

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
 Data File : BN001880.D
 Acq On : 20 Jun 2018 10:54
 Operator : JU/SJ
 Sample : J3568-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAXN4

Quant Time: Jun 20 12:20:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 19 14:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	495779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2256528	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1331438	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3010964	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	2823002	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2552275	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	47458	4.16	ng/uL	0.00
5) Phenol-d5	6.89	99	1292165	28.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	796415	28.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1019968	28.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	984213	27.38	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	507072	30.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	535905	30.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	1135132	30.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	826896	21.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	3839619	34.15	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4651206	33.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	649681	31.37	ng/ul	0.00
57) Fluorene-d10	15.34	176	3313498	33.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	454096	27.69	ng/ul	0.00
70) Anthracene-d10	17.19	188	5144724	35.36	ng/ul	0.00
76) Pyrene-d10	19.49	212	5555924	39.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	5150482	37.11	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.30	88	245945	20.912	ng/uL# 76
4) Benzaldehyde	6.86	77	1111313	40.571	ng/ul 92
6) Phenol	6.92	94	1727312	38.176	ng/ul 100
10) 2-Chlorophenol	7.28	128	884624	24.568	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.52	70	870631	30.584	ng/ul 93
20) Nitrobenzene	8.90	77	968229	23.538	ng/ul 92
23) 2-Nitrophenol	9.61	139	500420	26.480	ng/ul 91
27) 2,4-Dichlorophenol	10.14	162	992615	27.596	ng/ul 98
28) Naphthalene	10.54	128	2231834	18.639	ng/ul 98
31) Hexachlorobutadiene	10.83	225	621874	28.312	ng/ul 99
33) 4-Chloro-3-methylphenol	11.77	107	1864026	47.011	ng/ul 94
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	988800	22.865	ng/ul# 97
38) 2,4,6-Trichlorophenol	12.77	196	1195798	42.396	ng/ul 98
40) 1,1'-Biphenyl	13.17	154	3360499	30.386	ng/ul# 96
41) 2-Chloronaphthalene	13.21	162	1611408	18.666	ng/ul 98
44) Dimethylphthalate	13.81	163	2780572	25.162	ng/ul 99
45) 2,6-Dinitrotoluene	13.92	165	640728	30.707	ng/ul 98
49) Acenaphthene	14.41	153	2347246	25.255	ng/ul 97
52) 4-Nitrophenol	14.56	109	438815	28.491	ng/ul# 75
53) Dibenzofuran	14.75	168	2786404	20.898	ng/ul 97
55) 2,3,4,6-Tetrachlorophenol	14.97	232	712161	26.867	ng/ul# 84
59) 4-Chlorophenyl-phenylether	15.40	204	1050448	19.711	ng/ul 94
63) 4,6-Dinitro-2-methylphenol	15.47	198	805133	46.252	ng/ul# 99

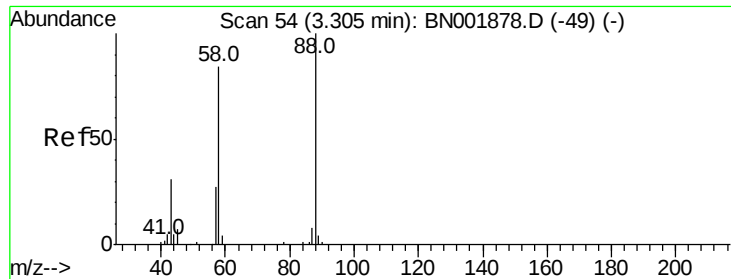
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) Hexachlorobenzene	16.40	284	868746	23.584	ng/ul#	93
68) Pentachlorophenol	16.74	266	1026709	50.403	ng/ul	97
69) Phenanthrene	17.13	178	3644602	21.488	ng/ul	100
71) Anthracene	17.23	178	4256793	24.794	ng/ul	98
72) Carbazole	17.49	167	3916797	27.234	ng/ul	98
73) Di-n-butylphthalate	18.07	149	4150820	22.856	ng/ul	99
74) Fluoranthene	19.16	202	8758946	49.128	ng/ul#	88
77) Pyrene	19.52	202	6402575	36.242	ng/ul#	88
78) Butylbenzylphthalate	20.44	149	1804174	23.933	ng/ul	96
80) Benzo(a)anthracene	21.28	228	7245832	40.613	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.23	149	3240840	28.829	ng/ul	99
82) Chrysene	21.33	228	4948954	29.812	ng/ul	99
85) Benzo(b)fluoranthene	22.86	252	5012794	31.097	ng/ul#	97
88) Benzo(a)pyrene	23.44	252	4250981	28.220	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.77	276	4916678	30.673	ng/ul#	88
90) Dibenzo(a,h)anthracene	25.79	278	3172632	23.782	ng/ul#	95

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



#2

1,4-Dioxane

Concen: 20.912 ng/uL

RT: 3.30 min Scan# 54

Delta R.T. 0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

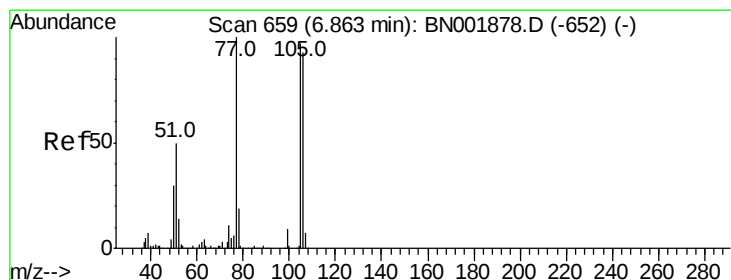
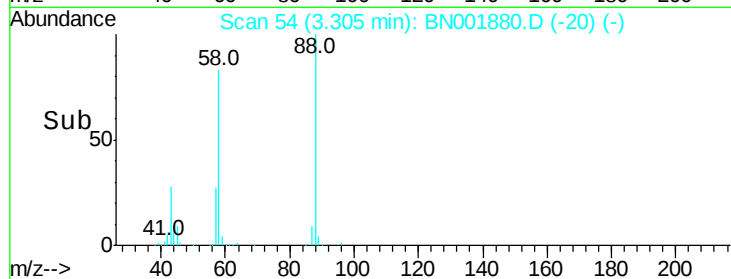
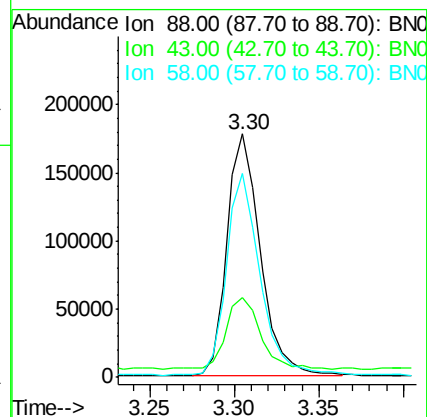
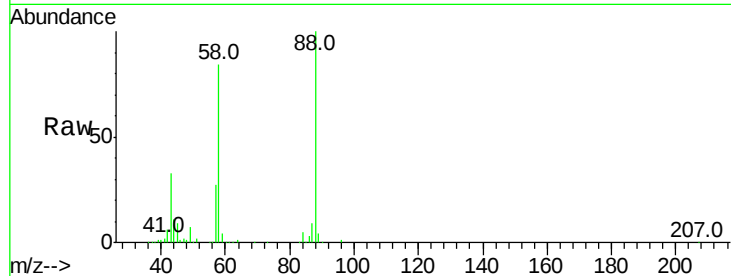
Tot Ion: 88 Resp: 245945

Ion Ratio Lower Upper

88 100

43 32.7 29.0 43.4

58 83.9 45.9 68.9#



#4

Benzaldehyde

Concen: 40.571 ng/uL

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

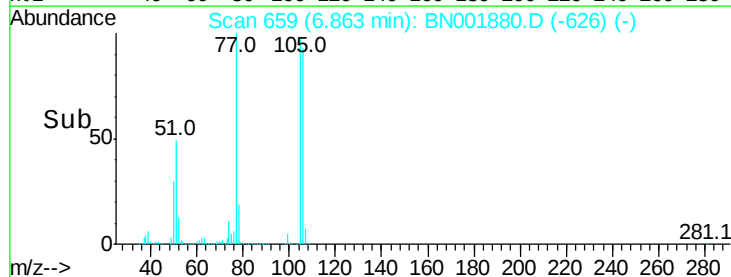
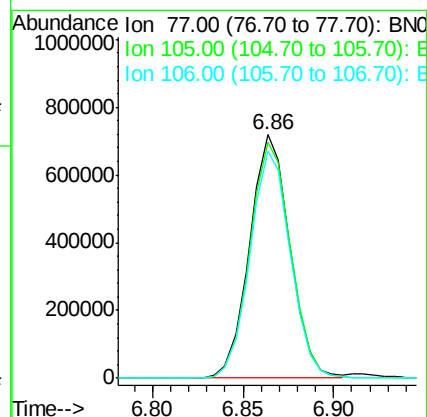
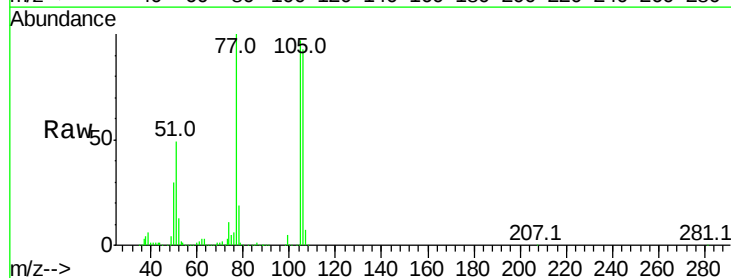
Tgt Ion: 77 Resp: 1111313

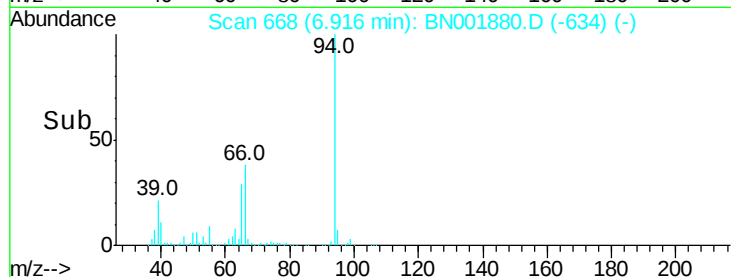
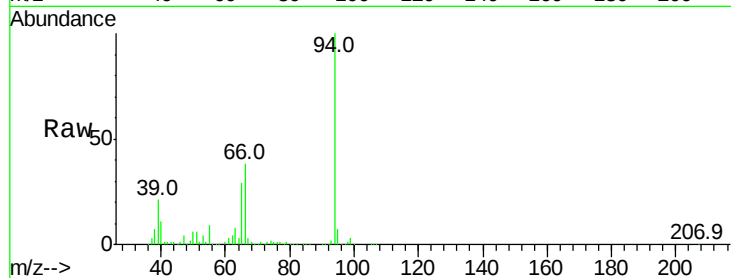
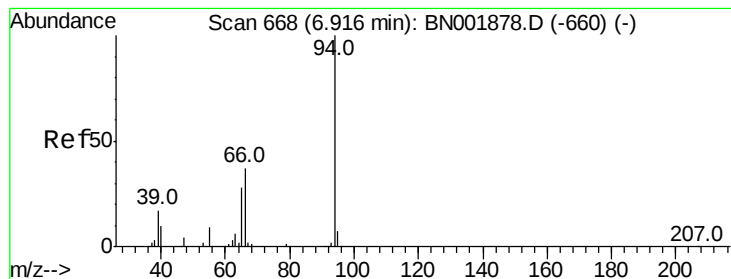
Ion Ratio Lower Upper

77 100

105 97.0 71.0 106.6

106 93.5 69.5 104.3





#6

Phenol

Concen: 38.176 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

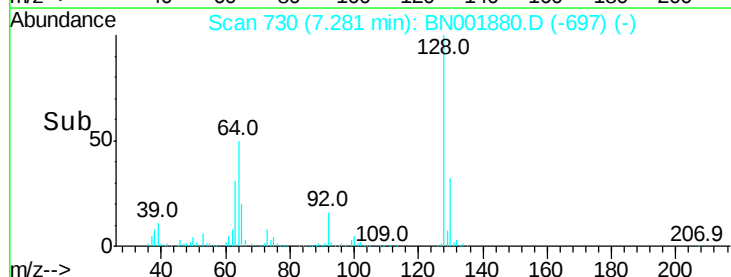
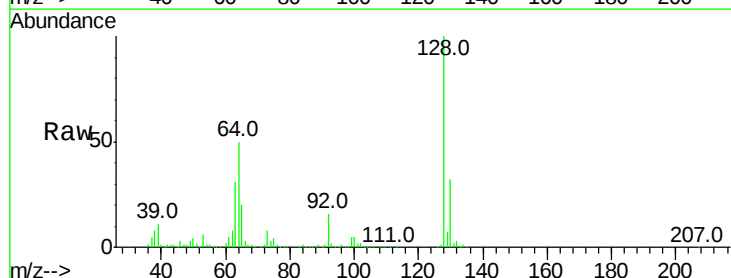
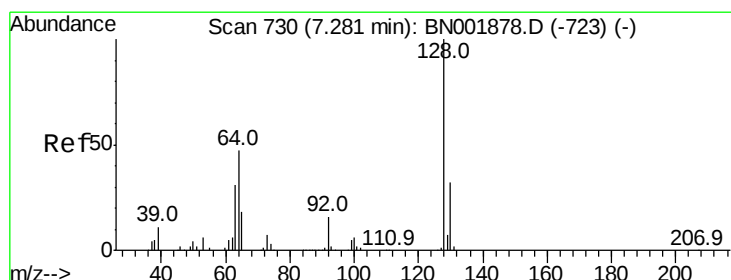
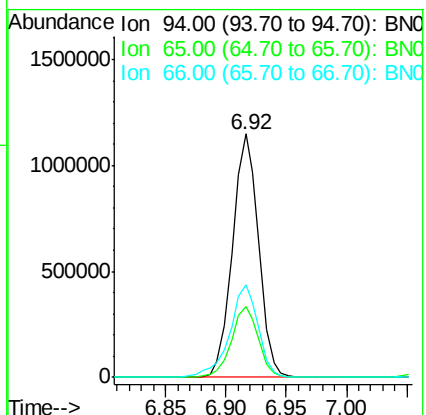
Tot Ion: 94 Resp: 1727312

