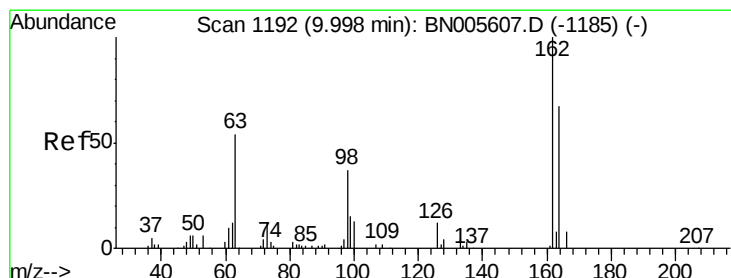
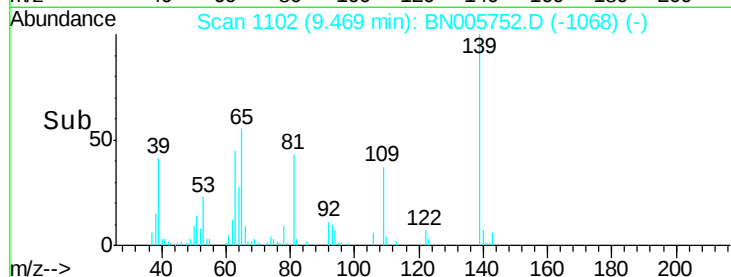
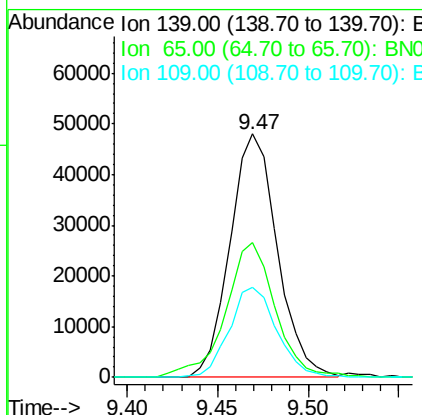
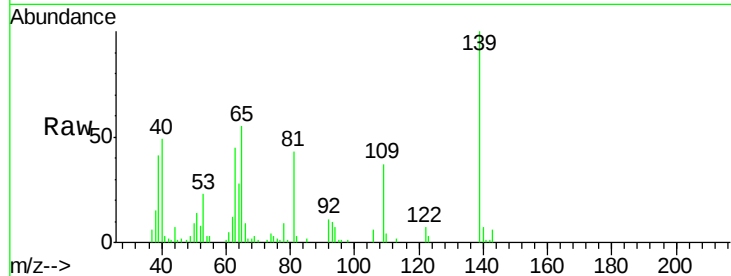
Time-->



#23
 2-Nitrophenol
 Concen: 24.062 ng/ul
 RT: 9.47 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BN005752.D
 Acq: 18 May 2019 14:43

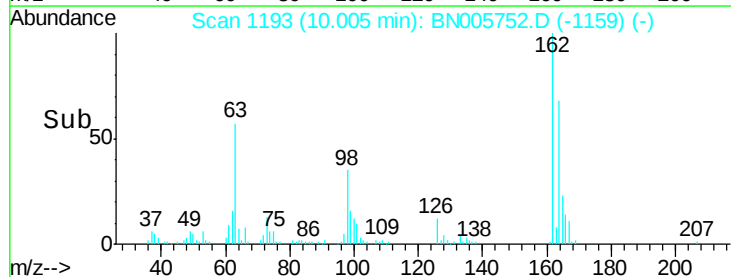
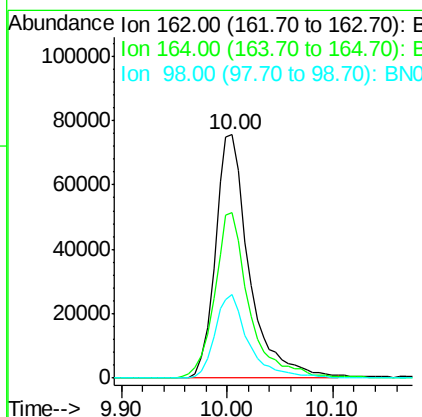
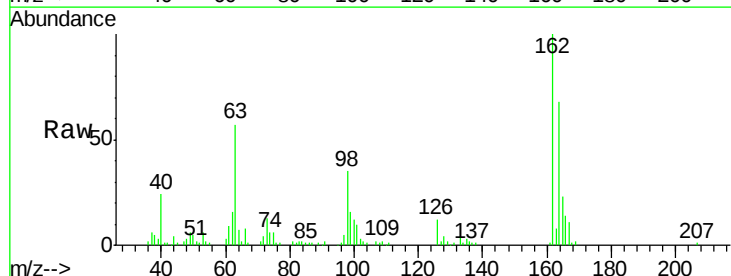
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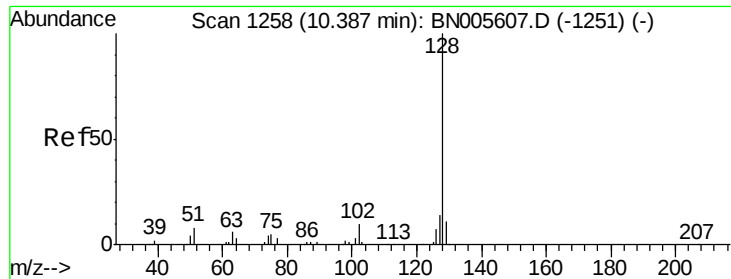
Tgt Ion:139 Resp: 87303
 Ion Ratio Lower Upper
 139 100
 65 55.3 44.2 66.4
 109 37.1 26.8 40.2



#27
 2,4-Dichlorophenol
 Concen: 26.324 ng/ul
 RT: 10.00 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BN005752.D
 Acq: 18 May 2019 14:43

Tgt Ion:162 Resp: 168459
 Ion Ratio Lower Upper
 162 100
 164 67.8 52.6 79.0
 98 34.5 30.8 46.2

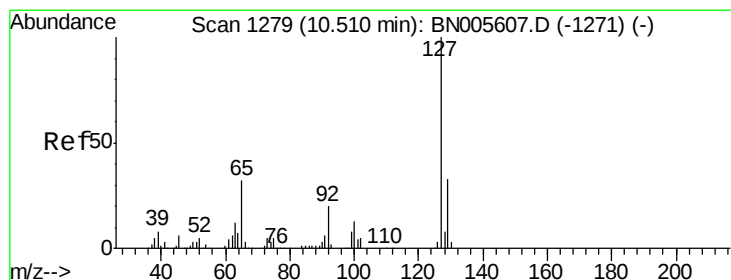
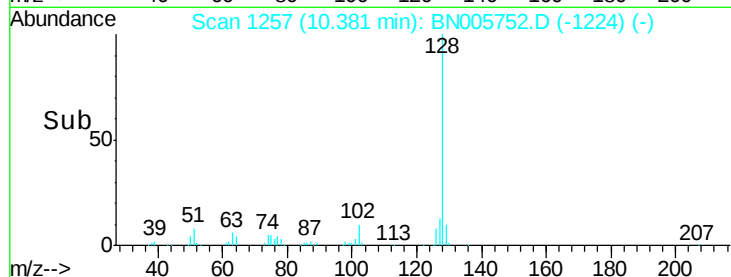
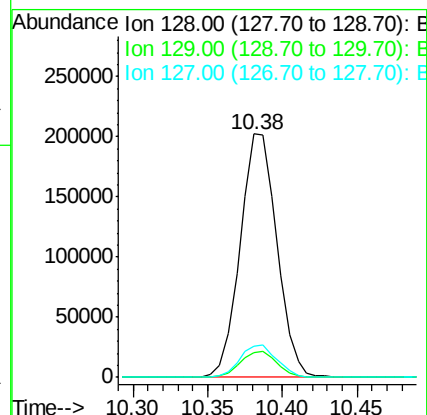
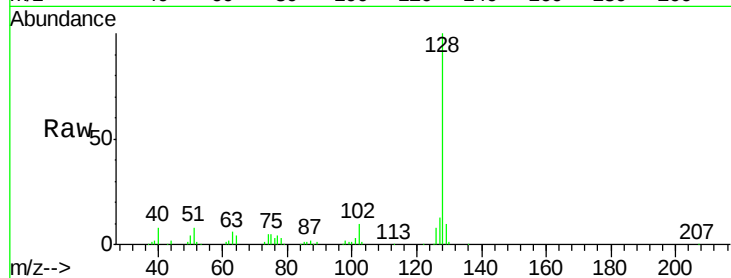




#28
Naphthalene
Concen: 17.473 ng/ul
RT: 10.38 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BN005752.D
Acq: 18 May 2019 14:43

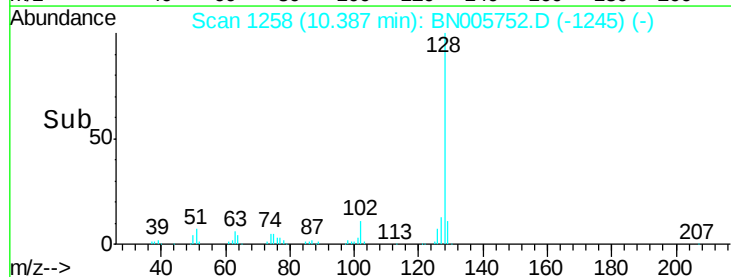
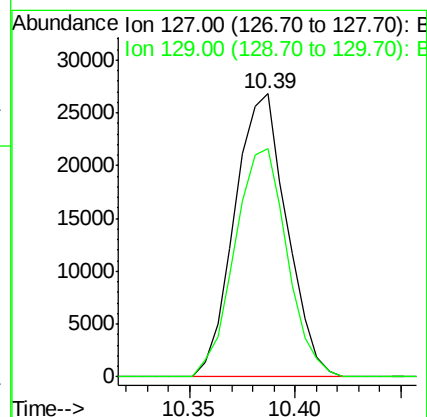
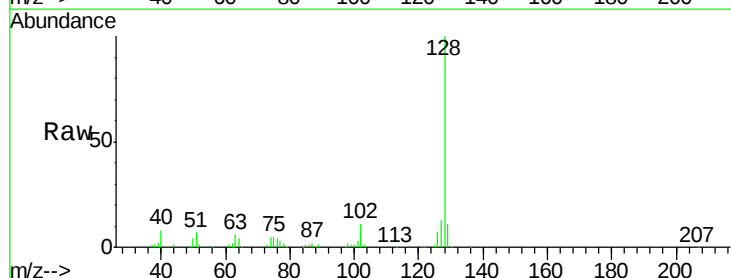
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ClientSampled :
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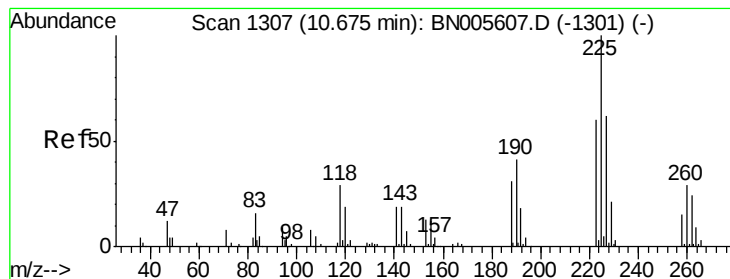
Tgt Ion:128 Resp: 347042
Ion Ratio Lower Upper
128 100
129 10.4 9.2 13.8
127 12.7 10.7 16.1



#30
4-Chloroaniline
Concen: 6.152 ng/ul
RT: 10.39 min Scan# 1258
Delta R.T. -0.12 min
Lab File: BN005752.D
Acq: 18 May 2019 14:43

