

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
 Data File : BN002691.D
 Acq On : 14 Sep 2018 16:26
 Operator : JU/SJ
 Sample : J4865-24
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 15 01:05:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 14 15:14:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	124513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	525324	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	276763	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	554611	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	520053	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	533681	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9203	3.41	ng/uL	0.00
5) Phenol-d5	6.84	99	202904	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	127517	19.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	166821	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	152213	18.59	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	80454	19.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	88935	19.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	155085	18.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	215236	22.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	715955	33.05	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	679800	24.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	129533	36.16	ng/ul	0.00
57) Fluorene-d10	15.29	176	591795	31.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	108941	31.40	ng/ul	0.00
70) Anthracene-d10	17.13	188	1017836	38.44	ng/ul	0.00
78) Pyrene-d10	19.44	212	1077716	39.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1139629	40.57	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	31225	10.348	ng/uL 94
4) Benzaldehyde	6.80	77	114274	19.768	ng/ul 95
6) Phenol	6.86	94	333654	31.293	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.09	93	176095	21.473	ng/ul 98
17) Hexachloroethane	8.71	117	87178	25.108	ng/ul 99
20) Nitrobenzene	8.84	77	111624	11.802	ng/ul 97
23) 2-Nitrophenol	9.55	139	111434	23.371	ng/ul 98
28) Naphthalene	10.47	128	659746	24.367	ng/ul 99
30) 4-Chloroaniline	10.47	127	86234	8.956	ng/ul# 5
34) 2-Methylnaphthalene	12.09	142	636752	33.646	ng/ul 100
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	113989	12.398	ng/ul 99
38) 2,4,6-Trichlorophenol	12.79	196	291517	49.700	ng/ul 99
39) 2,4,5-Trichlorophenol	12.79	196	291766	47.496	ng/ul 98
40) 1,1'-Biphenyl	13.11	154	613240	26.902	ng/ul 100
41) 2-Chloronaphthalene	13.15	162	465552	26.030	ng/ul 98
44) Dimethylphthalate	13.75	163	122661	5.801	ng/ul 99
47) Acenaphthylene	14.00	152	707437	26.619	ng/ul 100
49) Acenaphthene	14.35	153	456391	24.244	ng/ul 97
52) 4-Nitrophenol	14.53	109	73410	29.452	ng/ul 98
53) Dibenzofuran	14.69	168	356032	13.754	ng/ul 100
54) 2,4-Dinitrotoluene	14.67	165	170695	28.325	ng/ul 94
56) Diethylphthalate	15.12	149	464756	22.436	ng/ul 99
58) Fluorene	15.34	166	720442	34.747	ng/ul 99

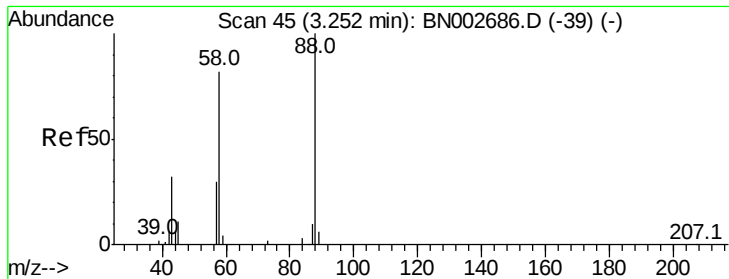
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091418\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitroaniline	15.34	138	7644	1.736	ng/ul#	19
66) Hexachlorobenzene	16.35	284	118952	17.908	ng/ul	94
69) Phenanthrene	17.08	178	1066145	34.890	ng/ul	99
71) Anthracene	17.17	178	1806604	58.310	ng/ul	99
76) Fluoranthene	19.10	202	1165330	35.749	ng/ul	99
79) Pyrene	19.47	202	1031151	29.988	ng/ul	98
82) Benzo(a)anthracene	21.22	228	877685	27.129	ng/ul	99
84) Chrysene	21.27	228	714395	23.559	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	882492	25.017	ng/ul	97
87) Benzo(b)fluoranthene	22.80	252	1506718	46.228	ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	735056	24.174	ng/ul	100
90) Benzo(a)pyrene	23.36	252	813176	26.391	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	933865	25.600	ng/ul	97
92) Dibenzo(a,h)anthracene	25.67	278	535780	17.431	ng/ul	97
93) Benzo(a,h,i)perylene	26.35	276	1247324	40.904	ng/ul	98

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



#2

1,4-Dioxane

Concen: 10.348 ng/uL

RT: 3.25 min Scan# 45

Delta R.T. 0.00 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

Instrument :

BNA_N

ClientSampled :

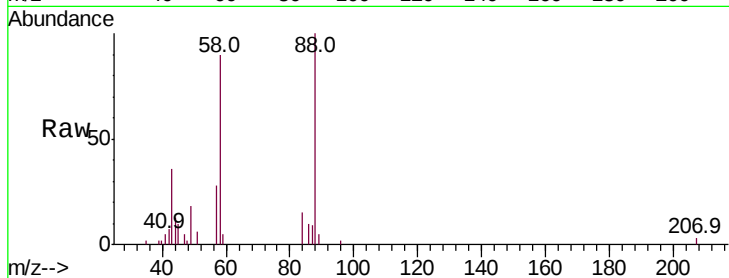
Tot Ion: 88 Resp: 31225

Ion Ratio Lower Upper

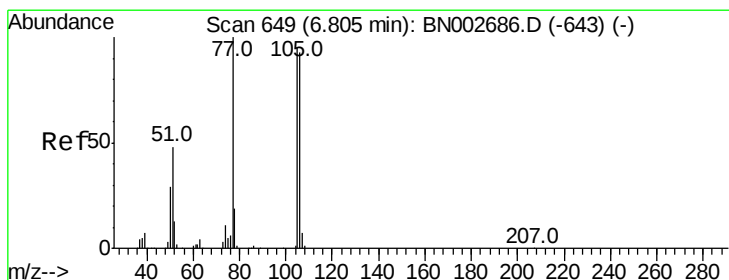
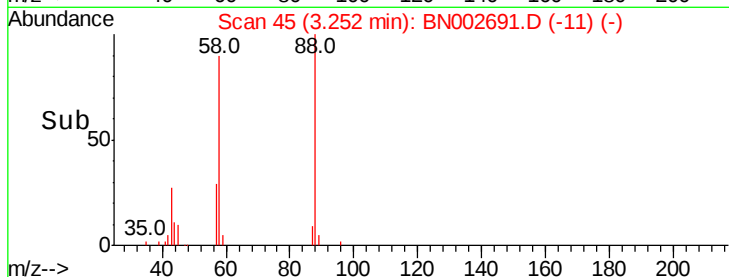
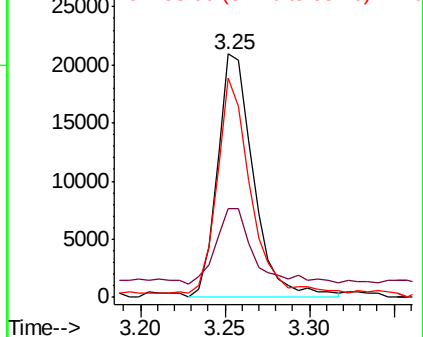
88 100

43 29.9 25.7 38.5

58 78.1 67.4 101.0



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: 19.768 ng/uL

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

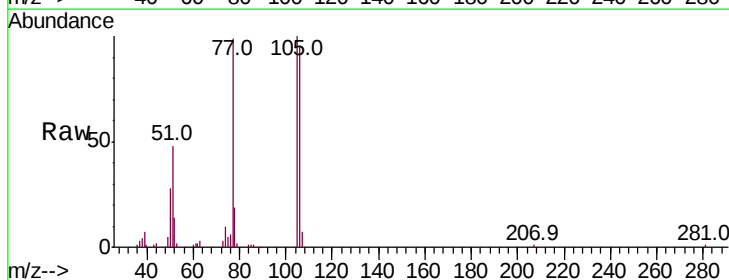
Tgt Ion: 77 Resp: 114274

Ion Ratio Lower Upper

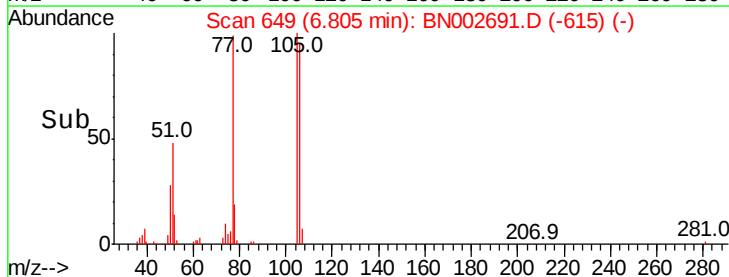
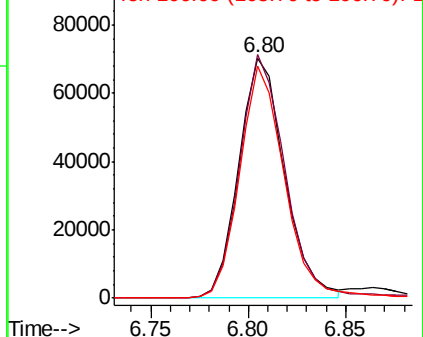
77 100

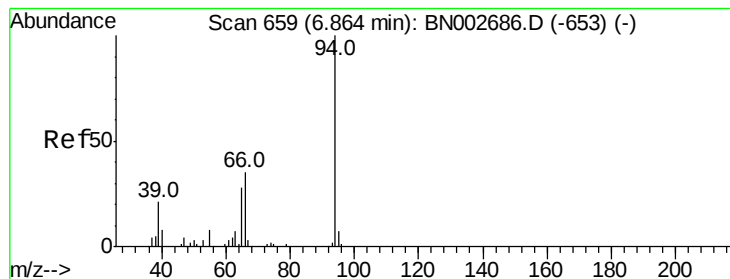
105 101.4 76.2 114.4

106 96.8 74.2 111.2



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: 31.293 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

Instrument :

BNA_N

ClientSampled :

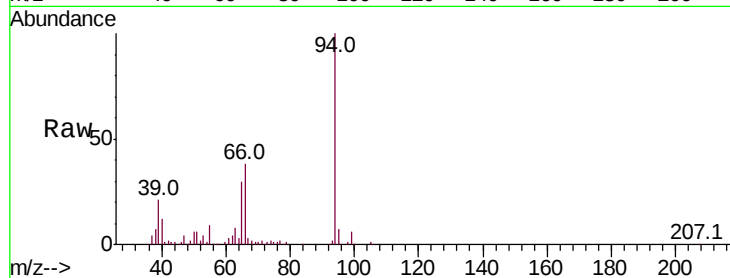
Tot Ion: 94 Resp: 333654

Ion Ratio Lower Upper

94 100

65 29.6 23.1 34.7

66 38.5 29.8 44.6

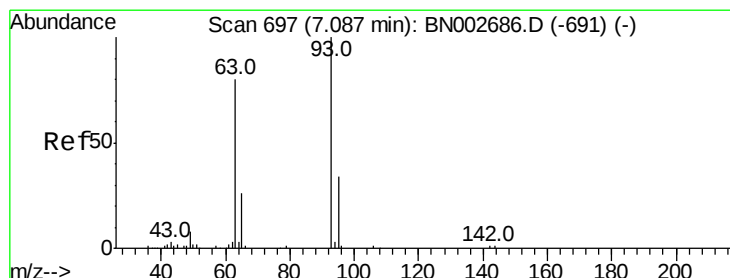
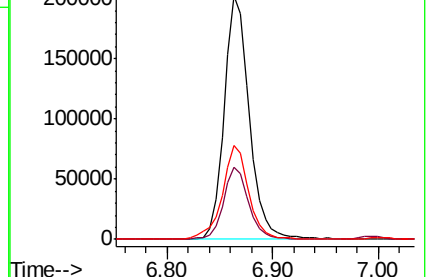
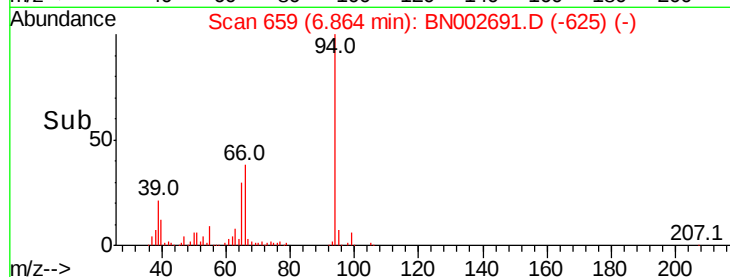


Abundance Ion 94.00 (93.70 to 94.70): BN002686.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BN002686.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BN002686.D (-653) (-)