Ion Ratio Lower Upper

94 100

65 29.0 23.0 34.6

66 38.0 30.4 45.6



#10

2-Chlorophenol

Concen: 24.568 ng/ul

RT: 7.28 min Scan# 730

Delta R.T. -0.01 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

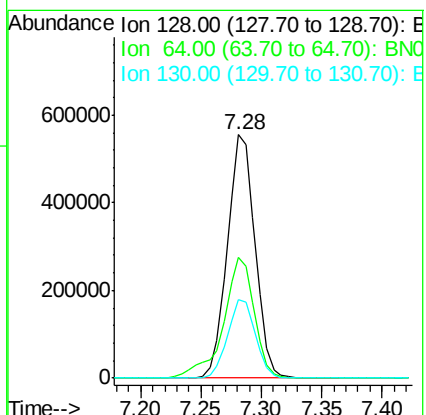
Tgt Ion:128 Resp: 884624

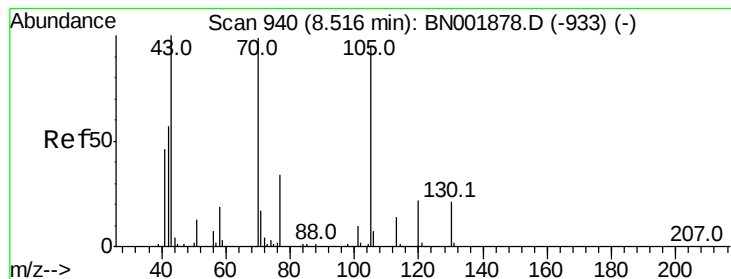
Ion Ratio Lower Upper

128 100

64 49.6 39.8 59.6

130 32.2 25.8 38.8





#15

N-Nitroso-di-n-propylamine

Concen: 30.584 ng/ul

RT: 8.52 min Scan# 940

Delta R.T. -0.01 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

Tot Ion: 70 Resp: 870631

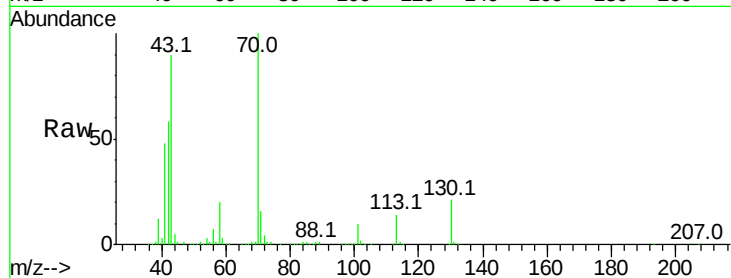
Ion Ratio Lower Upper

70 100

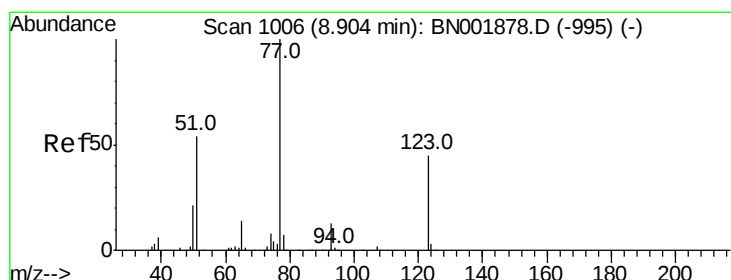
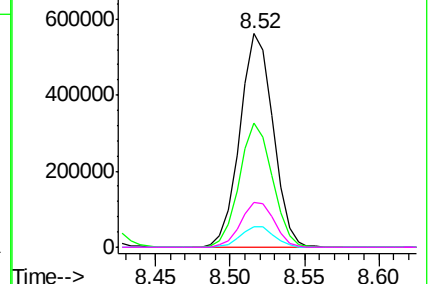
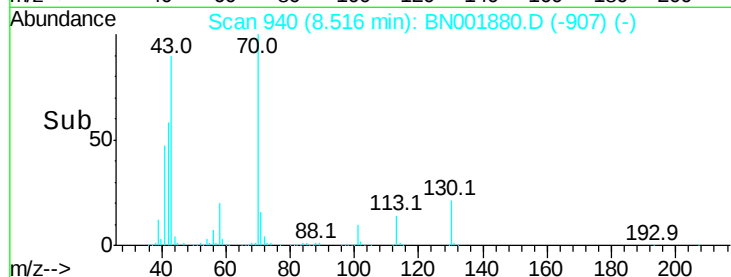
42 58.0 40.2 60.4

101 9.7 7.7 11.5

130 21.2 17.8 26.6



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): E
Ion 130.00 (129.70 to 130.70): E



#20

Nitrobenzene

Concen: 23.538 ng/ul

RT: 8.90 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

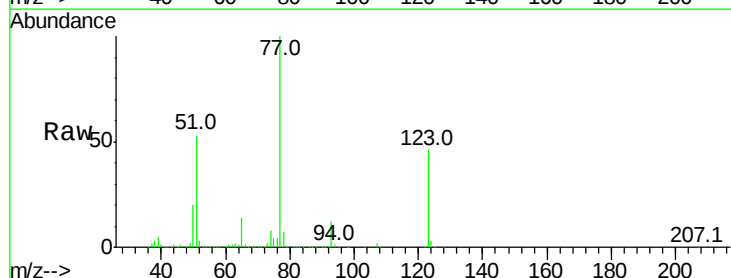
Tgt Ion: 77 Resp: 968229

Ion Ratio Lower Upper

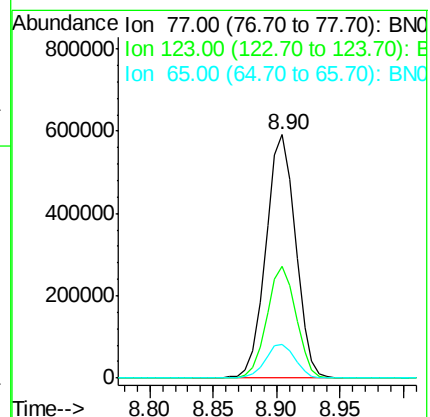
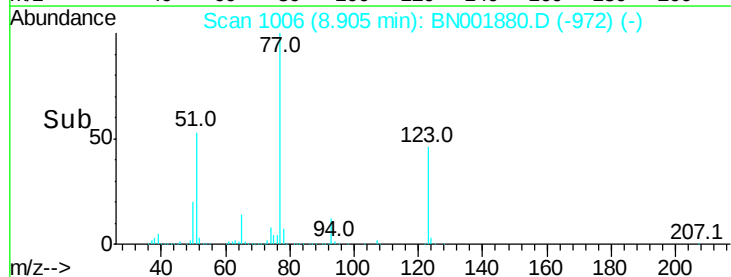
77 100

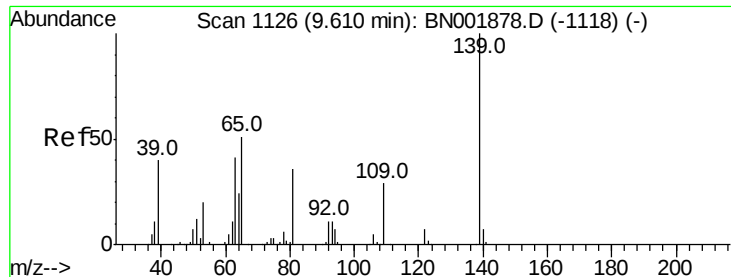
123 46.1 31.8 47.8

65 13.6 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BN0

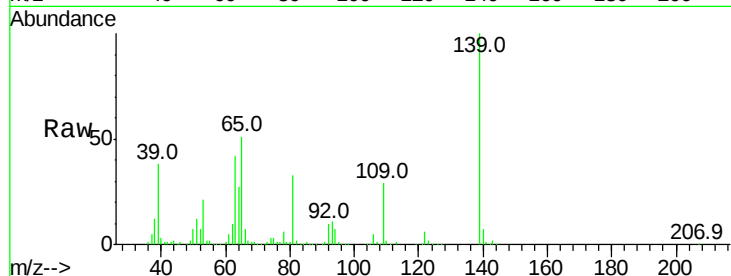




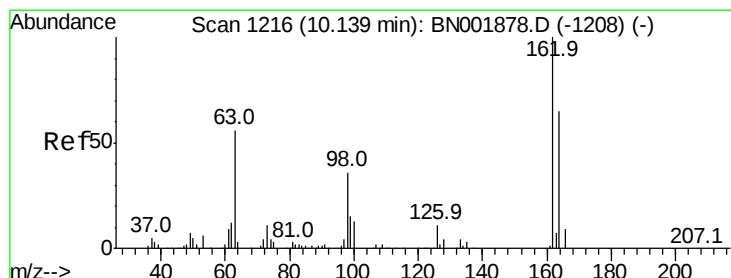
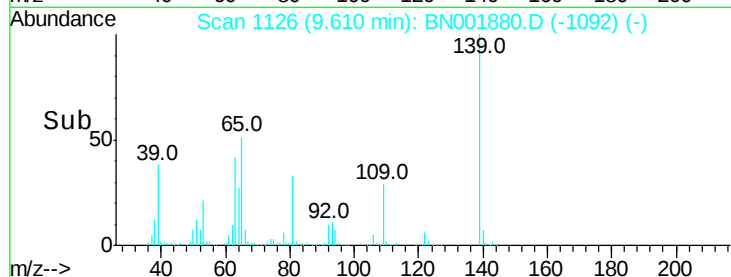
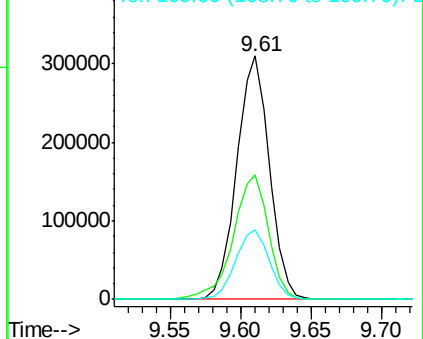
#23
2-Nitrophenol
Concen: 26.480 ng/ul
RT: 9.61 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BN001880.D
Acq: 20 Jun 2018 10:54

Instrument :
BNA_N
ClientSampleId :
DAXN4

Tot Ion	Ratio	Lower	Upper
139	100		
65	51.2	45.3	67.9
109	28.6	27.7	41.5

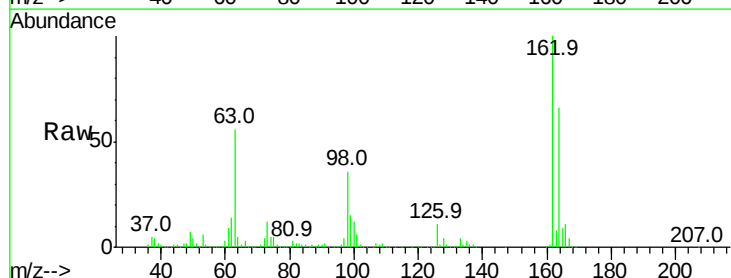


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO
Ion 109.00 (108.70 to 109.70): E

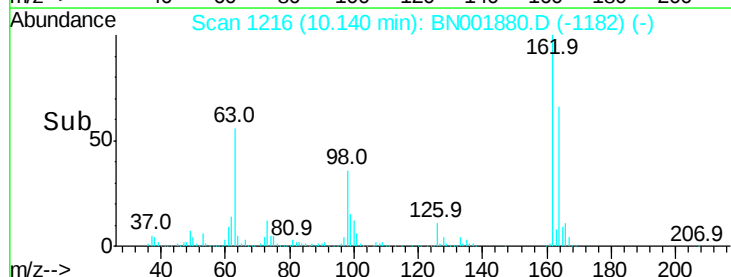
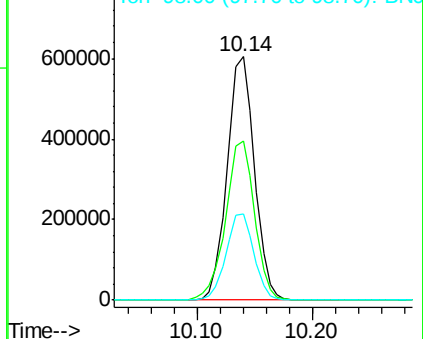


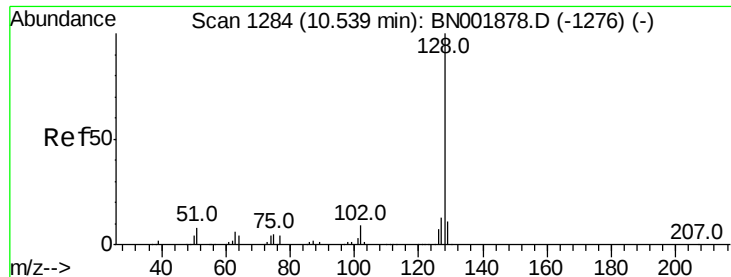
#27
2,4-Dichlorophenol
Concen: 27.596 ng/ul
RT: 10.14 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BN001880.D
Acq: 20 Jun 2018 10:54

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	52.0	78.0
98	35.6	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNO

