

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072318\
 Data File : BN002103.D
 Acq On : 23 Jul 2018 13:05
 Operator : JU/SJ
 Sample : J4038-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 01:42:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 24 01:41:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	234956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1092029	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	652672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1480543	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1452345	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1299386	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	22662	4.35	ng/uL	0.00
5) Phenol-d5	6.88	99	650431	29.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	395026	29.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	511814	29.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	465778	26.13	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	269683	29.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	301040	29.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	538676	29.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	605658	28.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1830116	33.08	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	2176910	31.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	309751	29.31	ng/ul	0.00
57) Fluorene-d10	15.33	176	1552728	32.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	269953	27.99	ng/ul	0.00
70) Anthracene-d10	17.18	188	2411353	33.40	ng/ul	0.00
78) Pyrene-d10	19.48	212	2614198	34.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	2420824	34.50	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	75999	14.540	ng/uL#	89
4) Benzaldehyde	6.85	77	364944	27.807	ng/ul	98
6) Phenol	6.91	94	1074653	48.365	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.13	93	572944	33.816	ng/ul#	87
17) Hexachloroethane	8.76	117	353474	51.300	ng/ul	98
20) Nitrobenzene	8.89	77	394791	18.959	ng/ul	96
23) 2-Nitrophenol	9.60	139	377620	36.042	ng/ul	92
28) Naphthalene	10.52	128	2208070	38.273	ng/ul	100
30) 4-Chloroaniline	10.52	127	292636	13.994	ng/ul#	6
34) 2-Methylnaphthalene	12.14	142	2221279	52.785	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	416584	19.684	ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	874463	60.112	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	874463	56.906	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	2057728	37.884	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	1568601	37.140	ng/ul	96
44) Dimethylphthalate	13.79	163	562367	10.378	ng/ul	100
47) Acenaphthylene	14.05	152	2261983	34.235	ng/ul	99
49) Acenaphthene	14.40	153	1387276	30.420	ng/ul	99
52) 4-Nitrophenol	14.56	109	197958	26.798	ng/ul#	87
53) Dibenzofuran	14.73	168	1025208	15.911	ng/ul	96
54) 2,4-Dinitrotoluene	14.70	165	414529	24.954	ng/ul#	88
56) Diethylphthalate	15.16	149	1120904	20.371	ng/ul	100
58) Fluorene	15.39	166	1883919	36.623	ng/ul	98

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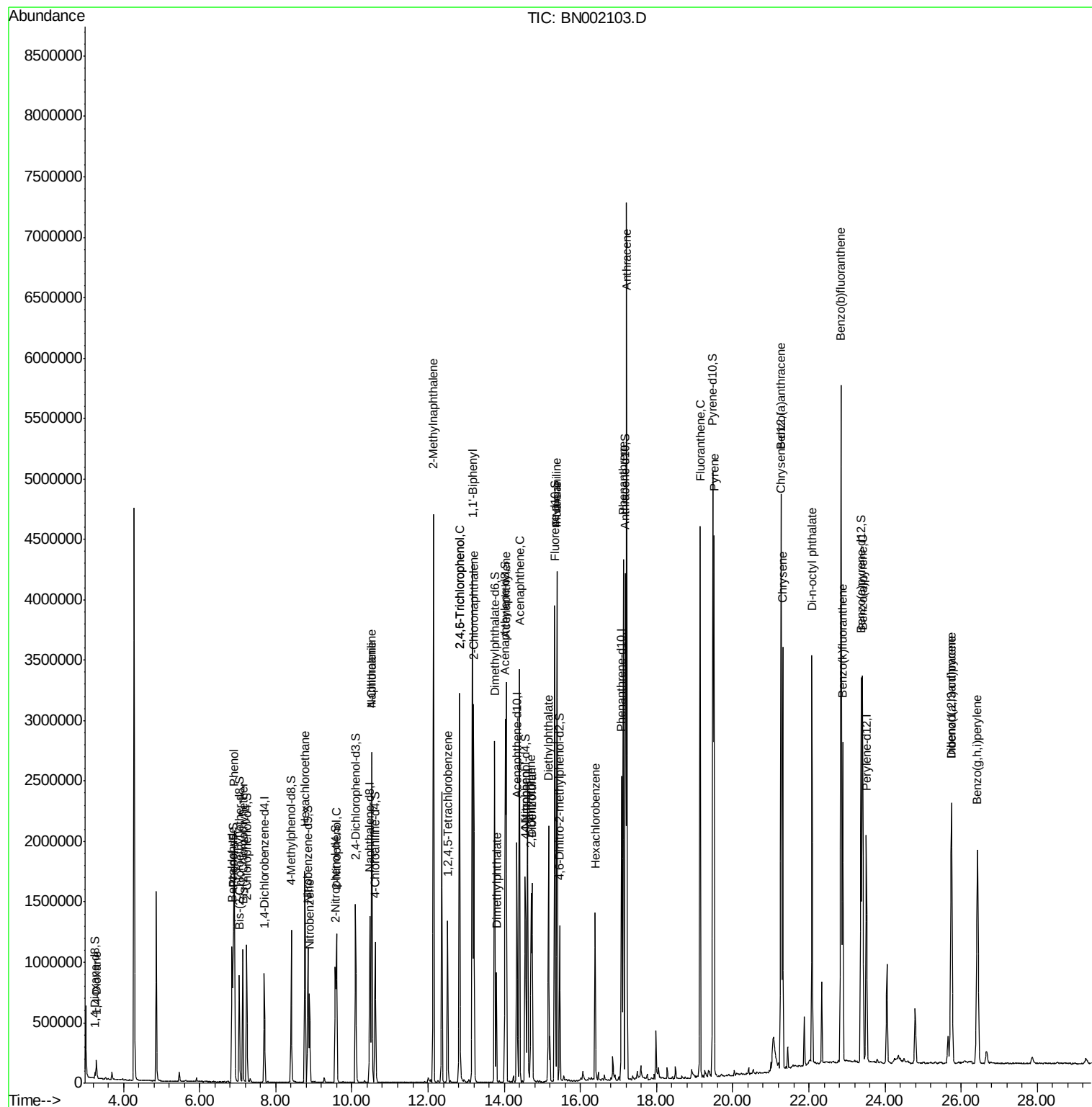
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitroaniline	15.38	138	21254	1.626	ng/ul#	17
66) Hexachlorobenzene	16.39	284	279837	15.522	ng/ul	96
69) Phenanthrene	17.12	178	2511144	30.202	ng/ul	99
71) Anthracene	17.22	178	4270073	50.426	ng/ul	99
76) Fluoranthene	19.15	202	2770073	31.393	ng/ul	98
79) Pyrene	19.51	202	2492097	26.741	ng/ul	98
82) Benzo(a)anthracene	21.26	228	2098888	22.689	ng/ul	99
84) Chrysene	21.32	228	1707772	19.808	ng/ul	100
86) Di-n-octyl phthalate	22.09	149	2259128	26.472	ng/ul#	95
87) Benzo(b)fluoranthene	22.84	252	3329146	41.628	ng/ul	99
88) Benzo(k)fluoranthene	22.89	252	1657453	21.815	ng/ul	99
90) Benzo(a)pyrene	23.42	252	1758758	23.145	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	1667773	18.986	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.75	278	950712	12.932	ng/ul	99
93) Benzo(a,h,i)perylene	26.43	276	2152366	29.160	ng/ul	97

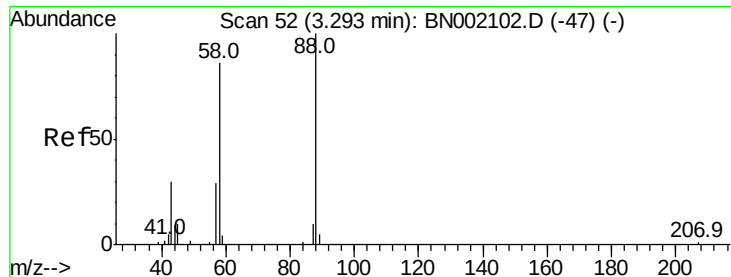
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 14.540 ng/uL

RT: 3.29 min Scan# 52

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

ClientSampleId :

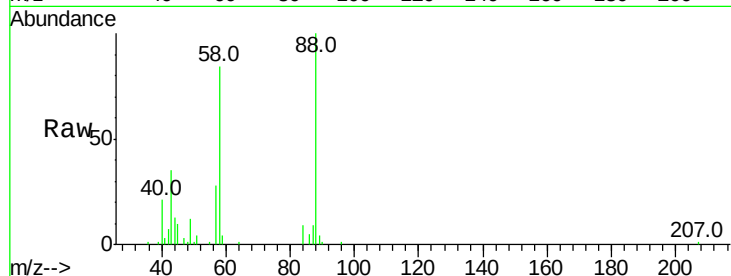
Tot Ion: 88 Resp: 75999

Ion Ratio Lower Upper

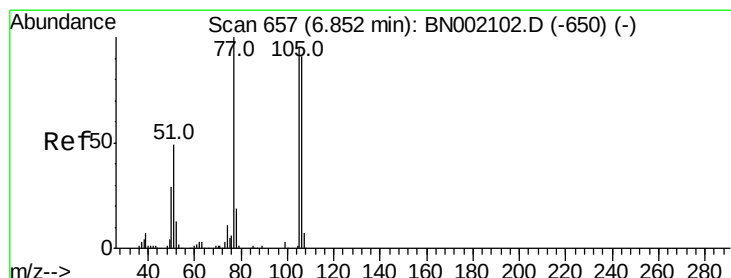
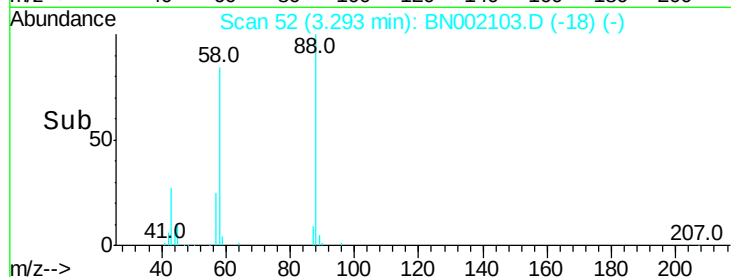
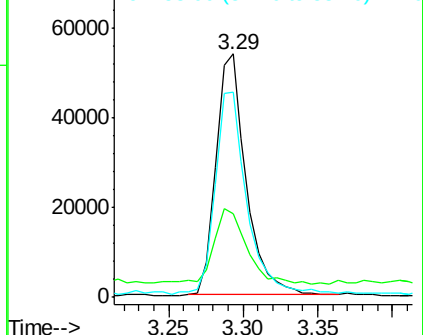
88 100

43 29.6 32.0 48.0#

58 82.5 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 27.807 ng/uL

RT: 6.85 min Scan# 657

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

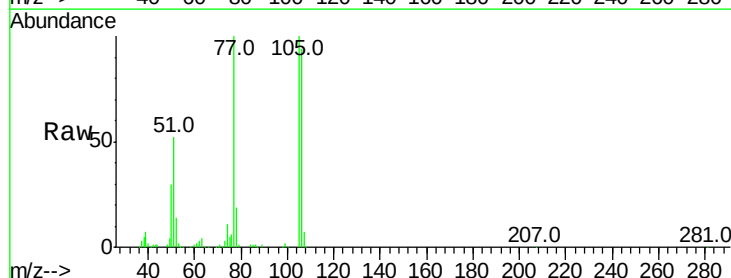
Tgt Ion: 77 Resp: 364944

Ion Ratio Lower Upper

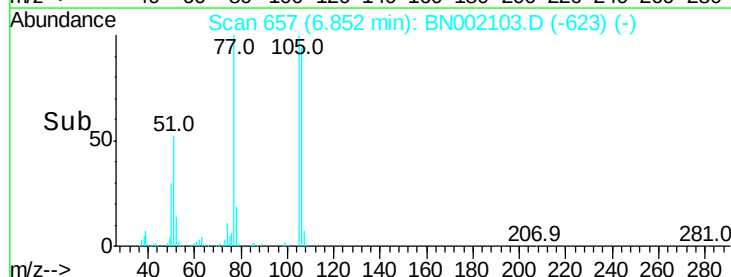
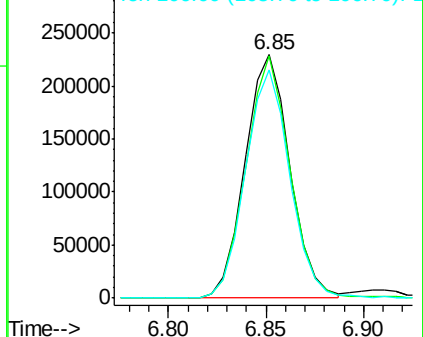
77 100

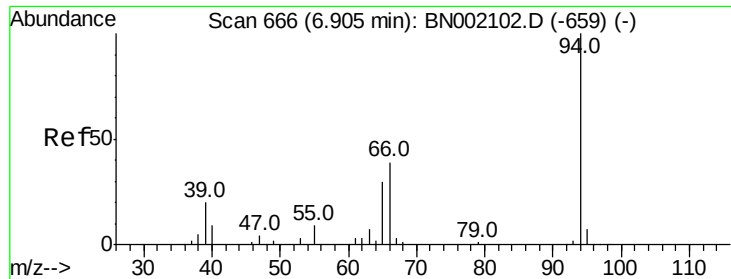
105 99.6 80.6 120.8

106 93.6 77.7 116.5



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): BN0
Ion 106.00 (105.70 to 106.70): BN0





#6

Phenol

Concen: 48.365 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.01 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

ClientSampleId :