Tgt Ion:127 Resp: 45951
Ion Ratio Lower Upper
127 100
129 80.8 25.8 38.6#





#31

Hexachlorobutadiene

Concen: 24.976 ng/ul

RT: 10.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

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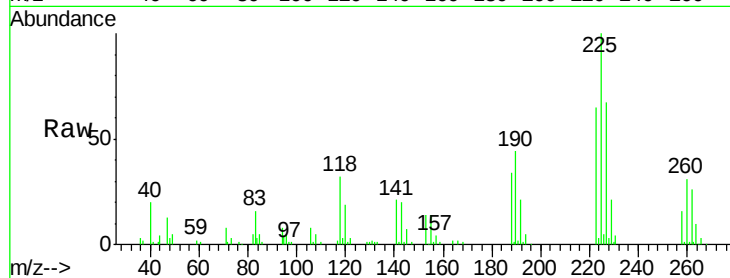
Tgt Ion:225 Resp: 116584

Ion Ratio Lower Upper

225 100

223 64.6 48.5 72.7

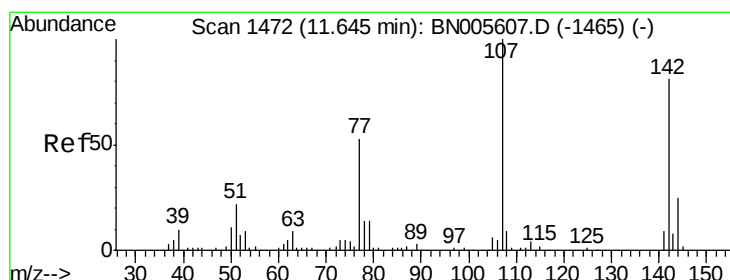
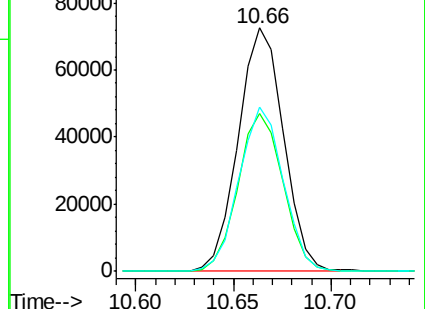
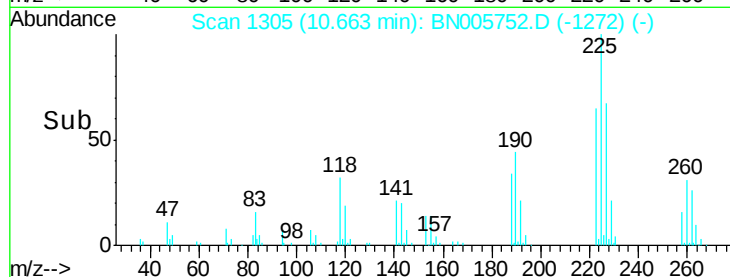
227 67.4 51.0 76.6



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: 43.031 ng/ul

RT: 11.64 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

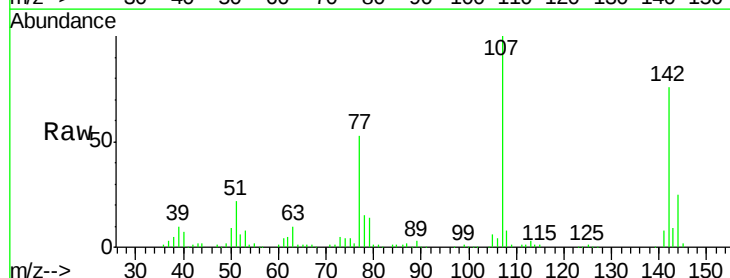
Tgt Ion:107 Resp: 311481

Ion Ratio Lower Upper

107 100

144 24.9 19.4 29.0

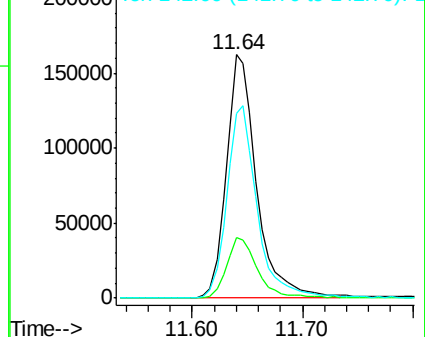
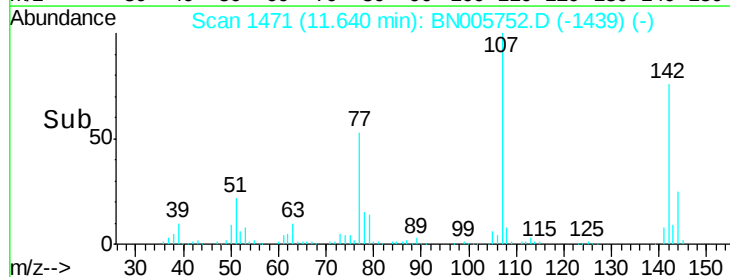
142 75.6 57.7 86.5

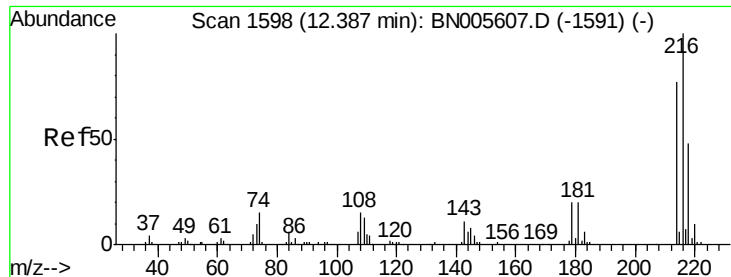


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

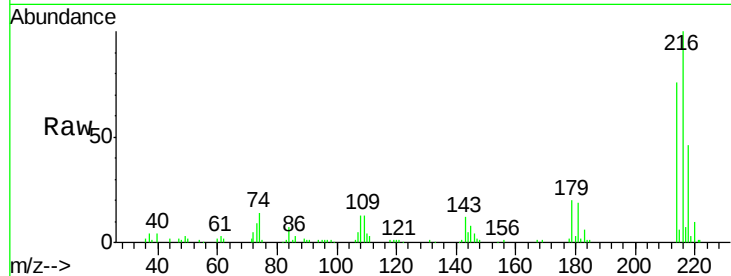




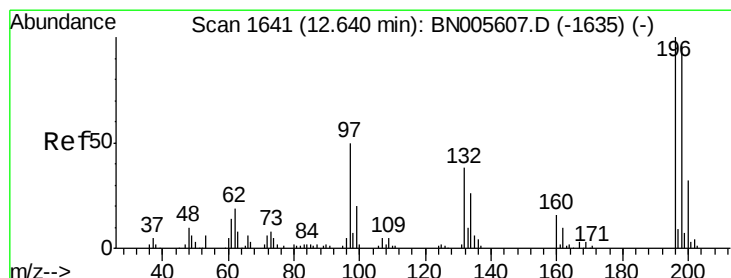
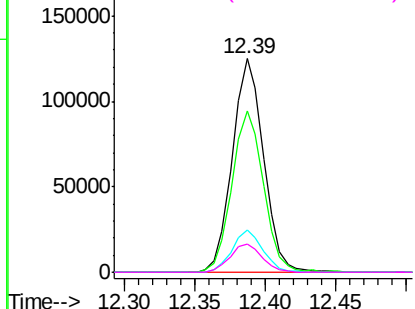
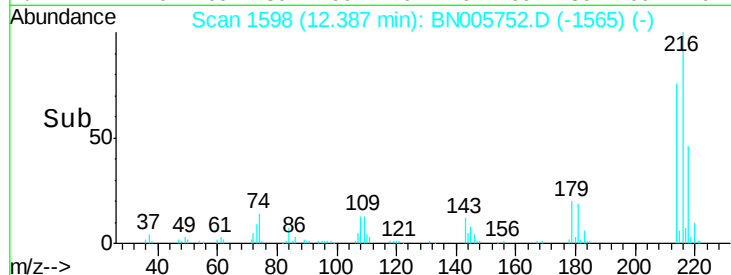
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.333 ng/ul
 RT: 12.39 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BN005752.D
 Acq: 18 May 2019 14:43

Instrument :
 BNA_N
 ClientSampleId :
 A5112

Tgt Ion:216 Resp: 192794
 Ion Ratio Lower Upper
 216 100
 214 75.7 64.1 96.1
 179 19.5 17.4 26.0
 108 13.3 13.7 20.5#

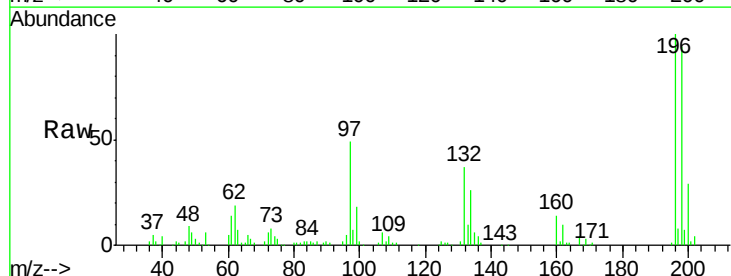


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

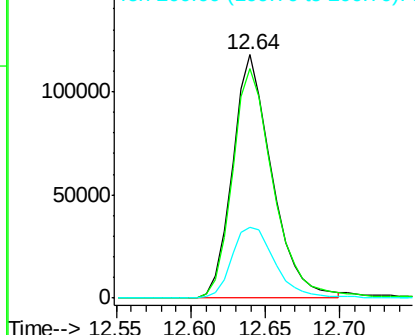
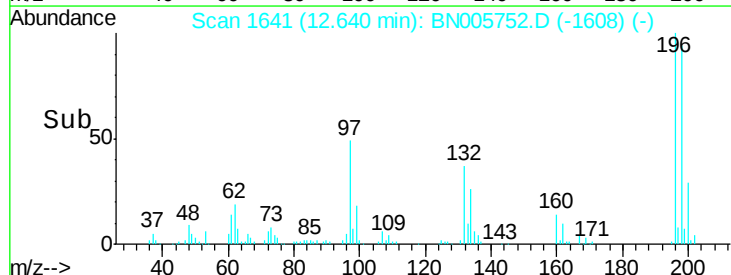


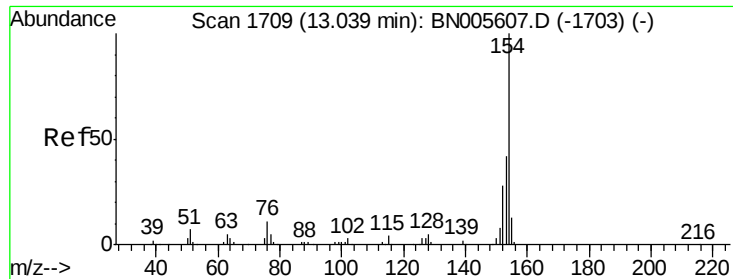
#38
 2,4,6-Trichlorophenol
 Concen: 36.964 ng/ul
 RT: 12.64 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BN005752.D
 Acq: 18 May 2019 14:43

Tgt Ion:196 Resp: 216955
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.8 112.2
 200 29.2 23.5 35.3