6.86



#8

Bis(2-Chloroethyl)ether

Concen: 21.473 ng/ul

RT: 7.09 min Scan# 697

Delta R.T. 0.00 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

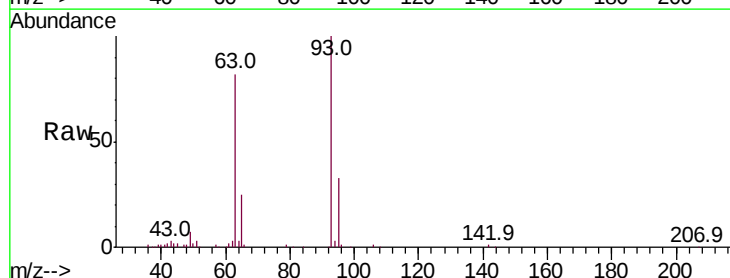
Tgt Ion: 93 Resp: 176095

Ion Ratio Lower Upper

93 100

63 82.1 64.2 96.4

95 32.6 26.8 40.2

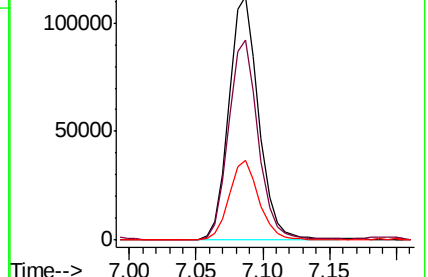
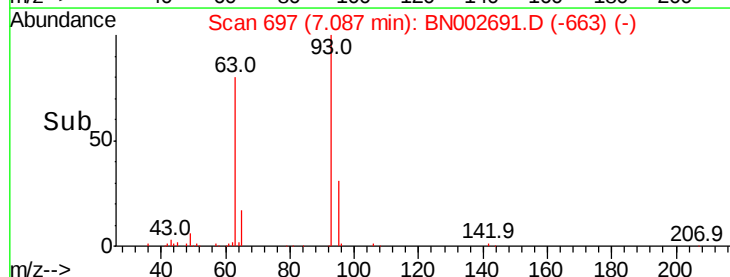


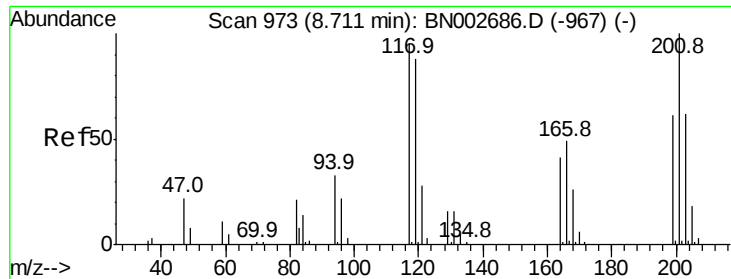
Abundance Ion 93.00 (92.70 to 93.70): BN002686.D (-691) (-)

Ion 63.00 (62.70 to 63.70): BN002686.D (-691) (-)

Ion 95.00 (94.70 to 95.70): BN002686.D (-691) (-)

7.09

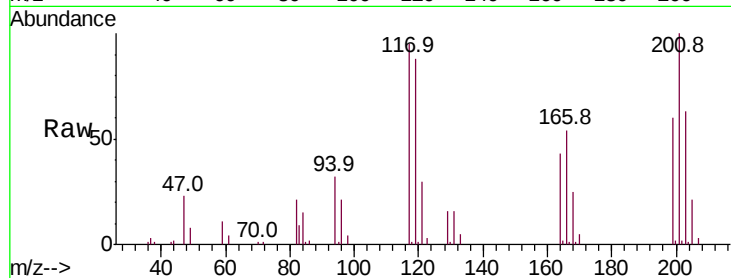




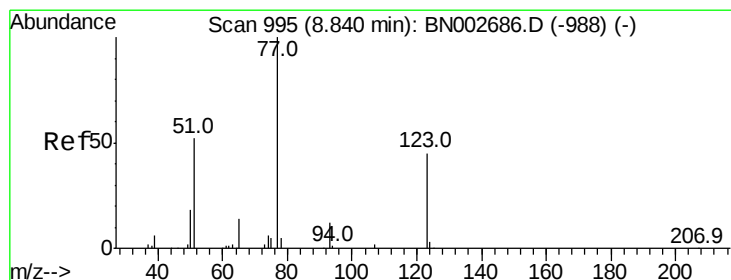
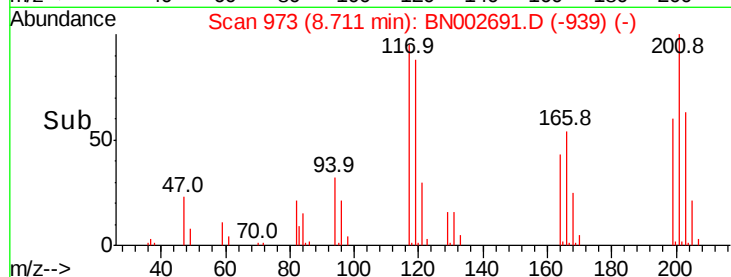
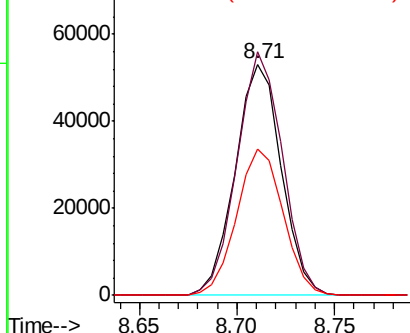
#17
Hexachloroethane
Concen: 25.108 ng/ul
RT: 8.71 min Scan# 973
Delta R.T. 0.00 min
Lab File: BN002691.D
Acq: 14 Sep 2018 16:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:117 Resp: 87178
Ion Ratio Lower Upper
117 100
201 105.3 84.5 126.7
199 63.5 51.8 77.8

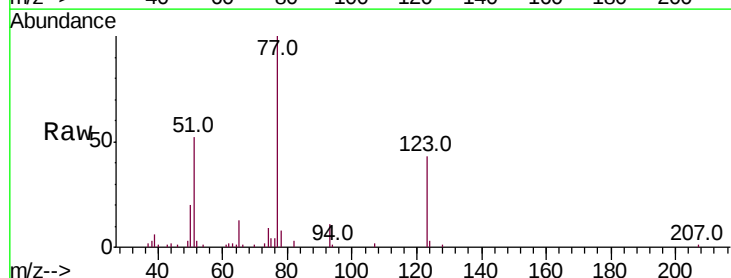


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

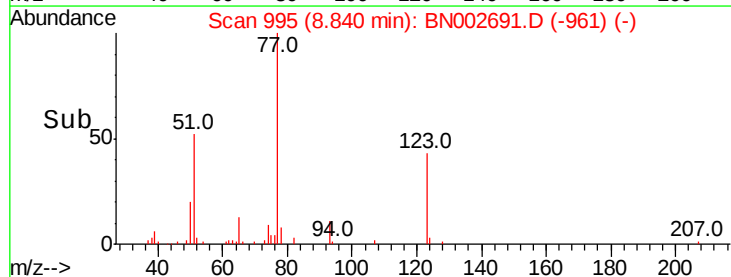
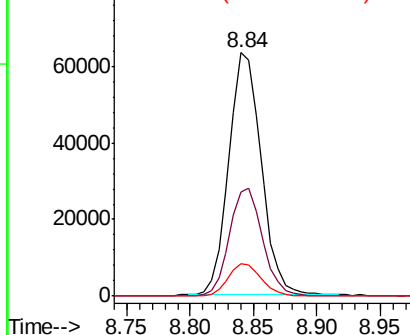


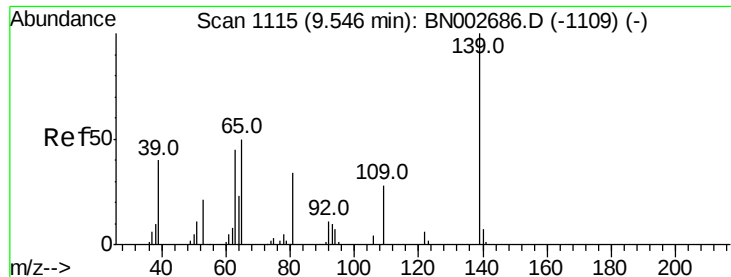
#20
Nitrobenzene
Concen: 11.802 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. 0.00 min
Lab File: BN002691.D
Acq: 14 Sep 2018 16:26

Tgt Ion: 77 Resp: 111624
Ion Ratio Lower Upper
77 100
123 42.8 35.8 53.8
65 13.4 11.1 16.7



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

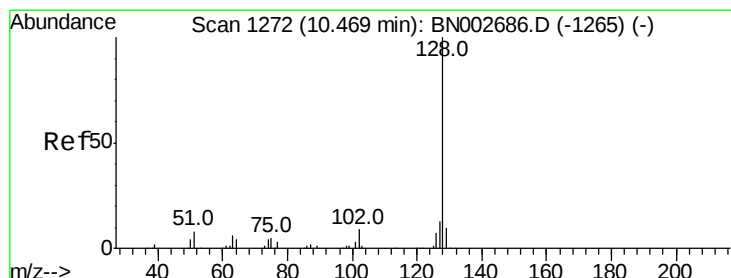
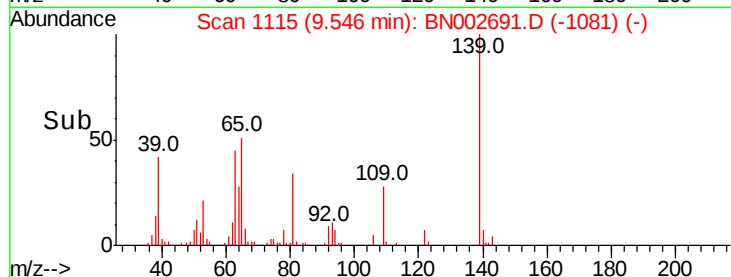
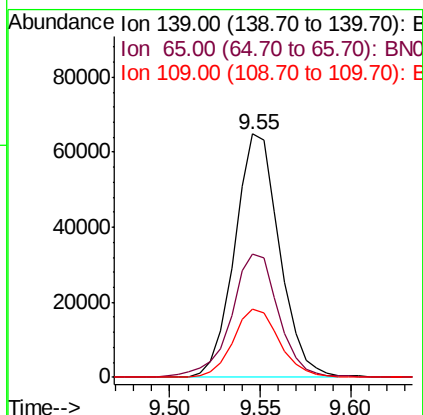
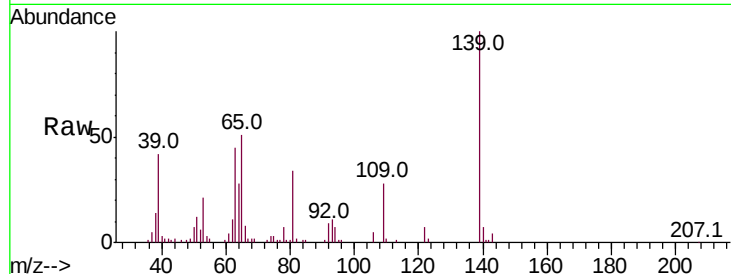




#23
2-Nitrophenol
Concen: 23.371 ng/ul
RT: 9.55 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BN002691.D
Acq: 14 Sep 2018 16:26

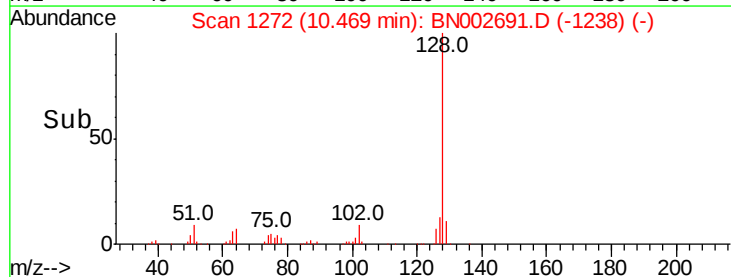
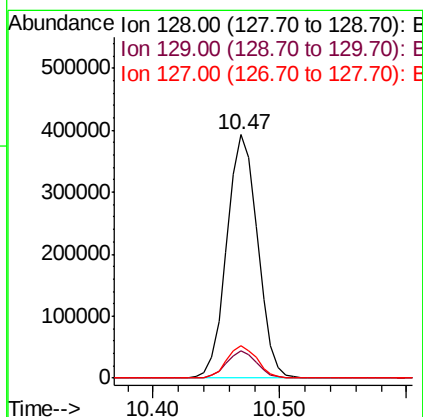
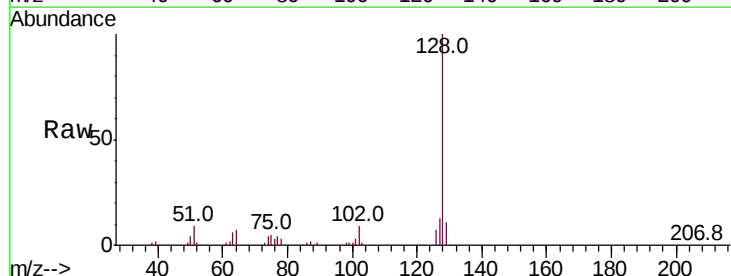
Instrument :
BNA_N
ClientSampled :

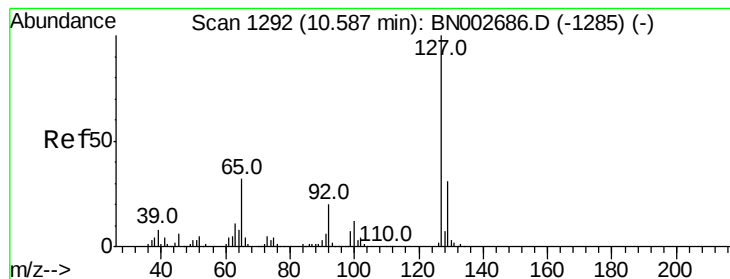
Tot Ion:139 Resp: 111434
Ion Ratio Lower Upper
139 100
65 50.9 42.0 63.0
109 28.1 22.0 33.0



