

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
 Data File : BN001944.D
 Acq On : 03 Jul 2018 15:31
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:53:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 03 23:50:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	467699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2188060	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1353410	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3171212	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3366591	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	3265441	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	84126	7.81	ng/uL	0.00
5) Phenol-d5	6.88	99	870266	20.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	546563	20.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	682385	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	707892	20.88	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	347523	21.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	365275	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	728507	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	982747	26.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2315387	20.26	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2885131	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	441119	20.95	ng/ul	0.00
57) Fluorene-d10	15.33	176	2021815	20.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	362788	21.00	ng/ul	0.00
70) Anthracene-d10	17.18	188	3115870	20.34	ng/ul	0.00
76) Pyrene-d10	19.48	212	3501078	20.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3610044	20.33	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.30	88	85953	7.747	ng/uL# 74
4) Benzaldehyde	6.86	77	563015	21.788	ng/ul 92
6) Phenol	6.91	94	884953	20.733	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.14	93	692148	20.918	ng/ul 95
10) 2-Chlorophenol	7.28	128	689739	20.306	ng/ul 99
11) 2-Methylphenol	8.15	108	679314	20.807	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1124267	21.660	ng/ul 94
14) Acetophenone	8.52	105	1116413	21.441	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.51	70	575547	21.432	ng/ul 91
16) 4-Methylphenol	8.48	108	753468	21.179	ng/ul 95
17) Hexachloroethane	8.78	117	268173	20.023	ng/ul 88
20) Nitrobenzene	8.90	77	820121	20.561	ng/ul 93
21) Isophorone	9.42	82	1647603	21.033	ng/ul 99
23) 2-Nitrophenol	9.60	139	399352	21.793	ng/ul 91
24) 2,4-Dimethylphenol	9.67	107	837814	20.315	ng/ul 95
25) Bis(2-Chloroethoxy)methane	9.90	93	1006080	20.389	ng/ul 97
27) 2,4-Dichlorophenol	10.13	162	711768	20.407	ng/ul 98
28) Naphthalene	10.53	128	2336928	20.127	ng/ul 98
30) 4-Chloroaniline	10.64	127	981951	26.732	ng/ul 98
31) Hexachlorobutadiene	10.82	225	414149	19.445	ng/ul 97
32) Caprolactam	11.39	113	254357	20.941	ng/ul 82
33) 4-Chloro-3-methylphenol	11.77	107	797733	20.749	ng/ul 96
34) 2-Methylnaphthalene	12.15	142	1725707	20.490	ng/ul 98