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

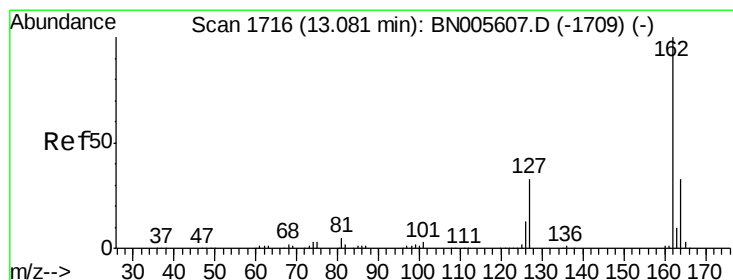
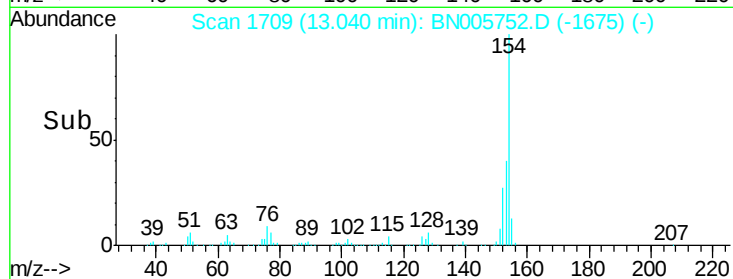
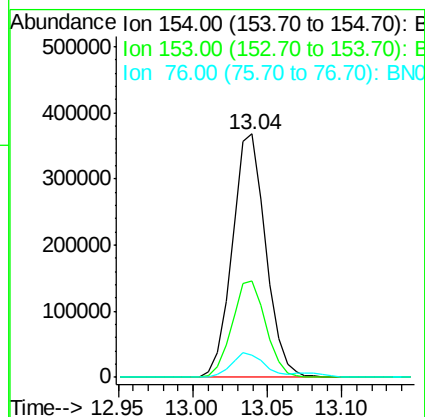
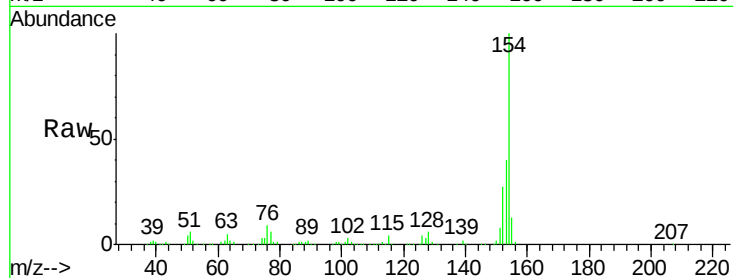




#40
 1,1'-Biphenyl
 Concen: 26.926 ng/ul
 RT: 13.04 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BN005752.D
 Acq: 18 May 2019 14:43

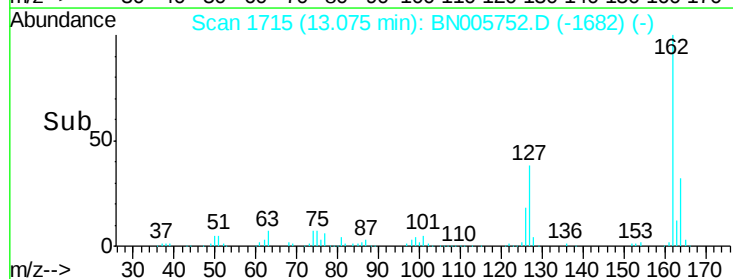
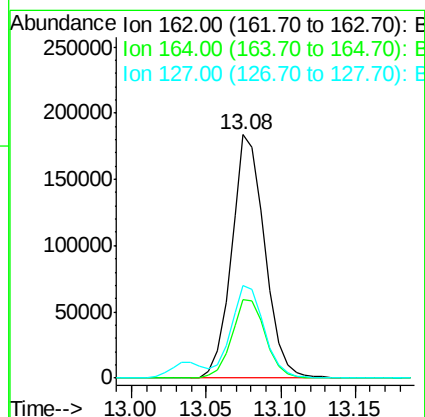
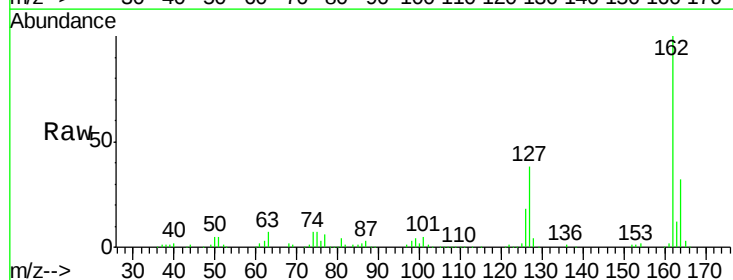
Instrument :
 BNA_N
 ClientSampleId :
 A5112

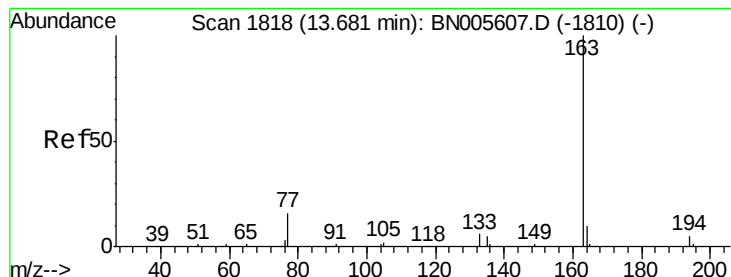
Tgt Ion:	154	Resp:	576617
Ion	Ratio	Lower	Upper
154	100		
153	39.6	32.6	49.0
76	9.1	10.4	15.6#



#41
 2-Chloronaphthalene
 Concen: 16.765 ng/ul
 RT: 13.08 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BN005752.D
 Acq: 18 May 2019 14:43

Tgt Ion:	162	Resp:	283582
Ion	Ratio	Lower	Upper
162	100		
164	32.5	26.8	40.2
127	38.0	33.5	50.3





#44

Dimethylphthalate

Concen: 28.693 ng/ul

RT: 13.68 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

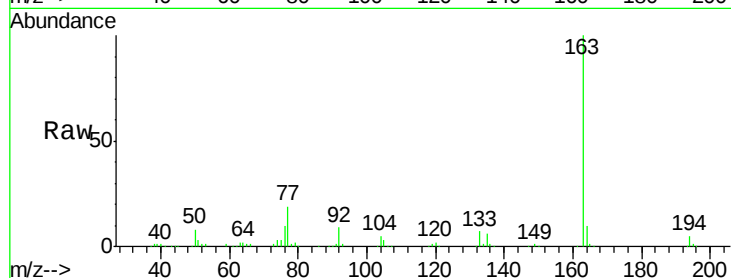
Tgt Ion:163 Resp: 641062

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

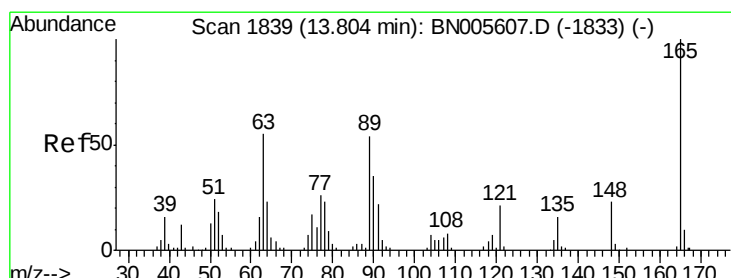
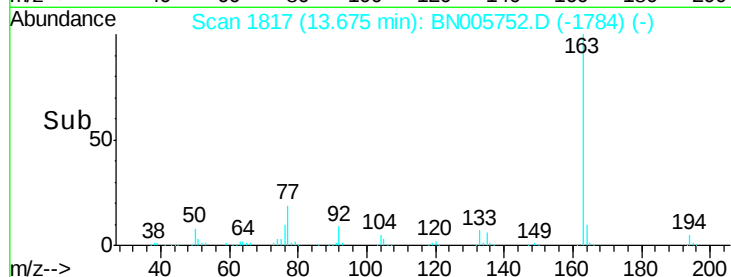
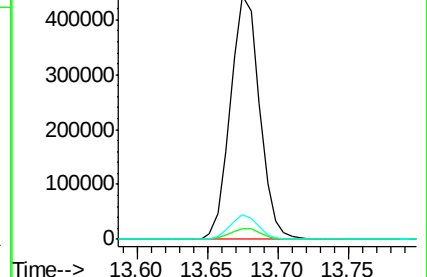
164 10.4 8.1 12.1



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: 25.197 ng/ul

RT: 13.81 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

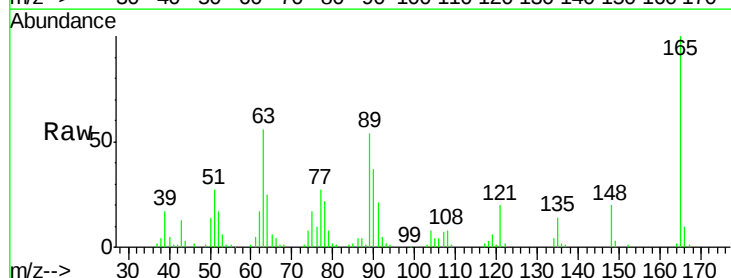
Tgt Ion:165 Resp: 118626

Ion Ratio Lower Upper

165 100

89 54.2 50.2 75.2

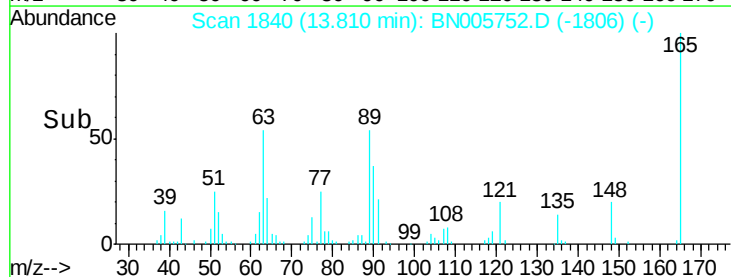
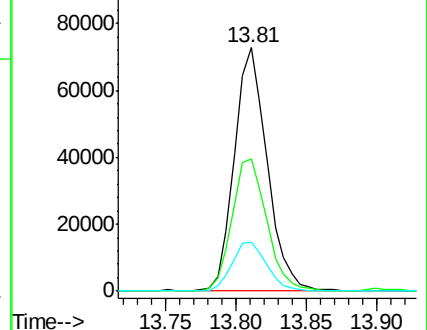
121 20.2 19.4 29.2

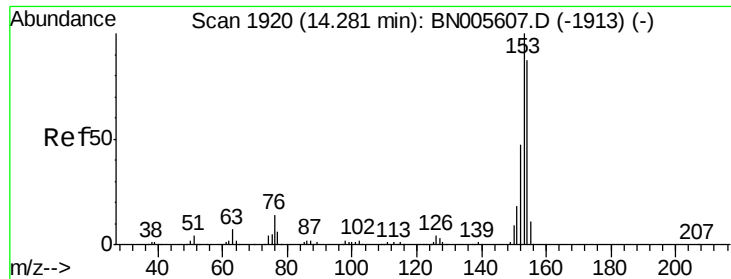


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#49

Acenaphthene

Concen: 22.330 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

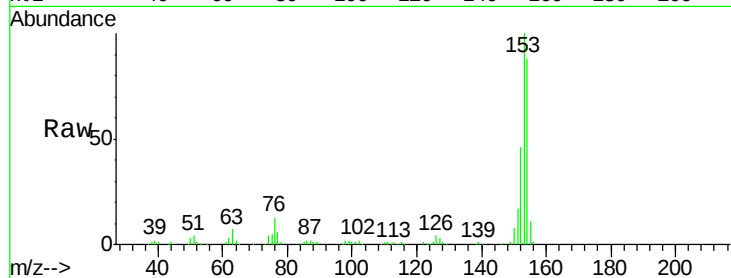
Tgt Ion:153 Resp: 401138

Ion Ratio Lower Upper

153 100

152 46.4 37.4 56.0

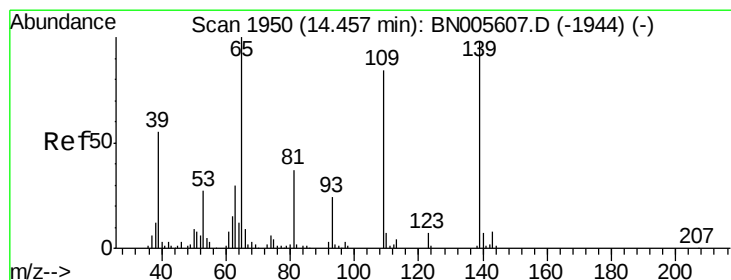
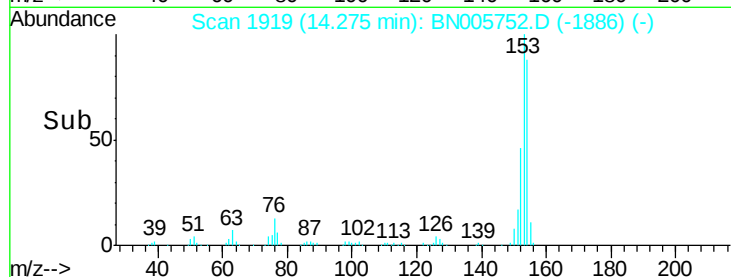
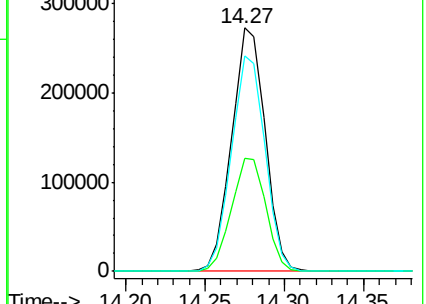
154 88.4 71.2 106.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 28.143 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