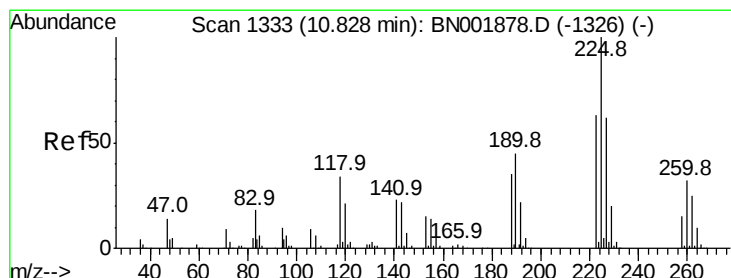
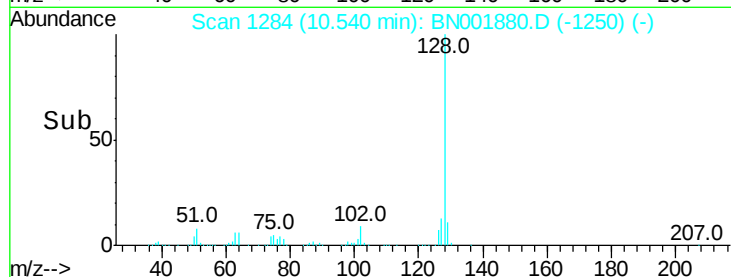
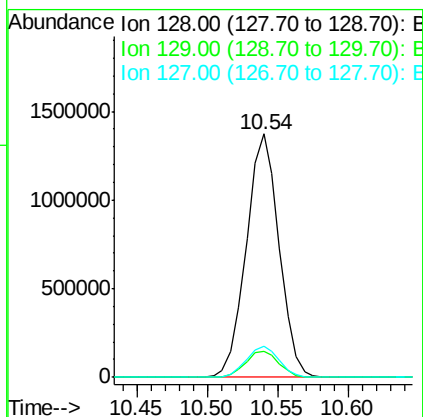
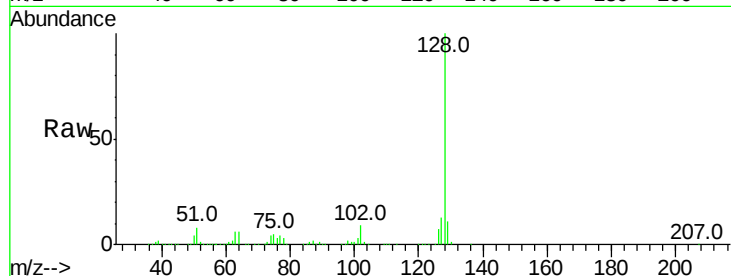




#28
Naphthalene
Concen: 18.639 ng/ul
RT: 10.54 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN001880.D
Acq: 20 Jun 2018 10:54

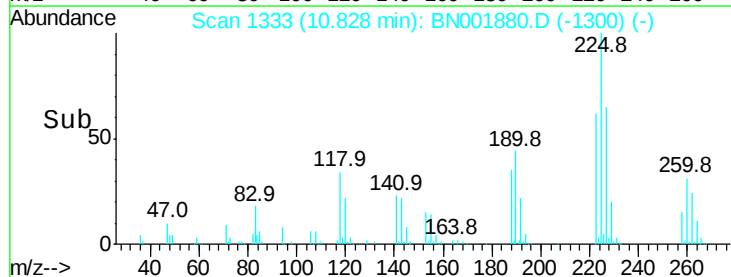
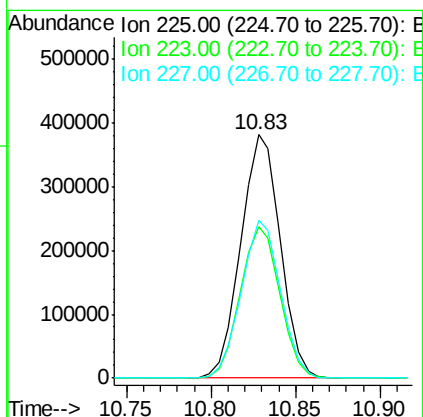
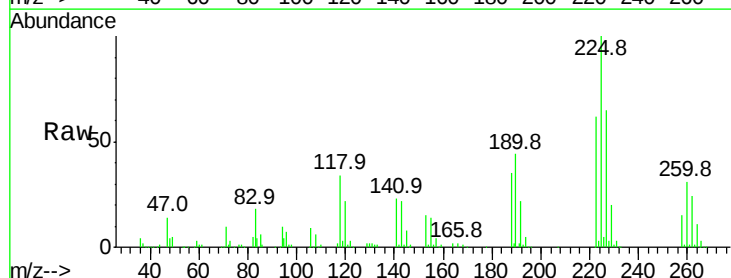
Instrument :
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DAXN4

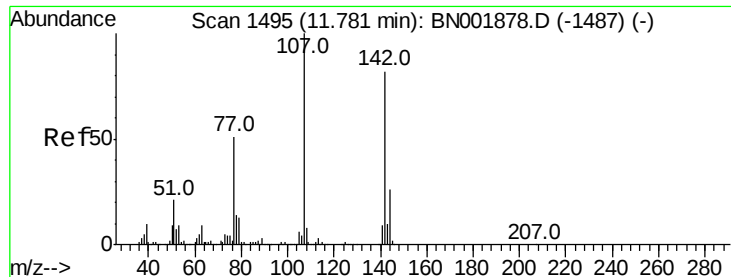
Tot Ion:128 Resp: 2231834
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 12.6 10.8 16.2



#31
Hexachlorobutadiene
Concen: 28.312 ng/ul
RT: 10.83 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN001880.D
Acq: 20 Jun 2018 10:54

Tgt Ion:225 Resp: 621874
Ion Ratio Lower Upper
225 100
223 62.1 48.1 72.1
227 65.0 52.1 78.1

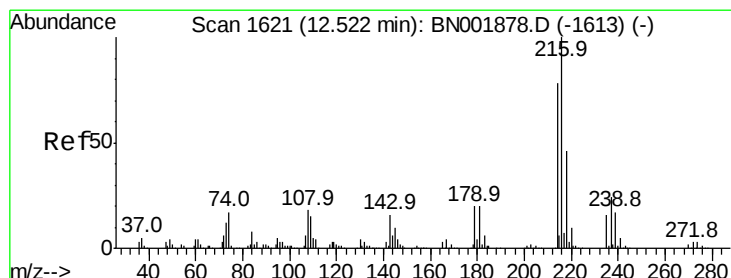
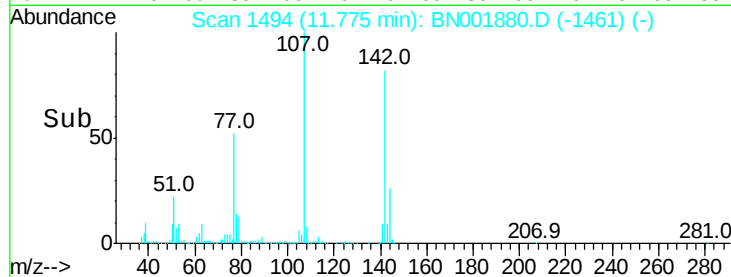
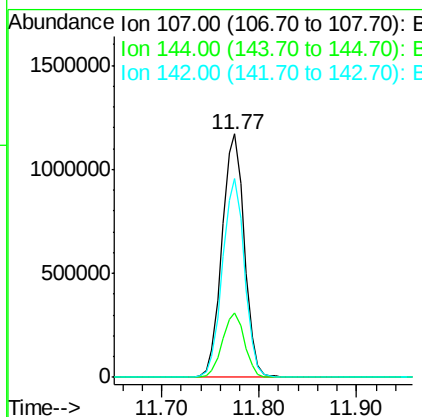
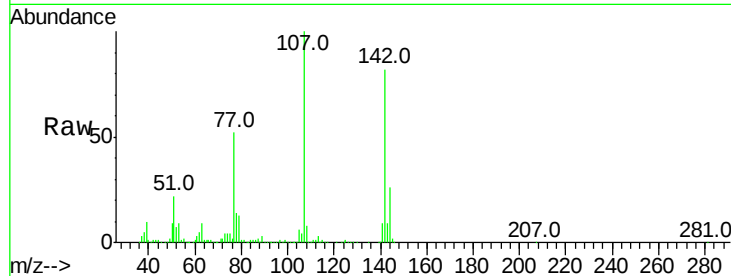




#33
4-Chloro-3-methylphenol
Concen: 47.011 ng/ul
RT: 11.77 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BN001880.D
Acq: 20 Jun 2018 10:54

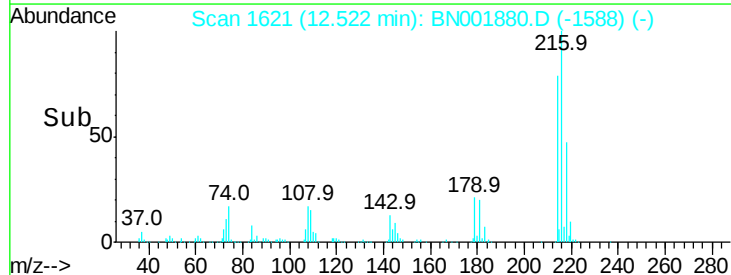
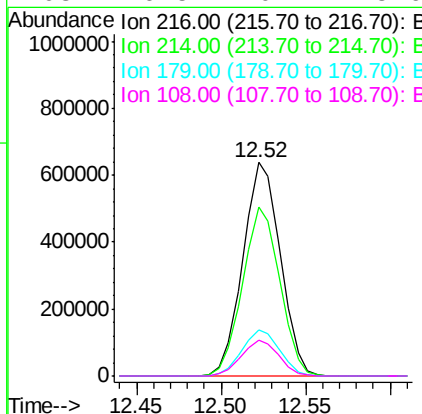
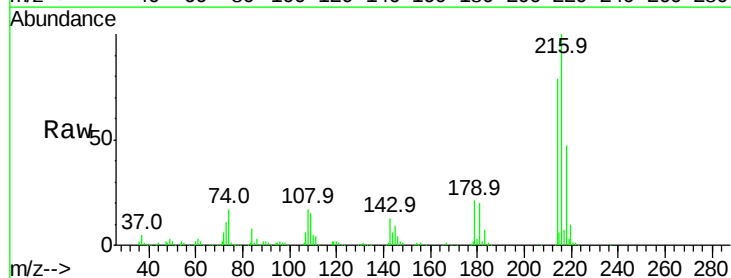
Instrument :
BNA_N
ClientSampleId :
DAXN4

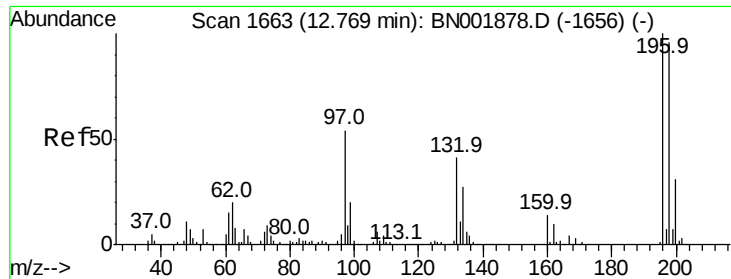
Tot Ion:107 Resp: 1864026
Ion Ratio Lower Upper
107 100
144 26.2 21.1 31.7
142 81.7 60.1 90.1



#36
1,2,4,5-Tetrachlorobenzene
Concen: 22.865 ng/ul
RT: 12.52 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BN001880.D
Acq: 20 Jun 2018 10:54

Tgt Ion:216 Resp: 988800
Ion Ratio Lower Upper
216 100
214 78.9 64.1 96.1
179 21.5 14.5 21.7
108 16.5 10.4 15.6#

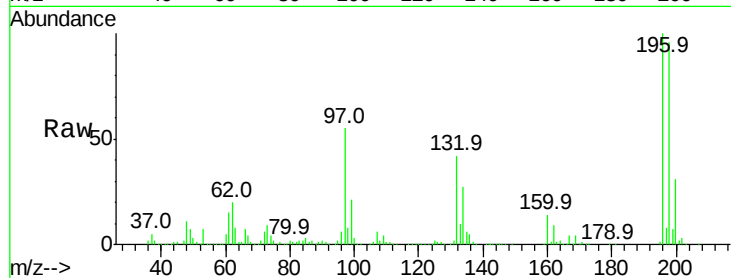




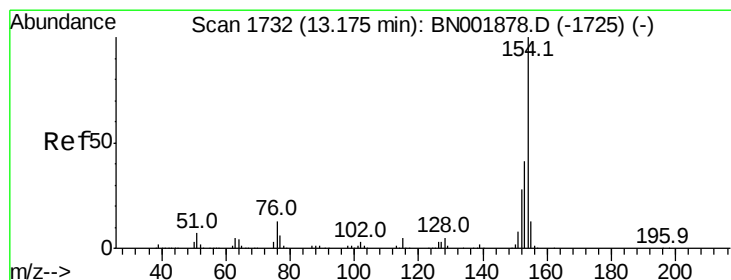
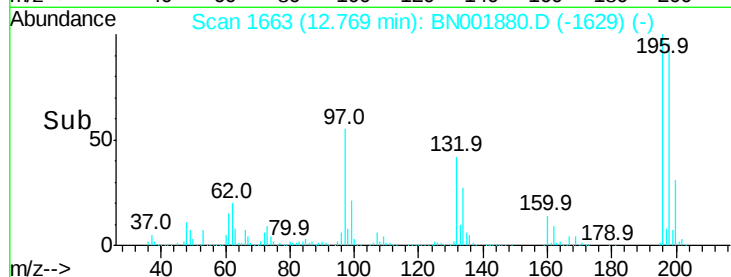
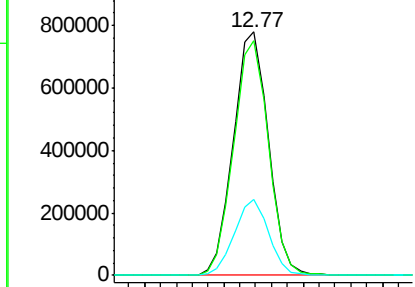
#38
 2,4,6-Trichlorophenol
 Concen: 42.396 ng/ul
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BN001880.D
 Acq: 20 Jun 2018 10:54

Instrument :
 BNA_N
 ClientSampled :
 DAXN4

Tot Ion:196 Resp: 1195798
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.9 113.9
 200 30.9 25.8 38.6