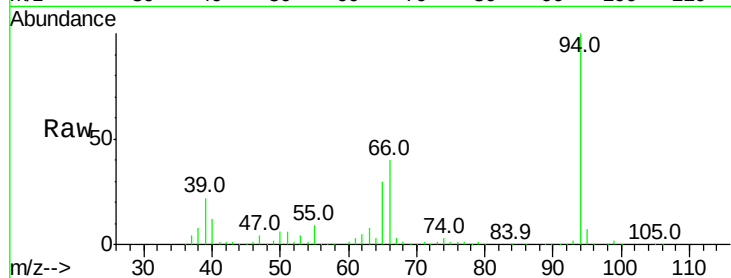
Tot Ion: 94 Resp: 1074653

Ion Ratio Lower Upper

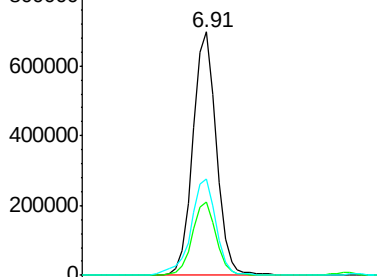
94 100

65 30.4 21.0 31.6

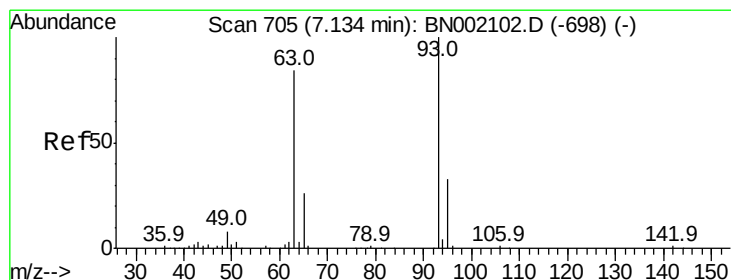
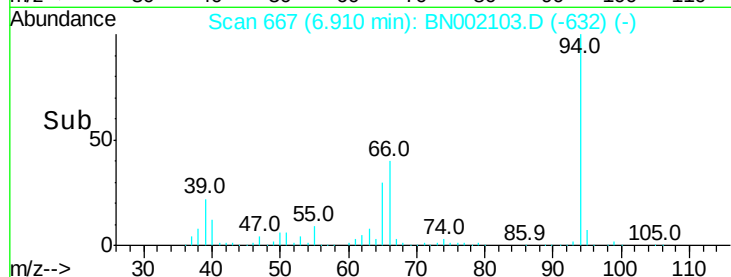
66 39.5 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC



Time--> 6.80 6.90 7.00



#8

Bis(2-Chloroethyl)ether

Concen: 33.816 ng/ul

RT: 7.13 min Scan# 705

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

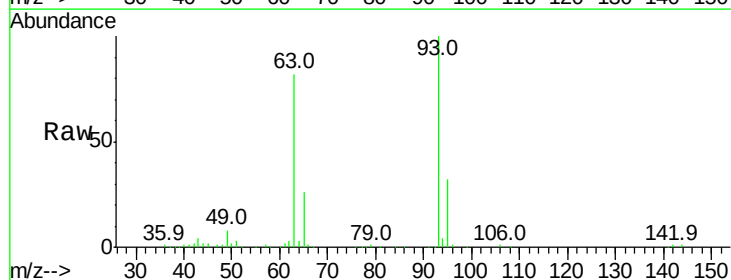
Tgt Ion: 93 Resp: 572944

Ion Ratio Lower Upper

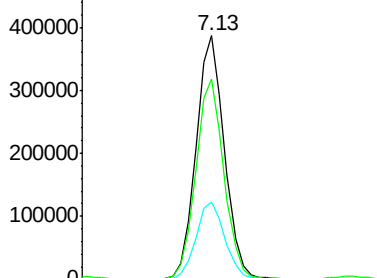
93 100

63 82.1 53.5 80.3#

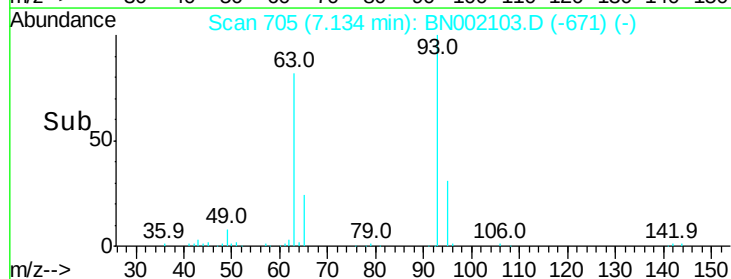
95 31.7 26.2 39.2

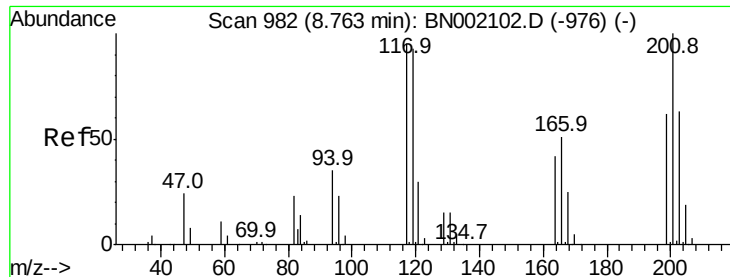


Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC



Time--> 7.05 7.10 7.15 7.20

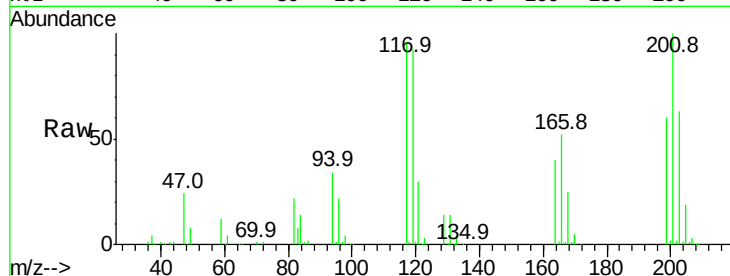




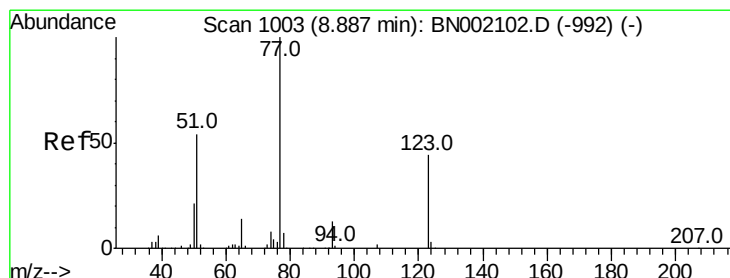
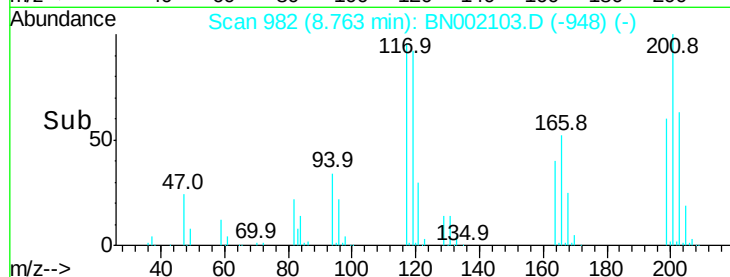
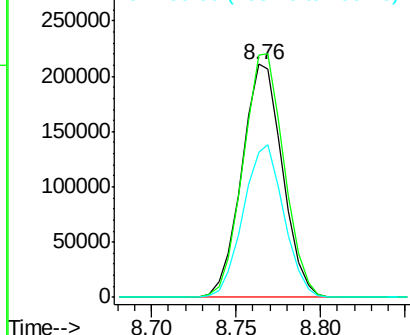
#17
Hexachloroethane
Concen: 51.300 ng/ul
RT: 8.76 min Scan# 982
Delta R.T. -0.00 min
Lab File: BN002103.D
Acq: 23 Jul 2018 13:05

Instrument :
BNA_N
ClientSampled :

Tot Ion:117 Resp: 353474
Ion Ratio Lower Upper
117 100
201 103.7 81.5 122.3
199 62.1 50.6 76.0

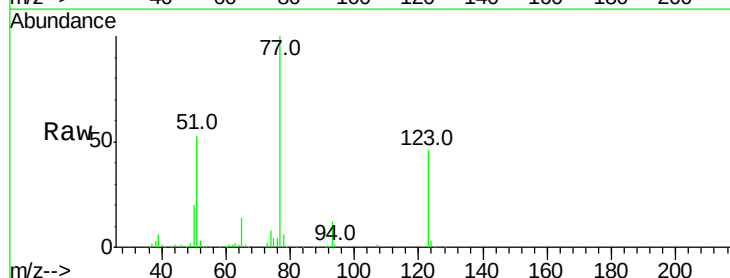


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

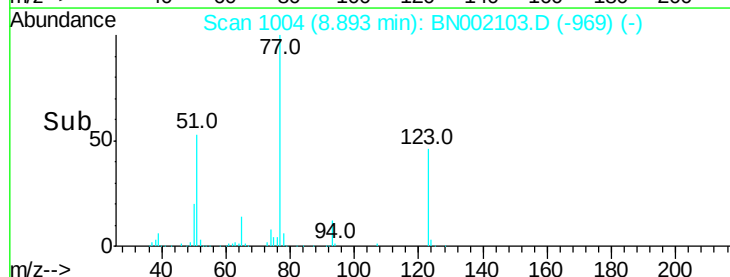
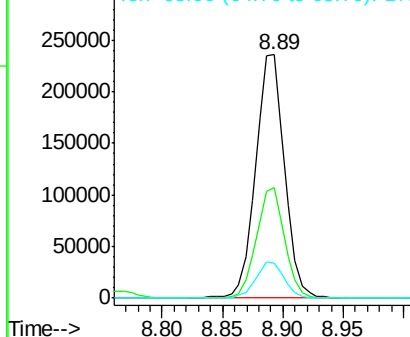


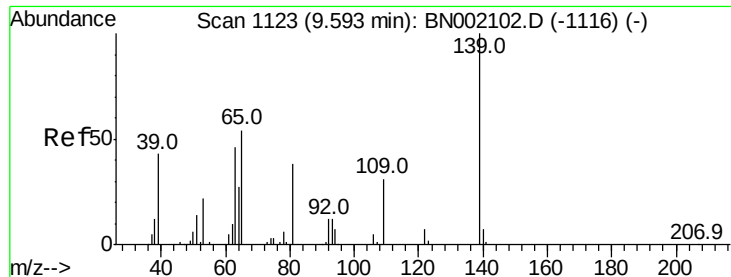
#20
Nitrobenzene
Concen: 18.959 ng/ul
RT: 8.89 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BN002103.D
Acq: 23 Jul 2018 13:05

Tgt Ion: 77 Resp: 394791
Ion Ratio Lower Upper
77 100
123 45.6 39.0 58.4
65 14.5 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNC

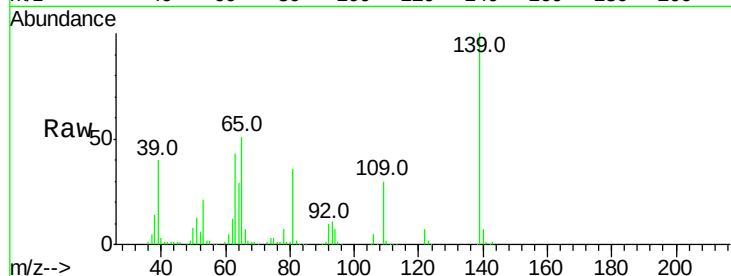




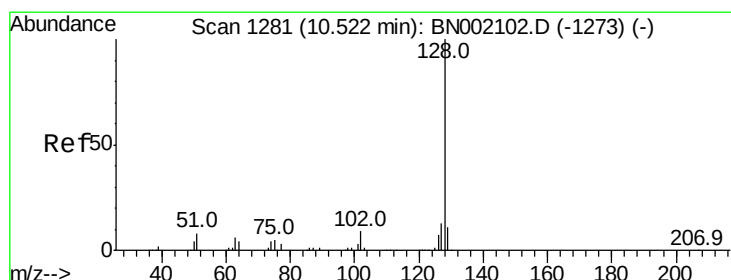
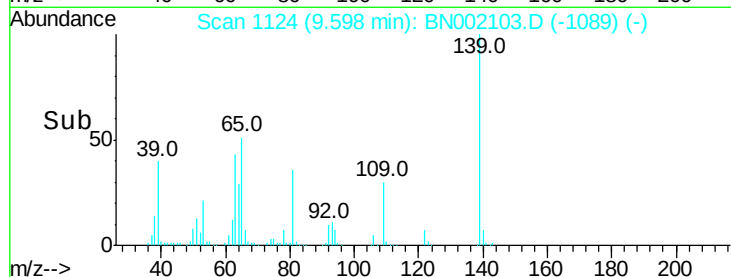
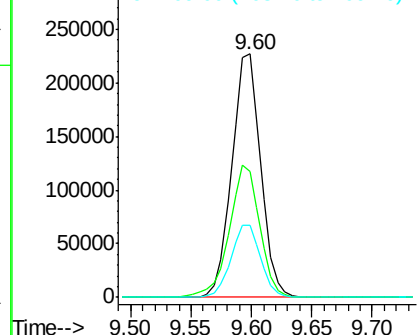
#23
2-Nitrophenol
Concen: 36.042 ng/ul
RT: 9.60 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BN002103.D
Acq: 23 Jul 2018 13:05

Instrument :
BNA_N
ClientSampled :