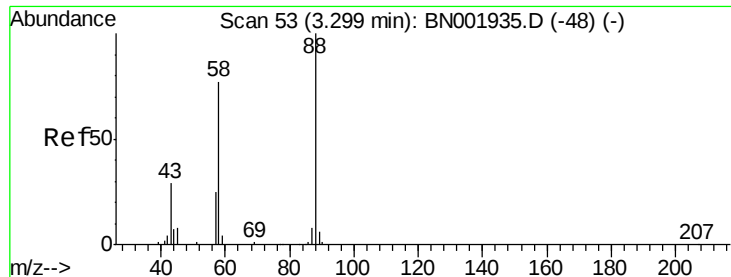
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
 Data File : BN001944.D
 Acq On : 03 Jul 2018 15:31
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:53:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 03 23:50:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	875999	19.928	ng/ul#	96
37) Hexachlorocyclopentadiene	12.50	237	532465	19.867	ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	587886	20.505	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	630908	20.666	ng/ul	97
40) 1,1'-Biphenyl	13.17	154	2271933	20.209	ng/ul#	95
41) 2-Chloronaphthalene	13.20	162	1774344	20.219	ng/ul	98
42) 2-Nitroaniline	13.41	65	537199	21.942	ng/ul	95
44) Dimethylphthalate	13.80	163	2276409	20.265	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	464727	21.911	ng/ul	97
47) Acenaphthylene	14.06	152	2789489	20.483	ng/ul	100
48) 3-Nitroaniline	14.24	138	484840	23.811	ng/ul	99
49) Acenaphthene	14.40	153	1923990	20.365	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	226368	20.801	ng/ul#	85
52) 4-Nitrophenol	14.55	109	314989	20.119	ng/ul#	71
53) Dibenzofuran	14.74	168	2728886	20.134	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	692322	21.954	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.96	232	562213	20.865	ng/ul#	87
56) Diethylphthalate	15.17	149	2319518	20.376	ng/ul	97
58) Fluorene	15.39	166	2186107	20.217	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1090528	20.131	ng/ul	92
60) 4-Nitroaniline	15.41	138	539235	21.450	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.47	198	384161	20.954	ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	1941905	20.476	ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	687031	19.944	ng/ul	93
66) Hexachlorobenzene	16.39	284	771235	19.879	ng/ul#	92
67) Atrazine	16.56	200	713785	20.637	ng/ul	99
68) Pentachlorophenol	16.73	266	445446	20.763	ng/ul	98
69) Phenanthrene	17.13	178	3645320	20.406	ng/ul	99
71) Anthracene	17.22	178	3706063	20.495	ng/ul	98
72) Carbazole	17.49	167	3322031	21.931	ng/ul	99
73) Di-n-butylphthalate	18.06	149	4020793	21.022	ng/ul	99
74) Fluoranthene	19.15	202	4282388	22.806	ng/ul#	89
77) Pyrene	19.51	202	4383230	20.805	ng/ul#	86
78) Butylbenzylphthalate	20.43	149	1903732	21.176	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.20	252	1457887	22.820	ng/ul#	98
80) Benzo(a)anthracene	21.27	228	4332968	20.365	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	2831597	21.122	ng/ul	99
82) Chrysene	21.32	228	4028882	20.351	ng/ul	100
84) Di-n-octyl phthalate	22.10	149	4830110	22.304	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	4314299	20.918	ng/ul#	95
86) Benzo(k)fluoranthene	22.89	252	3936760	19.684	ng/ul#	97
88) Benzo(a)pyrene	23.42	252	3907702	20.275	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.74	276	4095816	19.972	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.76	278	3432201	20.109	ng/ul#	95
91) Benzo(g,h,i)perylene	26.42	276	3333693	19.706	ng/ul#	90

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



#2

1,4-Dioxane

Concen: 7.747 ng/uL

RT: 3.30 min Scan# 53

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

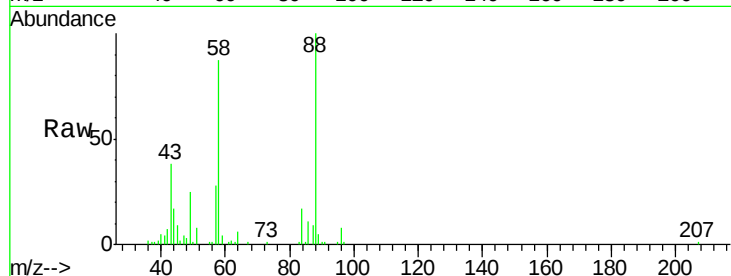
Tot Ion: 88 Resp: 85953

Ion Ratio Lower Upper

88 100

43 37.7 29.0 43.4

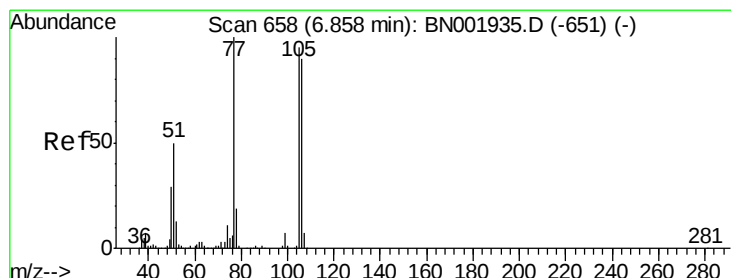
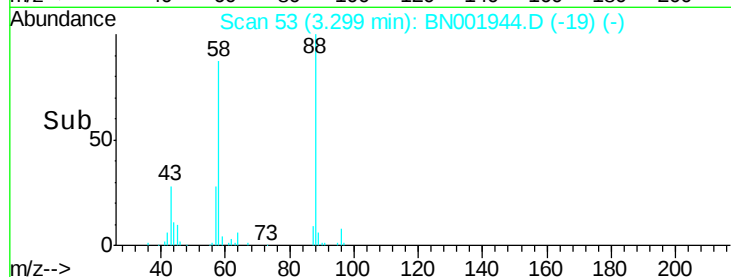
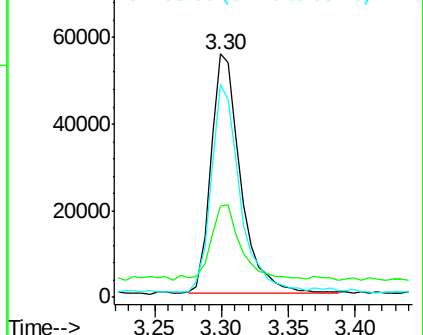
58 87.3 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BN001935.D (-48) (-)