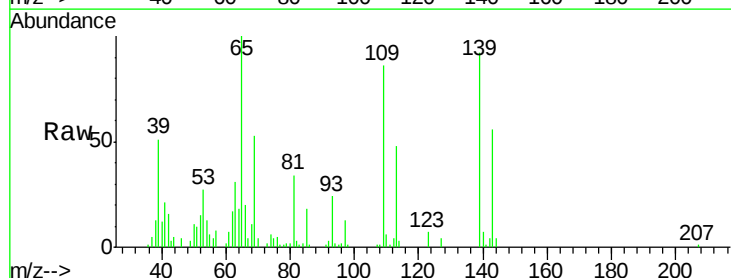
Tgt Ion:109 Resp: 83906

Ion Ratio Lower Upper

109 100

139 106.6 92.3 138.5

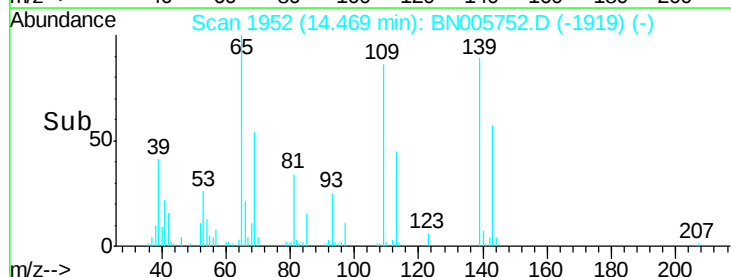
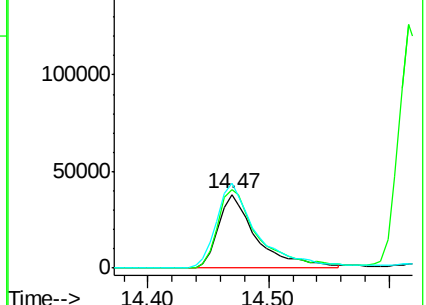
65 116.0 97.5 146.3

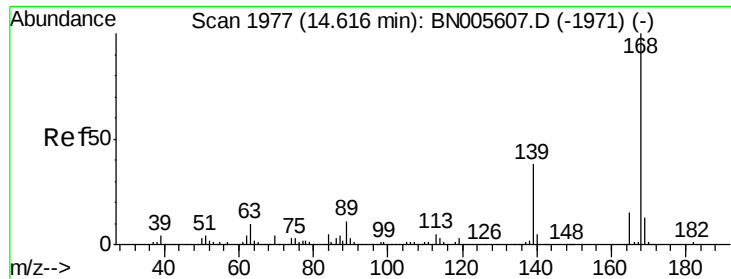


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC





#53

Dibenzo(f,h)quinoxaline

Concen: 18.748 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

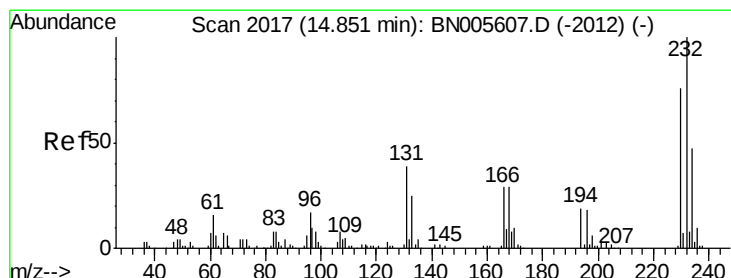
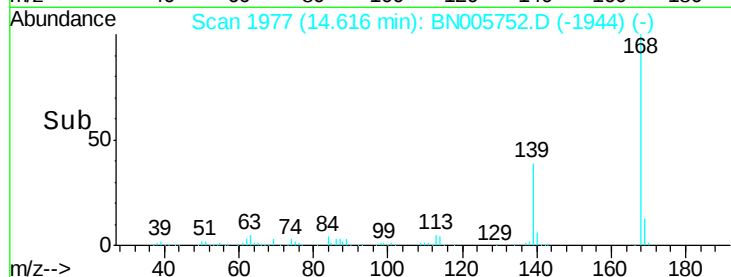
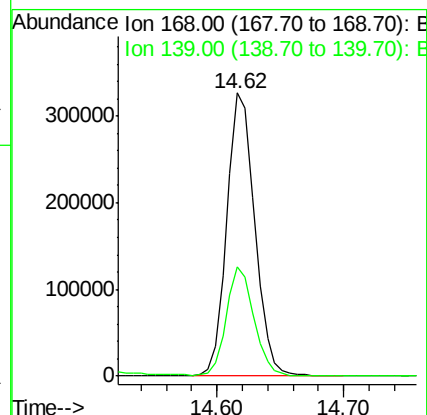
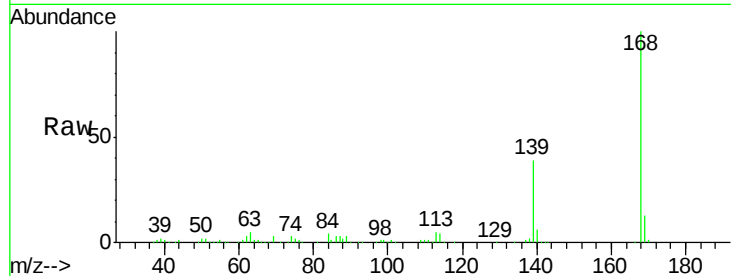
A5112

Tgt Ion:168 Resp: 499691

Ion Ratio Lower Upper

168 100

139 38.6 30.9 46.3



#55

2,3,4,6-Tetrachlorophenol

Concen: 23.892 ng/ul

RT: 14.86 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Tgt Ion:232 Resp: 136782

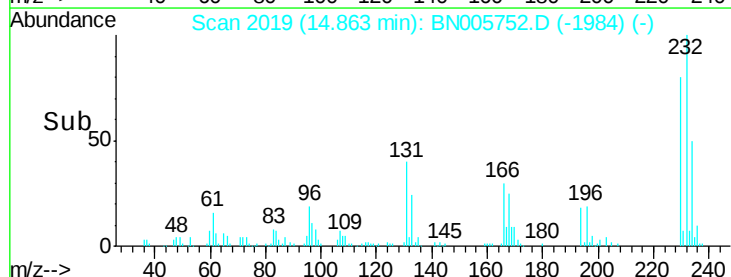
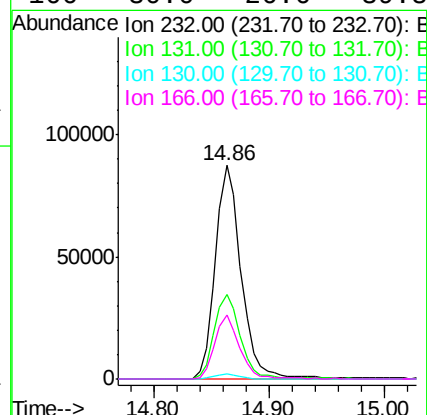
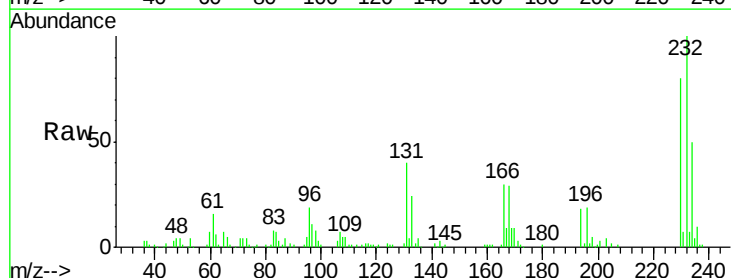
Ion Ratio Lower Upper

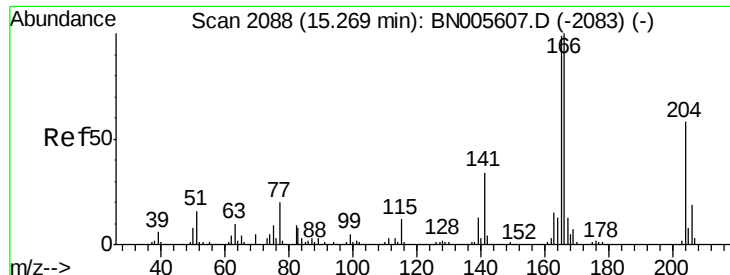
232 100

131 39.6 36.6 54.8

130 2.3 2.0 3.0

166 30.0 26.6 39.8





#59

4-Chlorophenyl-phenylether

Concen: 17.135 ng/ul

RT: 15.27 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

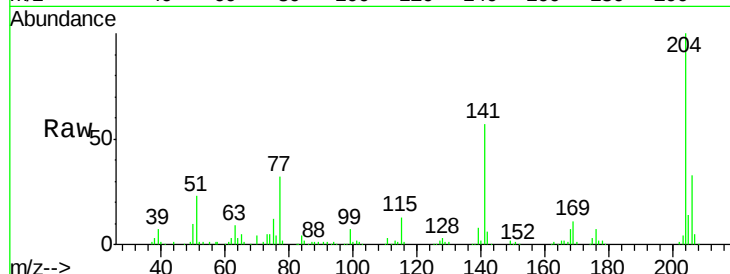
Tgt Ion:204 Resp: 202652

Ion Ratio Lower Upper

204 100

206 33.2 26.9 40.3

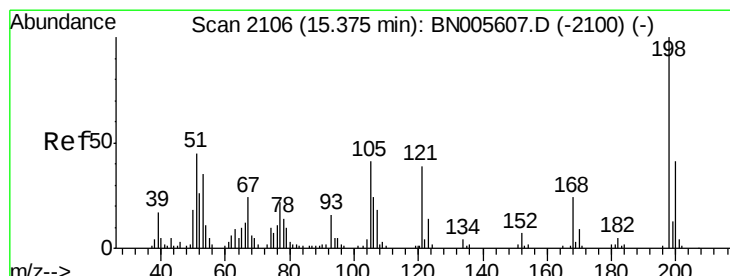
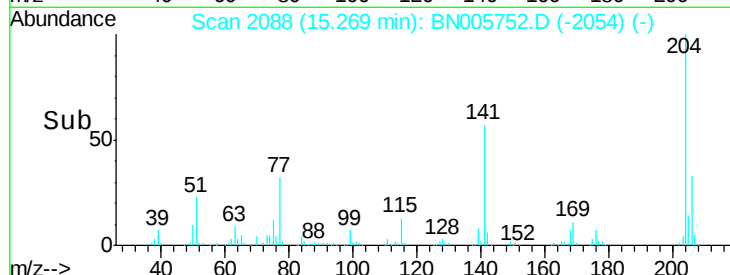
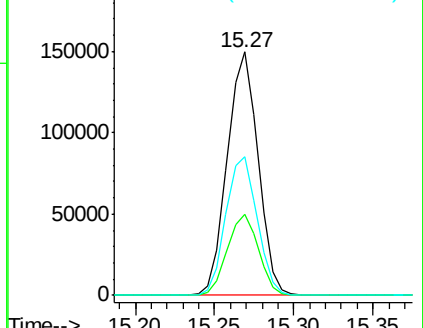
141 57.2 47.9 71.9