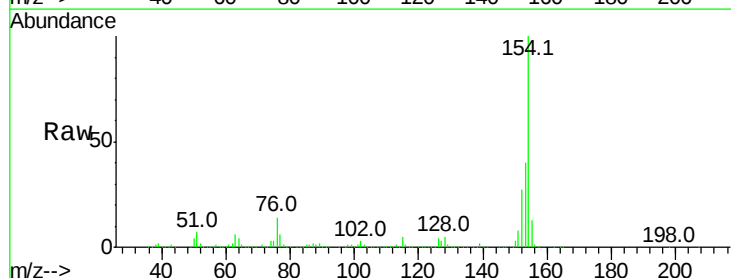


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

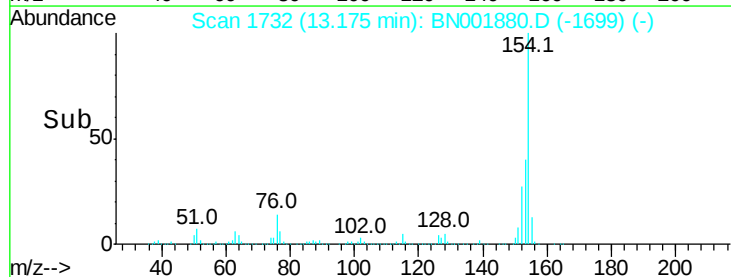
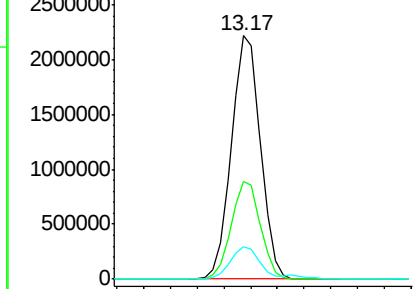


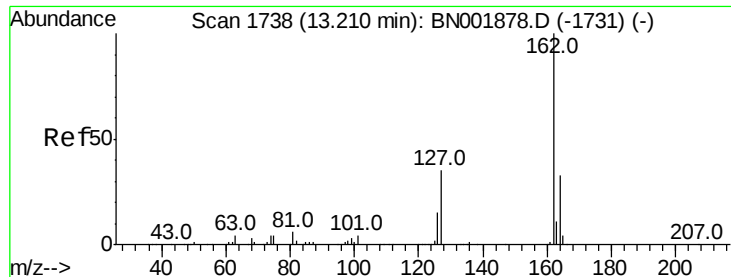
#40
 1,1'-Biphenyl
 Concen: 30.386 ng/ul
 RT: 13.17 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BN001880.D
 Acq: 20 Jun 2018 10:54

Tgt Ion:154 Resp: 3360499
 Ion Ratio Lower Upper
 154 100
 153 40.2 34.0 51.0
 76 13.6 8.4 12.6#



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

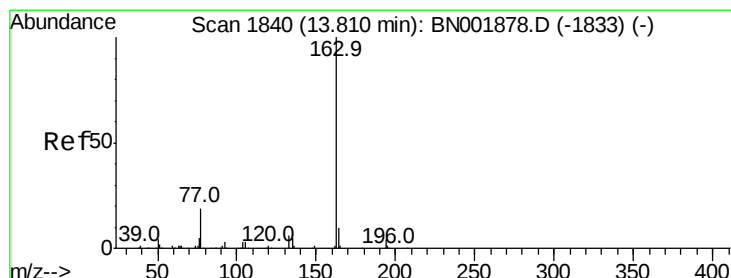
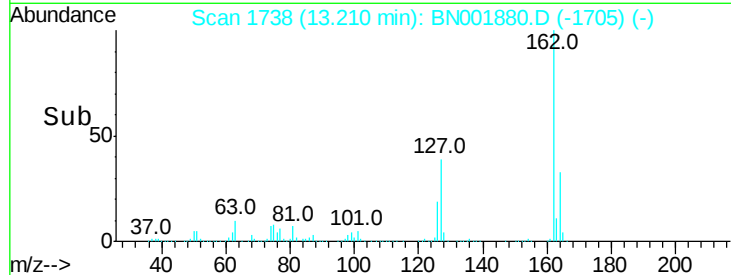
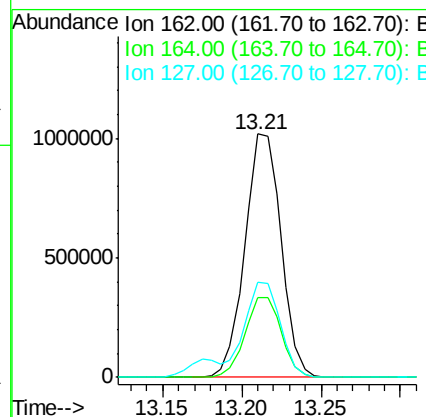
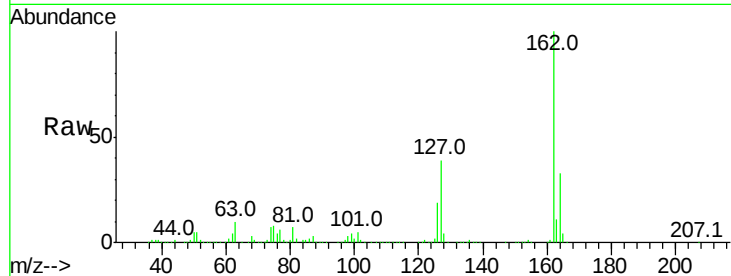




#41
 2-Chloronaphthalene
 Concen: 18.666 ng/ul
 RT: 13.21 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BN001880.D
 Acq: 20 Jun 2018 10:54

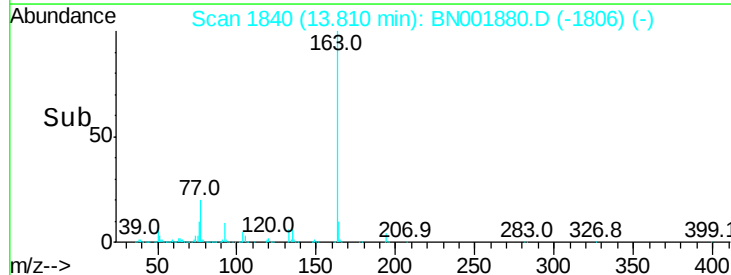
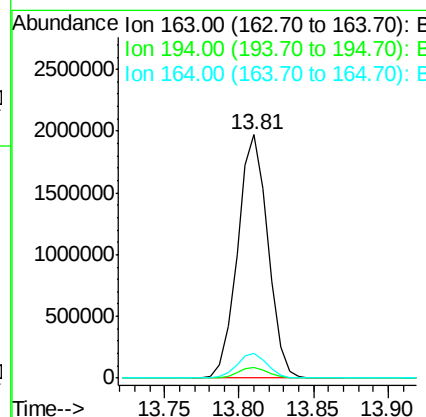
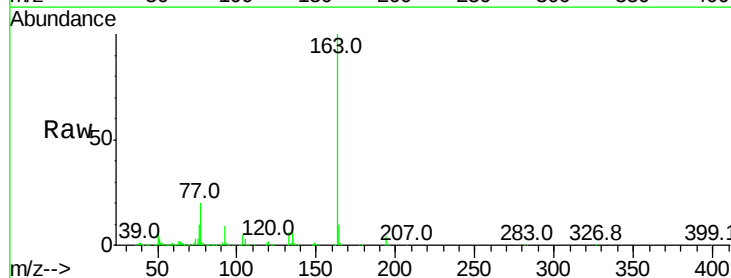
Instrument :
 BNA_N
 ClientSampleId :
 DAXN4

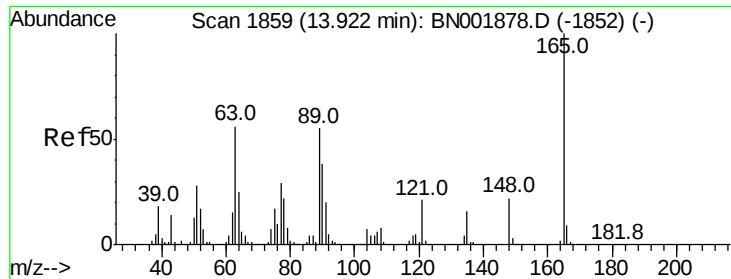
Tot Ion:162 Resp: 1611408
 Ion Ratio Lower Upper
 162 100
 164 33.0 26.2 39.4
 127 39.0 29.5 44.3



#44
 Dimethylphthalate
 Concen: 25.162 ng/ul
 RT: 13.81 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BN001880.D
 Acq: 20 Jun 2018 10:54

Tgt Ion:163 Resp: 2780572
 Ion Ratio Lower Upper
 163 100
 194 4.4 4.0 6.0
 164 10.2 8.4 12.6

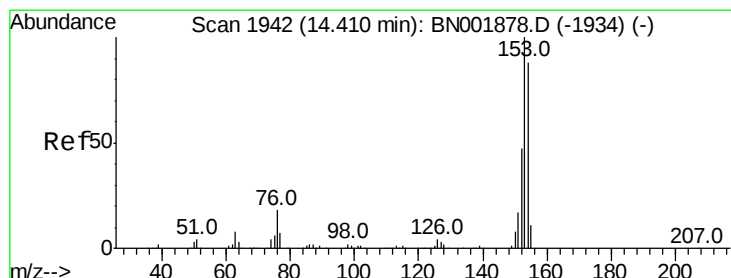
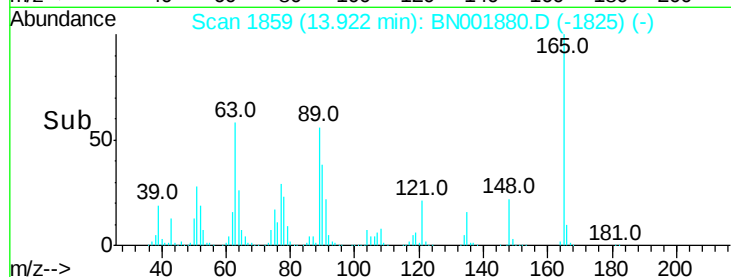
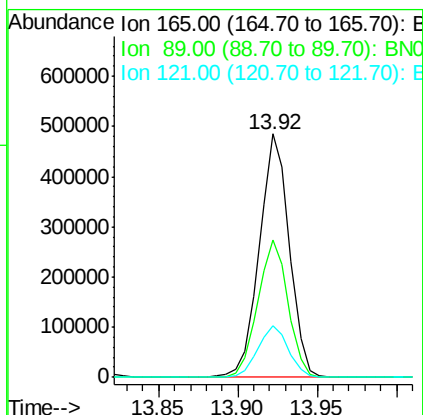
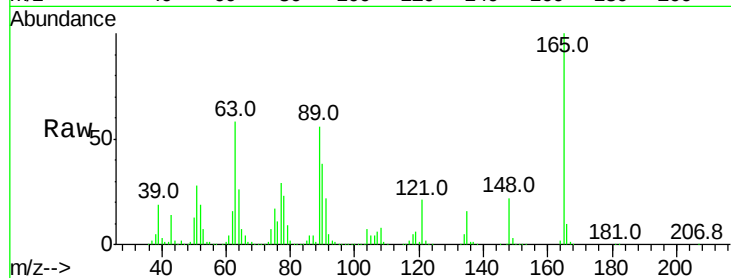




#45
 2,6-Dinitrotoluene
 Concen: 30.707 ng/ul
 RT: 13.92 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: BN001880.D
 Acq: 20 Jun 2018 10:54

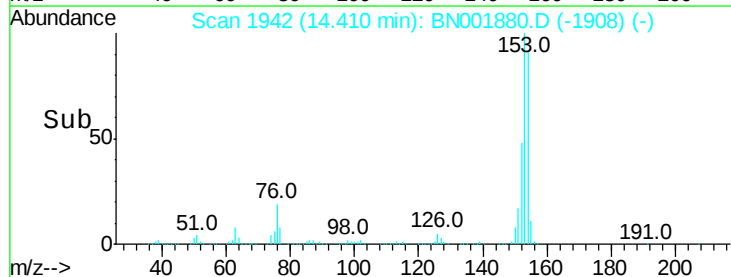
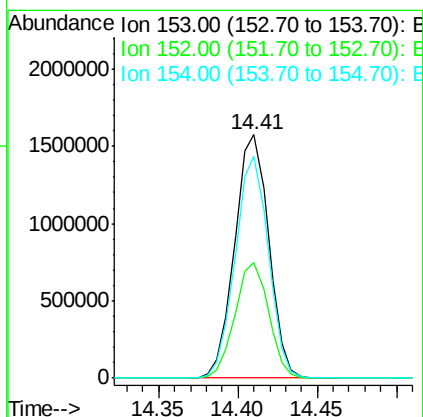
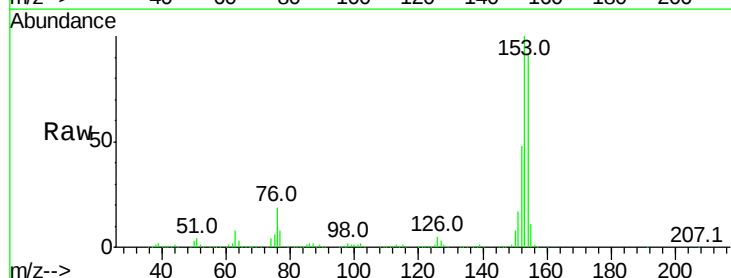
Instrument :
 BNA_N
 ClientSampleId :
 DAXN4

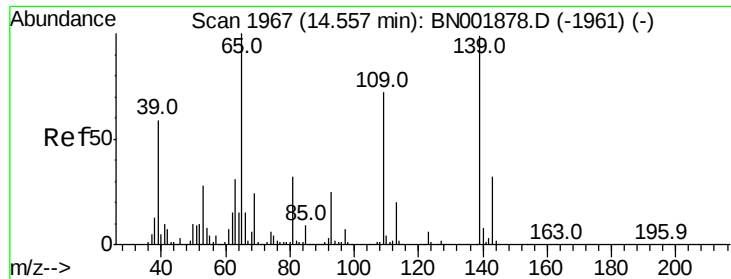
Tot Ion	Ratio	Lower	Upper
165	100		
89	56.4	43.8	65.8
121	21.3	17.8	26.6