Ion 43.00 (42.70 to 43.70): BN001935.D (-48) (-)

Ion 58.00 (57.70 to 58.70): BN001935.D (-48) (-)



#4

Benzaldehyde

Concen: 21.788 ng/uL

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

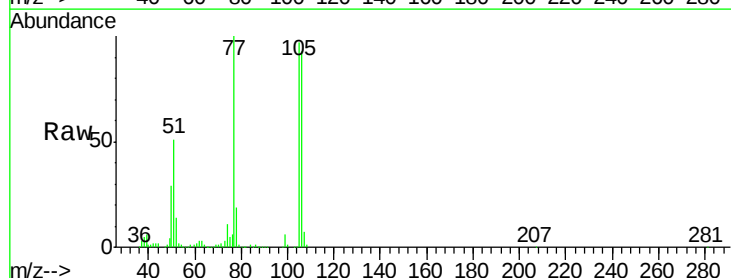
Tgt Ion: 77 Resp: 563015

Ion Ratio Lower Upper

77 100

105 97.0 71.0 106.6

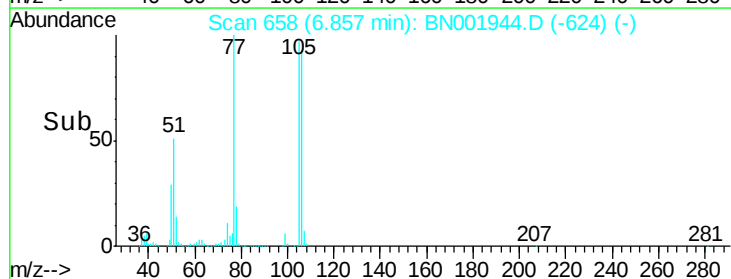
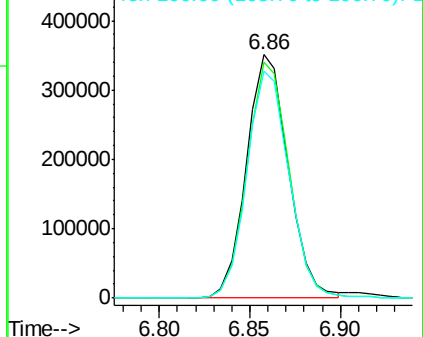
106 93.2 69.5 104.3

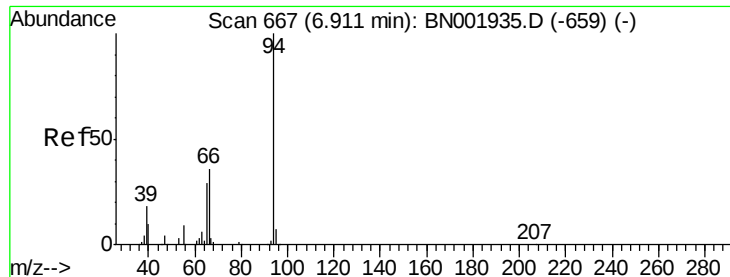


Abundance Ion 77.00 (76.70 to 77.70): BN001935.D (-651) (-)

Ion 105.00 (104.70 to 105.70): BN001935.D (-651) (-)