Tot Ion:139 Resp: 377620
Ion Ratio Lower Upper
139 100
65 51.5 36.3 54.5
109 29.8 26.4 39.6

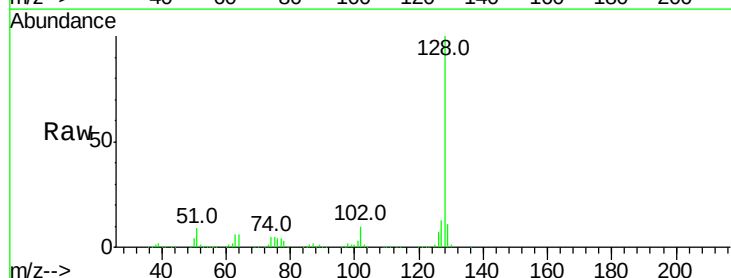


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO
Ion 109.00 (108.70 to 109.70): E

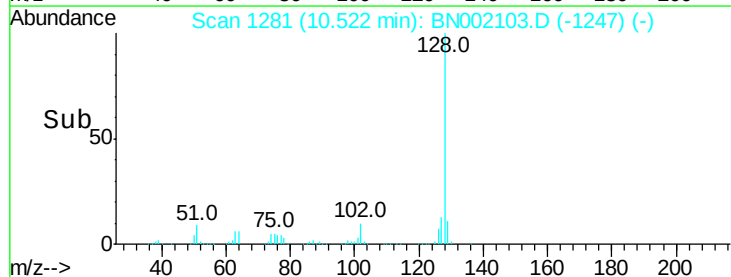
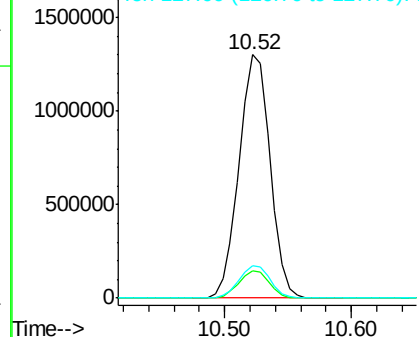


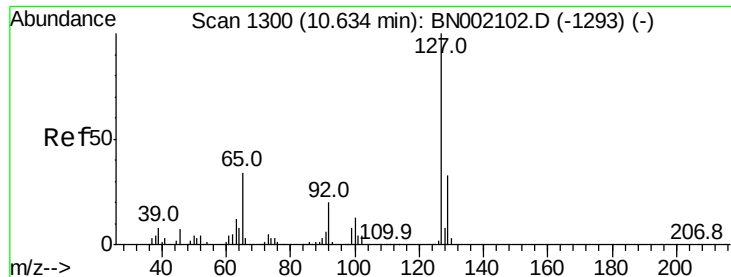
#28
Naphthalene
Concen: 38.273 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN002103.D
Acq: 23 Jul 2018 13:05

Tgt Ion:128 Resp: 2208070
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.5 15.7



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





#30

4-Chloroaniline

Concen: 13.994 ng/ul

RT: 10.52 min Scan# 1281

Delta R.T. -0.11 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

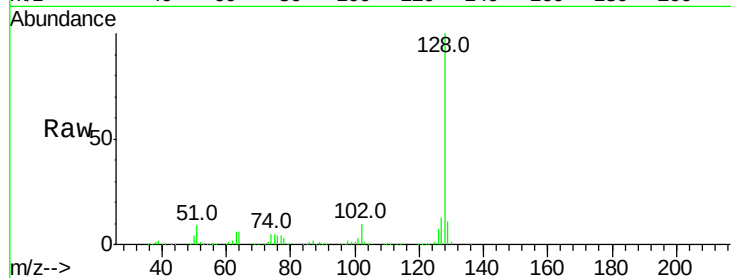
ClientSampleId :

Tot Ion:127 Resp: 292636

Ion Ratio Lower Upper

127 100

129 84.3 25.4 38.2#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

200000

150000

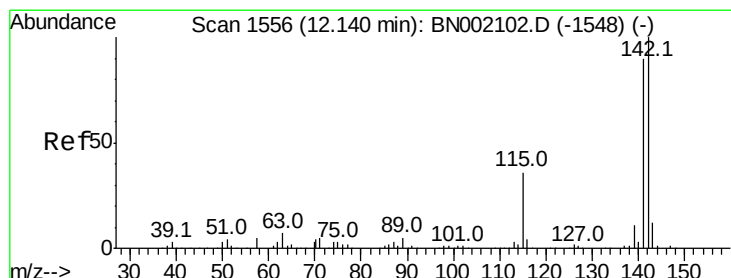
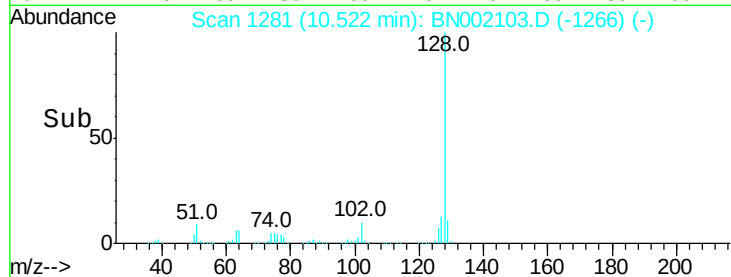
100000

50000

0

10.45 10.50 10.55

Time-->



#34

2-Methylnaphthalene

Concen: 52.785 ng/ul

RT: 12.14 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BN002103.D

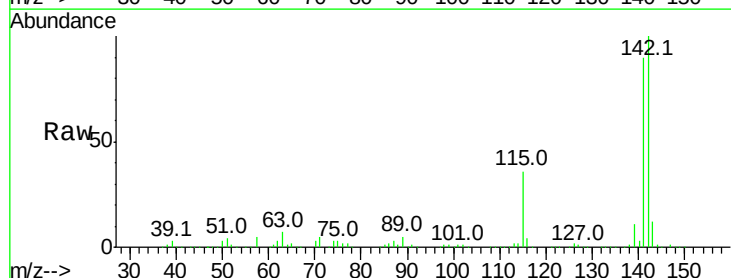
Acq: 23 Jul 2018 13:05

Tgt Ion:142 Resp: 2221279

Ion Ratio Lower Upper

142 100

141 89.7 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

1500000

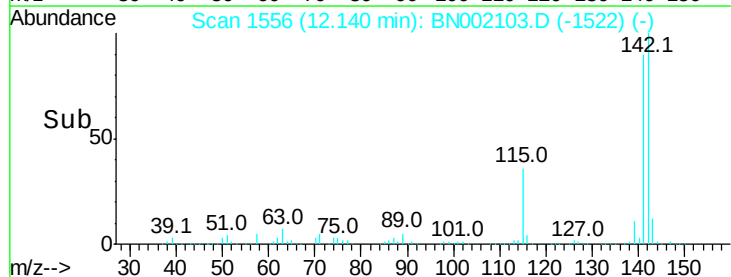
1000000

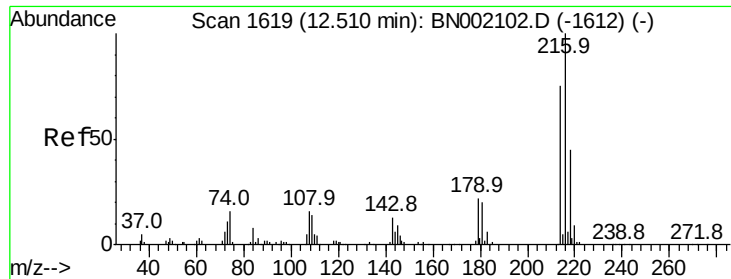
500000

0

12.05 12.10 12.15 12.20

Time-->

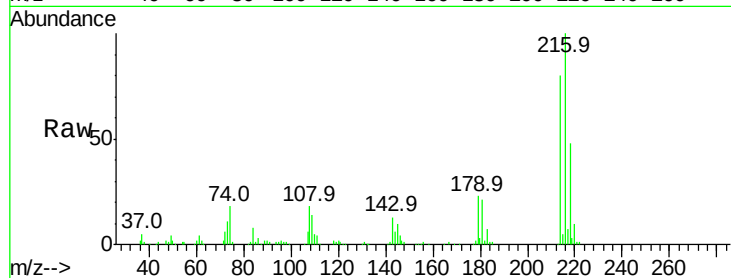




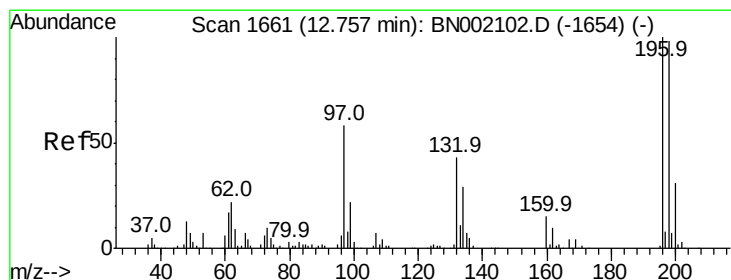
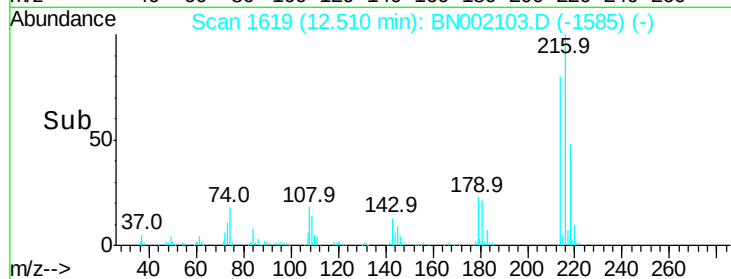
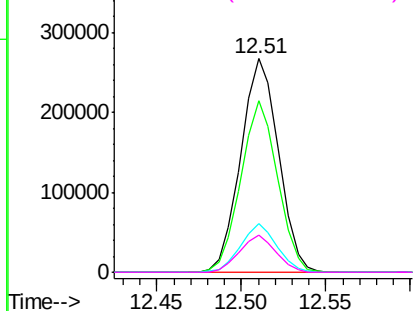
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.684 ng/ul
 RT: 12.51 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BN002103.D
 Acq: 23 Jul 2018 13:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	216	Resp:	416584
Ion	Ratio	Lower	Upper
216	100		
214	80.1	62.5	93.7
179	22.6	18.2	27.2
108	17.6	14.2	21.2

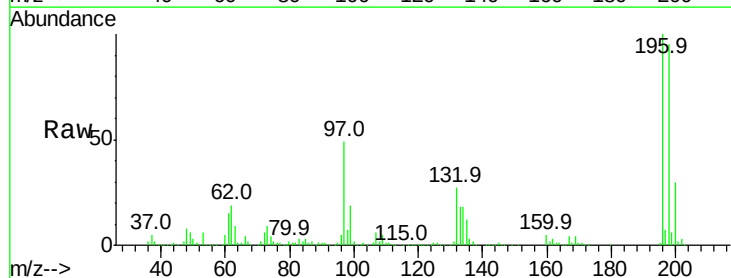


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

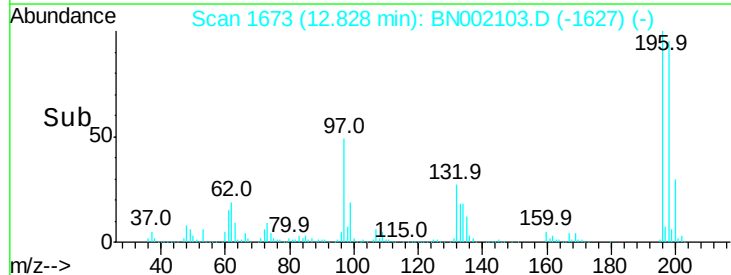
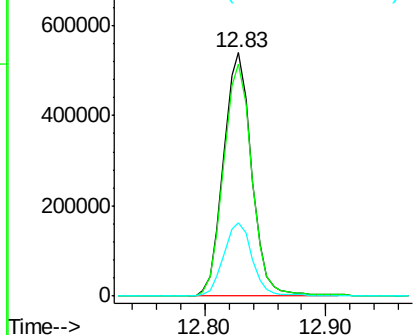


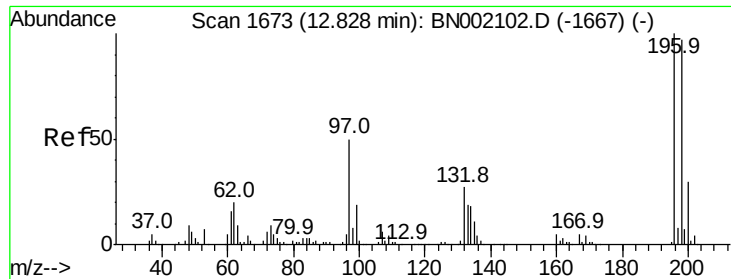
#38
 2,4,6-Trichlorophenol
 Concen: 60.112 ng/ul
 RT: 12.83 min Scan# 1673
 Delta R.T. 0.07 min
 Lab File: BN002103.D
 Acq: 23 Jul 2018 13:05

Tgt Ion:	196	Resp:	874463
Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.6	114.8
200	30.4	24.7	37.1



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



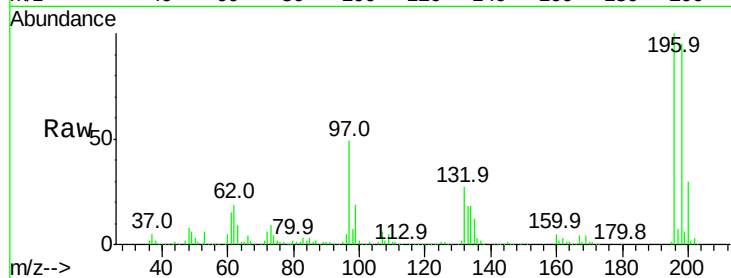


#39
 2,4,5-Trichlorophenol
 Concen: 56.906 ng/ul
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BN002103.D
 Acq: 23 Jul 2018 13:05