#28
Naphthalene
Concen: 24.367 ng/ul
RT: 10.47 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BN002691.D
Acq: 14 Sep 2018 16:26

Tgt Ion:128 Resp: 659746
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.3 10.5 15.7





#30

4-Chloroaniline

Concen: 8.956 ng/ul

RT: 10.47 min Scan# 1272

Delta R.T. -0.12 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

Instrument :

BNA_N

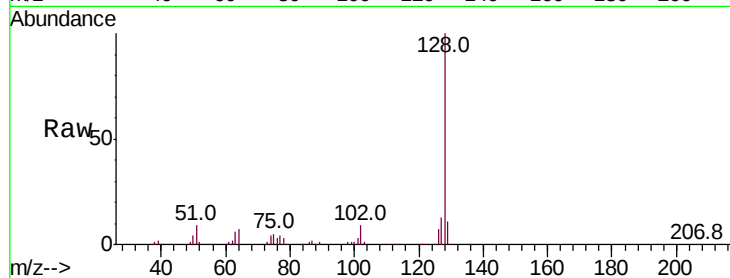
ClientSampleId :

Tot Ion:127 Resp: 86234

Ion Ratio Lower Upper

127 100

129 82.5 24.5 36.7#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

60000

50000

40000

30000

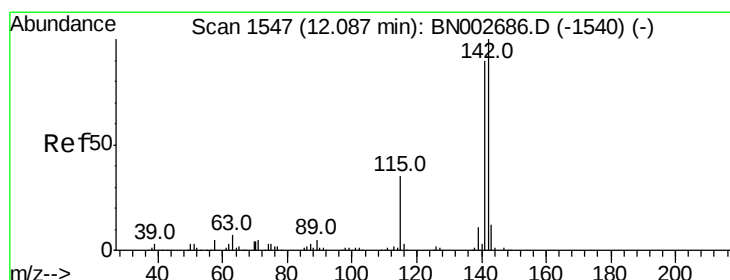
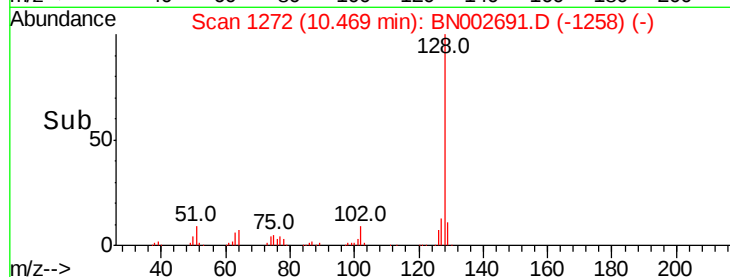
20000

10000

0

10.40 10.45 10.50

Time-->



#34

2-Methylnaphthalene

Concen: 33.646 ng/ul

RT: 12.09 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN002691.D

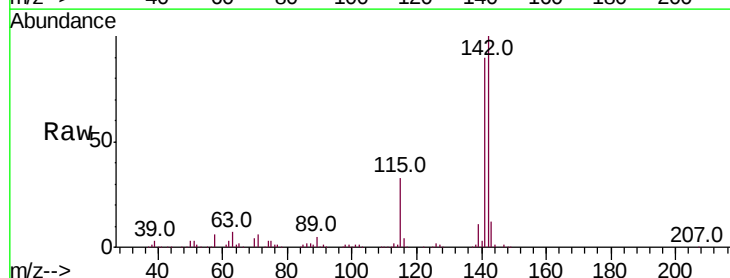
Acq: 14 Sep 2018 16:26

Tgt Ion:142 Resp: 636752

Ion Ratio Lower Upper

142 100

141 89.6 71.8 107.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

400000

300000

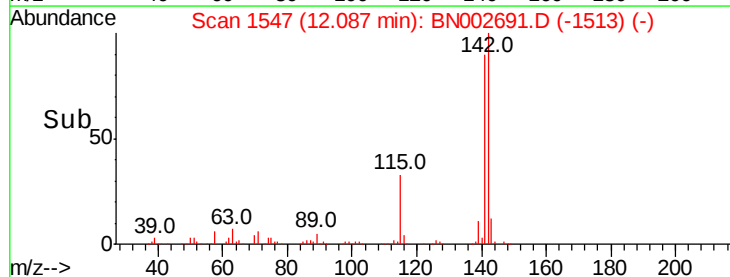
200000

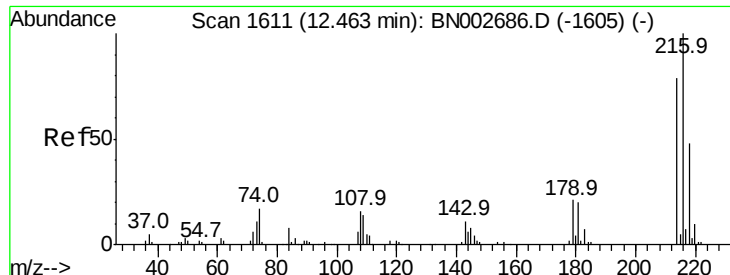
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12.00 12.05 12.10 12.15

Time-->

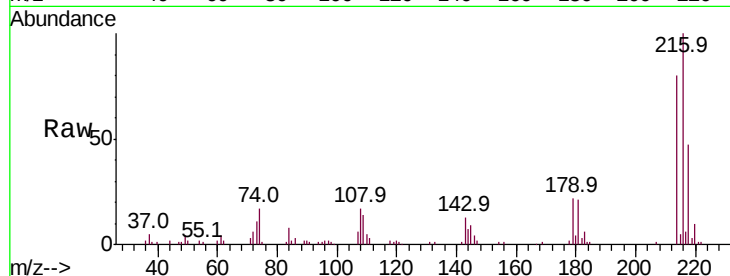




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 12.398 ng/ul
 RT: 12.46 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BN002691.D
 Acq: 14 Sep 2018 16:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	216	Resp:	113989
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	21.8	16.5	24.7
108	16.7	13.4	20.2



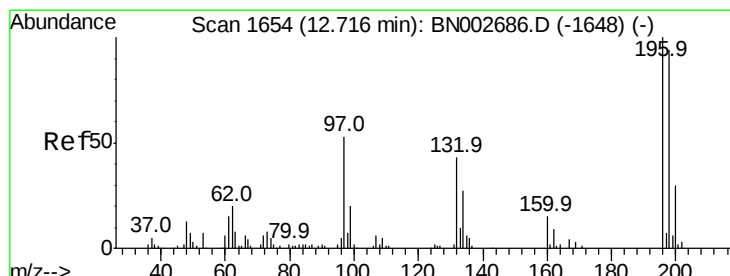
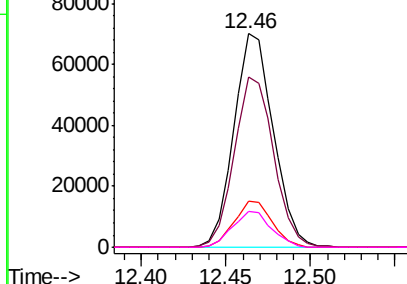
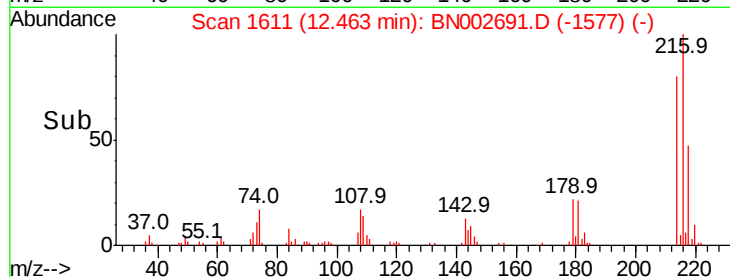
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

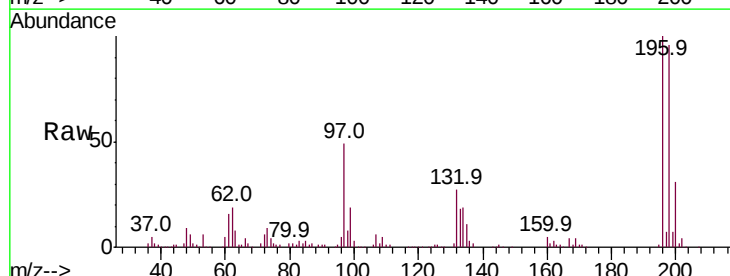
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38
 2,4,6-Trichlorophenol
 Concen: 49.700 ng/ul
 RT: 12.79 min Scan# 1666
 Delta R.T. 0.07 min
 Lab File: BN002691.D
 Acq: 14 Sep 2018 16:26

Tgt Ion:	196	Resp:	291517
Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.6	113.4
200	31.1	24.3	36.5

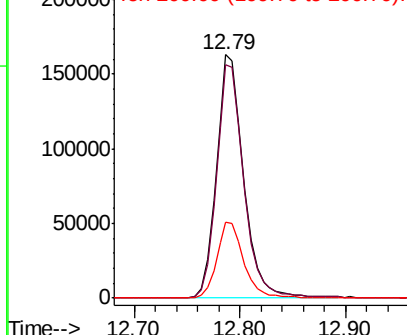
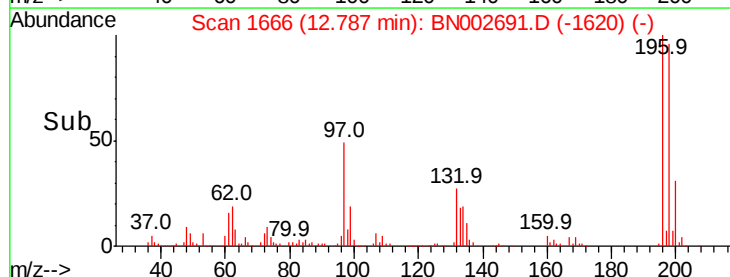


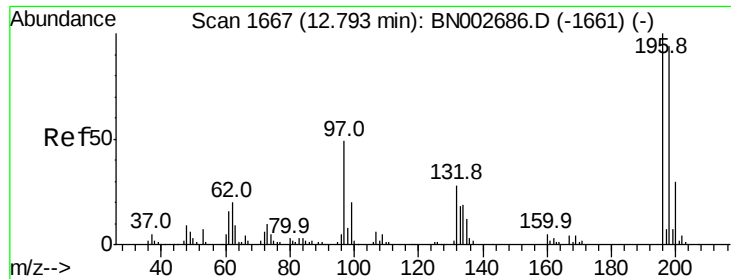
Abundance

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

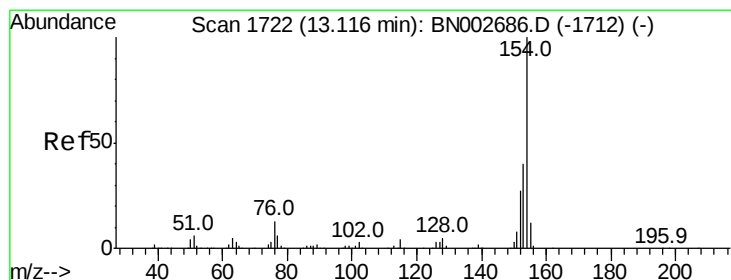
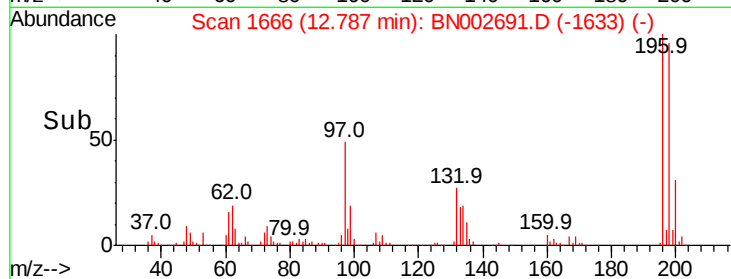
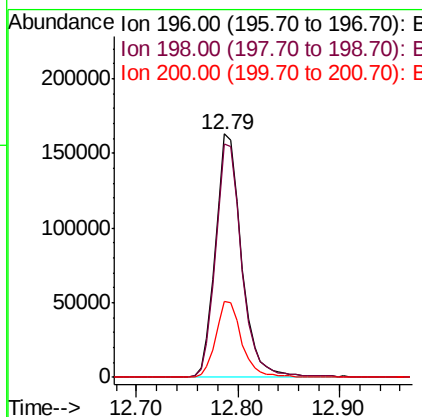
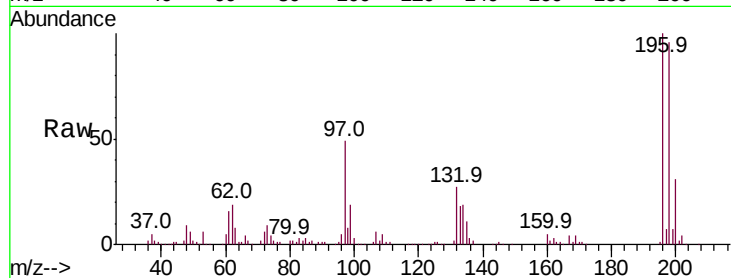