#49
 Acenaphthene
 Concen: 25.255 ng/ul
 RT: 14.41 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: BN001880.D
 Acq: 20 Jun 2018 10:54

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.9	56.9
154	90.9	69.8	104.6





#52

4-Nitrophenol

Concen: 28.491 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

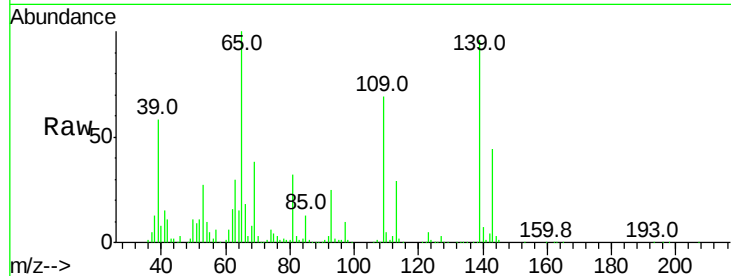
Tot Ion:109 Resp: 438815

Ion Ratio Lower Upper

109 100

139 139.2 91.2 136.8#

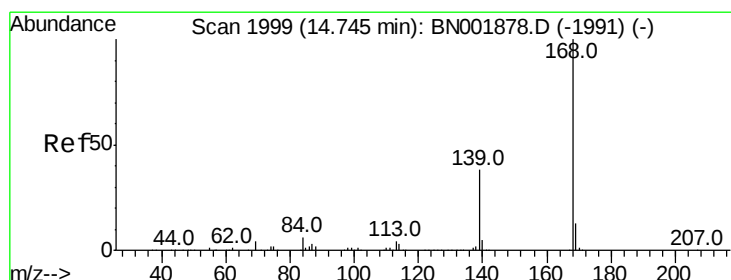
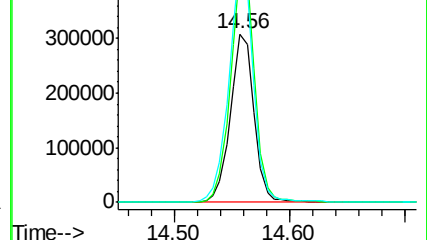
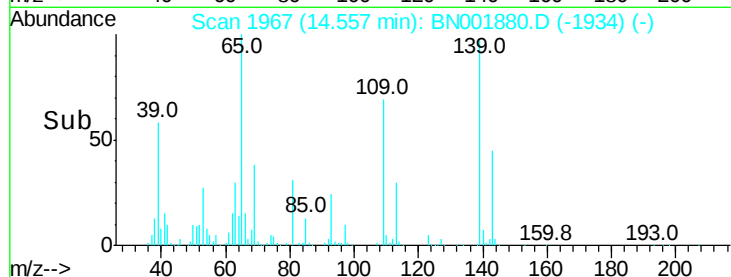
65 144.3 92.6 139.0#



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: 20.898 ng/ul

RT: 14.75 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BN001880.D

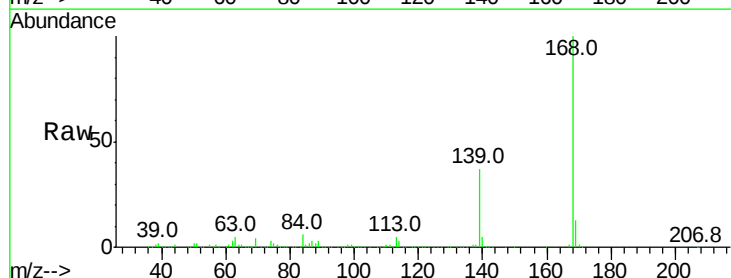
Acq: 20 Jun 2018 10:54

Tgt Ion:168 Resp: 2786404

Ion Ratio Lower Upper

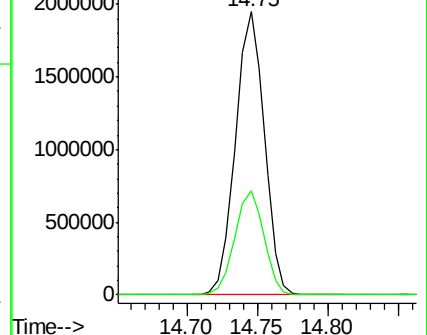
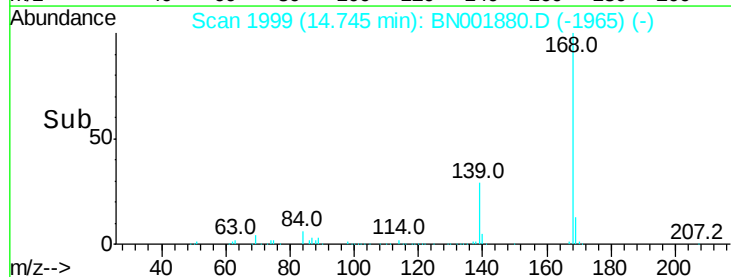
168 100

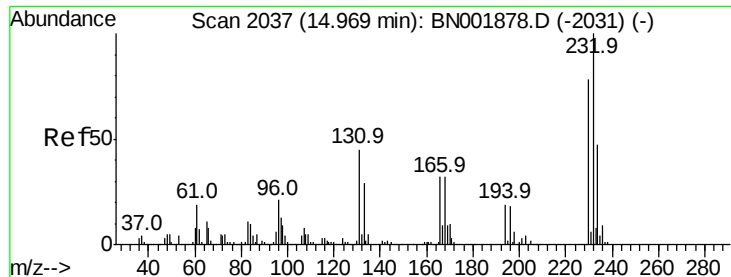
139 36.8 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#55

2,3,4,6-Tetrachlorophenol

Concen: 26.867 ng/ul

RT: 14.97 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

Tot Ion:232 Resp: 712161

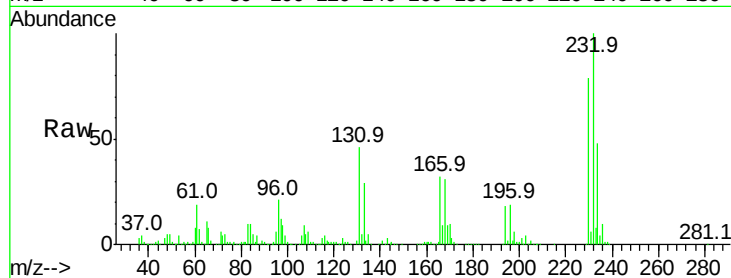
Ion Ratio Lower Upper

232 100

131 45.7 48.0 72.0#

130 2.4 4.0 6.0#

166 31.9 32.0 48.0#

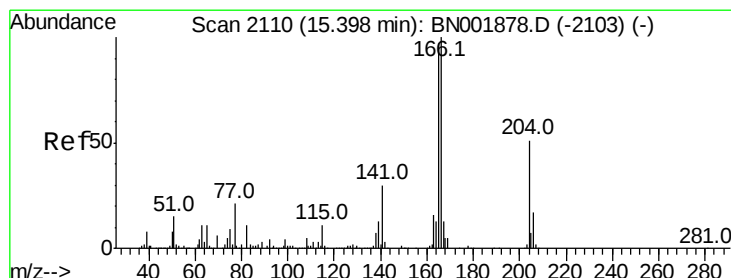
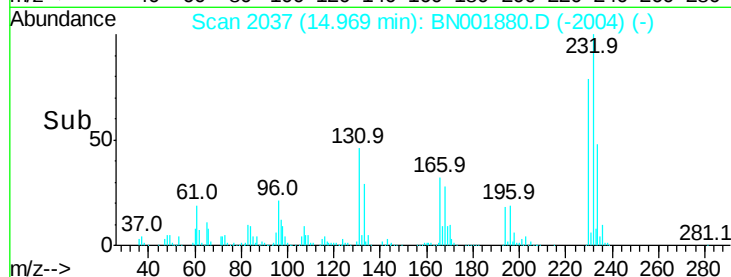
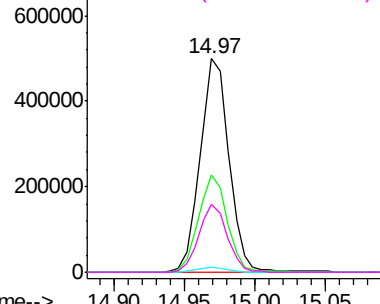


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

4-Chlorophenyl-phenylether

Concen: 19.711 ng/ul

RT: 15.40 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

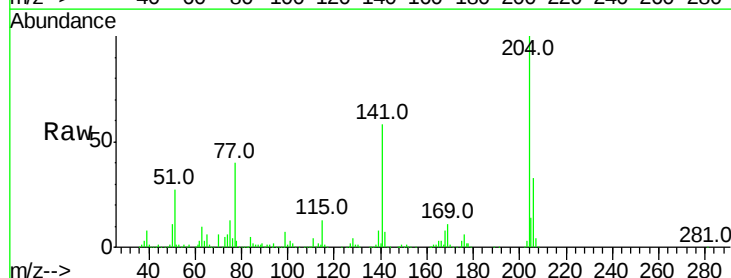
Tgt Ion:204 Resp: 1050448

Ion Ratio Lower Upper

204 100

206 32.8 26.6 40.0

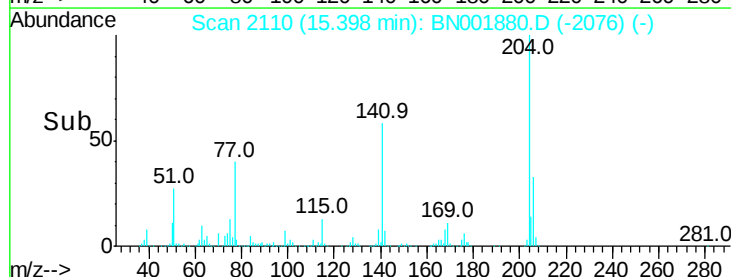
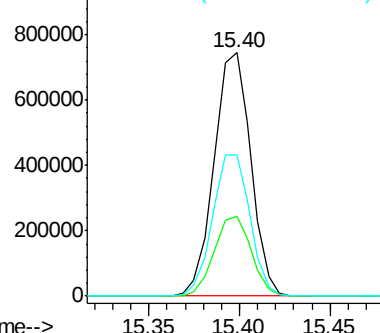
141 57.9 40.7 61.1

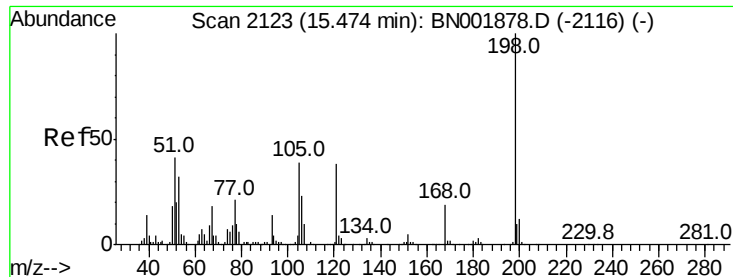


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

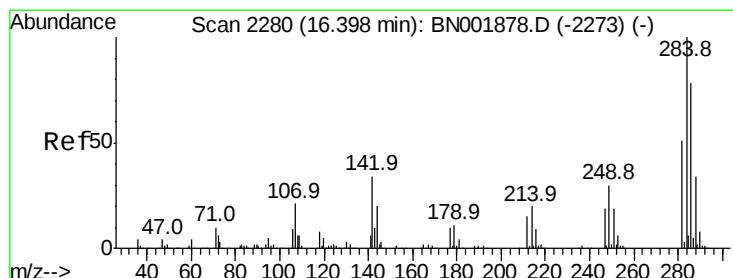
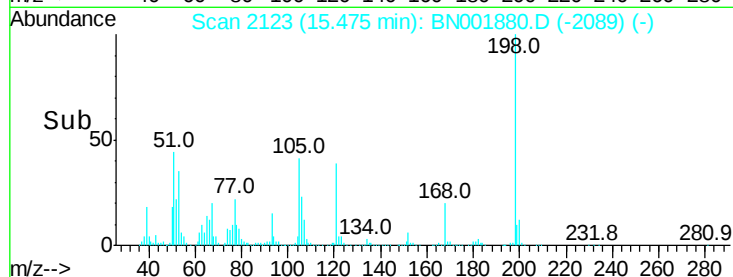
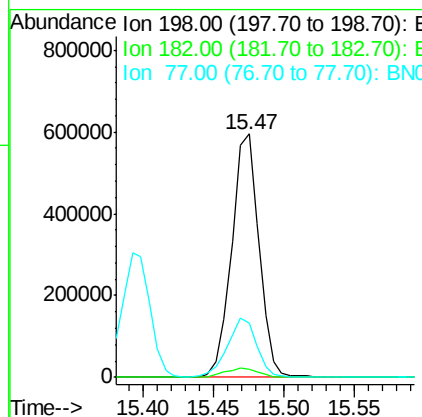
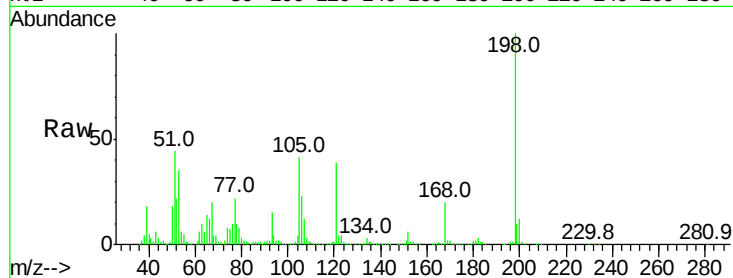




#63
 4,6-Dinitro-2-methylphenol
 Concen: 46.252 ng/ul
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BN001880.D
 Acq: 20 Jun 2018 10:54