Ion 106.00 (105.70 to 106.70): BN001935.D (-651) (-)





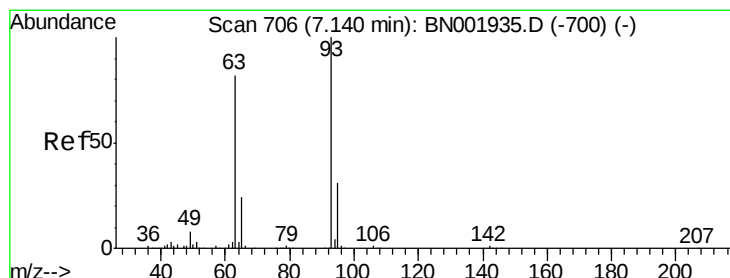
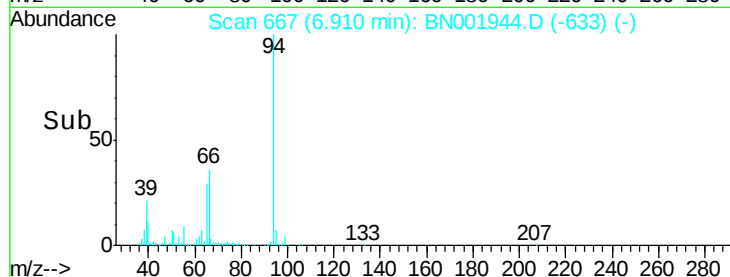
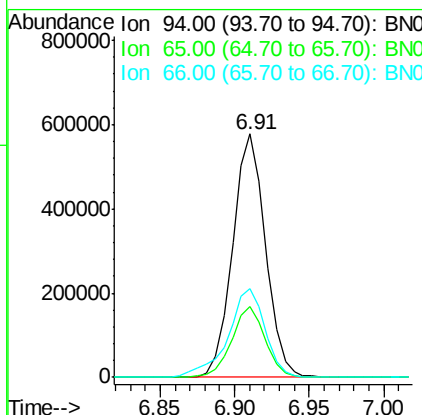
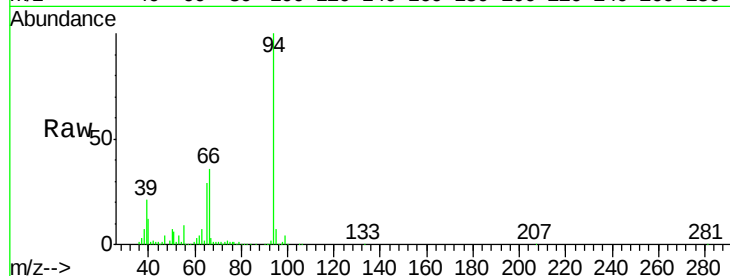
#6

Phenol

Concen: 20.733 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	94	Resp	884953
Ion Ratio	Lower	Upper	
94	100		
65	29.3	23.0	34.6
66	36.3	30.4	45.6

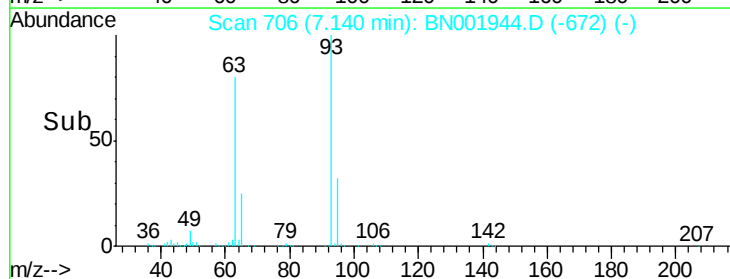
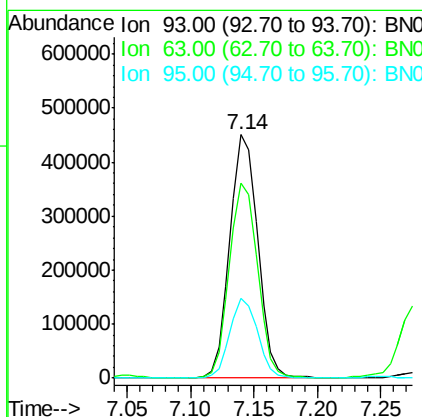
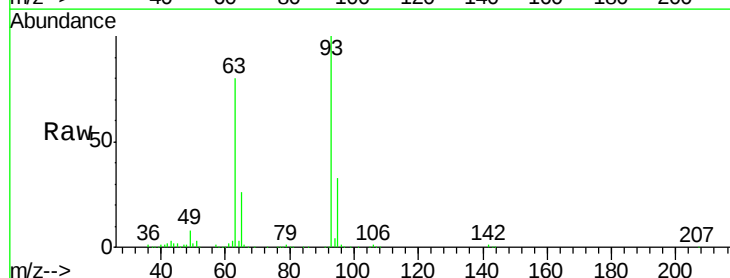