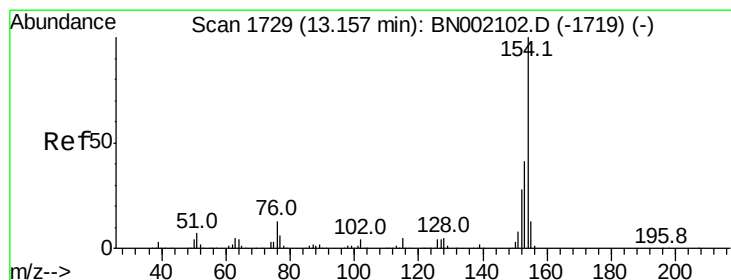
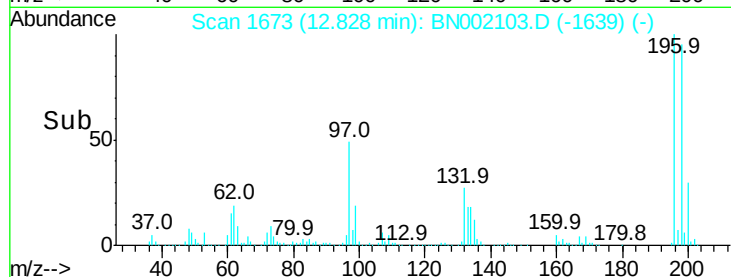
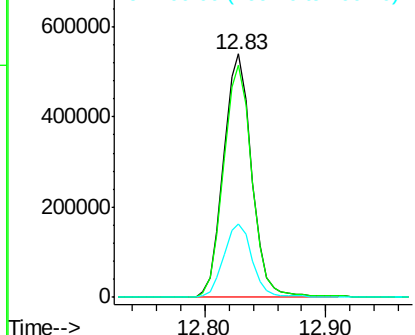
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:196 Resp: 874463

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.9	115.3
200	30.4	25.0	37.4



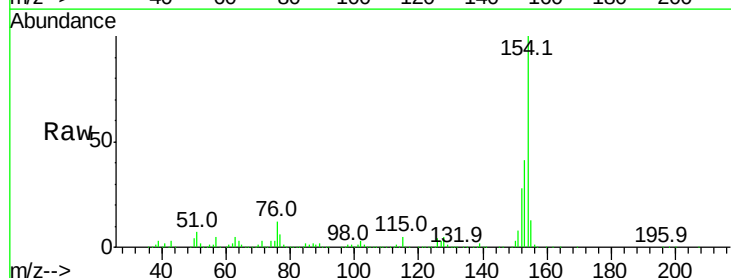
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



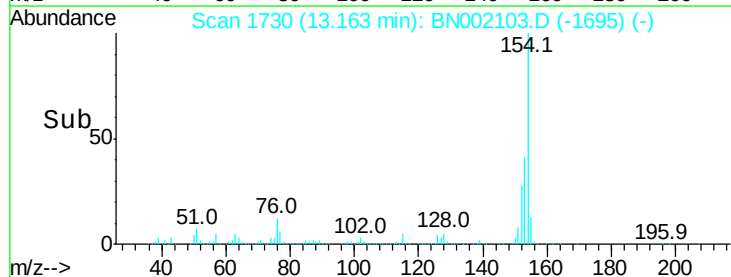
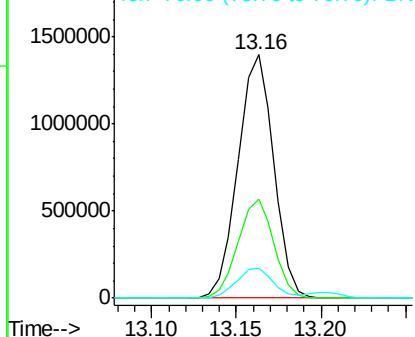
#40
 1,1'-Biphenyl
 Concen: 37.884 ng/ul
 RT: 13.16 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BN002103.D
 Acq: 23 Jul 2018 13:05

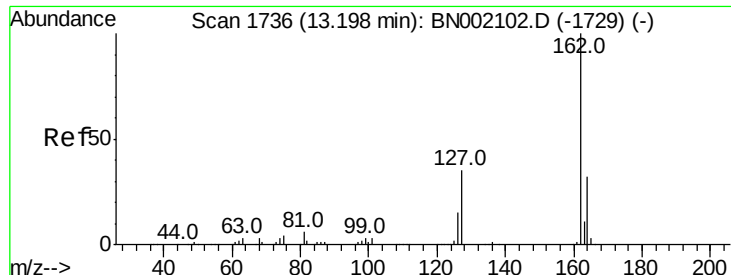
Tgt Ion:154 Resp: 2057728

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.1	48.1
76	12.4	9.5	14.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

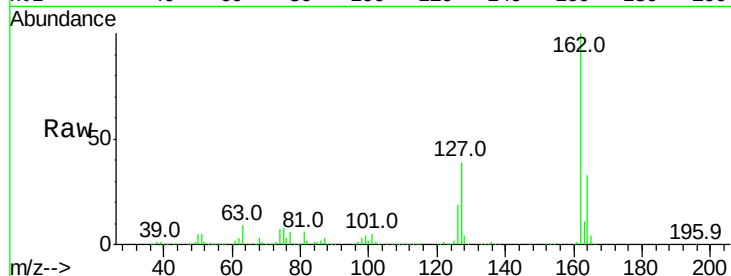




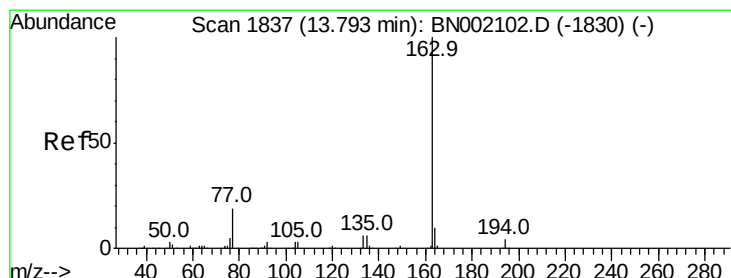
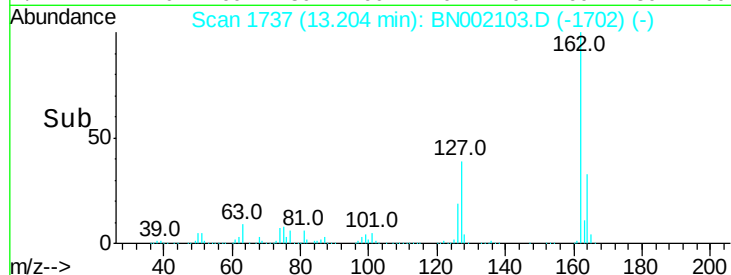
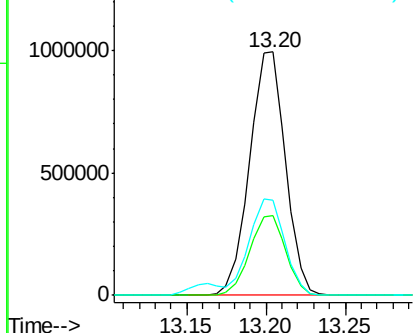
#41
2-Chloronaphthalene
Concen: 37.140 ng/ul
RT: 13.20 min Scan# 1737
Delta R.T. 0.01 min
Lab File: BN002103.D
Acq: 23 Jul 2018 13:05

Instrument :
BNA_N
ClientSampleId :

Tot Ion:162 Resp: 1568601
Ion Ratio Lower Upper
162 100
164 33.0 25.9 38.9
127 38.9 34.1 51.1

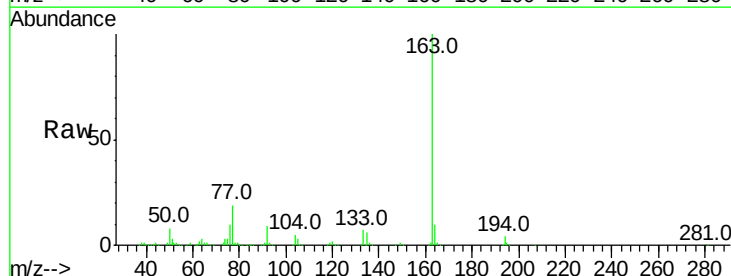


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

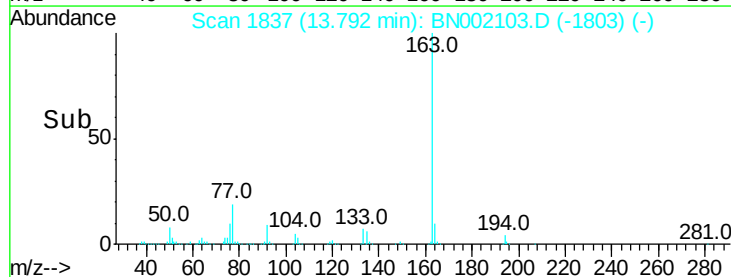
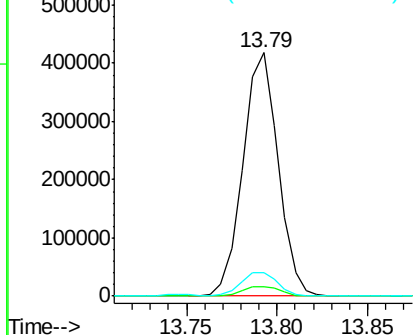


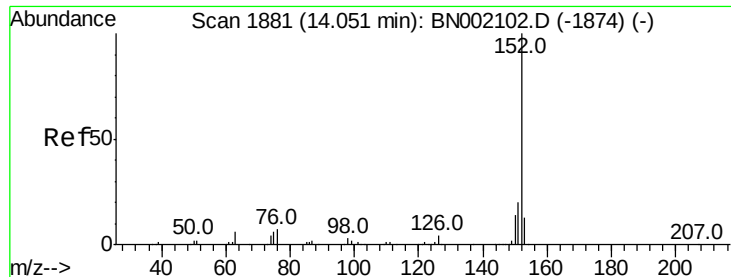
#44
Dimethylphthalate
Concen: 10.378 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BN002103.D
Acq: 23 Jul 2018 13:05

Tgt Ion:163 Resp: 562367
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.7 7.8 11.8



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





#47

Acenaphthylene

Concen: 34.235 ng/ul

RT: 14.05 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

ClientSampleId :

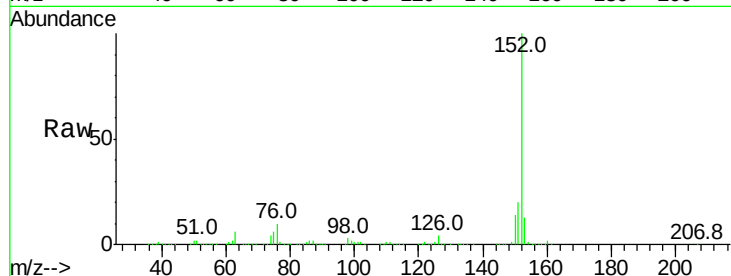
Tot Ion:152 Resp: 2261983

Ion Ratio Lower Upper

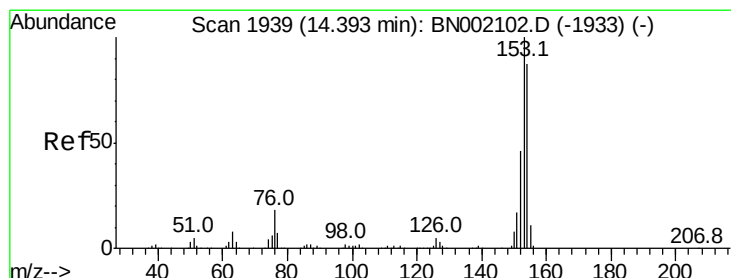
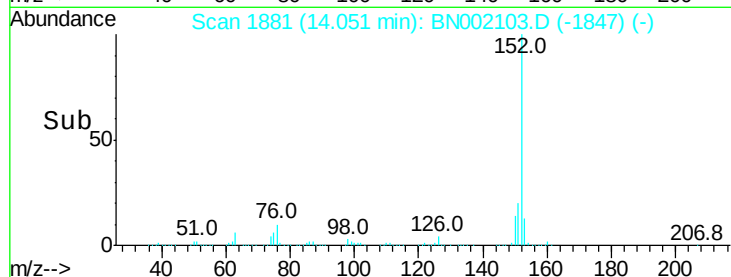
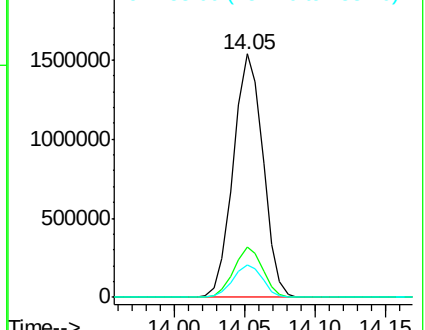
152 100

151 20.4 15.7 23.5

153 13.1 10.5 15.7



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: 30.420 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