#39
 2,4,5-Trichlorophenol
 Concen: 47.496 ng/ul
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BN002691.D
 Acq: 14 Sep 2018 16:26

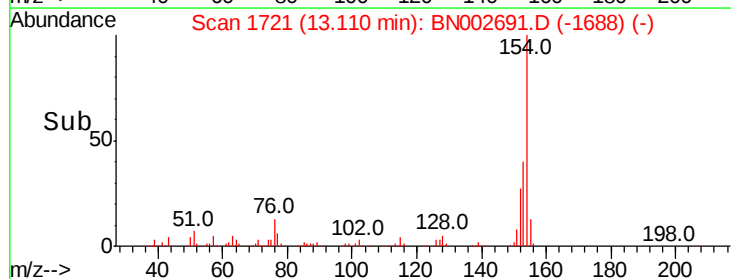
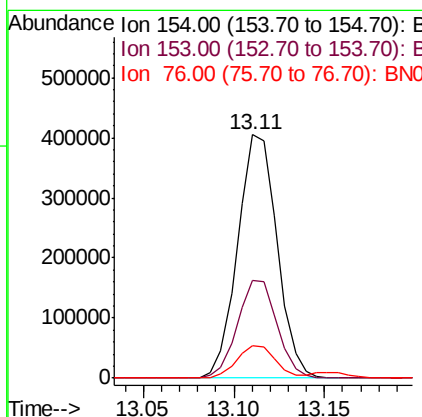
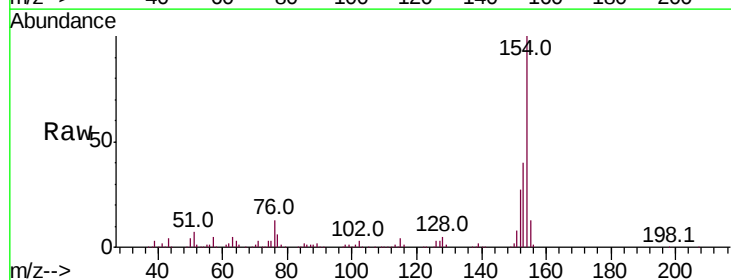
Instrument :
 BNA_N
 ClientSampled :

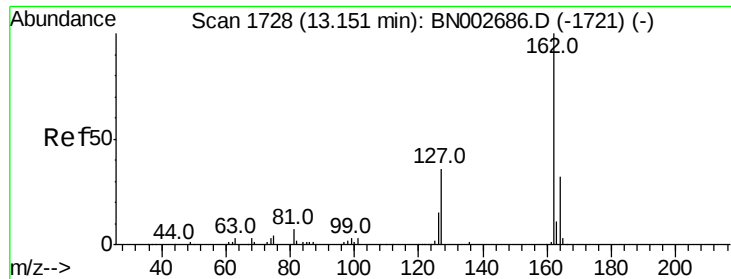
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.6	113.4
200	31.1	23.8	35.8



#40
 1,1'-Biphenyl
 Concen: 26.902 ng/ul
 RT: 13.11 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BN002691.D
 Acq: 14 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.1	48.1
76	13.2	10.5	15.7

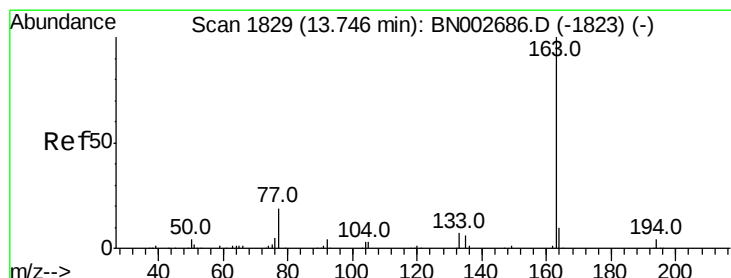
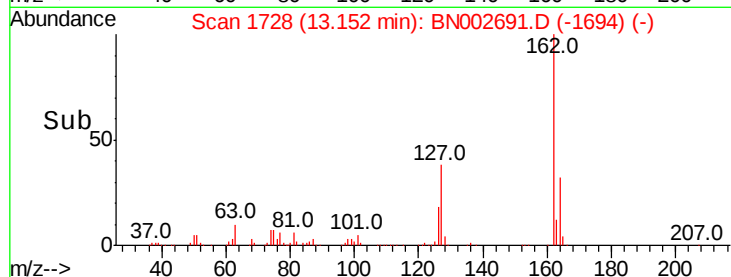
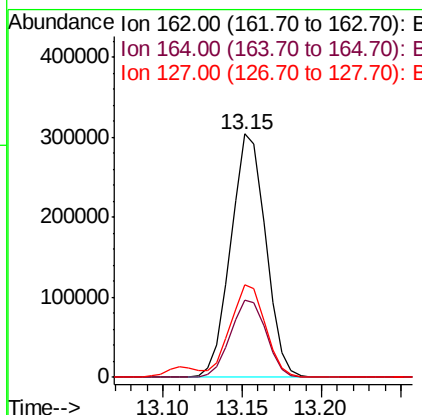
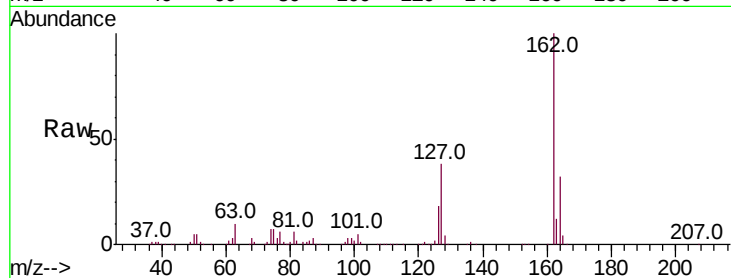




#41
 2-Chloronaphthalene
 Concen: 26.030 ng/ul
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BN002691.D
 Acq: 14 Sep 2018 16:26

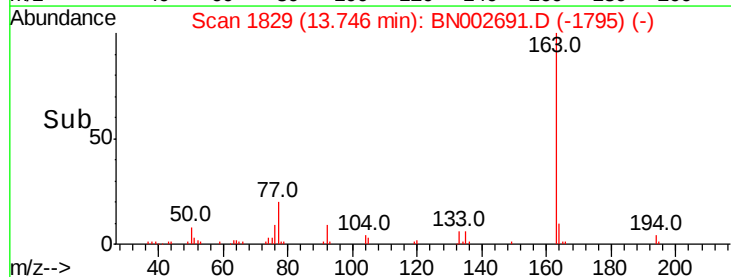
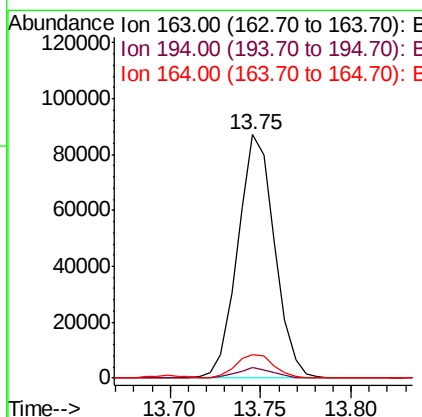
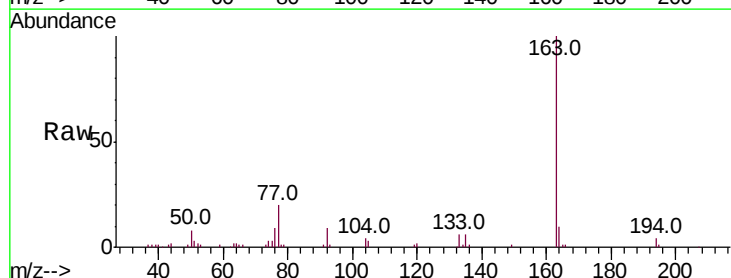
Instrument :
 BNA_N
 ClientSampleId :

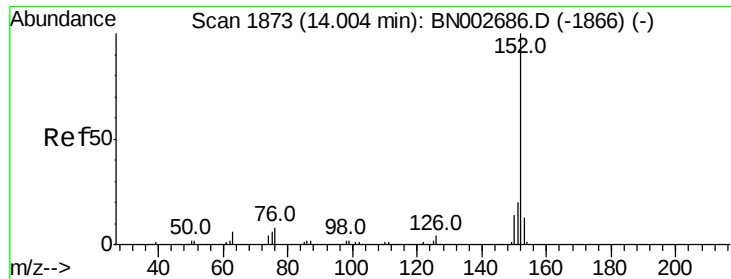
Tot Ion	Ratio	Lower	Upper
162	100		
164	31.7	25.9	38.9
127	38.0	32.1	48.1



#44
 Dimethylphthalate
 Concen: 5.801 ng/ul
 RT: 13.75 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BN002691.D
 Acq: 14 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.9	8.1	12.1





#47

Acenaphthylene

Concen: 26.619 ng/ul

RT: 14.00 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

Instrument :

BNA_N

ClientSampleId :

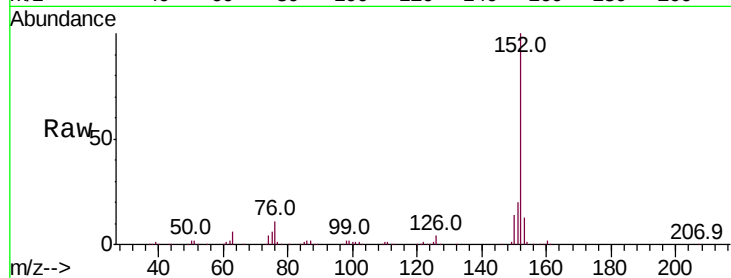
Tot Ion:152 Resp: 707437

Ion Ratio Lower Upper

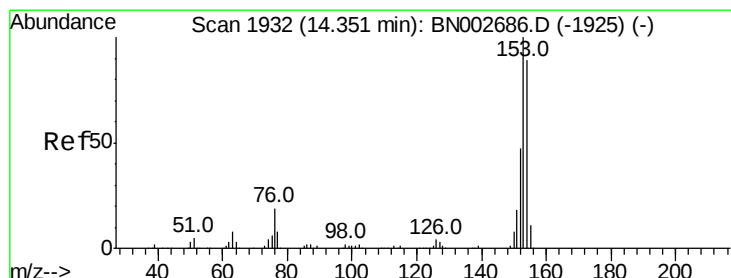
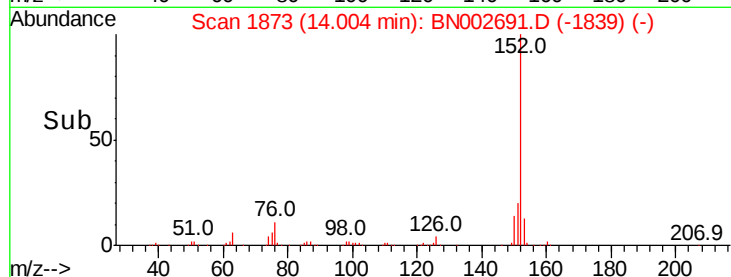
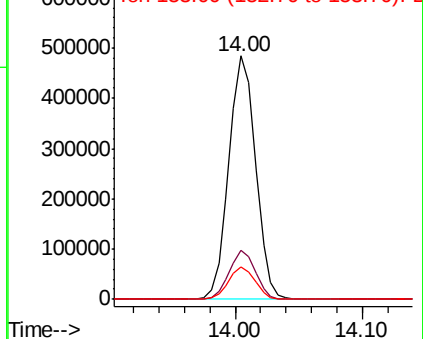
152 100

151 19.9 16.0 24.0

153 13.2 10.6 16.0



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: 24.244 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

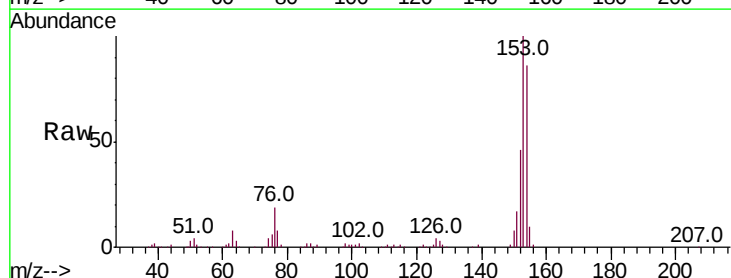
Tgt Ion:153 Resp: 456391

Ion Ratio Lower Upper

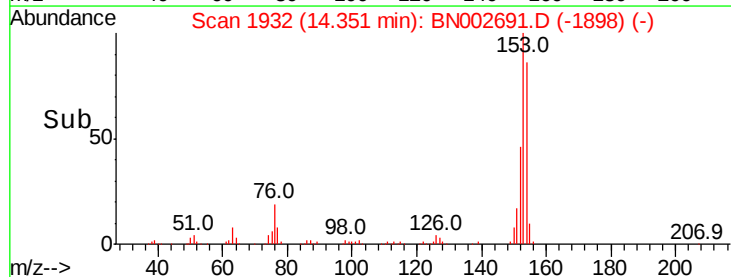
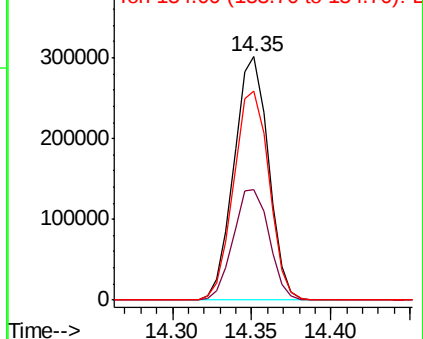
153 100