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: 43.757 ng/ul

RT: 15.39 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

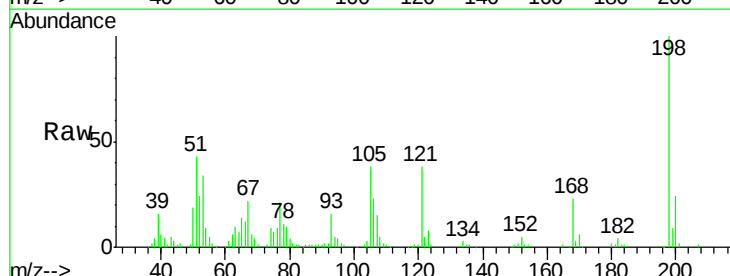
Tgt Ion:198 Resp: 197901

Ion Ratio Lower Upper

198 100

182 4.5 3.0 4.6

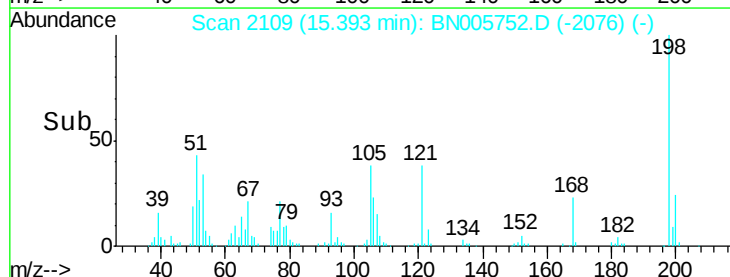
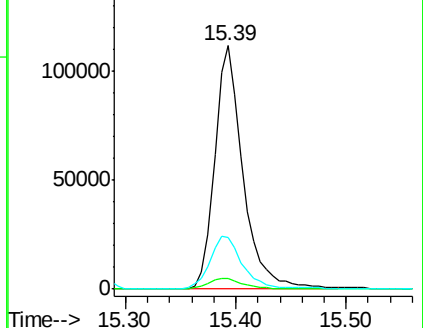
77 21.0 21.9 32.9#

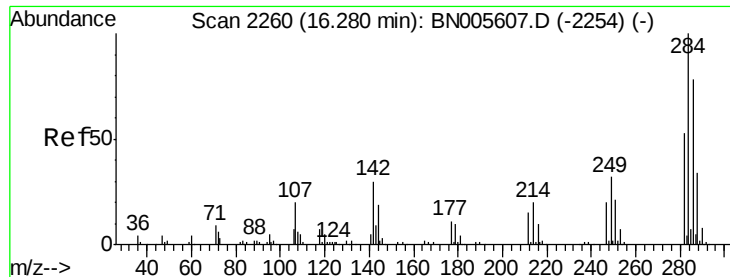


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC

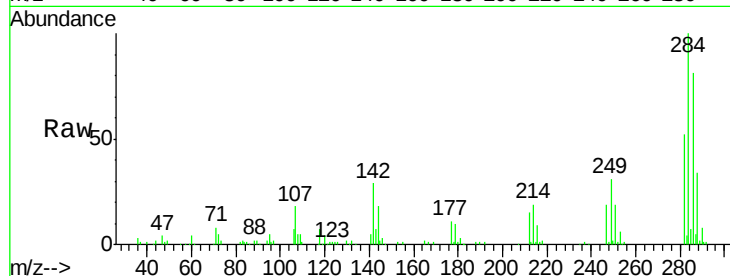




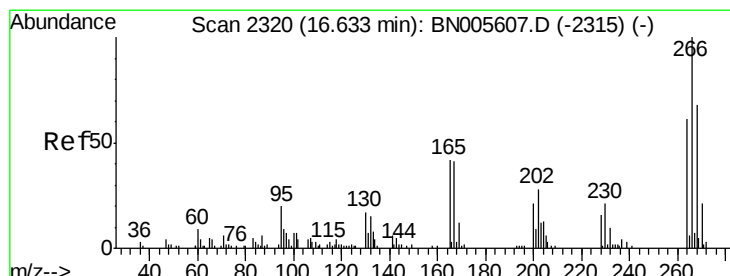
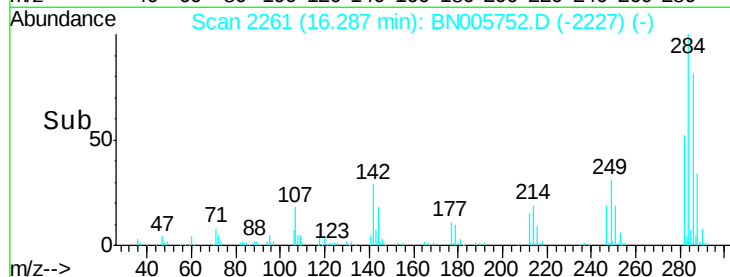
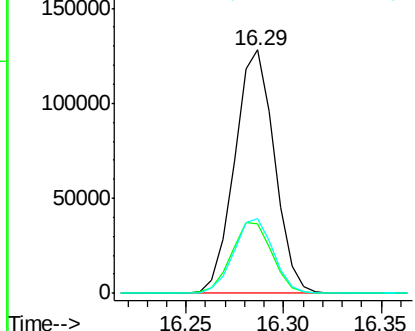
#66
Hexachlorobenzene
Concen: 20.516 ng/ul
RT: 16.29 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BN005752.D
Acq: 18 May 2019 14:43

Instrument :
BNA_N
ClientSampleId :
A5112

Tgt Ion:284 Resp: 181036
Ion Ratio Lower Upper
284 100
142 28.6 29.4 44.2#
249 30.6 26.1 39.1

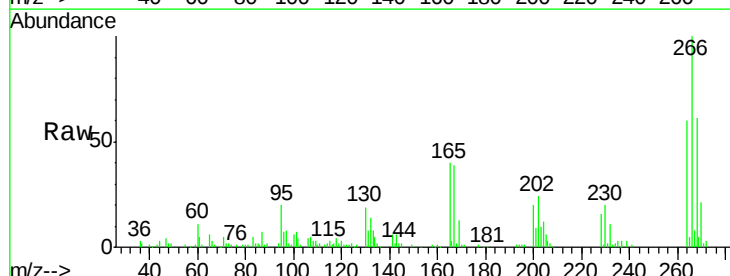


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

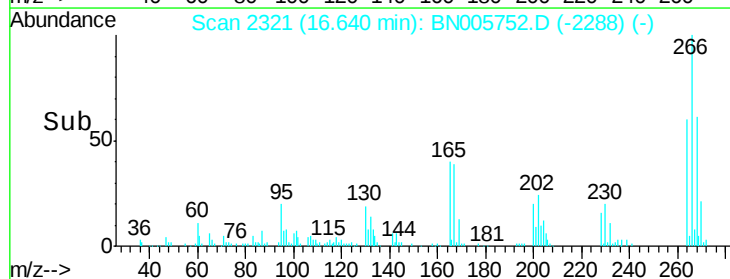
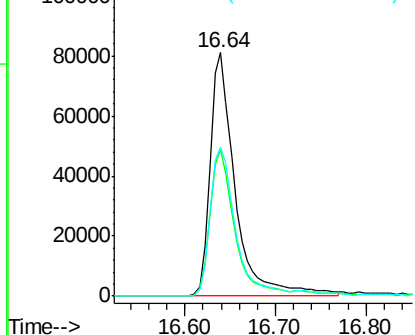


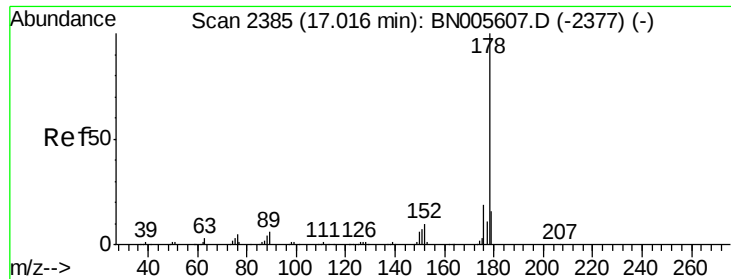
#68
Pentachlorophenol
Concen: 38.412 ng/ul
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BN005752.D
Acq: 18 May 2019 14:43

Tgt Ion:266 Resp: 156385
Ion Ratio Lower Upper
266 100
264 60.0 49.7 74.5
268 61.2 52.4 78.6



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: 18.228 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

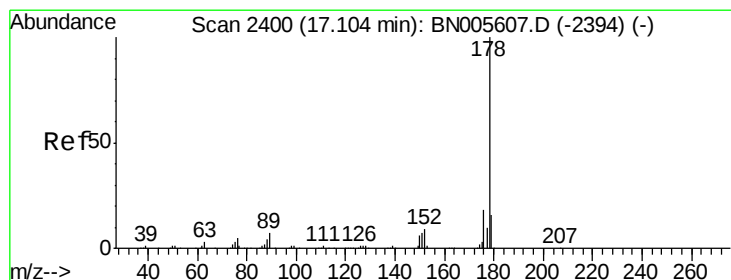
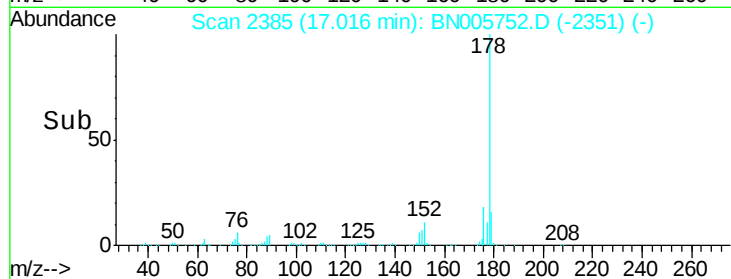
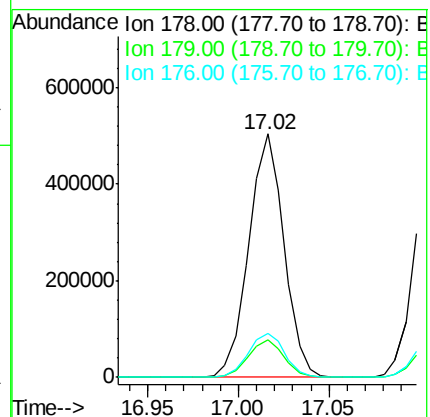
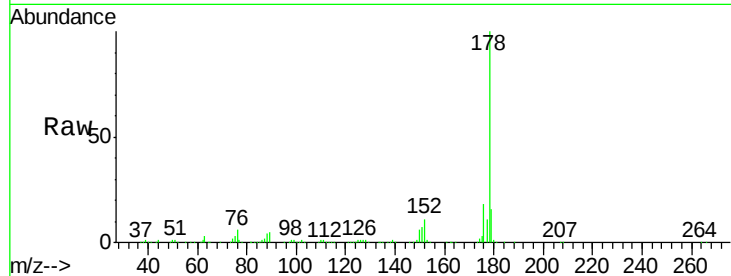
Tgt Ion:178 Resp: 678710