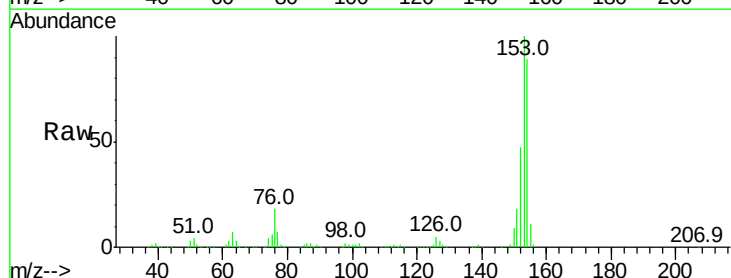
Tgt Ion:153 Resp: 1387276

Ion Ratio Lower Upper

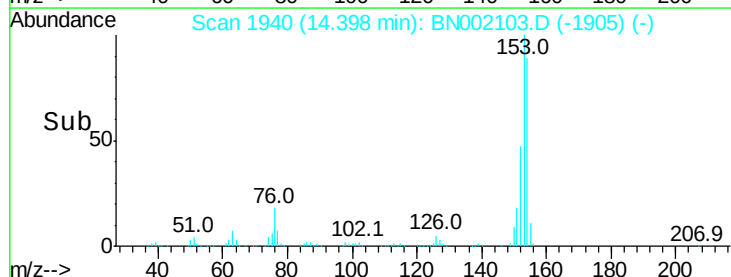
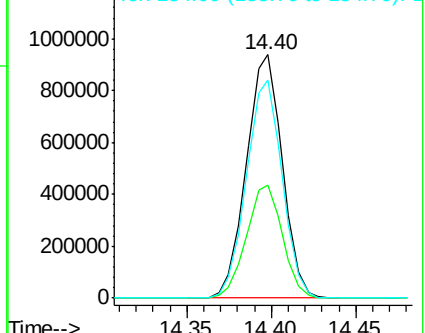
153 100

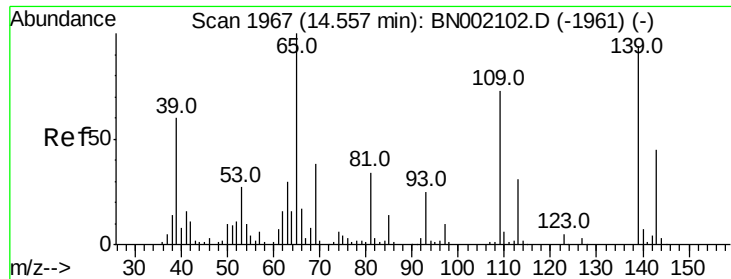
152 46.7 38.3 57.5

154 89.3 71.8 107.8



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: 26.798 ng/ul

RT: 14.56 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

ClientSampleId :

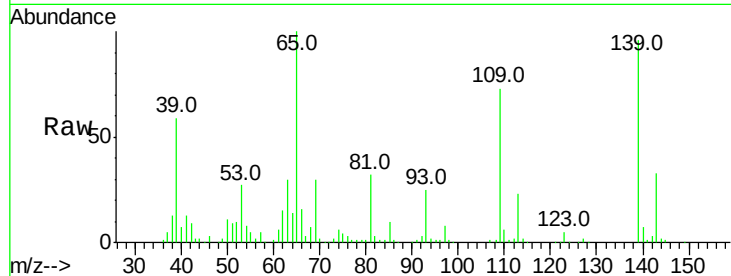
Tot Ion:109 Resp: 197958

Ion Ratio Lower Upper

109 100

139 132.4 103.7 155.5

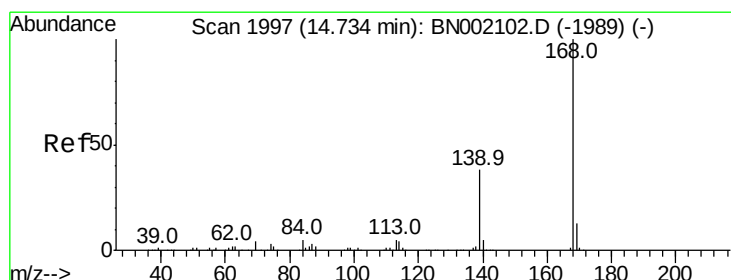
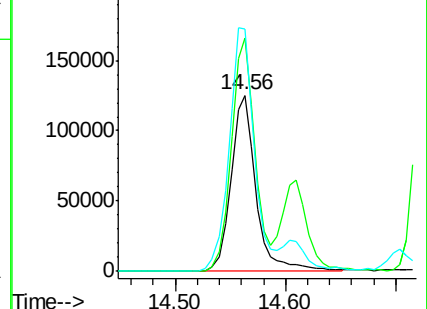
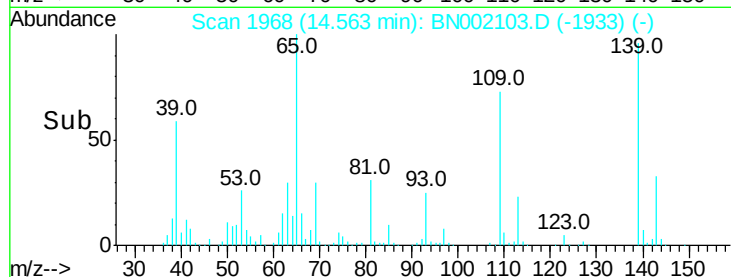
65 137.8 89.4 134.2#



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

Dibenzofuran

Concen: 15.911 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BN002103.D

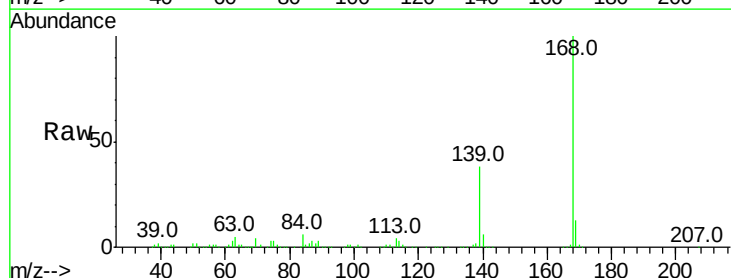
Acq: 23 Jul 2018 13:05

Tgt Ion:168 Resp: 1025208

Ion Ratio Lower Upper

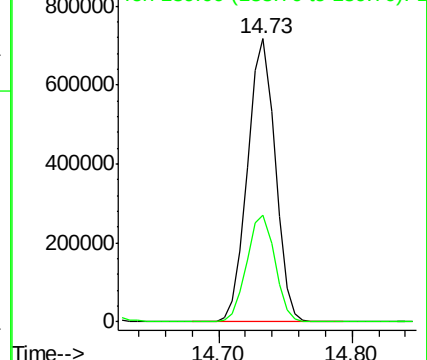
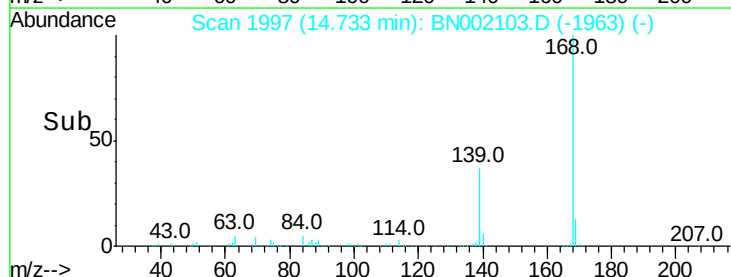
168 100

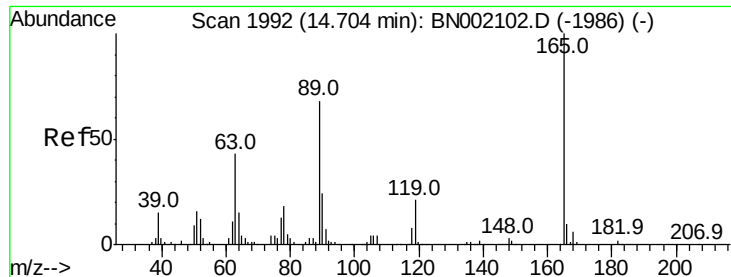
139 37.7 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 24.954 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

ClientSampleId :

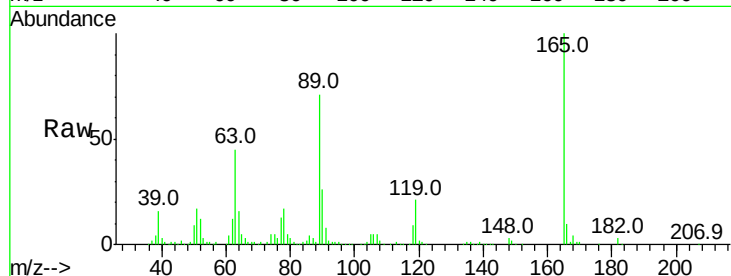
Tot Ion:165 Resp: 414529

Ion Ratio Lower Upper

165 100

63 44.9 29.8 44.6#

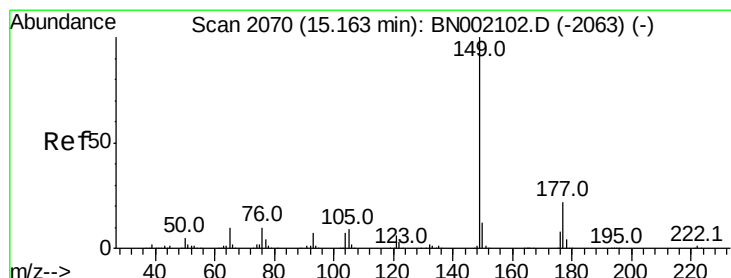
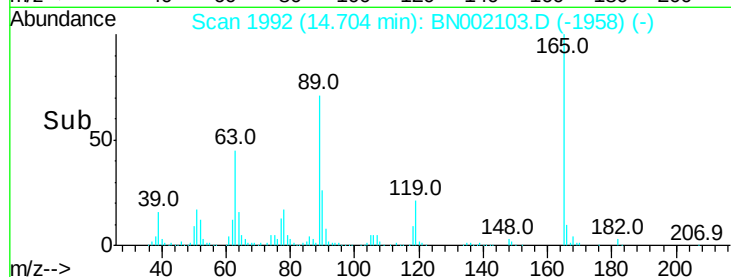
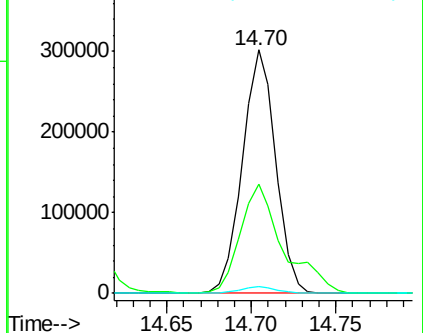
182 2.9 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



#56

Diethylphthalate

Concen: 20.371 ng/ul

RT: 15.16 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

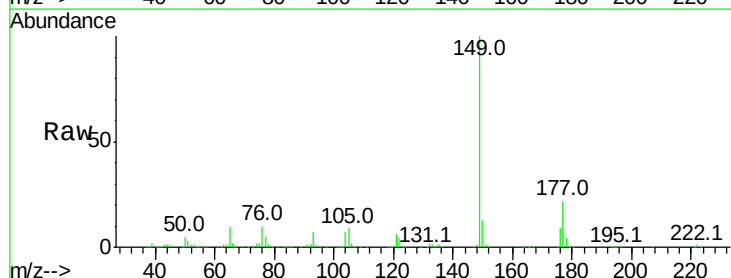
Tgt Ion:149 Resp: 1120904

Ion Ratio Lower Upper

149 100

177 22.1 17.4 26.2

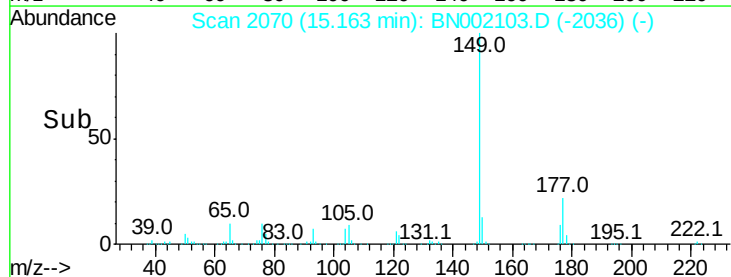
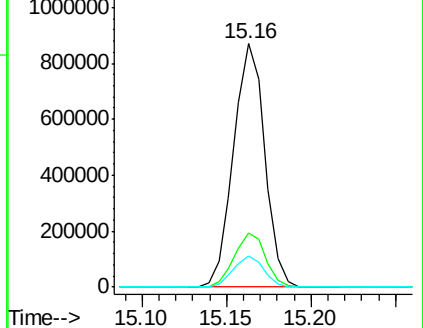
150 12.6 10.0 15.0

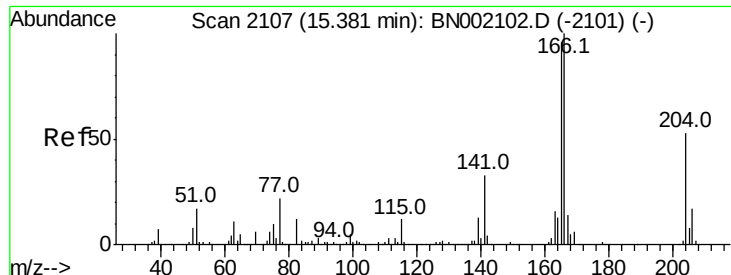


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 36.623 ng/ul

RT: 15.39 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

ClientSampleId :