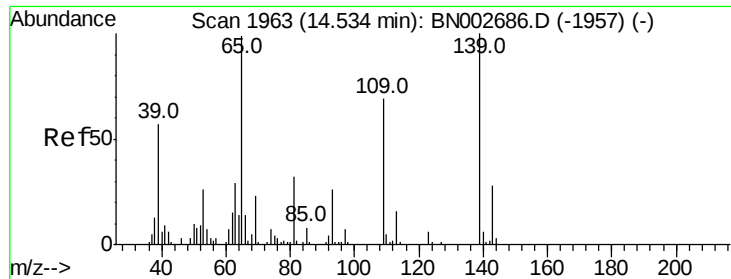
152 45.6 37.8 56.6

154 86.0 70.9 106.3



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: 29.452 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

Instrument :

BNA_N

ClientSampleId :

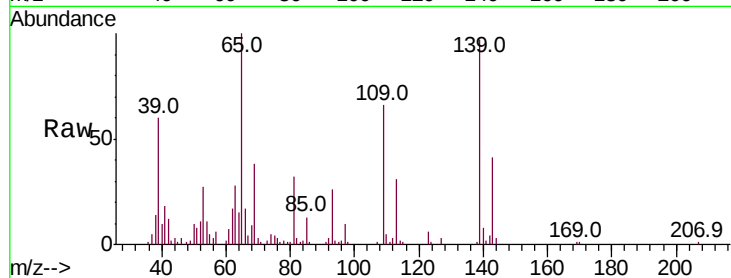
Tot Ion:109 Resp: 73410

Ion Ratio Lower Upper

109 100

139 146.8 116.5 174.7

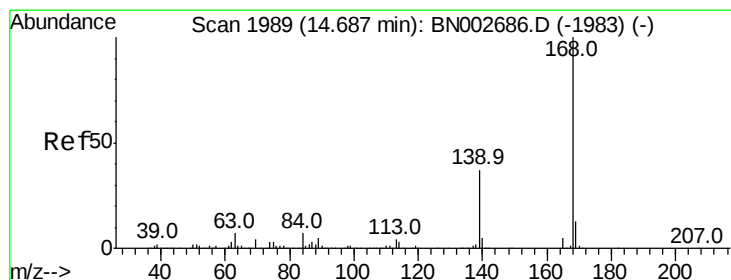
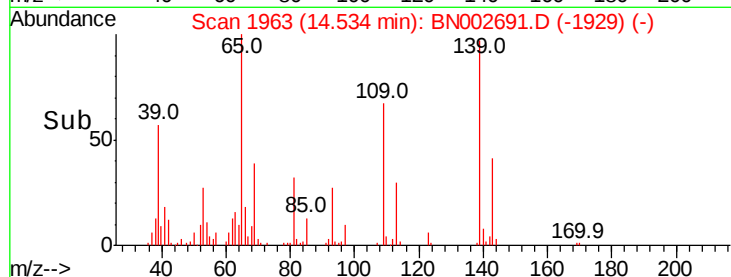
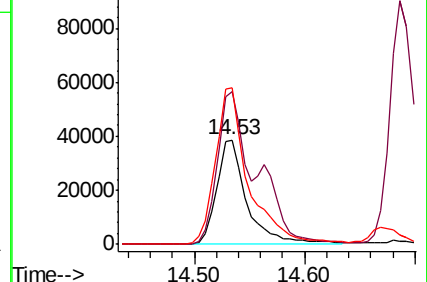
65 150.7 116.7 175.1



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: 13.754 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BN002691.D

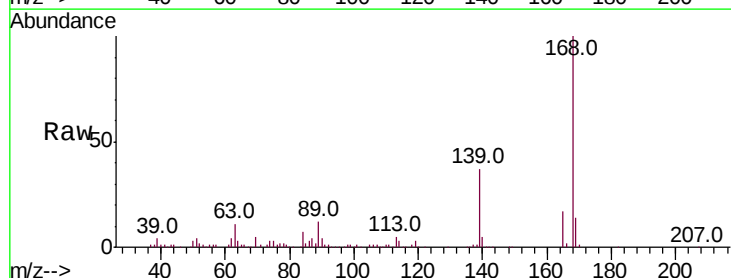
Acq: 14 Sep 2018 16:26

Tgt Ion:168 Resp: 356032

Ion Ratio Lower Upper

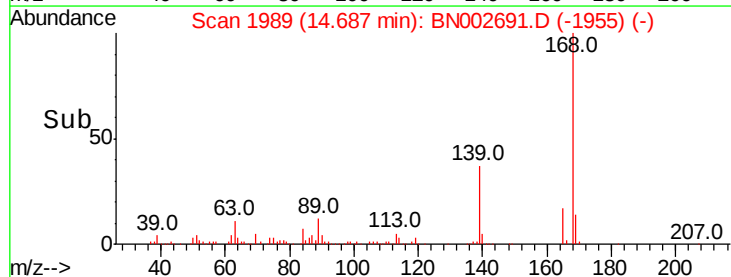
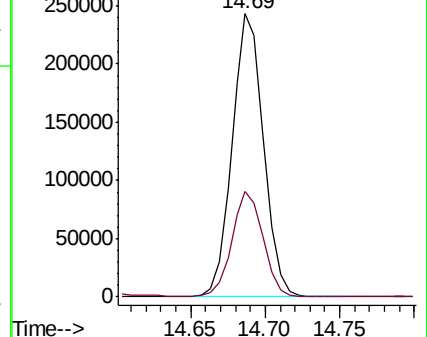
168 100

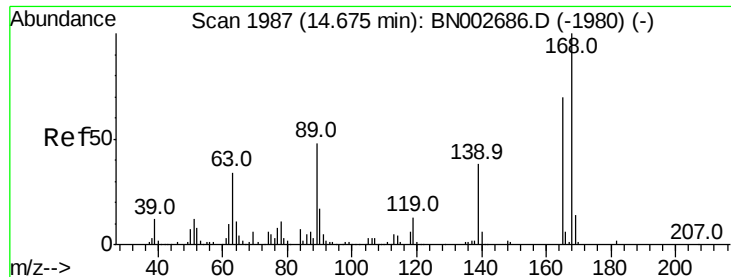
139 37.1 29.4 44.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

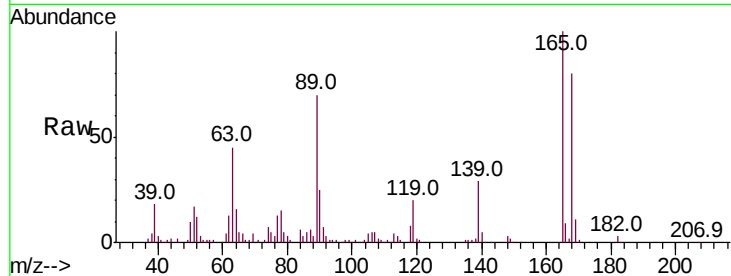




#54
 2,4-Dinitrotoluene
 Concen: 28.325 ng/ul
 RT: 14.67 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BN002691.D
 Acq: 14 Sep 2018 16:26

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.6	39.0	58.6
182	2.9	2.4	3.6

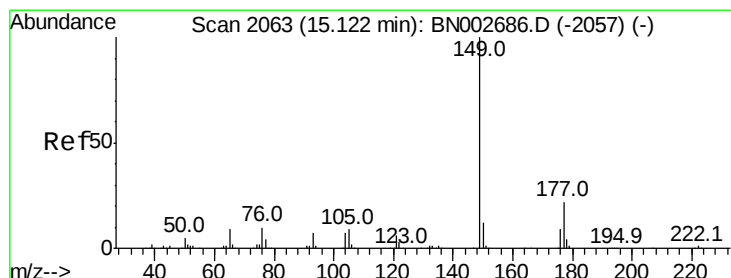
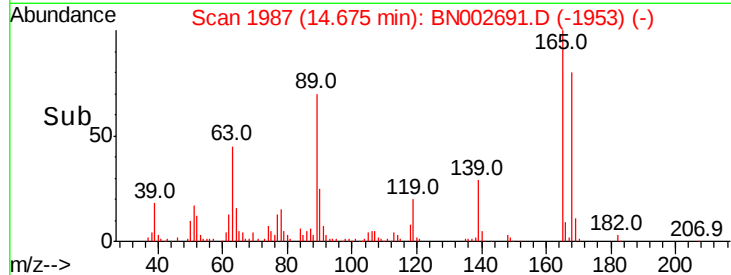
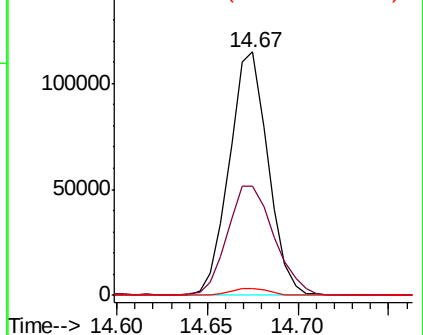


Abundance

Ion 165.00 (164.70 to 165.70): E

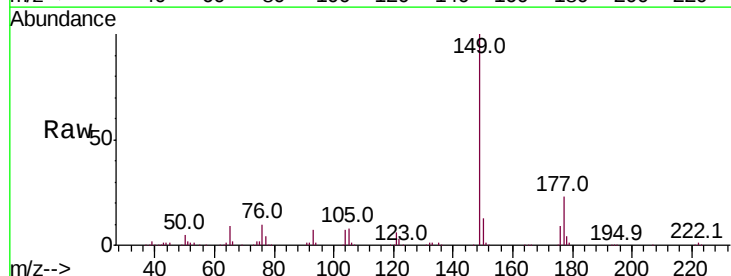
Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



#56
 Diethylphthalate
 Concen: 22.436 ng/ul
 RT: 15.12 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BN002691.D
 Acq: 14 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.8	26.8
150	12.5	9.8	14.8

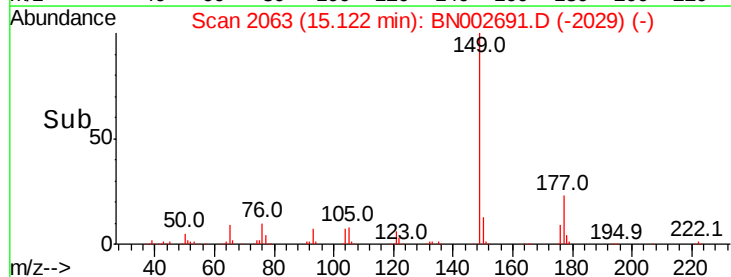
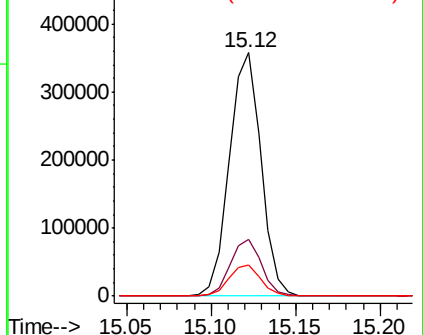


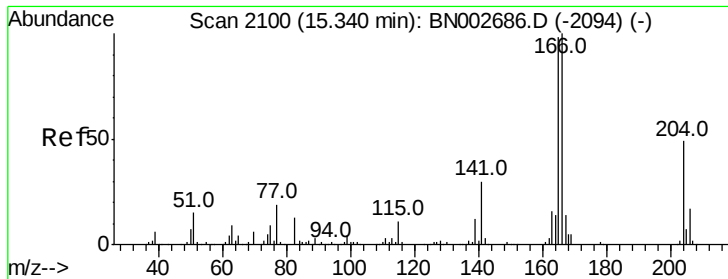
Abundance

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: 34.747 ng/ul

RT: 15.34 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

Instrument :

BNA_N

ClientSampleId :

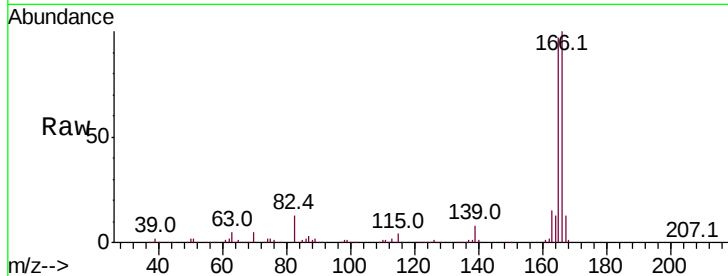
Tot Ion:166 Resp: 720442

Ion Ratio Lower Upper

166 100

165 97.1 78.3 117.5

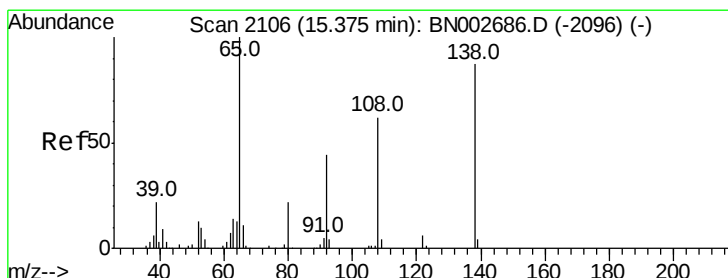
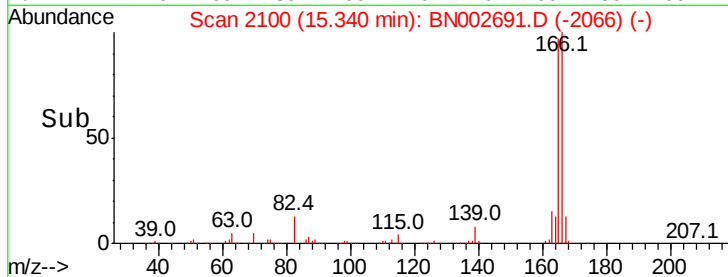
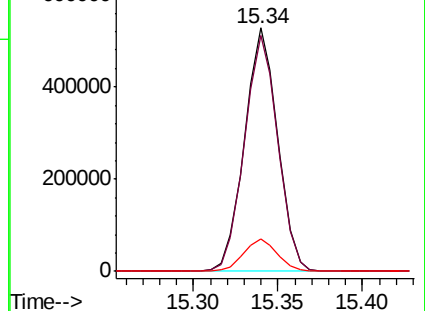
167 13.3 11.0 16.6