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.2 15.1 22.7



#71

Anthracene

Concen: 20.468 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

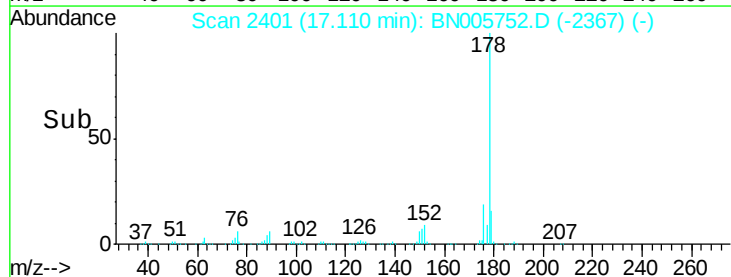
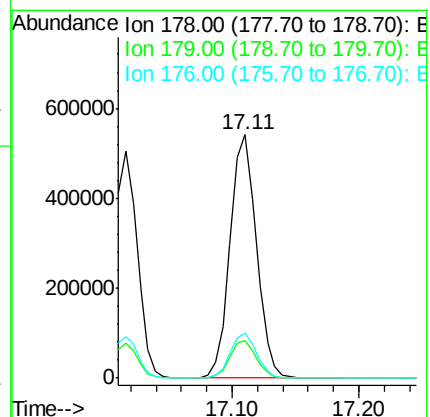
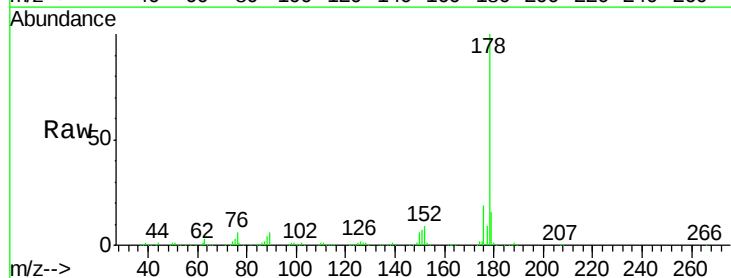
Tgt Ion:178 Resp: 775965

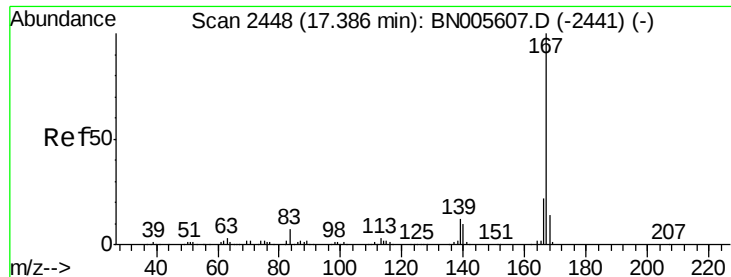
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.5 15.1 22.7





#74

Carbazole

Concen: 21.666 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

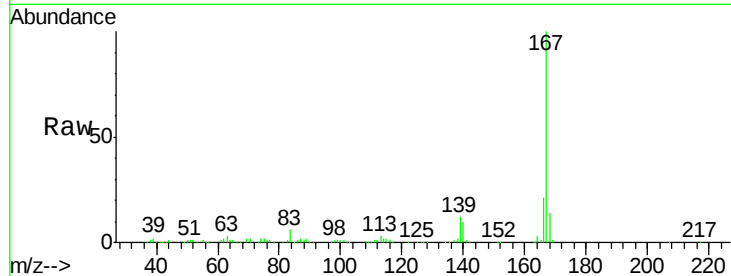
Tgt Ion:167 Resp: 724173

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.1 10.6 16.0

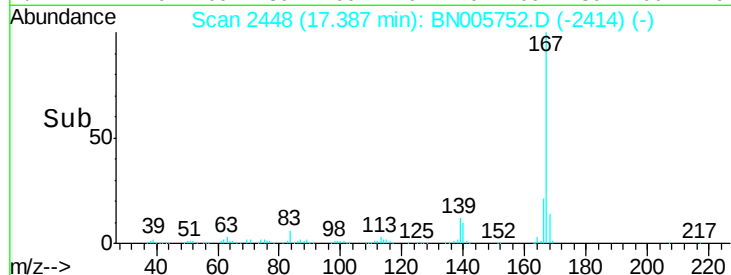


Abundance Ion 167.00 (166.70 to 167.70): E

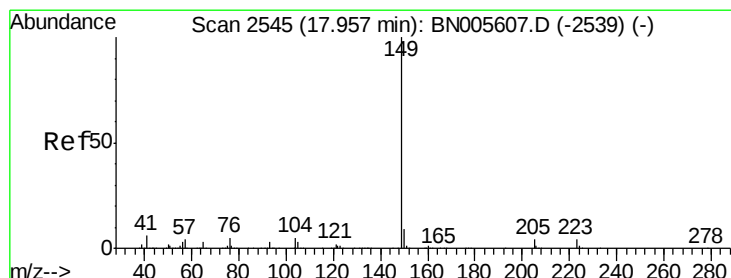
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.39



Time-->



#75

Di-n-butylphthalate

Concen: 18.446 ng/ul

RT: 17.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

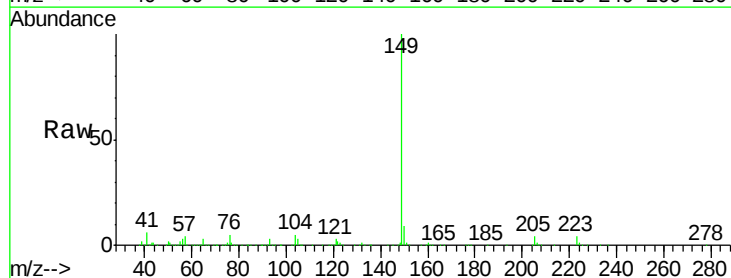
Tgt Ion:149 Resp: 736501

Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.3 4.2 6.2

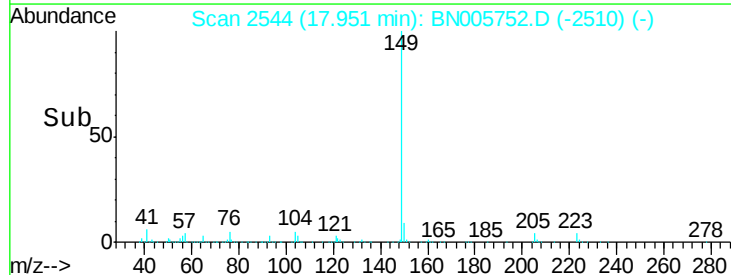


Abundance Ion 149.00 (148.70 to 149.70): E

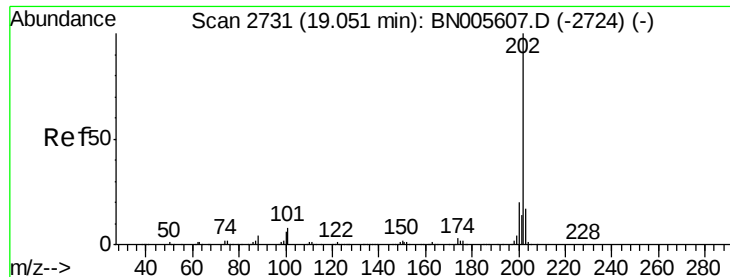
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

17.95



Time-->



#76

Fluoranthene

Concen: 41.227 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

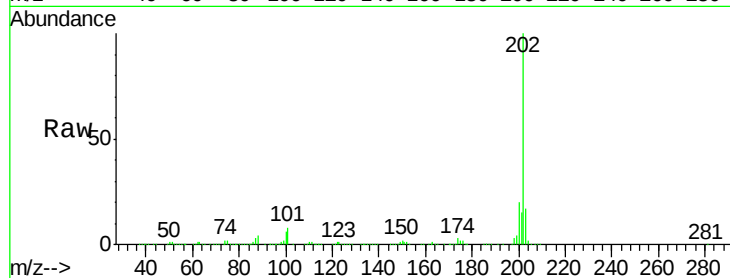
Tgt Ion:202 Resp: 1897819

Ion Ratio Lower Upper

202 100

101 7.6 8.6 12.8#

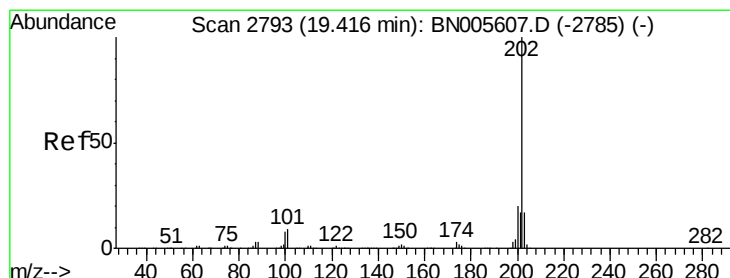
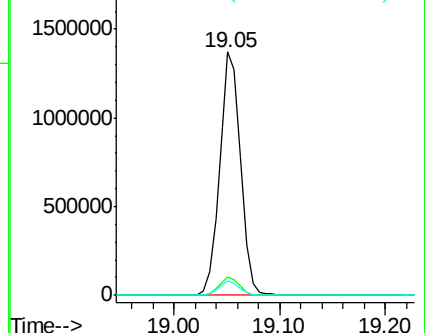
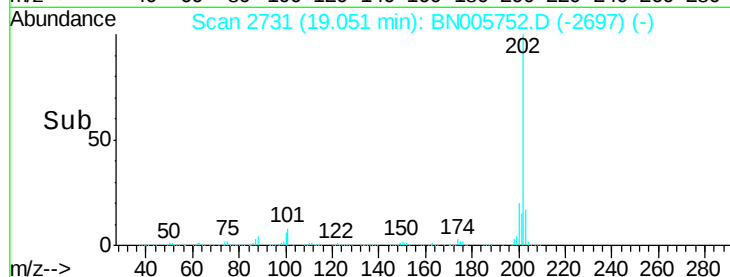
100 6.0 6.3 9.5#



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: 27.737 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

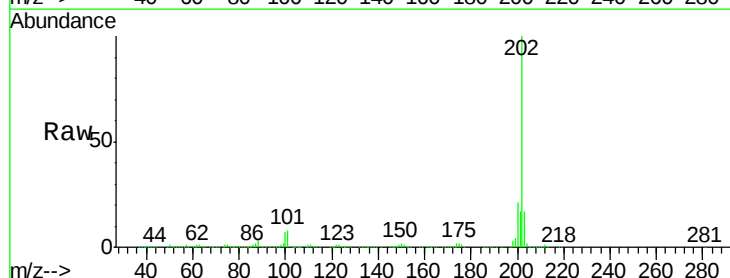
Tgt Ion:202 Resp: 1377911

Ion Ratio Lower Upper

202 100

101 8.4 10.3 15.5#

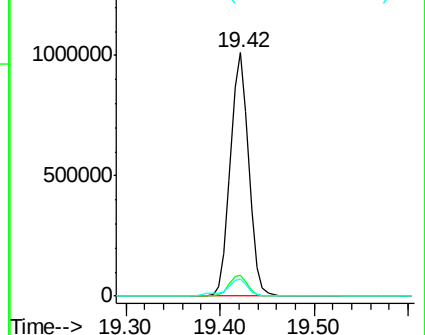
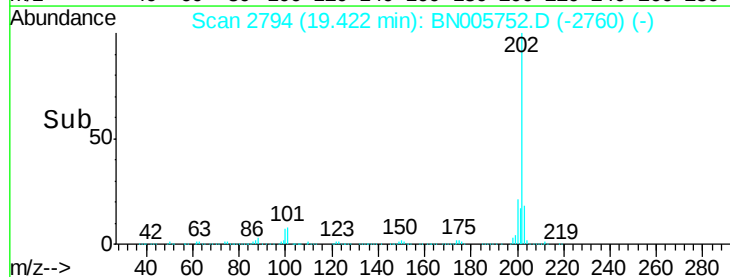
100 6.8 7.9 11.9#