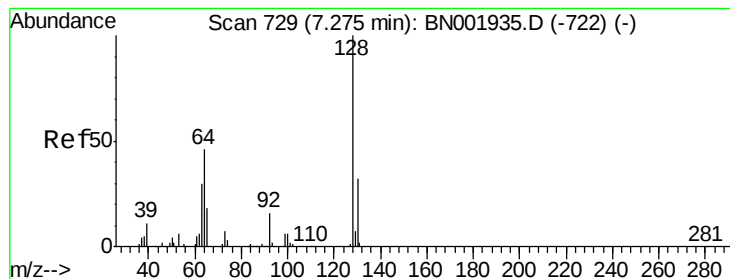
#8

Bis(2-Chloroethyl)ether

Concen: 20.918 ng/ul
 RT: 7.14 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

Tgt Ion	93	Resp	692148
Ion Ratio	Lower	Upper	
93	100		
63	80.2	59.4	89.2
95	32.5	26.4	39.6





#10

2-Chlorophenol

Concen: 20.306 ng/ul

RT: 7.28 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

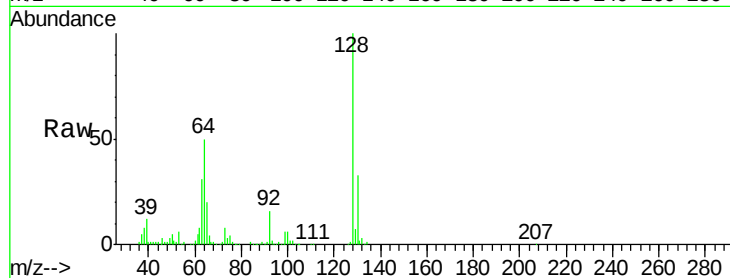
Tot Ion:128 Resp: 689739

Ion Ratio Lower Upper

128 100

64 50.4 39.8 59.6

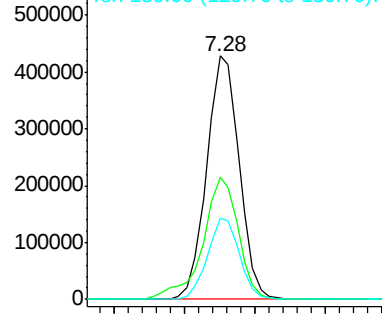
130 33.4 25.8 38.8



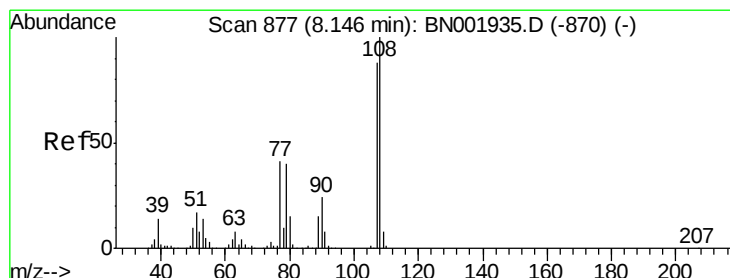
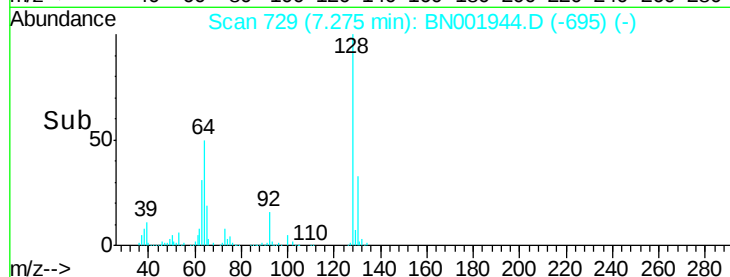
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): B