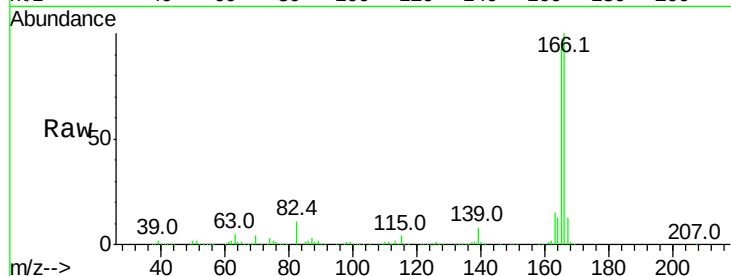
Tot Ion:166 Resp: 1883919

Ion Ratio Lower Upper

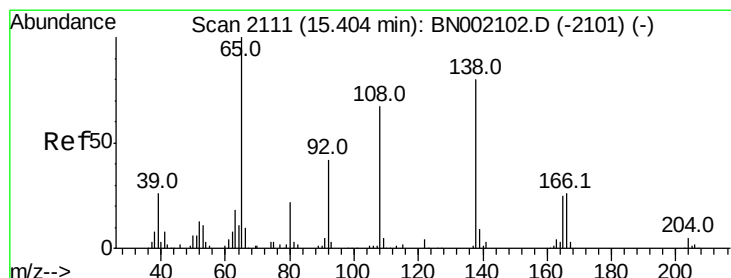
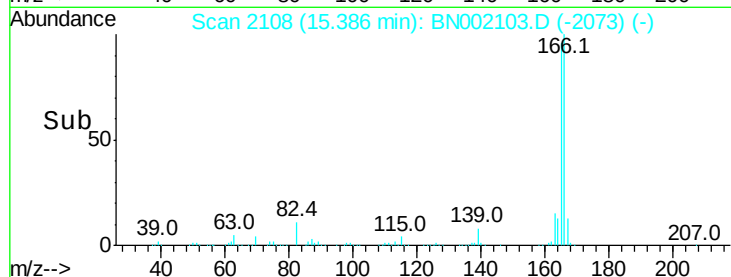
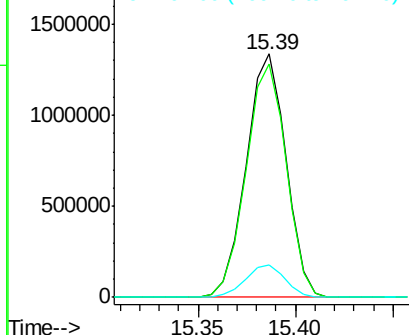
166 100

165 96.1 78.5 117.7

167 13.5 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



#60

4-Nitroaniline

Concen: 1.626 ng/ul

RT: 15.38 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

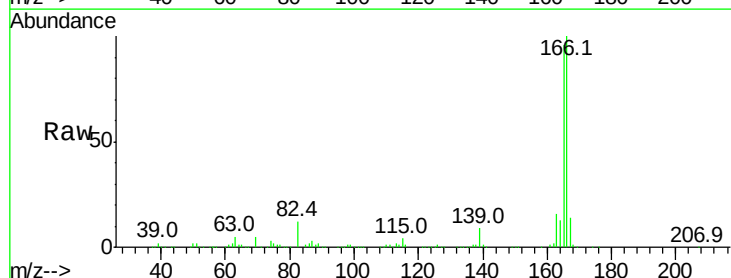
Tgt Ion:138 Resp: 21254

Ion Ratio Lower Upper

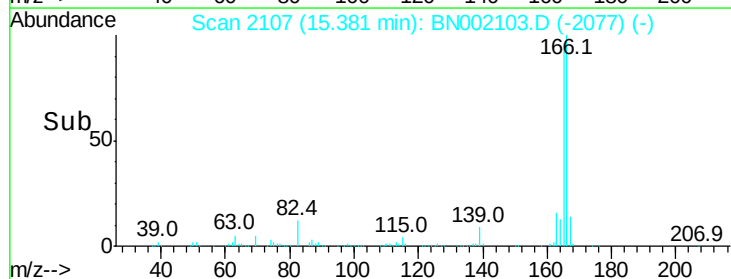
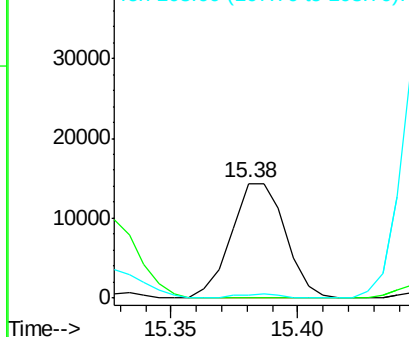
138 100

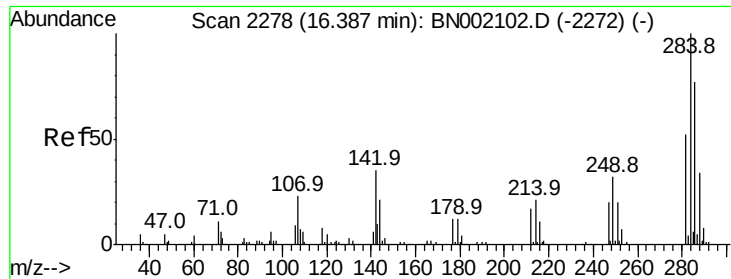
92 0.0 40.6 60.8#

108 2.7 67.0 100.6#



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





#66

Hexachlorobenzene

Concen: 15.522 ng/ul

RT: 16.39 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

ClientSampled :

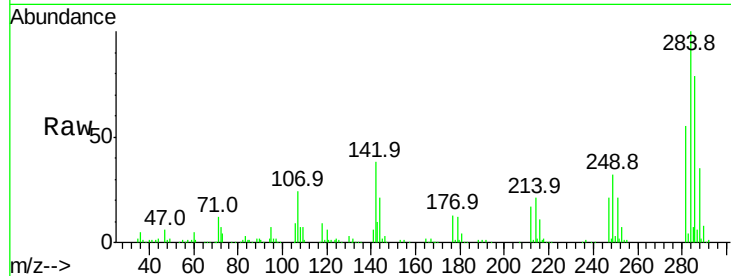
Tot Ion:284 Resp: 279837

Ion Ratio Lower Upper

284 100

142 38.0 33.1 49.7

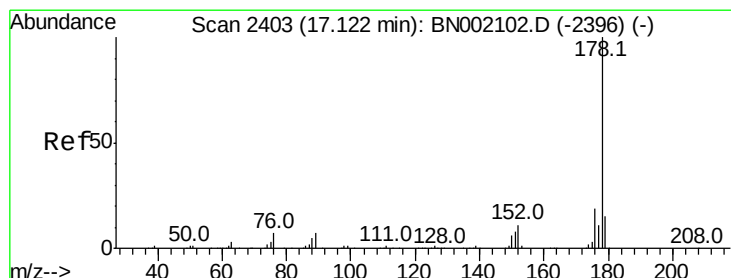
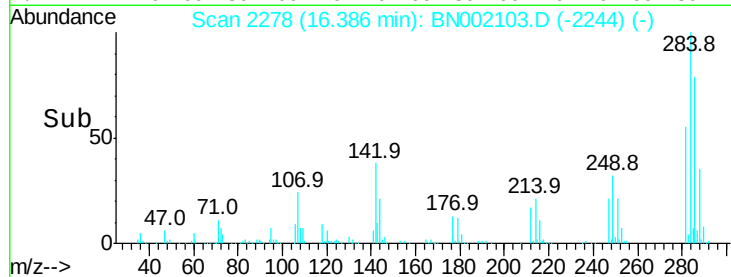
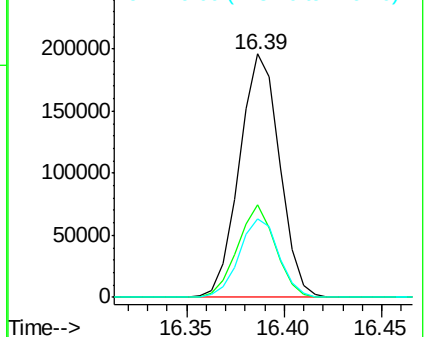
249 32.2 27.1 40.7



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: 30.202 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

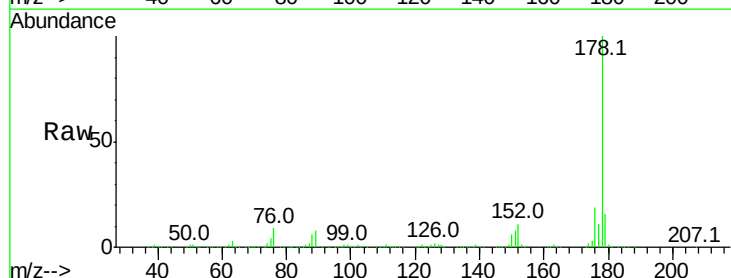
Tgt Ion:178 Resp: 2511144

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

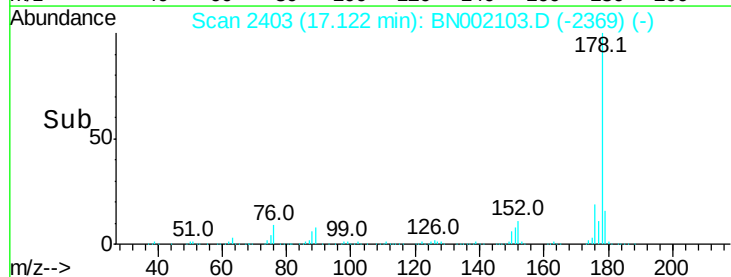
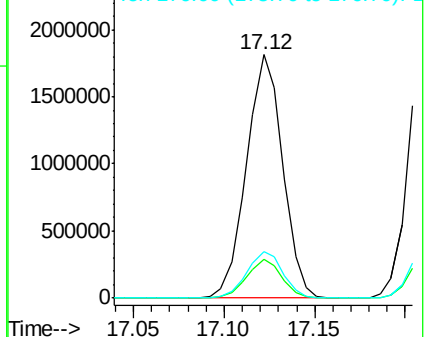
176 19.1 15.6 23.4

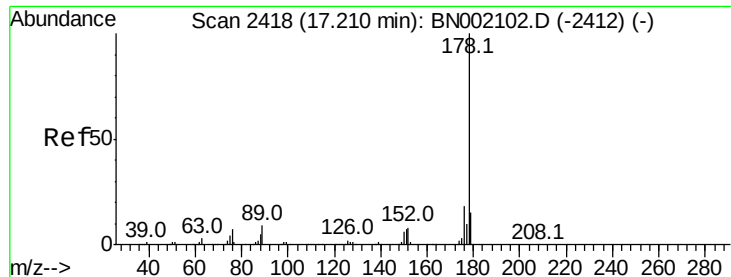


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 50.426 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.01 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

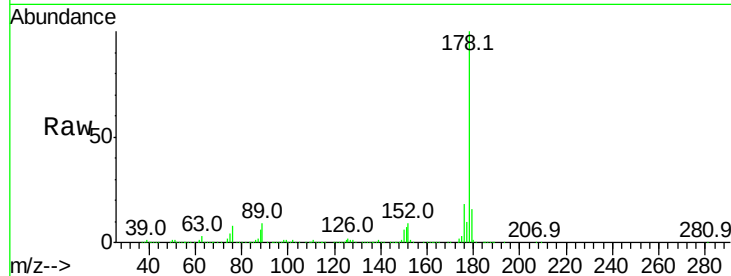
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 4270073

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	18.5	14.8	22.2

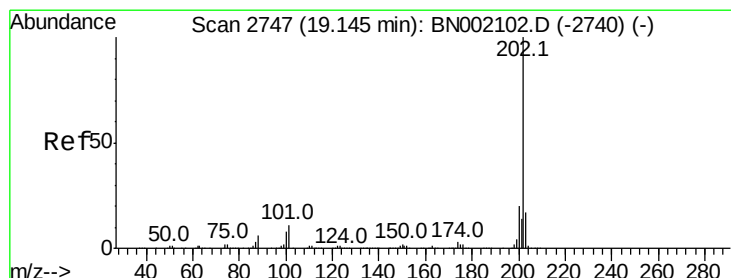
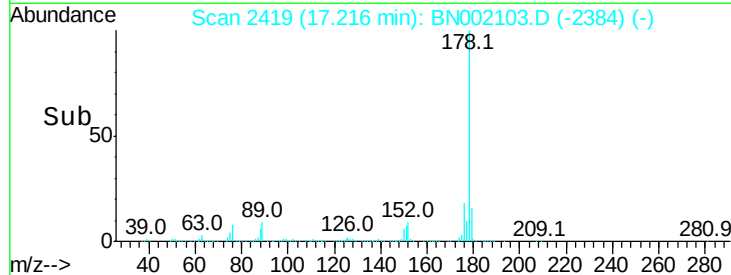
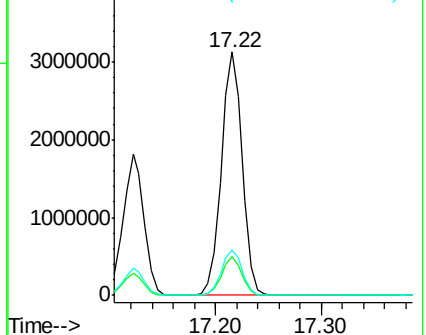


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 31.393 ng/ul

RT: 19.15 min Scan# 2747

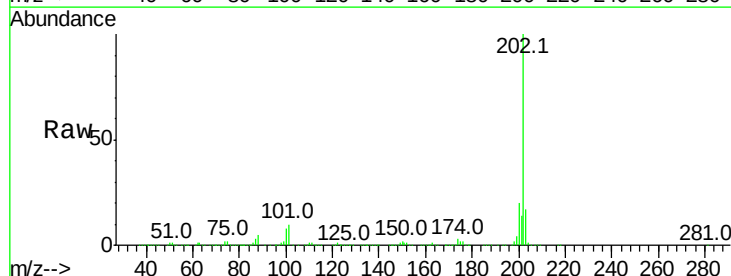
Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Tgt Ion:202 Resp: 2770073