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: 1.736 ng/ul

RT: 15.34 min Scan# 2100

Delta R.T. -0.04 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

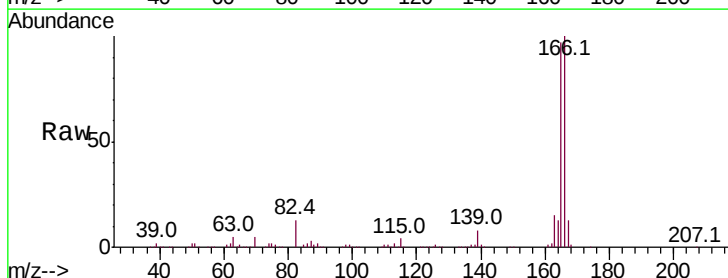
Tgt Ion:138 Resp: 7644

Ion Ratio Lower Upper

138 100

92 0.0 40.8 61.2#

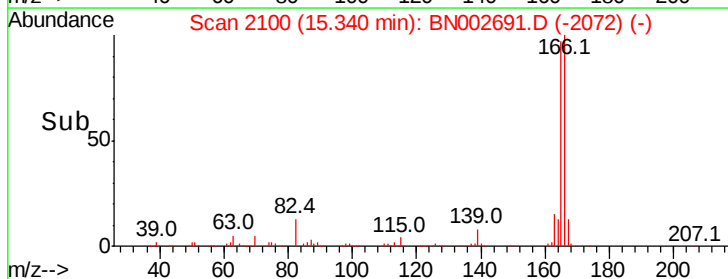
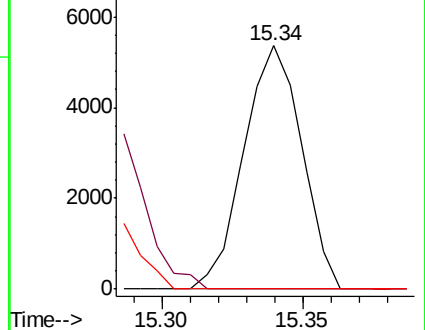
108 0.0 57.4 86.2#

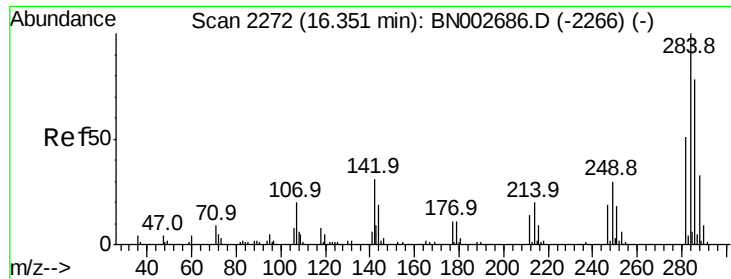


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E

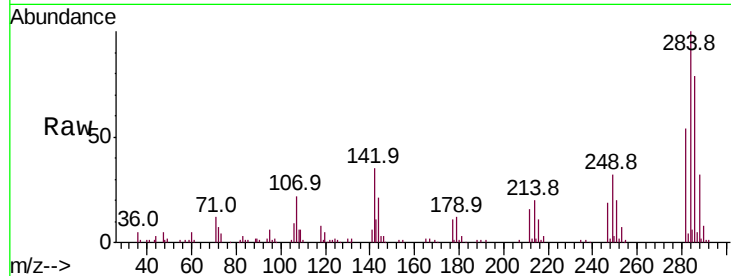




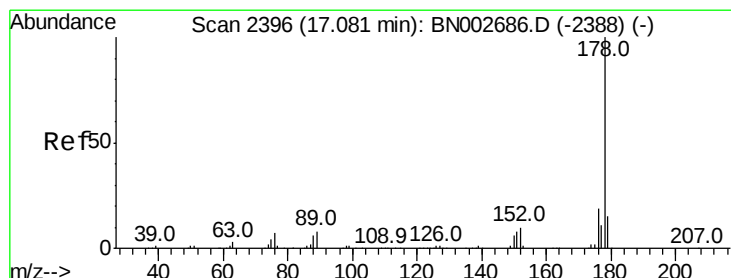
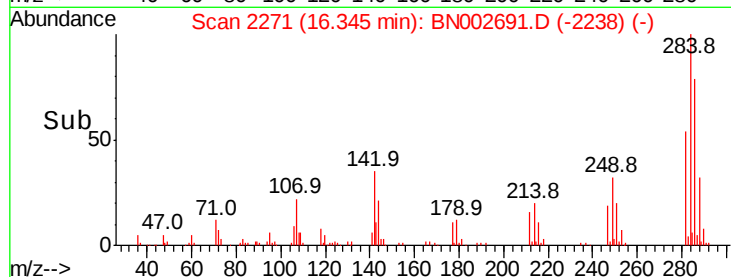
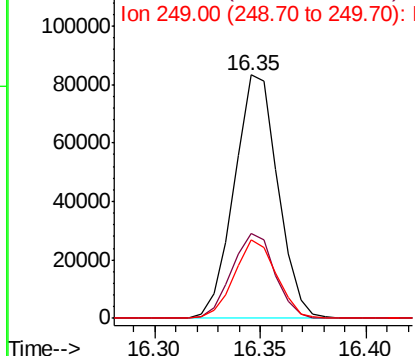
#66
Hexachlorobenzene
Concen: 17.908 ng/ul
RT: 16.35 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BN002691.D
Acq: 14 Sep 2018 16:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 118952
Ion Ratio Lower Upper
284 100
142 35.1 24.8 37.2
249 32.0 23.9 35.9

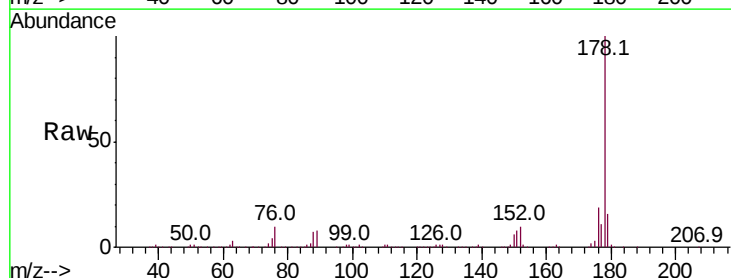


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

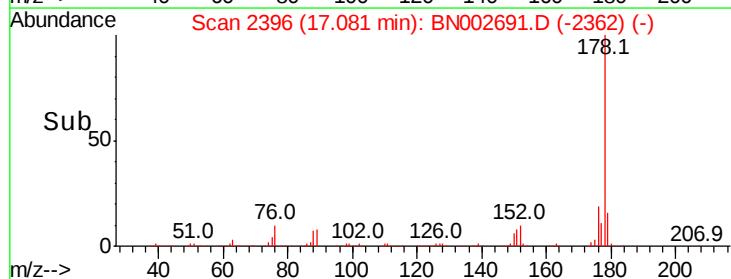
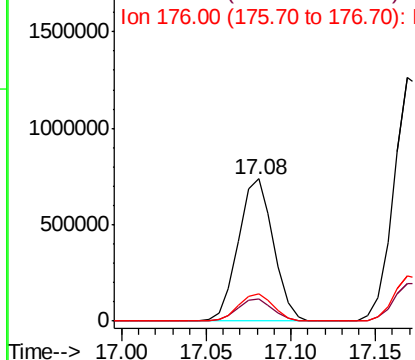


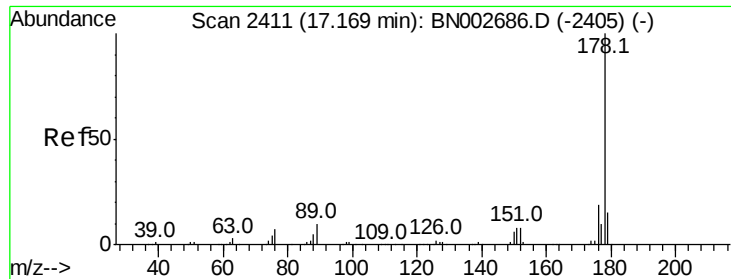
#69
Phenanthrene
Concen: 34.890 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BN002691.D
Acq: 14 Sep 2018 16:26

Tgt Ion:178 Resp: 1066145
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 18.9 15.0 22.6



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

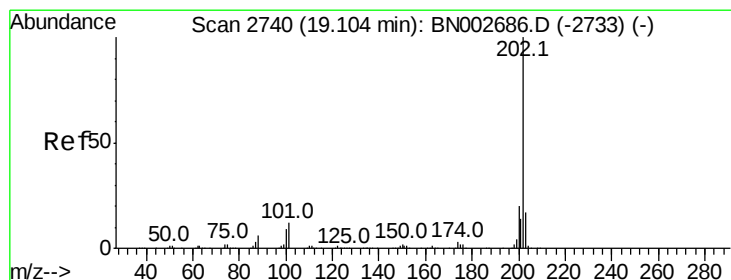
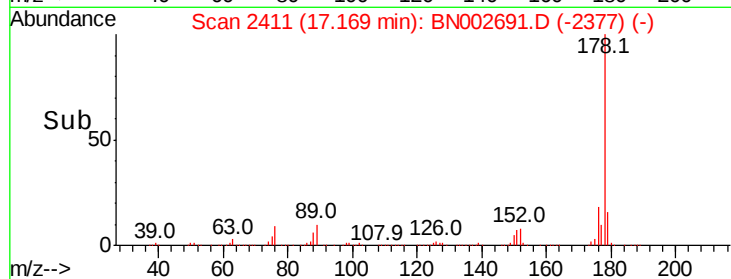
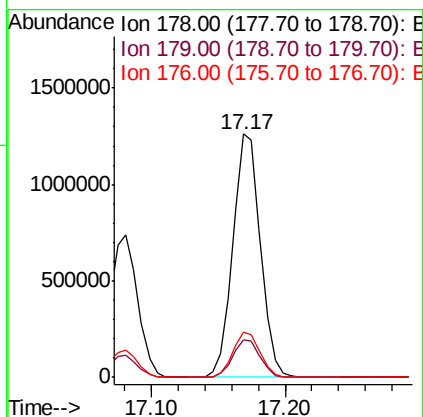
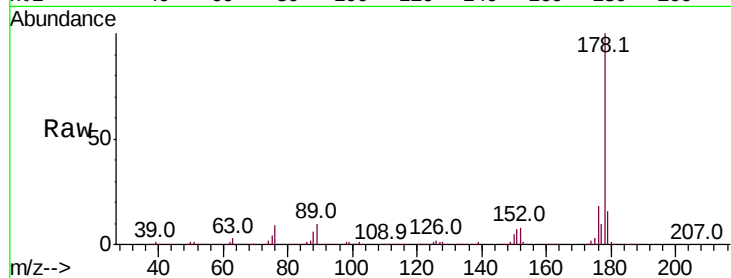




#71
 Anthracene
 Concen: 58.310 ng/ul
 RT: 17.17 min Scan# 2411
 Delta R.T. 0.00 min
 Lab File: BN002691.D
 Acq: 14 Sep 2018 16:26

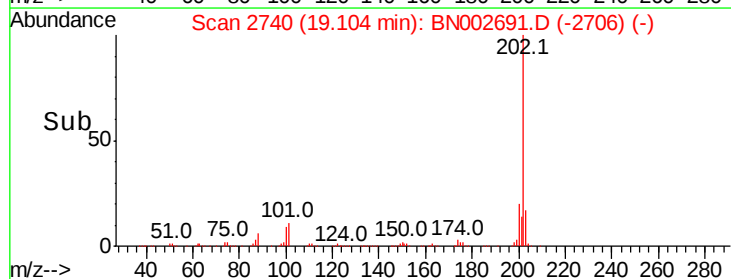
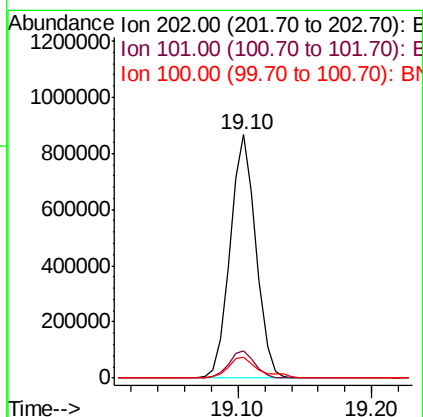
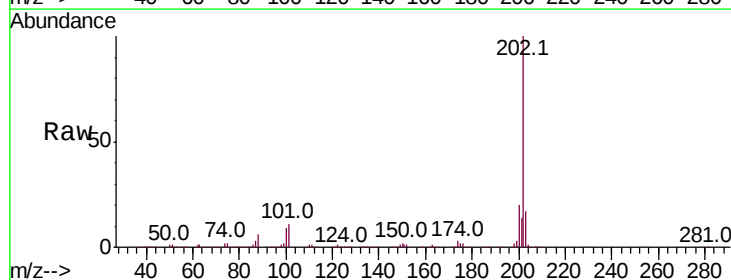
Instrument :
 BNA_N
 ClientSampleId :