Ion 130.00 (129.70 to 130.70): E



Time-->



#11

2-Methylphenol

Concen: 20.807 ng/ul

RT: 8.15 min Scan# 877

Delta R.T. -0.00 min

Lab File: BN001944.D

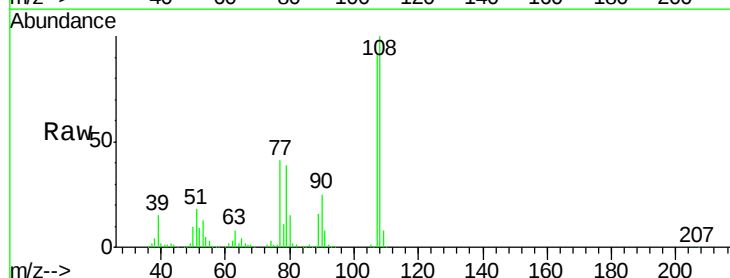
Acq: 03 Jul 2018 15:31

Tgt Ion:108 Resp: 679314

Ion Ratio Lower Upper

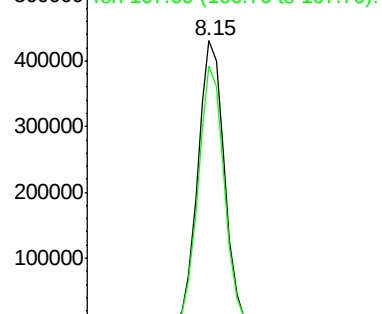
108 100

107 91.0 74.1 111.1

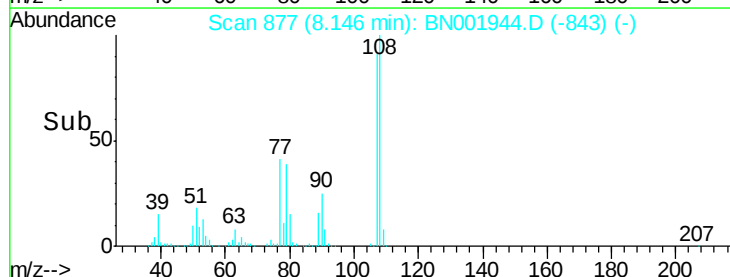


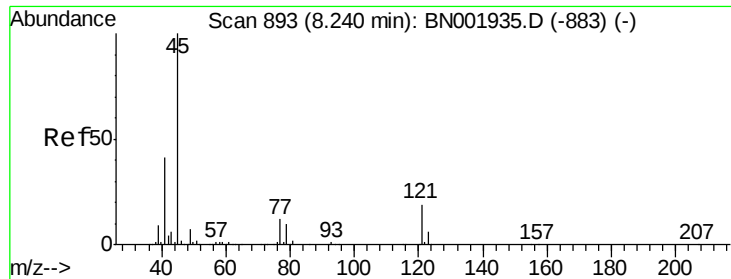
Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