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.8	13.2
100	7.9	6.6	9.8

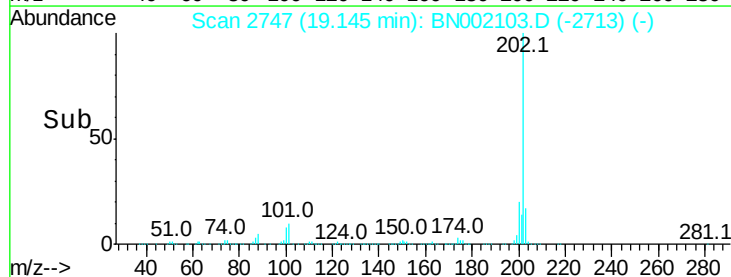
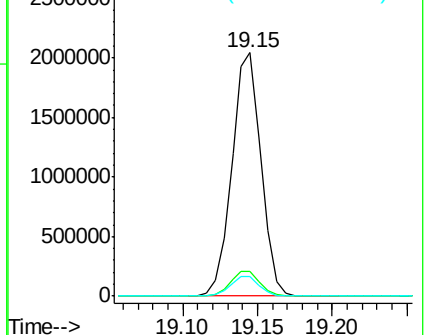


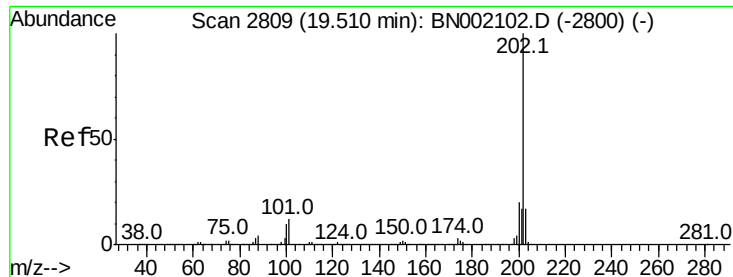
Abundance

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



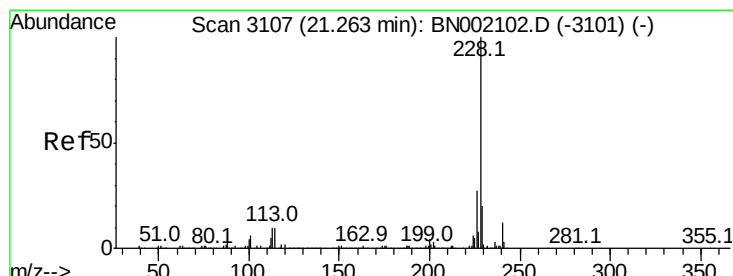
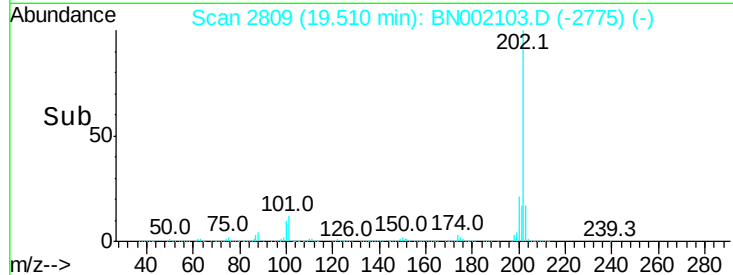
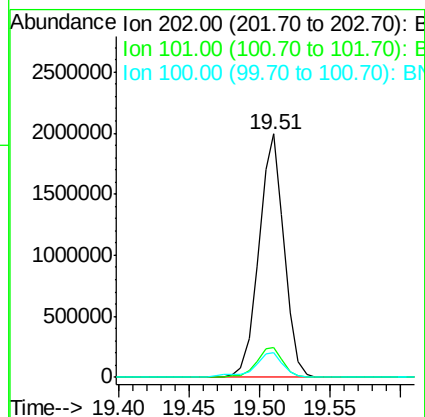
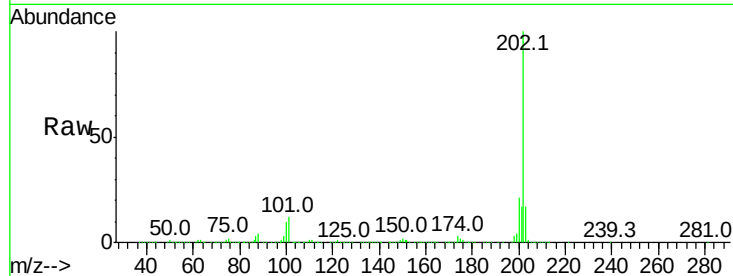


#79
 Pvrene
 Concen: 26.741 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. -0.00 min
 Lab File: BN002103.D
 Acq: 23 Jul 2018 13:05

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:202 Resp: 2492097

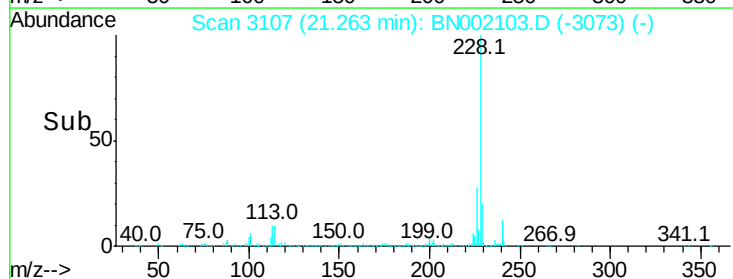
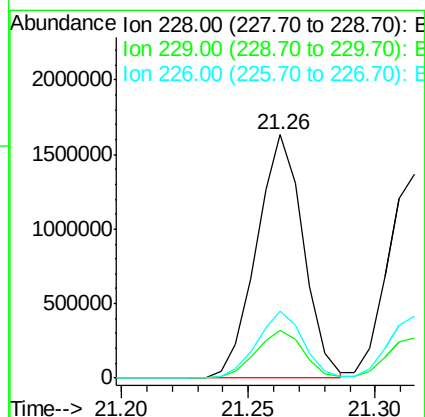
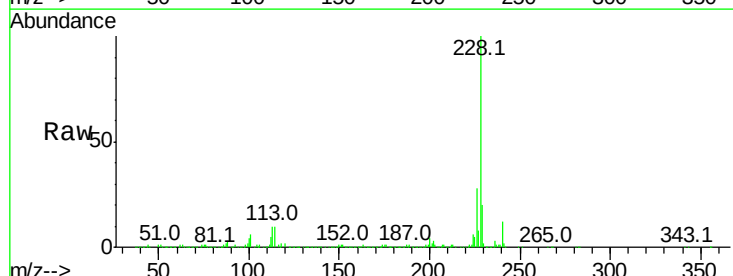
Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.2	15.2
100	9.9	8.5	12.7

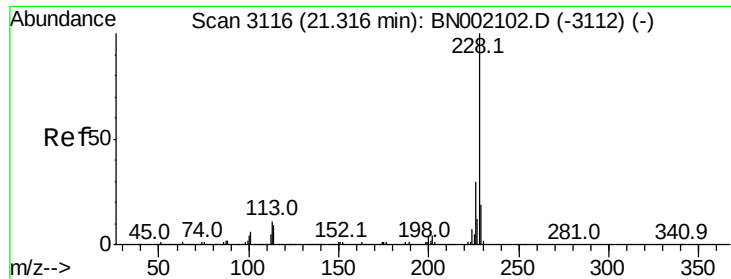


#82
 Benzo(a)anthracene
 Concen: 22.689 ng/ul
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: BN002103.D
 Acq: 23 Jul 2018 13:05

Tgt Ion:228 Resp: 2098888

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	27.5	21.8	32.6





#84

Chrysene

Concen: 19.808 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

ClientSampleId :

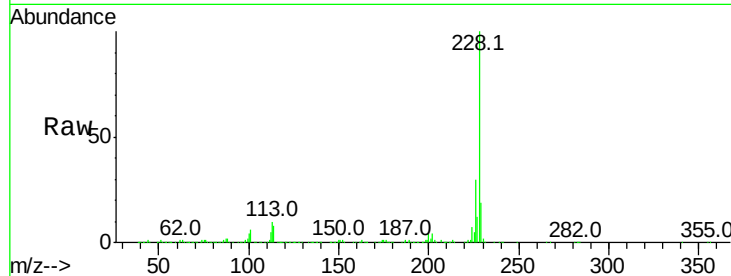
Tot Ion:228 Resp: 1707772

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

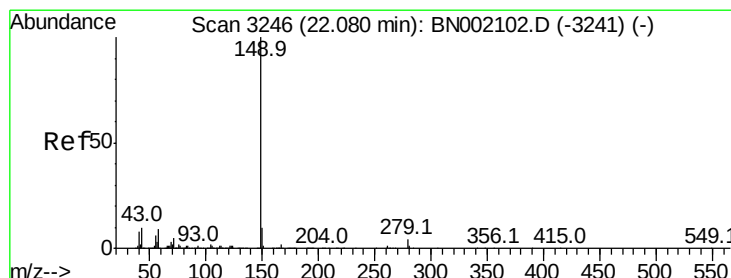
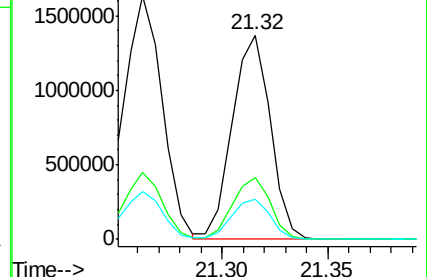
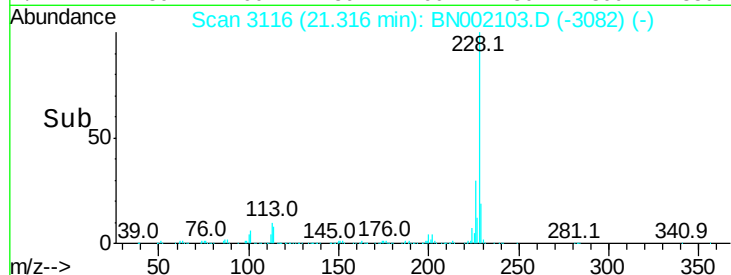
229 19.5 15.6 23.4



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



#86

Di-n-octyl phthalate

Concen: 26.472 ng/ul

RT: 22.09 min Scan# 3247

Delta R.T. 0.01 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

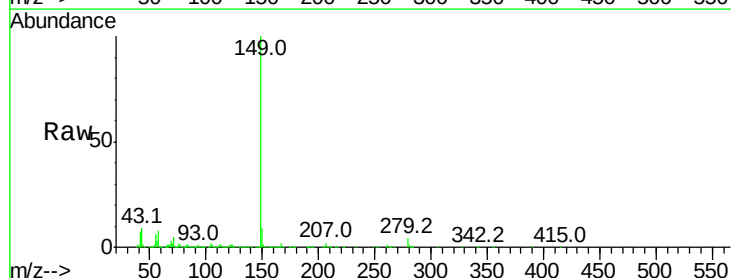
Tgt Ion:149 Resp: 2259128

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

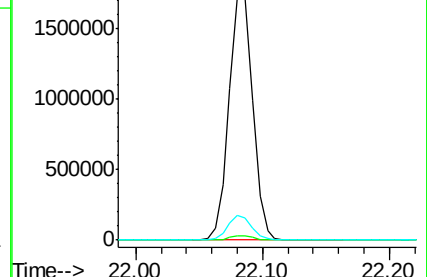
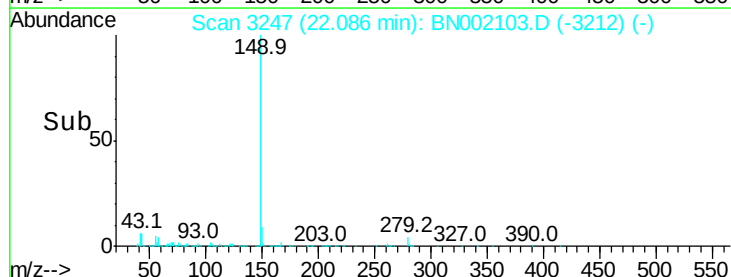
43 9.2 5.6 8.4#

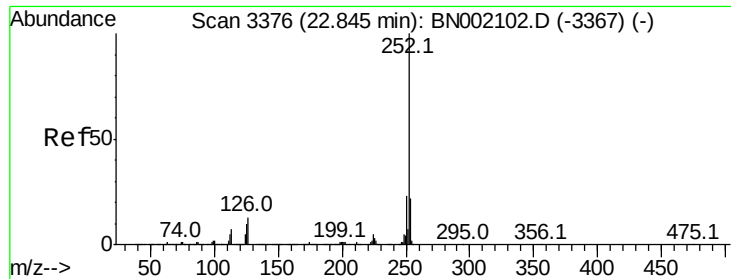


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#87

Benzo(b)fluoranthene

Concen: 41.628 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

ClientSampleId :