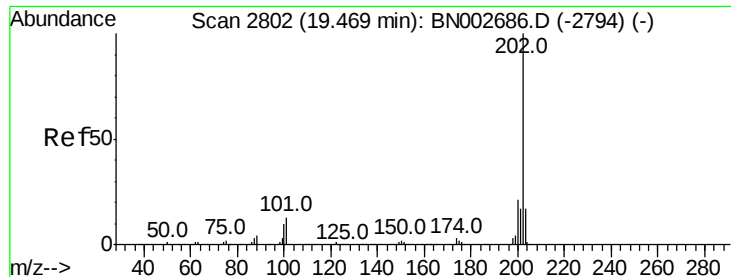
Tot Ion:178 Resp: 1806604
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.0 18.0
 176 18.4 15.0 22.4



#76
 Fluoranthene
 Concen: 35.749 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: BN002691.D
 Acq: 14 Sep 2018 16:26

Tgt Ion:202 Resp: 1165330
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.4 14.2
 100 8.8 7.0 10.6

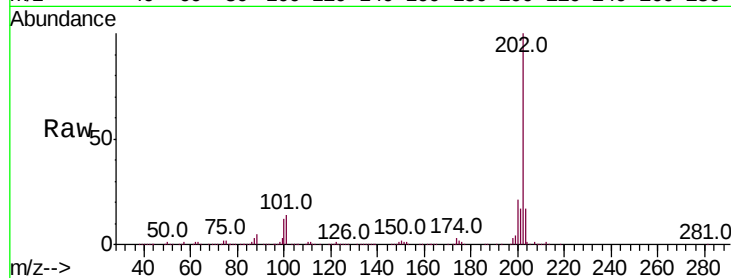




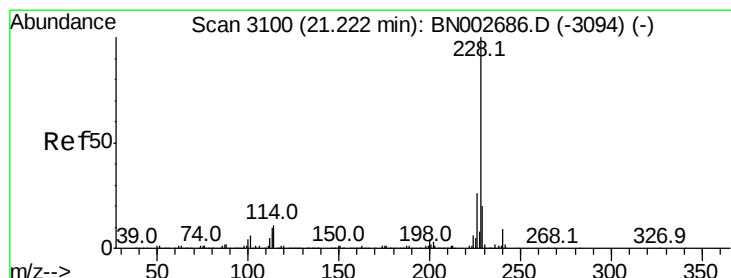
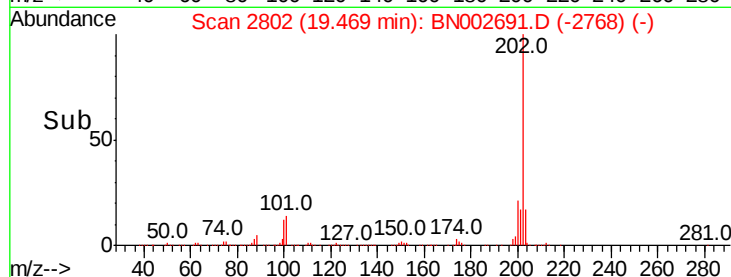
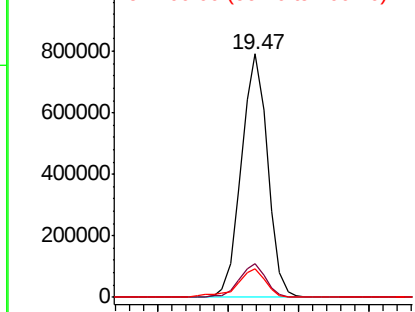
#79
Pvrene
Concen: 29.988 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. 0.00 min
Lab File: BN002691.D
Acq: 14 Sep 2018 16:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 1031151
Ion Ratio Lower Upper
202 100
101 13.7 10.8 16.2
100 11.7 8.2 12.2

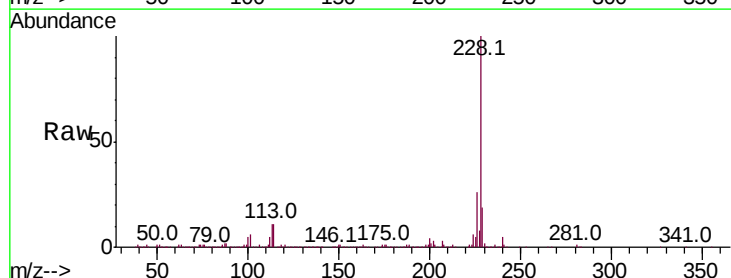


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

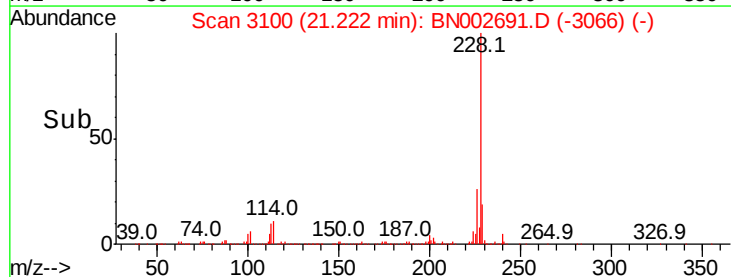
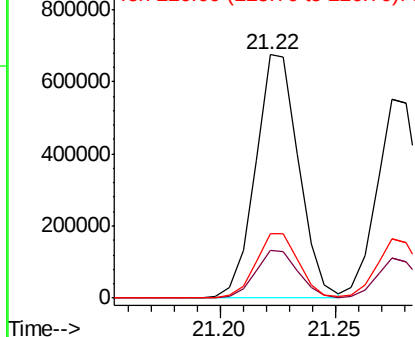


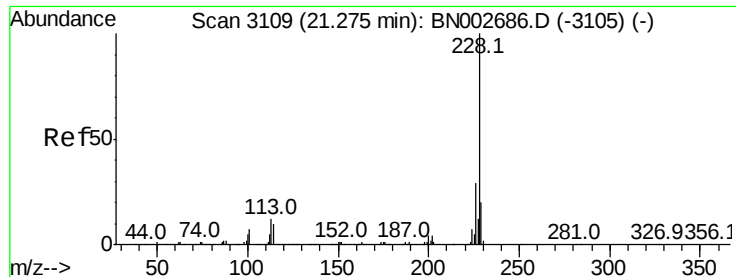
#82
Benzo(a)anthracene
Concen: 27.129 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BN002691.D
Acq: 14 Sep 2018 16:26

Tgt Ion:228 Resp: 877685
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 26.4 20.9 31.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 23.559 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

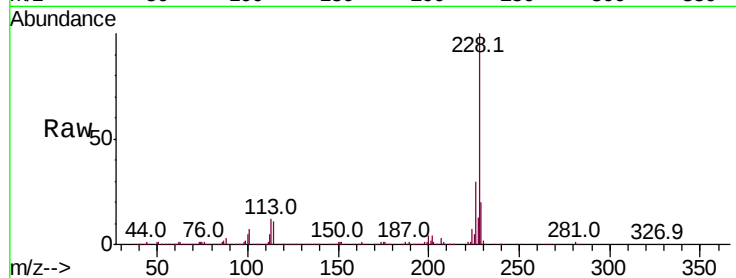
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 714395

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	19.9	15.7	23.5

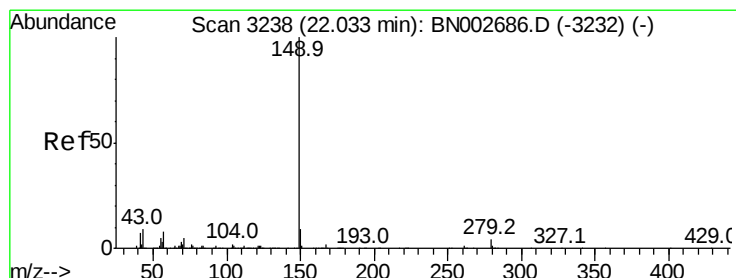
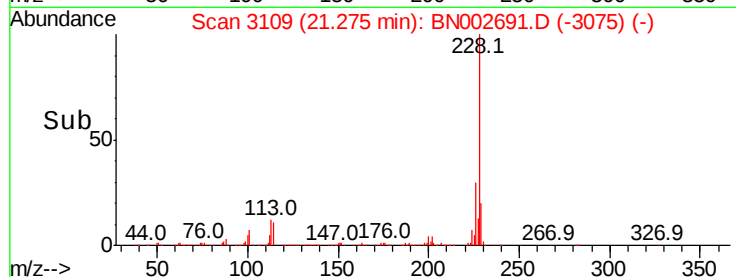
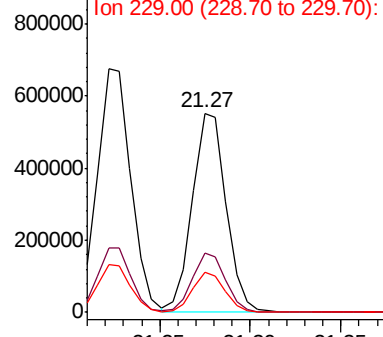


Abundance

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: 25.017 ng/ul

RT: 22.03 min Scan# 3238

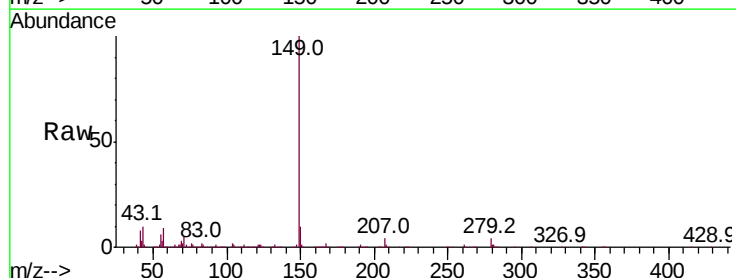
Delta R.T. 0.00 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

Tgt Ion:149 Resp: 882492

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.3	7.4	11.0

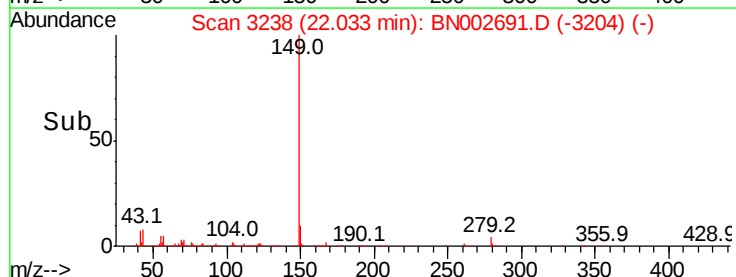
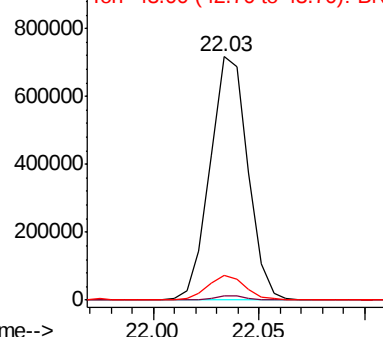


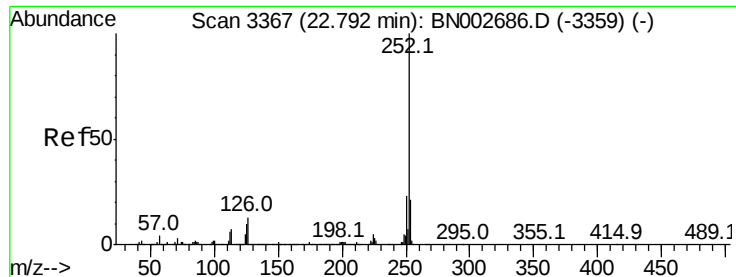
Abundance

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: 46.228 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

Instrument :

BNA_N

ClientSampled :