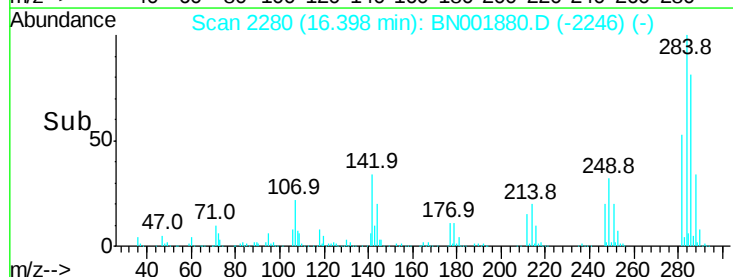
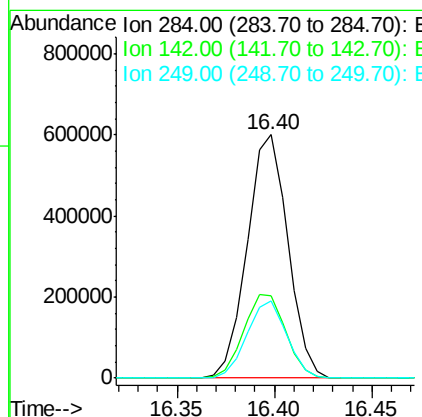
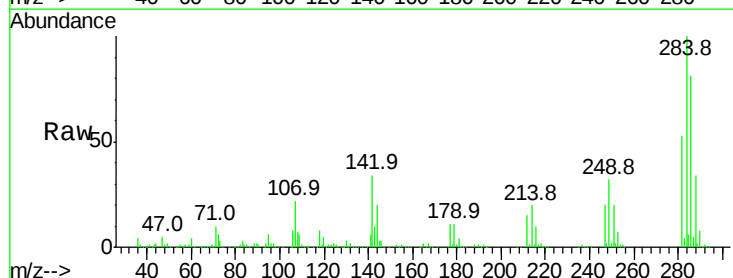
Instrument :
 BNA_N
 ClientSampleId :
 DAXN4

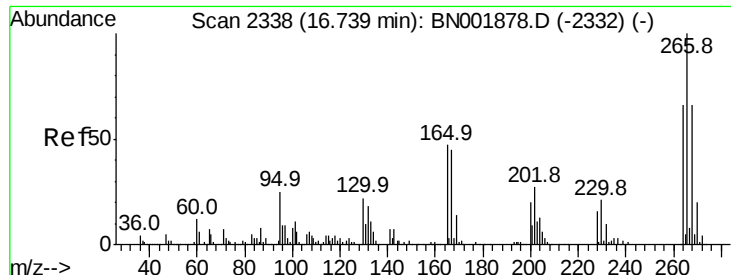
Tot Ion:198 Resp: 805133
 Ion Ratio Lower Upper
 198 100
 182 3.5 3.5 5.3#
 77 22.3 18.2 27.4



#66
 Hexachlorobenzene
 Concen: 23.584 ng/ul
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BN001880.D
 Acq: 20 Jun 2018 10:54

Tgt Ion:284 Resp: 868746
 Ion Ratio Lower Upper
 284 100
 142 33.8 21.3 31.9#
 249 31.9 26.3 39.5

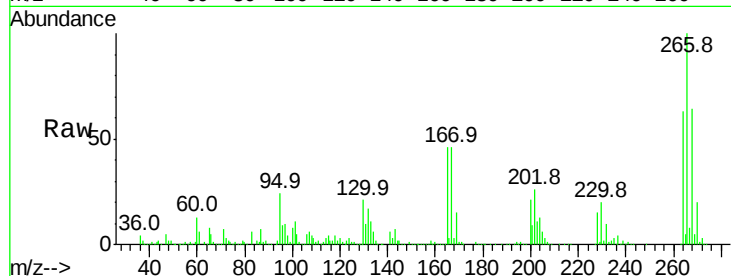




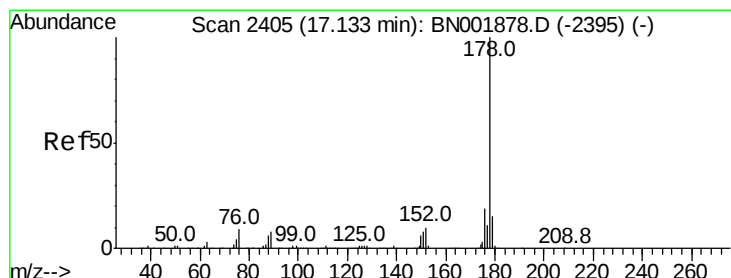
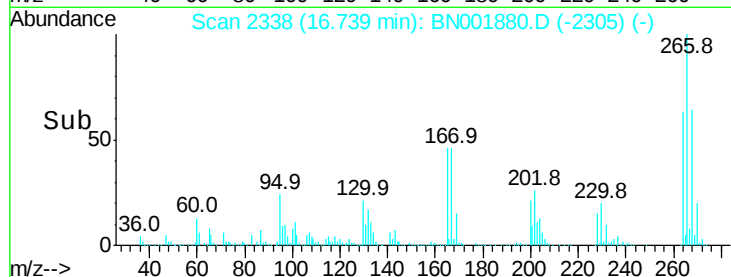
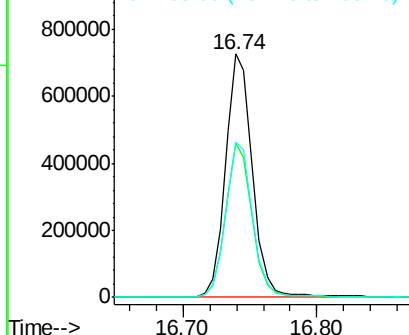
#68
 Pentachlorophenol
 Concen: 50.403 ng/ul
 RT: 16.74 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BN001880.D
 Acq: 20 Jun 2018 10:54

Instrument :
 BNA_N
 ClientSampled :
 DAXN4

Tot Ion:266 Resp: 1026709
 Ion Ratio Lower Upper
 266 100
 264 63.4 48.2 72.4
 268 63.6 52.3 78.5

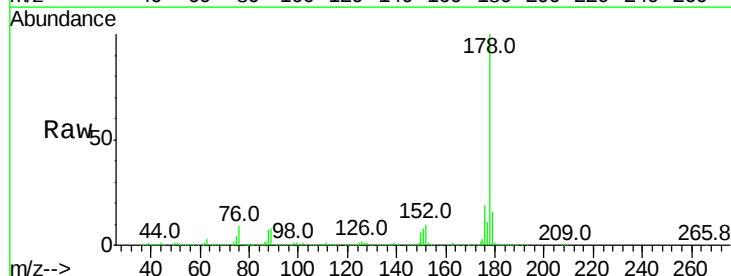


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

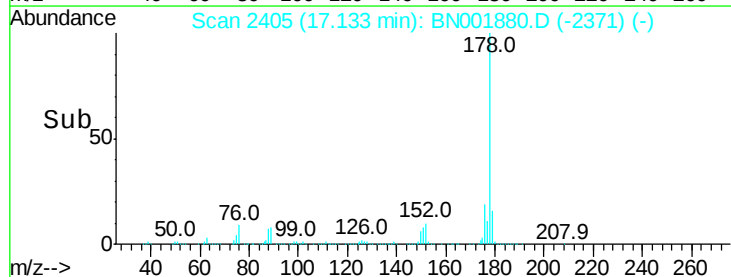
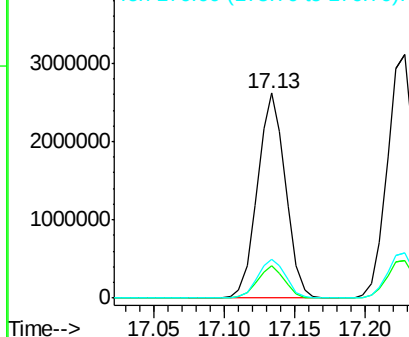


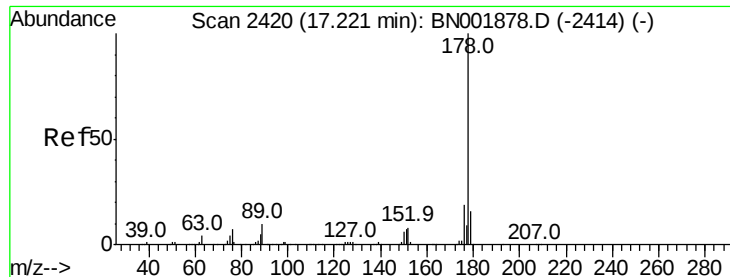
#69
 Phenanthrene
 Concen: 21.488 ng/ul
 RT: 17.13 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BN001880.D
 Acq: 20 Jun 2018 10:54

Tgt Ion:178 Resp: 3644602
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 19.0 15.4 23.0



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: 24.794 ng/ul

RT: 17.23 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

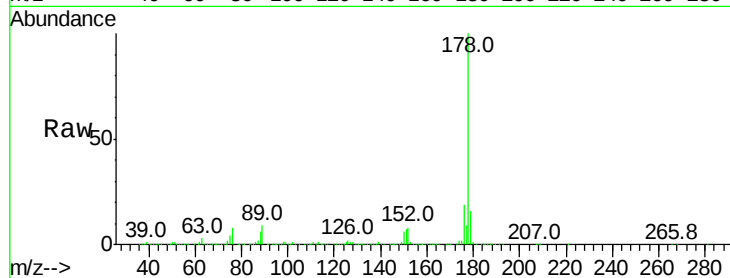
BNA_N

ClientSampleId :

DAXN4

Tot Ion:178 Resp: 4256793

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.6	15.4	23.0

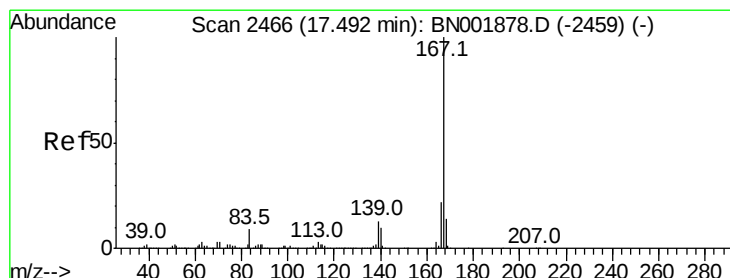
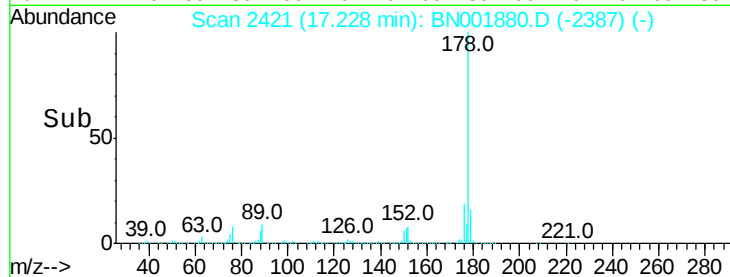
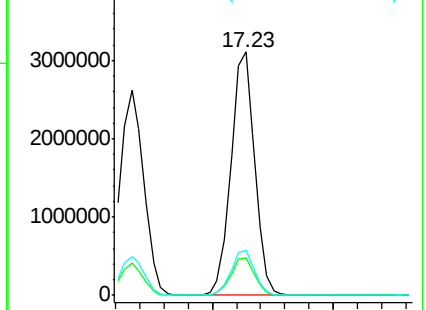


Abundance

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



#72

Carbazole

Concen: 27.234 ng/ul

RT: 17.49 min Scan# 2466

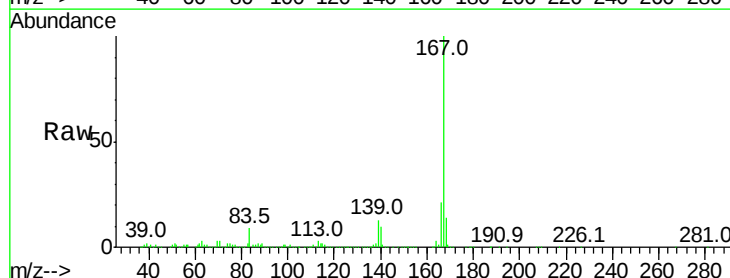
Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Tgt Ion:167 Resp: 3916797

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	13.1	9.1	13.7

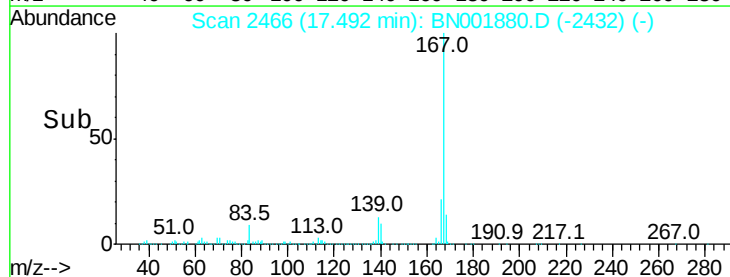
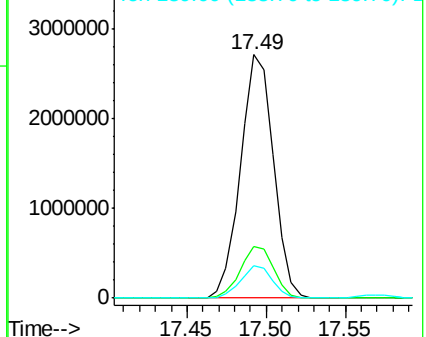