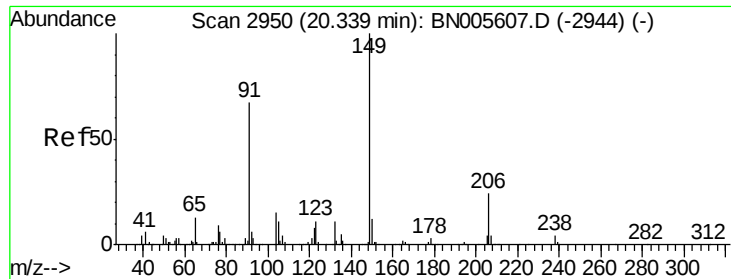


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

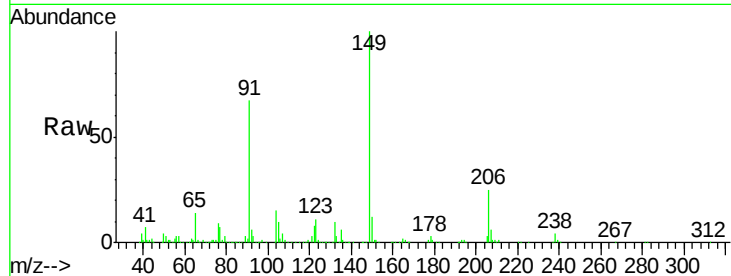




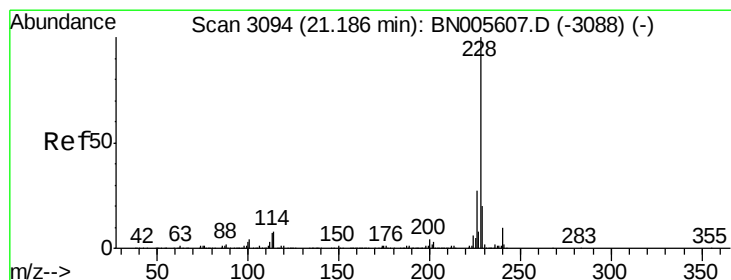
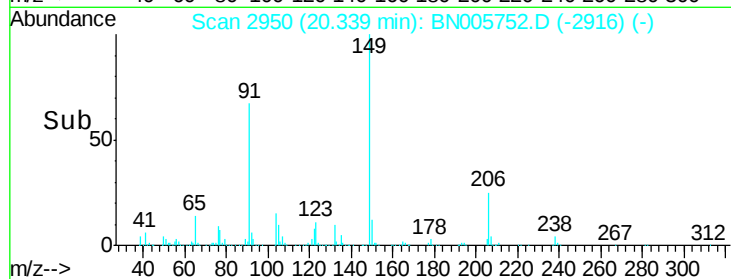
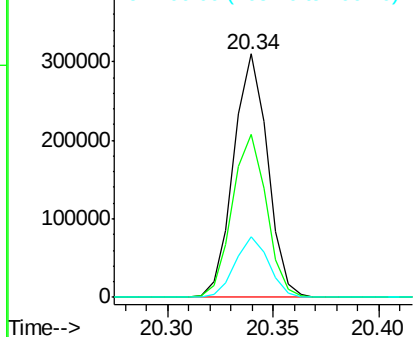
#80
Butylbenzylphthalate
Concen: 16.918 ng/ul
RT: 20.34 min Scan# 2950
Delta R.T. 0.00 min
Lab File: BN005752.D
Acq: 18 May 2019 14:43

Instrument :
BNA_N
ClientSampleId :
A5112

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.9	59.6	89.4
206	24.9	17.8	26.8

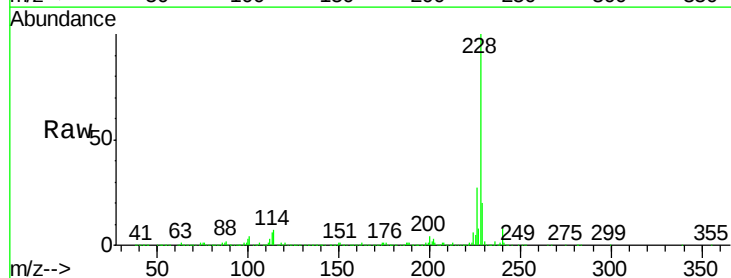


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNO
Ion 206.00 (205.70 to 206.70): E

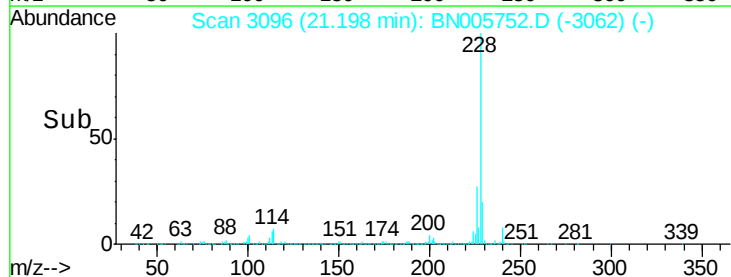
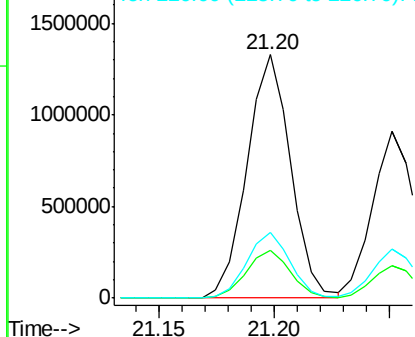


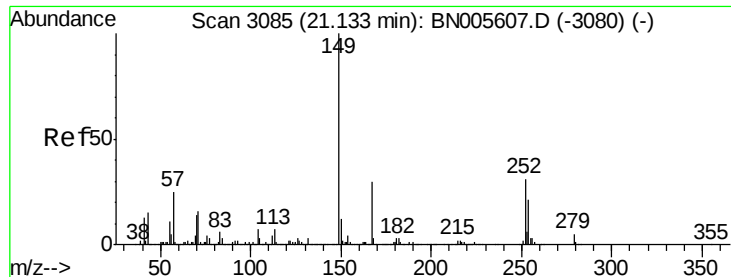
#82
Benzo(a)anthracene
Concen: 34.266 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN005752.D
Acq: 18 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.6
226	26.9	21.4	32.2



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

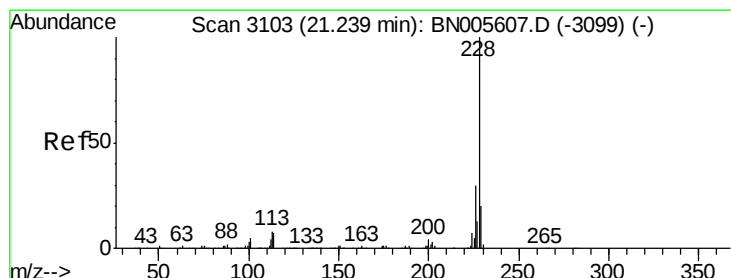
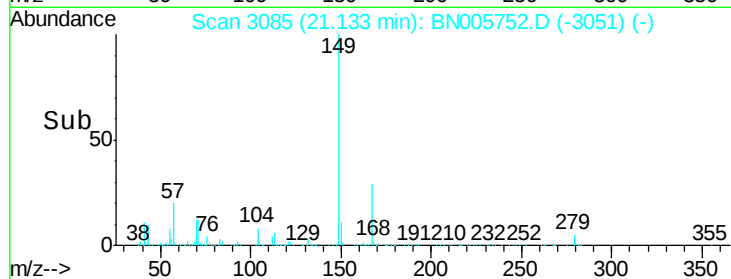
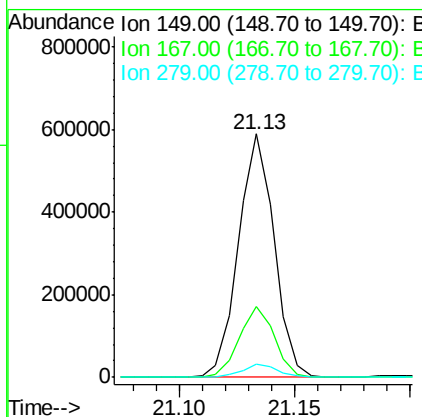
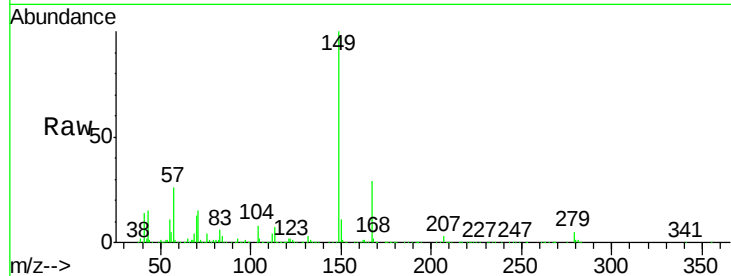




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.889 ng/ul
 RT: 21.13 min Scan# 3085
 Delta R.T. 0.00 min
 Lab File: BN005752.D
 Acq: 18 May 2019 14:43

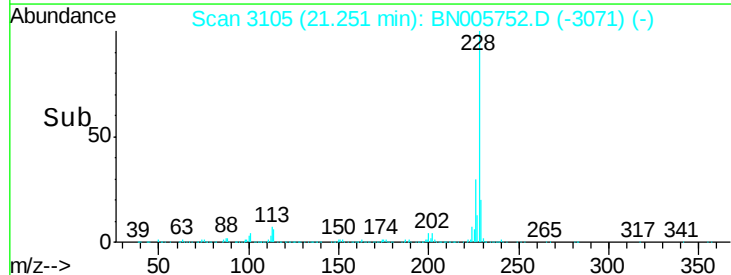
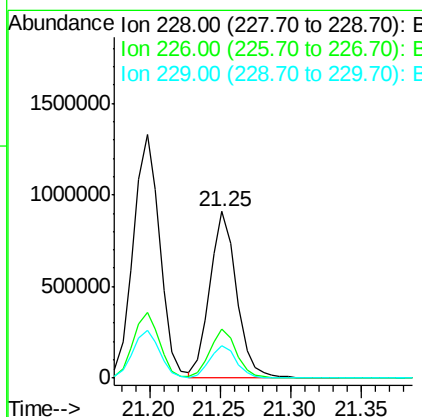
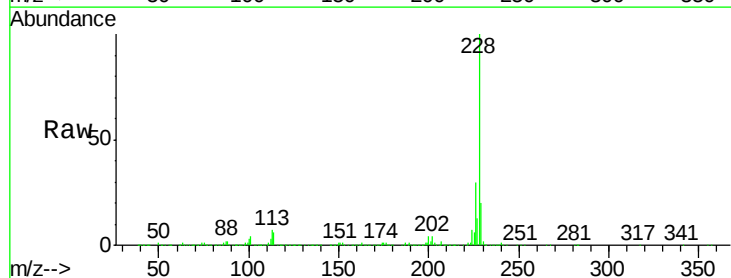
Instrument :
 BNA_N
 ClientSampleId :
 A5112

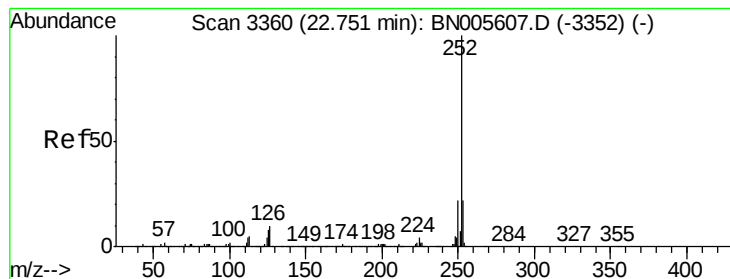
Tgt Ion:149 Resp: 632078
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.3 33.5
 279 5.4 3.3 4.9#



#84
 Chrysene
 Concen: 24.962 ng/ul
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BN005752.D
 Acq: 18 May 2019 14:43

Tgt Ion:228 Resp: 1199258
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.0 36.0
 229 19.7 15.4 23.0