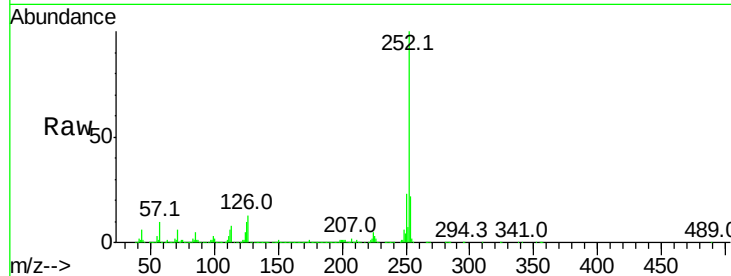
Tot Ion:252 Resp: 3329146

Ion Ratio Lower Upper

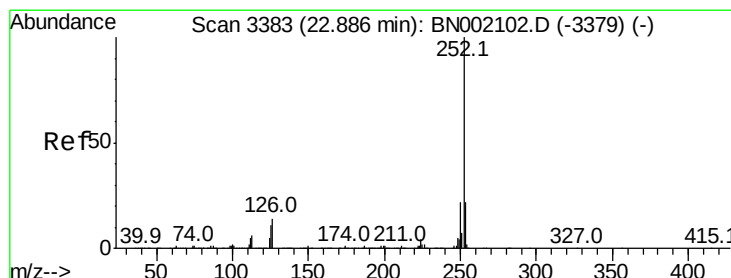
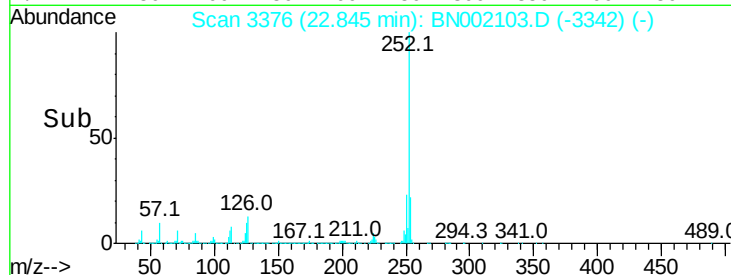
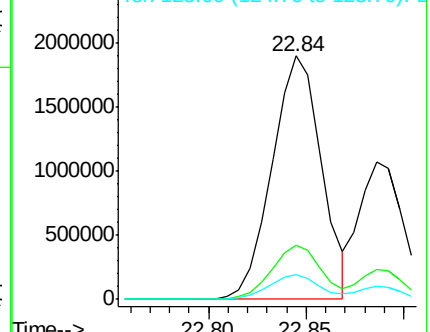
252 100

253 22.2 17.5 26.3

125 10.0 8.5 12.7



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: 21.815 ng/ul

RT: 22.89 min Scan# 3383

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

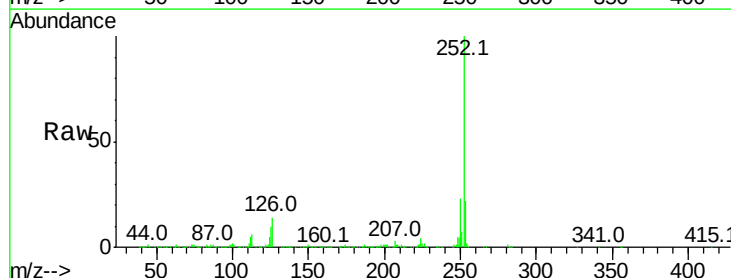
Tgt Ion:252 Resp: 1657453

Ion Ratio Lower Upper

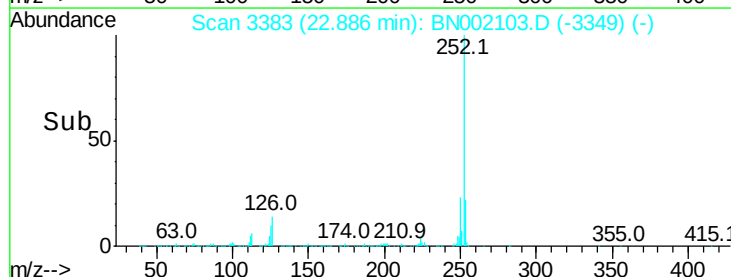
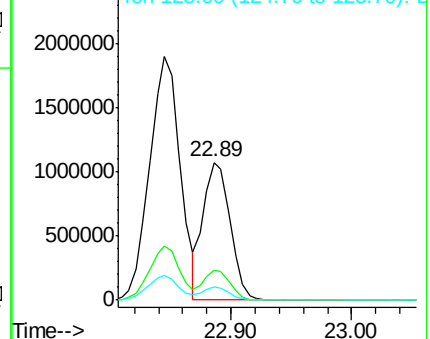
252 100

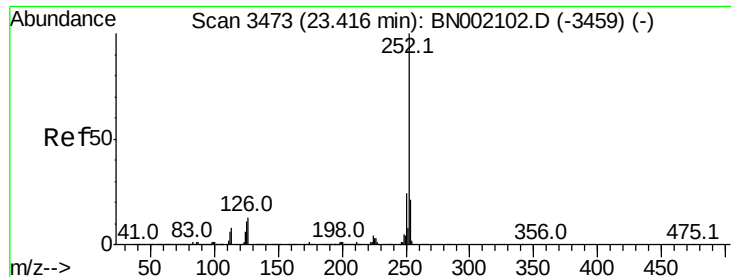
253 22.1 17.3 25.9

125 9.7 8.2 12.2



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: 23.145 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

Instrument :

BNA_N

ClientSampleId :

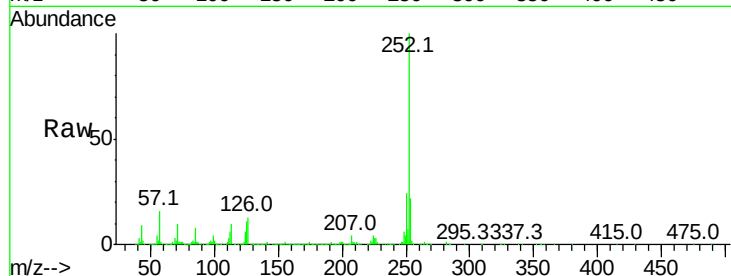
Tot Ion:252 Resp: 1758758

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.3	9.0	13.6

252 100

253 22.0 17.2 25.8

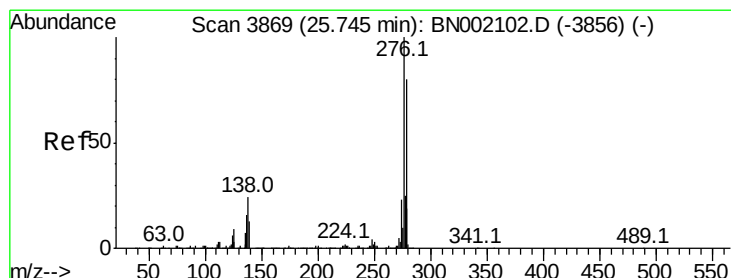
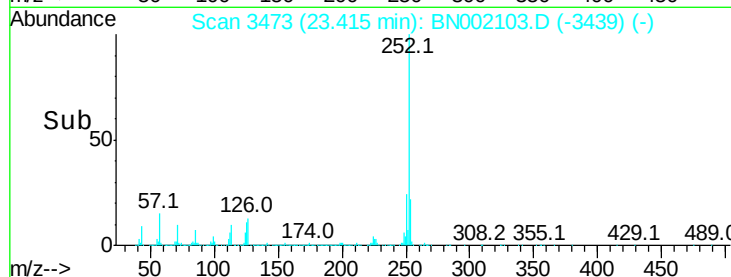
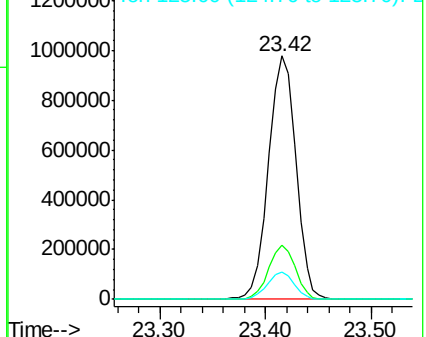
125 11.3 9.0 13.6



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 18.986 ng/ul

RT: 25.74 min Scan# 3869

Delta R.T. -0.00 min

Lab File: BN002103.D

Acq: 23 Jul 2018 13:05

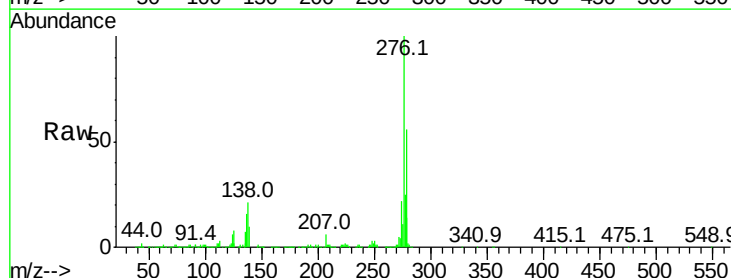
Tgt Ion:276 Resp: 1667773

Ion	Ratio	Lower	Upper
276	100		
138	21.2	22.3	33.5#
277	24.6	20.2	30.2

276 100

138 21.2 22.3 33.5#

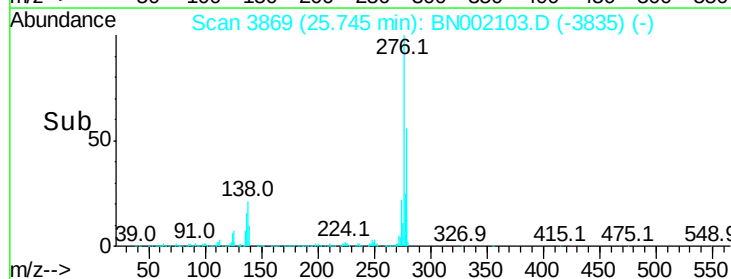
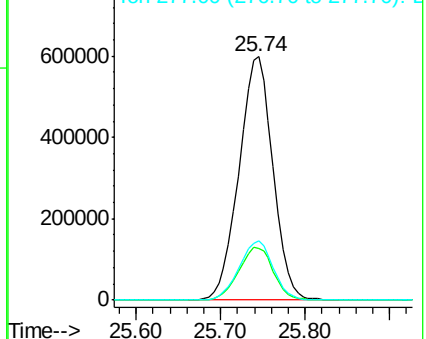
277 24.6 20.2 30.2

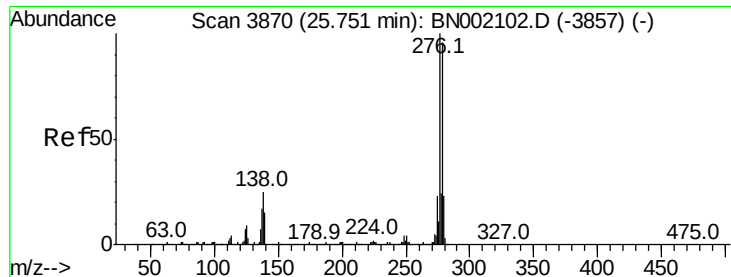


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



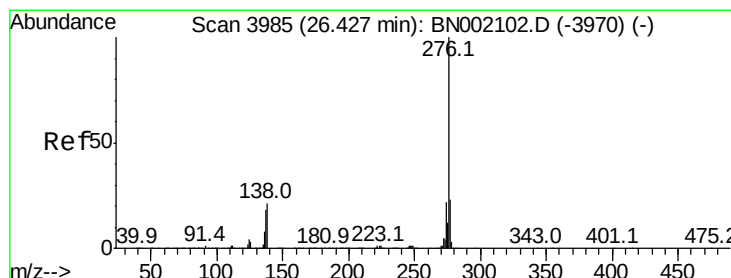
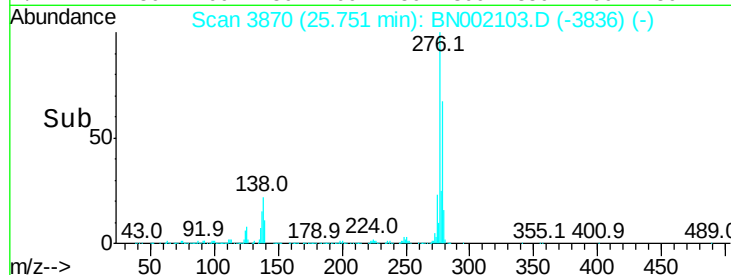
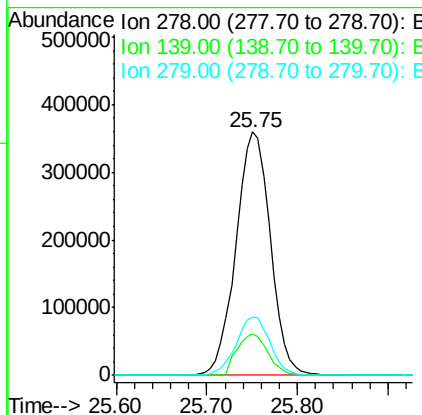
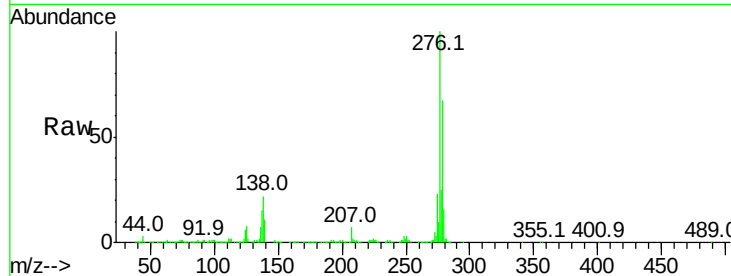


#92

Dibenzo(a,h)anthracene
 Concen: 12.932 ng/ul
 RT: 25.75 min Scan# 3870
 Delta R.T. -0.00 min
 Lab File: BN002103.D
 Acq: 23 Jul 2018 13:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.9	20.9
279	23.9	19.0	28.4



#93

Benzo(g,h,i)perylene
 Concen: 29.160 ng/ul
 RT: 26.43 min Scan# 3985
 Delta R.T. -0.00 min
 Lab File: BN002103.D
 Acq: 23 Jul 2018 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.9	28.3
277	24.7	19.2	28.8