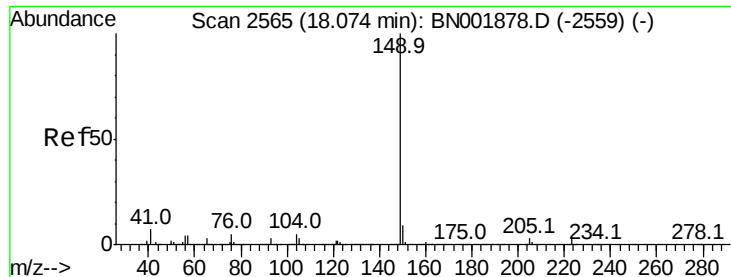
Abundance

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





#73

Di-n-butylphthalate

Concen: 22.856 ng/ul

RT: 18.07 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

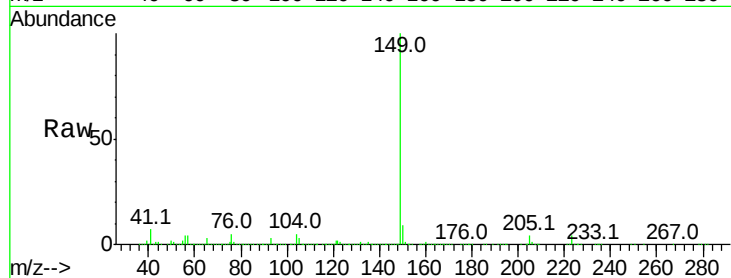
Tot Ion:149 Resp: 4150820

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

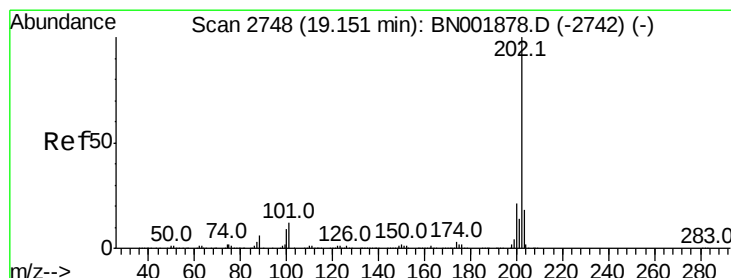
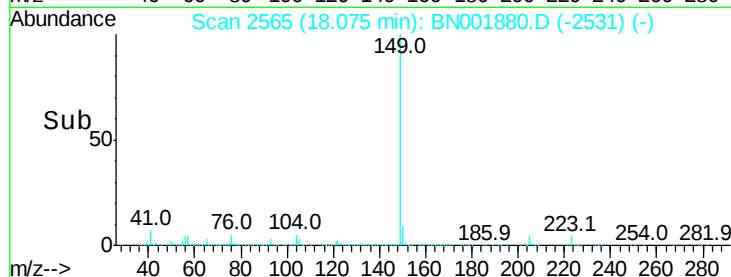
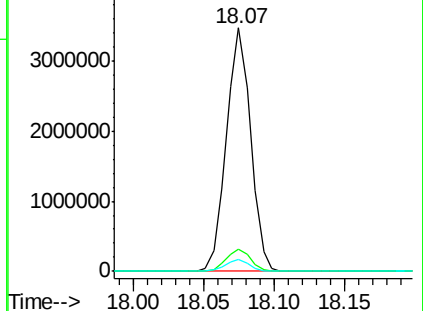
104 4.8 4.1 6.1



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



#74

Fluoranthene

Concen: 49.128 ng/ul

RT: 19.16 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

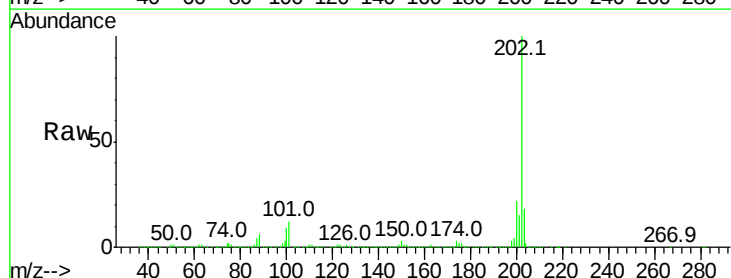
Tgt Ion:202 Resp: 8758946

Ion Ratio Lower Upper

202 100

101 12.3 6.1 9.1#

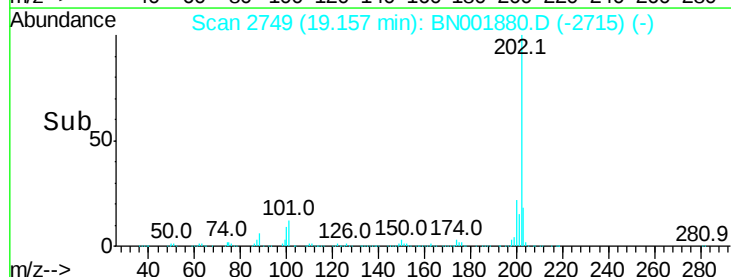
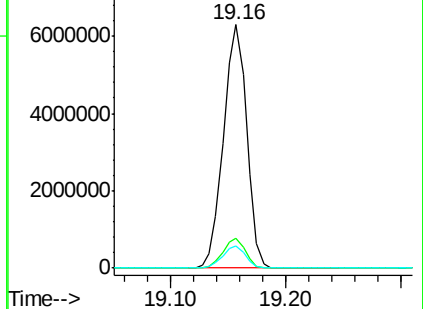
100 9.3 4.6 7.0#

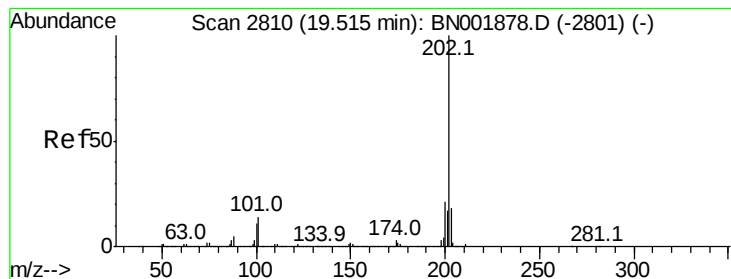


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 36.242 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

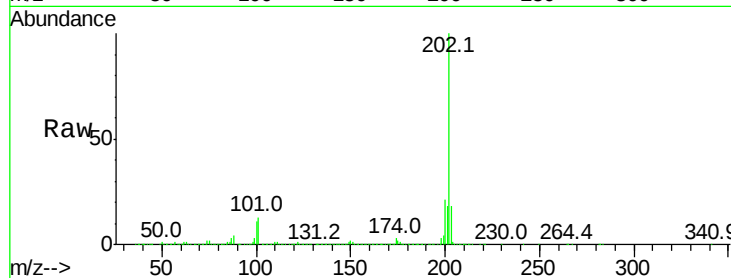
Tot Ion:202 Resp: 6402575

Ion Ratio Lower Upper

202 100

101 13.4 6.9 10.3#

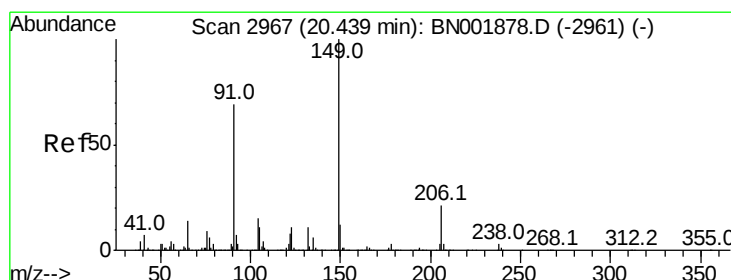
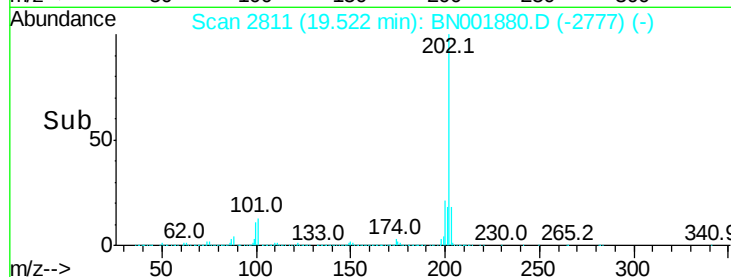
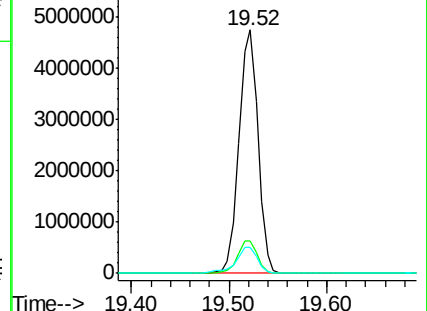
100 10.6 5.6 8.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#78

Butylbenzylphthalate

Concen: 23.933 ng/ul

RT: 20.44 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

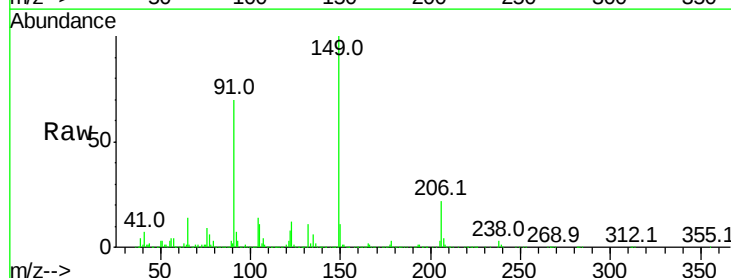
Tgt Ion:149 Resp: 1804174

Ion Ratio Lower Upper

149 100

91 69.9 53.4 80.0

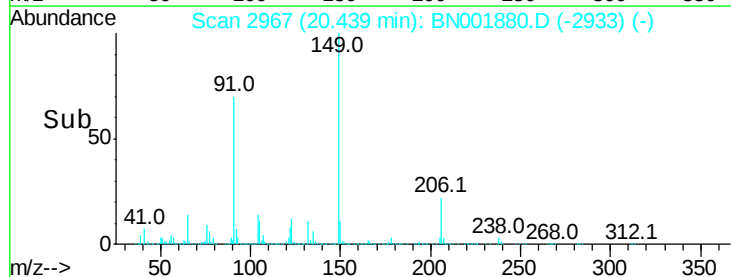
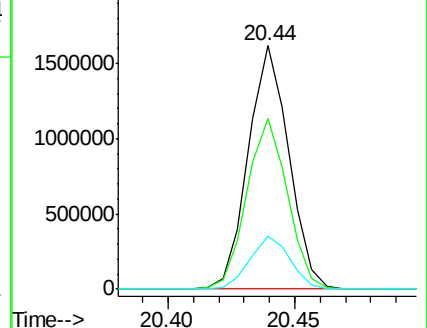
206 21.7 19.3 28.9

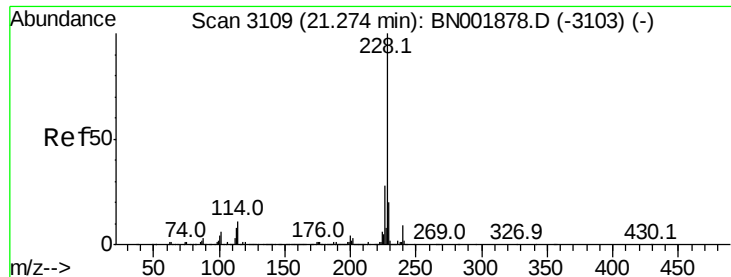


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.613 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.01 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

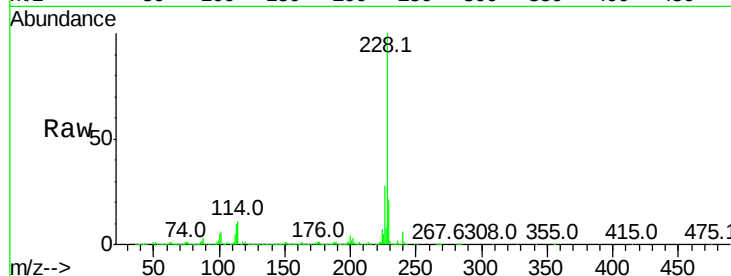
Tot Ion:228 Resp: 7245832

Ion Ratio Lower Upper

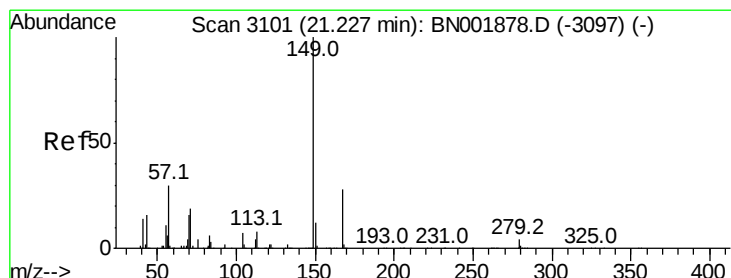
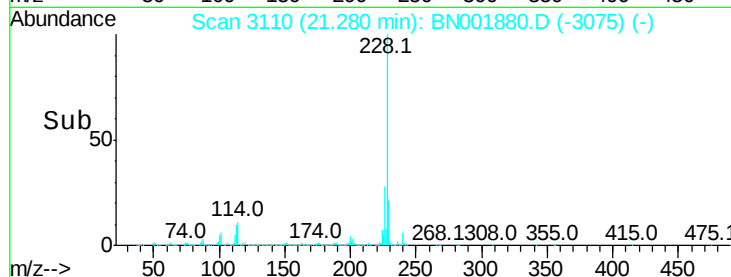
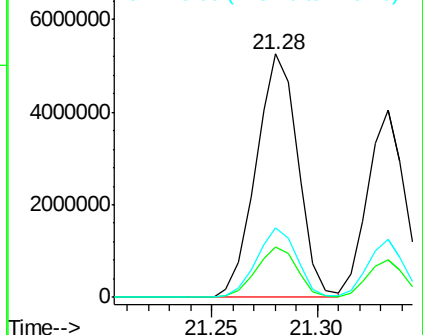
228 100

229 20.7 16.0 24.0

226 28.4 21.8 32.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 28.829 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