#87

Benzo(b)fluoranthene

Concen: 25.090 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

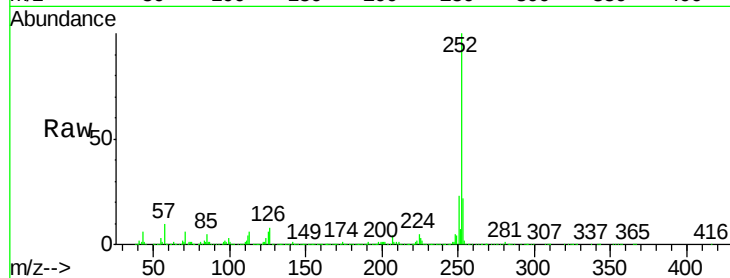
Tgt Ion:252 Resp: 1301710

Ion Ratio Lower Upper

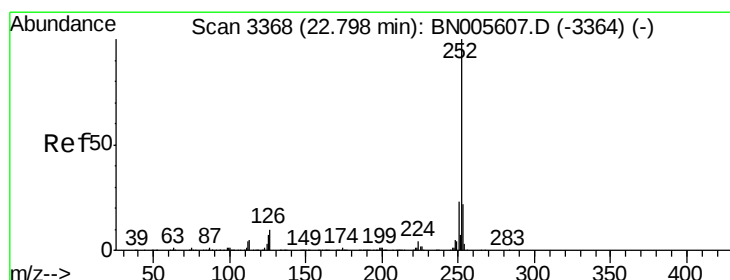
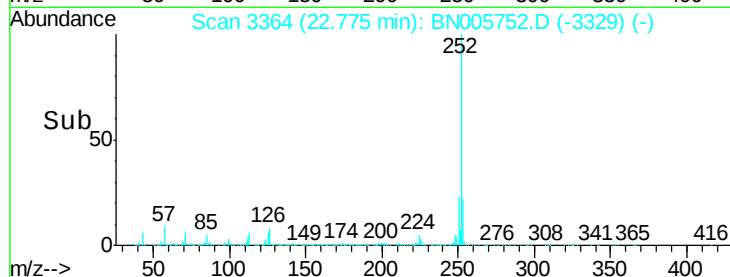
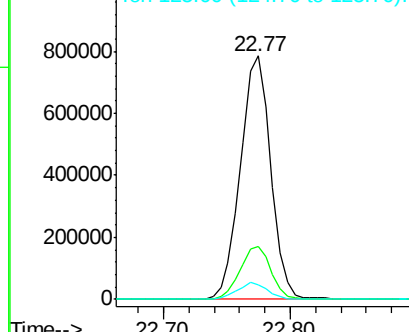
252 100

253 21.8 17.7 26.5

125 6.2 8.4 12.6#



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: 25.930 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.04 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

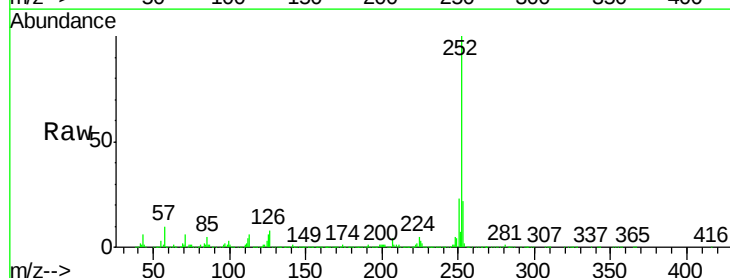
Tgt Ion:252 Resp: 1301710

Ion Ratio Lower Upper

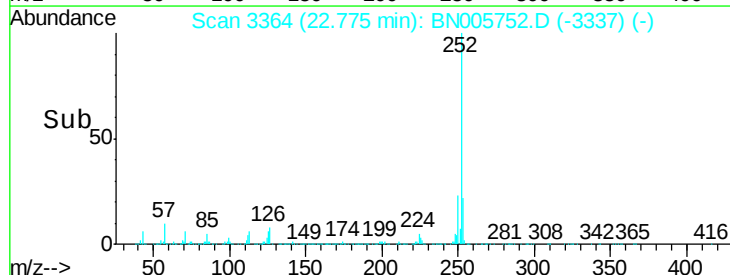
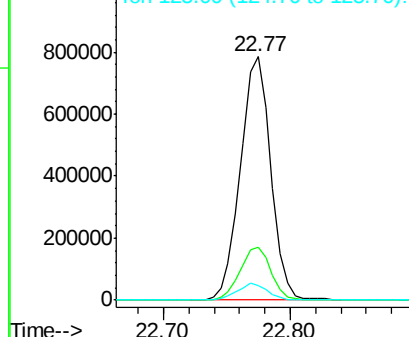
252 100

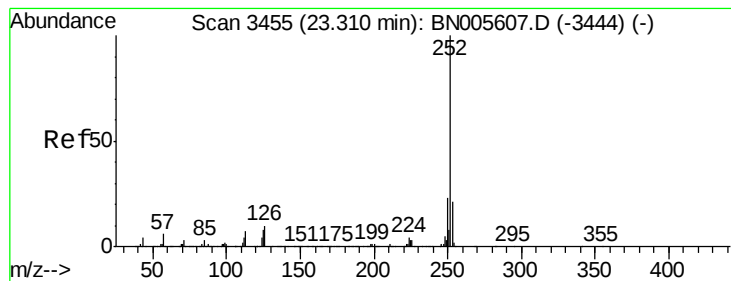
253 21.8 17.4 26.0

125 6.2 7.5 11.3#



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





#90

Benzo(a)pyrene

Concen: 23.386 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

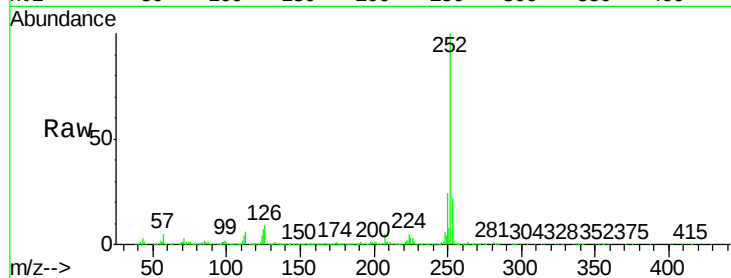
Tgt Ion:252 Resp: 1174872

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

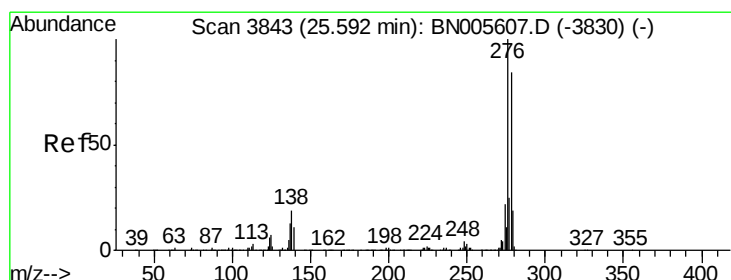
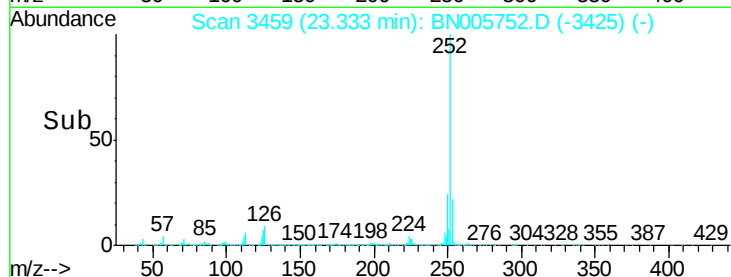
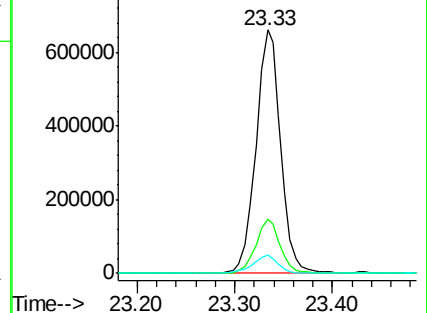
125 7.3 8.6 13.0#



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: 27.123 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. 0.01 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

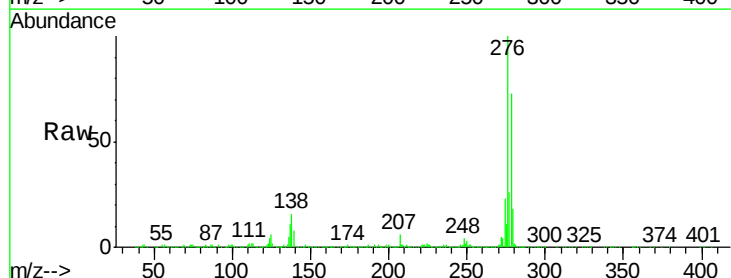
Tgt Ion:276 Resp: 1665952

Ion Ratio Lower Upper

276 100

138 16.3 17.9 26.9#

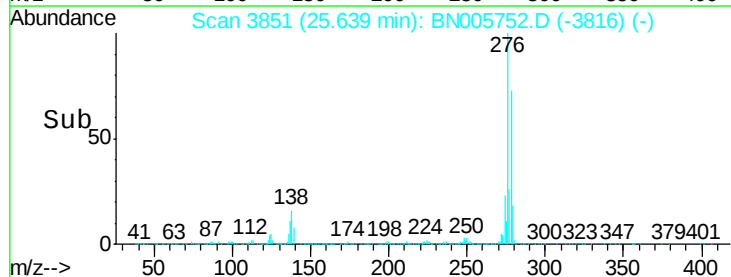
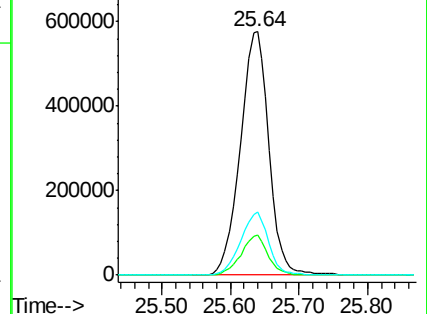
277 25.8 19.7 29.5

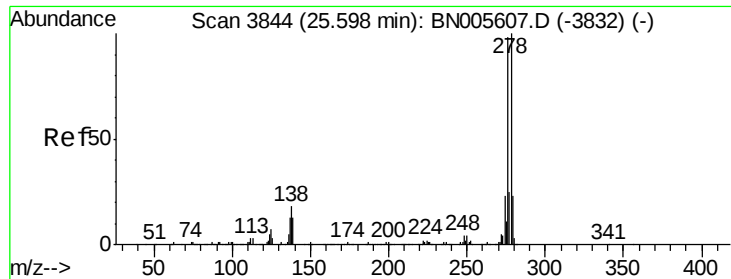


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 21.010 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. 0.00 min

Lab File: BN005752.D

Acq: 18 May 2019 14:43

Instrument :

BNA_N

ClientSampleId :

A5112

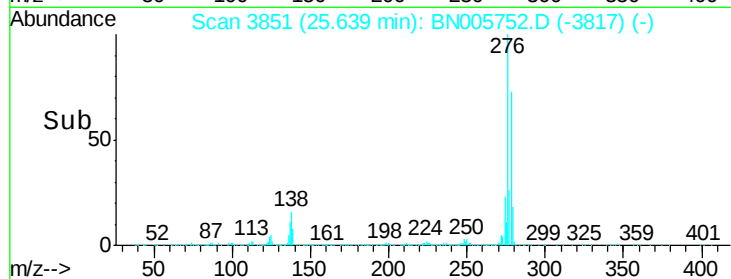
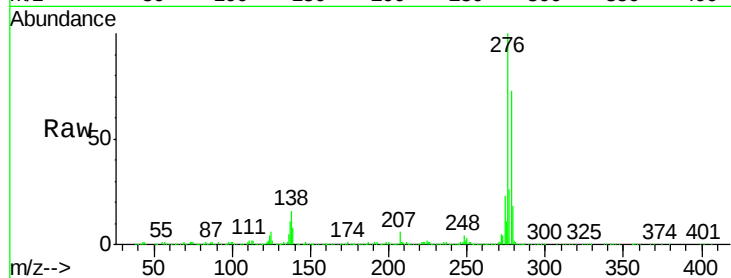
Tgt Ion:278 Resp: 1086323

Ion Ratio Lower Upper

278 100

139 10.8 13.1 19.7#

279 24.1 19.4 29.0



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