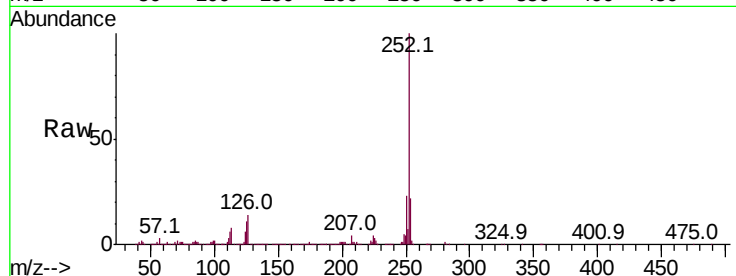
Tot Ion:252 Resp: 1506718

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

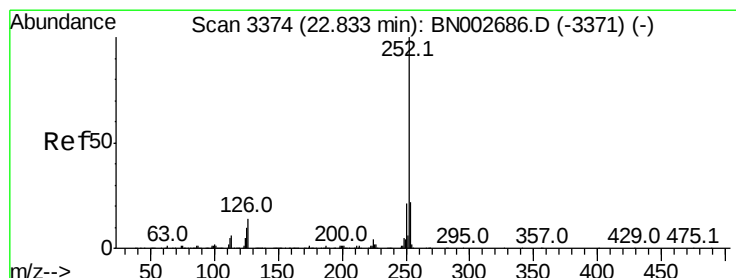
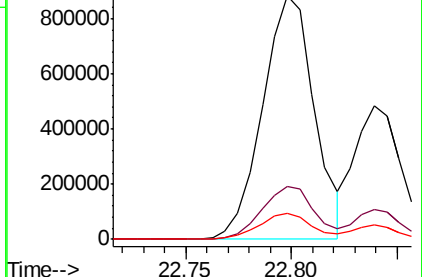
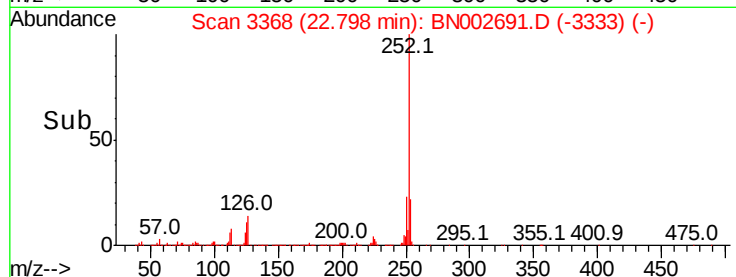
125 10.8 8.0 12.0



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



#88

Benzo(k)fluoranthene

Concen: 24.174 ng/ul

RT: 22.84 min Scan# 3375

Delta R.T. 0.01 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

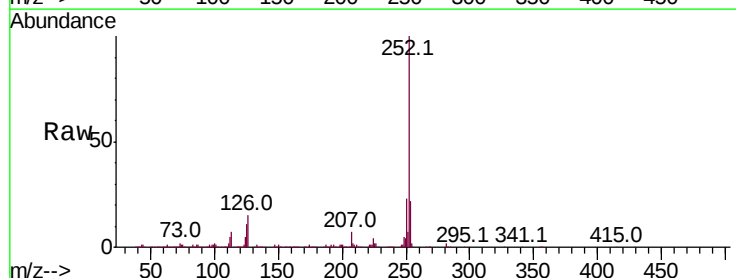
Tgt Ion:252 Resp: 735056

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

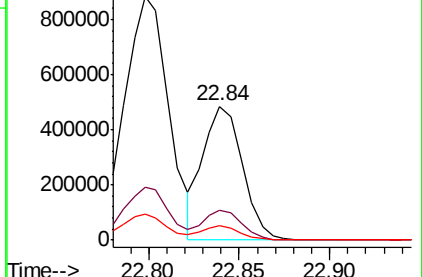
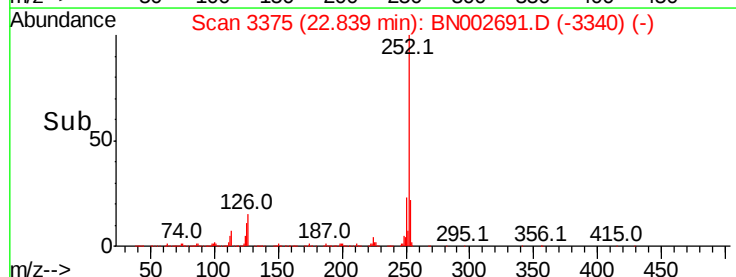
125 10.8 8.3 12.5

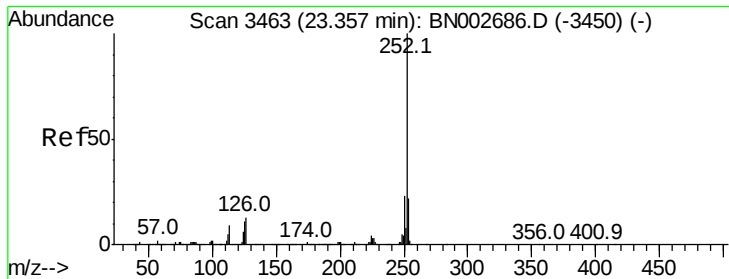


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 26.391 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. 0.01 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

Instrument :

BNA_N

ClientSampleId :

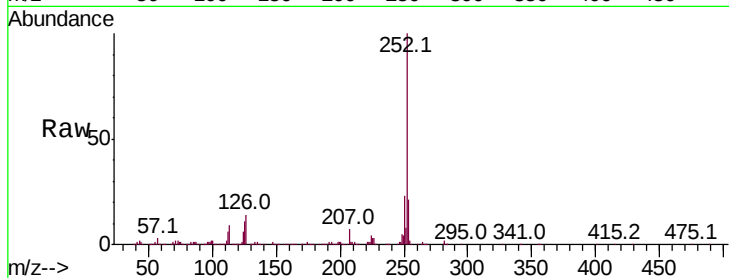
Tot Ion:252 Resp: 813176

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

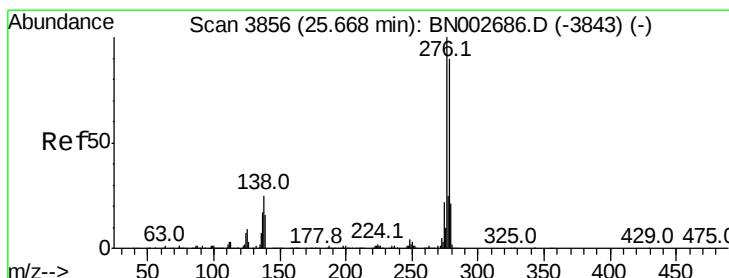
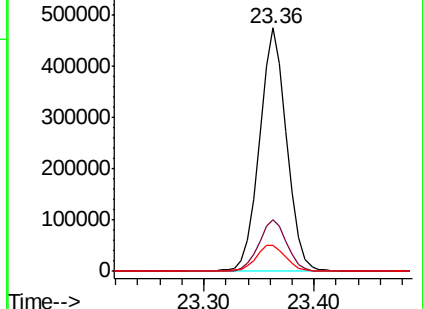
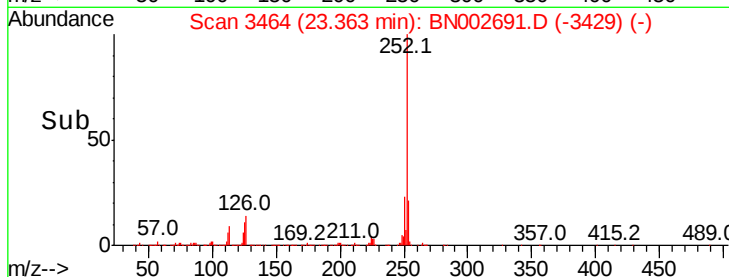
125 10.9 8.8 13.2



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 25.600 ng/ul

RT: 25.67 min Scan# 3857

Delta R.T. 0.01 min

Lab File: BN002691.D

Acq: 14 Sep 2018 16:26

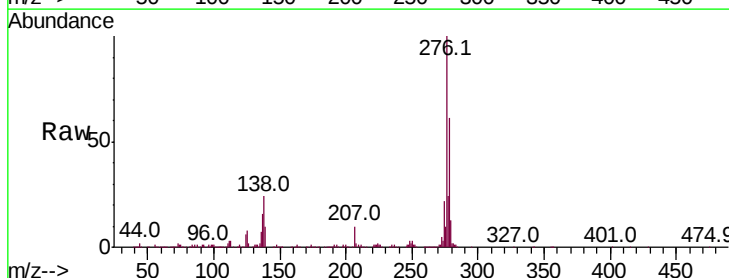
Tgt Ion:276 Resp: 933865

Ion Ratio Lower Upper

276 100

138 23.6 20.2 30.4

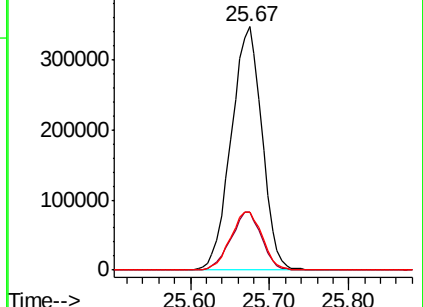
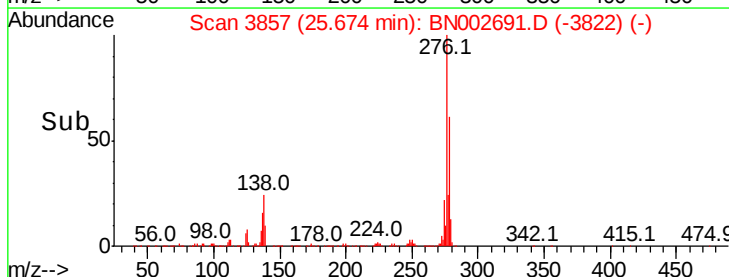
277 24.0 20.0 30.0

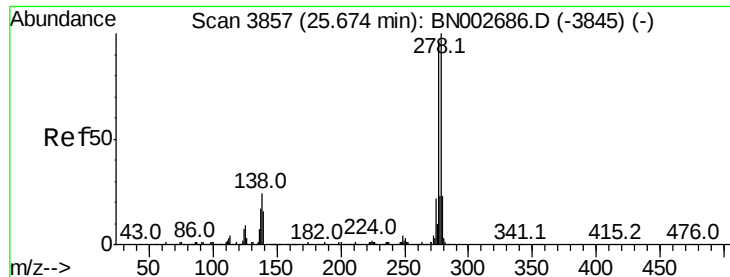


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



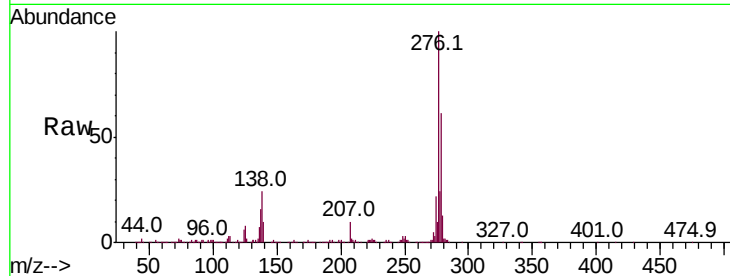


#92

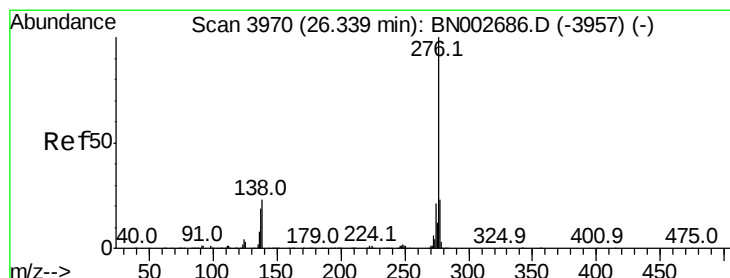
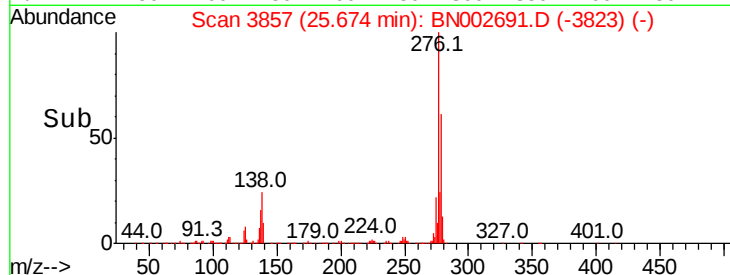
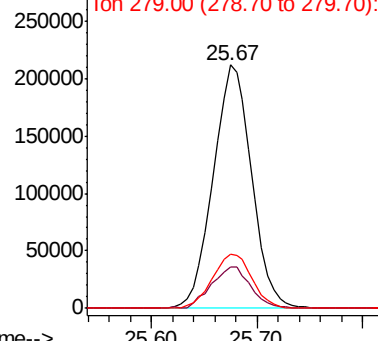
Dibenzo(a,h)anthracene
Concen: 17.431 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.00 min
Lab File: BN002691.D
Acq: 14 Sep 2018 16:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.7	19.1
279	22.0	18.7	28.1



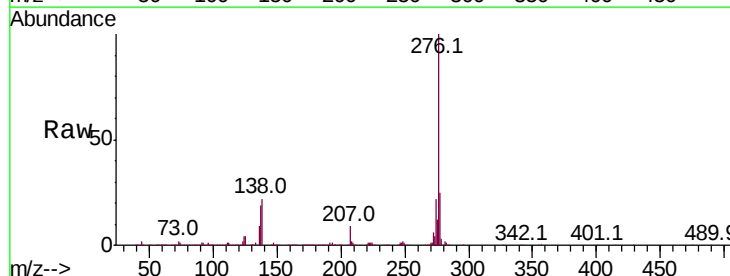
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene
Concen: 40.904 ng/ul
RT: 26.35 min Scan# 3972
Delta R.T. 0.01 min
Lab File: BN002691.D
Acq: 14 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.2	27.2
277	24.5	18.6	28.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