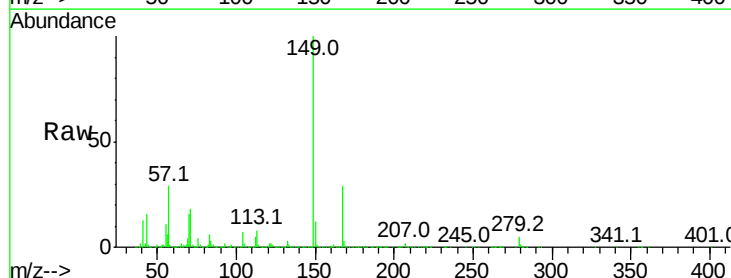
Tgt Ion:149 Resp: 3240840

Ion Ratio Lower Upper

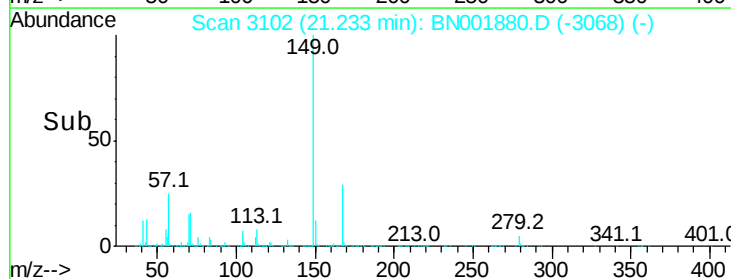
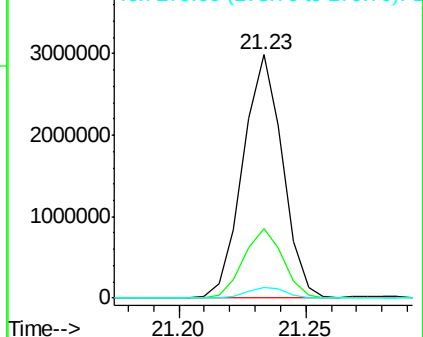
149 100

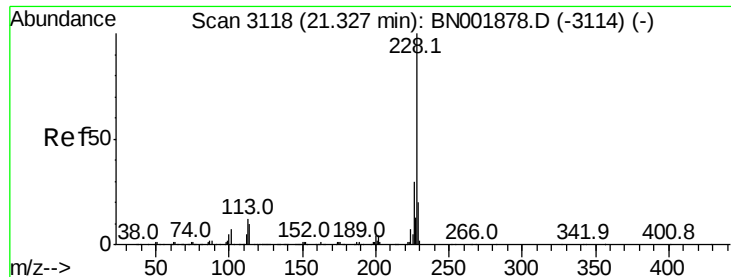
167 28.6 23.0 34.6

279 4.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 29.812 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. 0.01 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

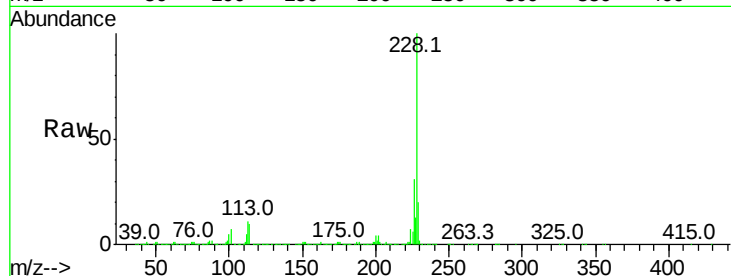
Tot Ion:228 Resp: 4948954

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

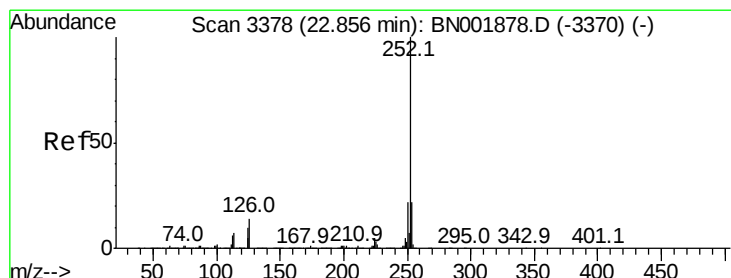
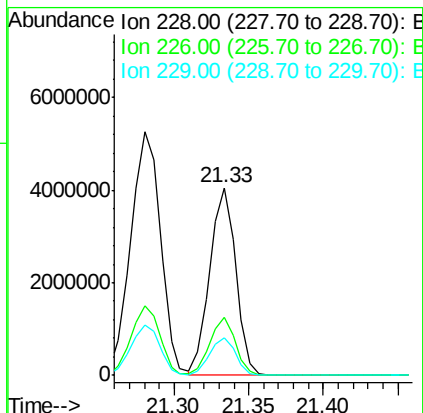
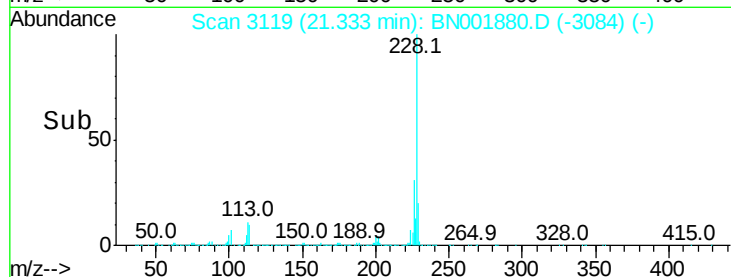
229 20.2 16.0 24.0



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



#85

Benzo(b)fluoranthene

Concen: 31.097 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.00 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

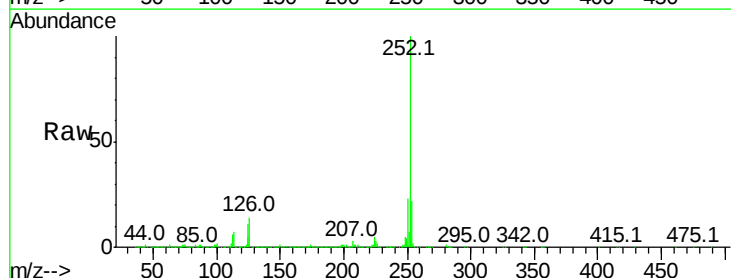
Tgt Ion:252 Resp: 5012794

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

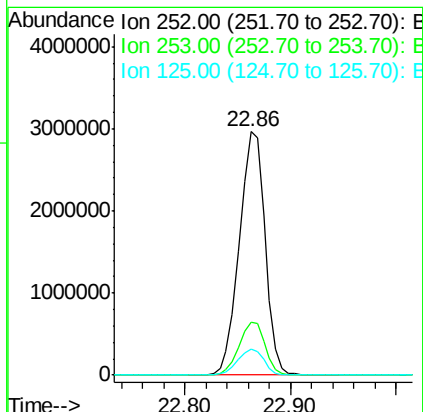
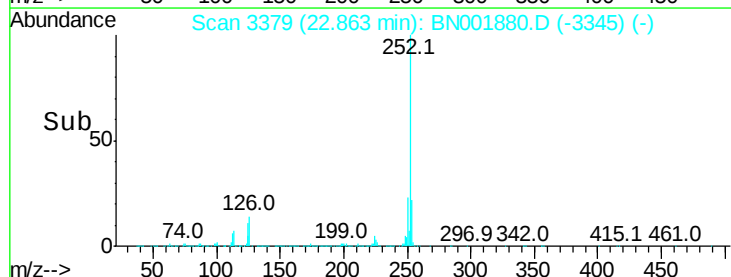
125 10.6 4.9 7.3#

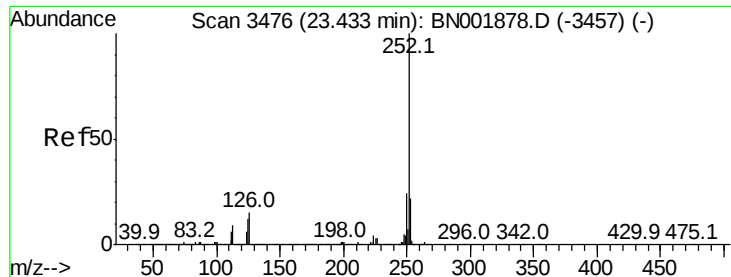


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 28.220 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. 0.01 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

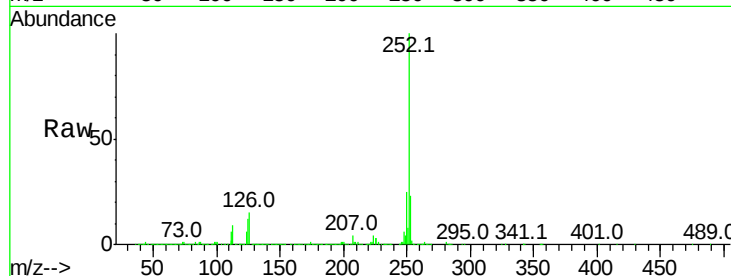
Tot Ion:252 Resp: 4250981

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

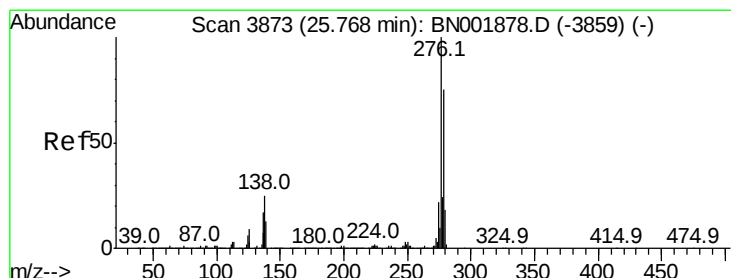
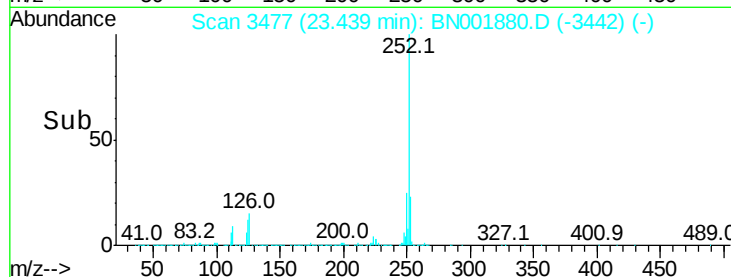
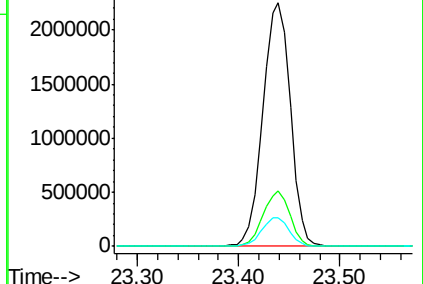
125 11.7 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 30.673 ng/ul

RT: 25.77 min Scan# 3874

Delta R.T. 0.01 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

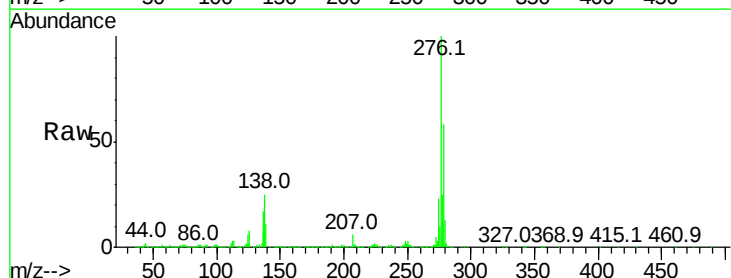
Tgt Ion:276 Resp: 4916678

Ion Ratio Lower Upper

276 100

138 25.0 10.9 16.3#

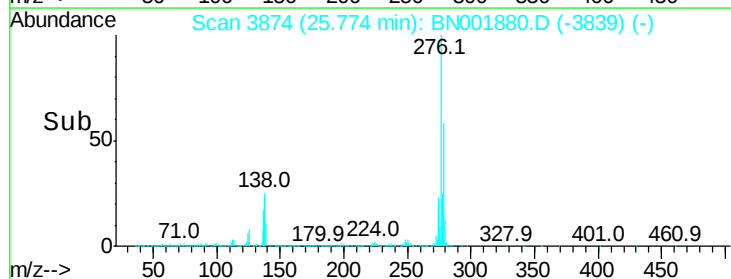
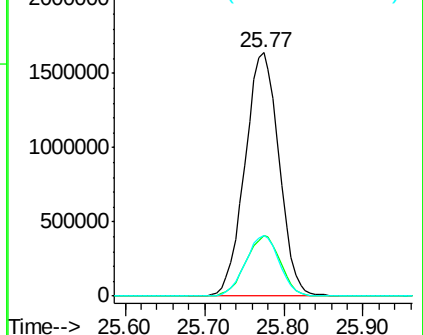
277 25.0 18.9 28.3

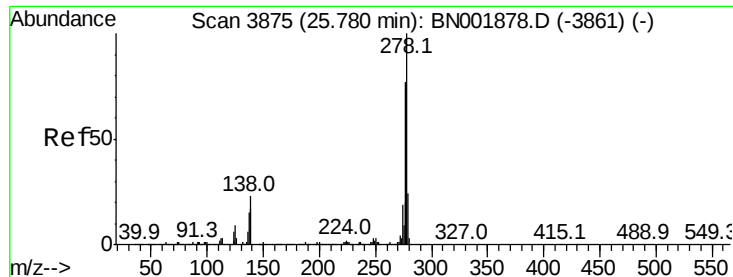


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 23.782 ng/ul

RT: 25.79 min Scan# 3876

Delta R.T. 0.01 min

Lab File: BN001880.D

Acq: 20 Jun 2018 10:54

Instrument :

BNA_N

ClientSampleId :

DAXN4

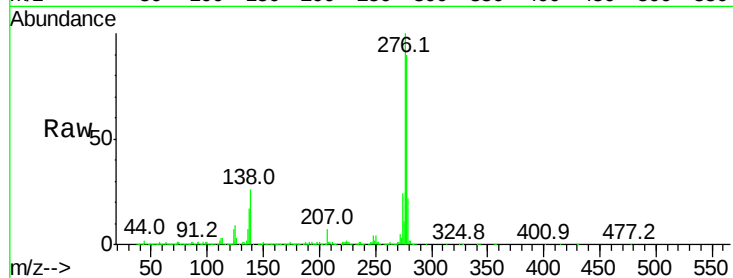
Tot Ion:278 Resp: 3172632

Ion Ratio Lower Upper

278 100

139 17.2 9.0 13.4#

279 24.0 19.1 28.7



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