Time-->

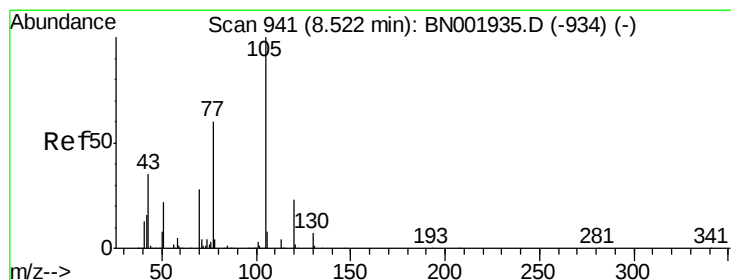
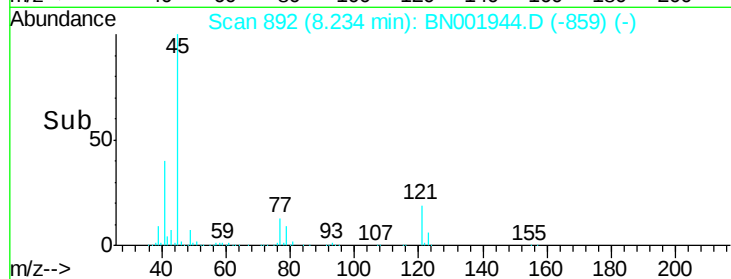
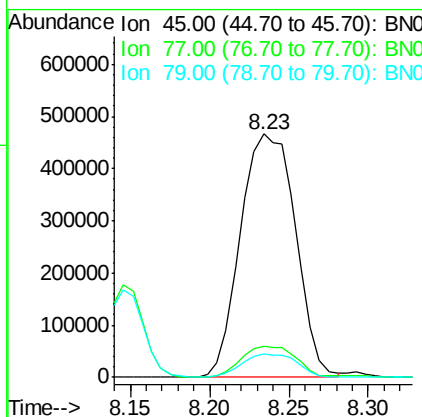
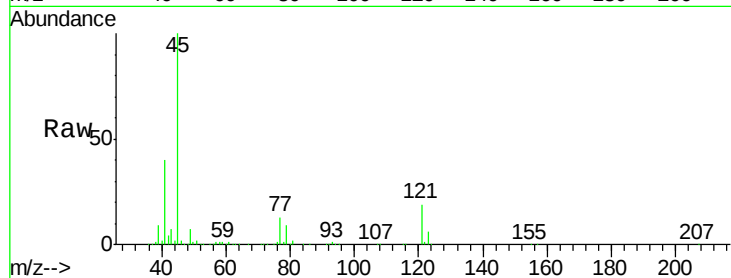




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 21.660 ng/ul
RT: 8.23 min Scan# 892
Delta R.T. -0.01 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

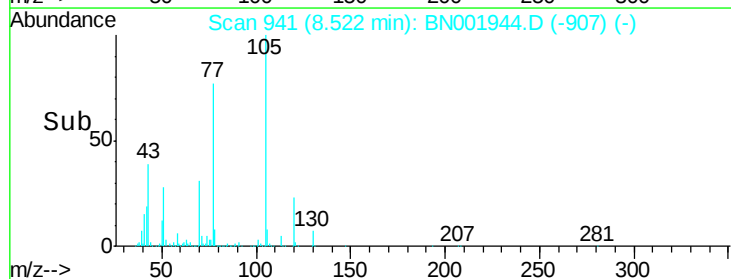
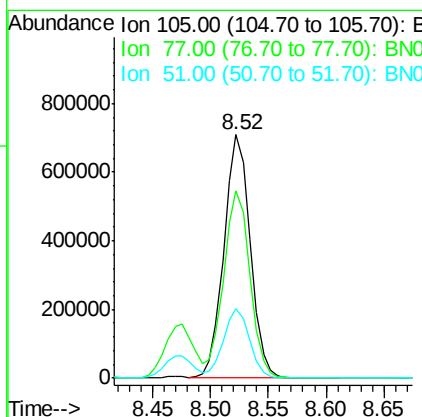
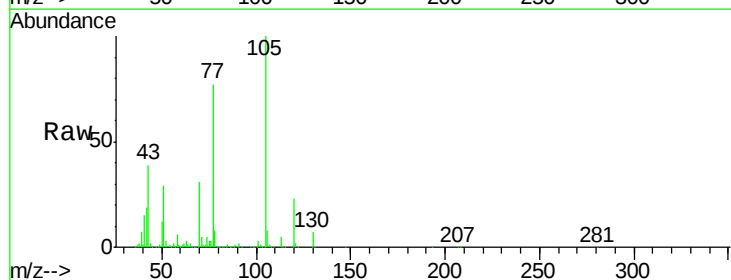
Instrument :
BNA_N
ClientSampled :

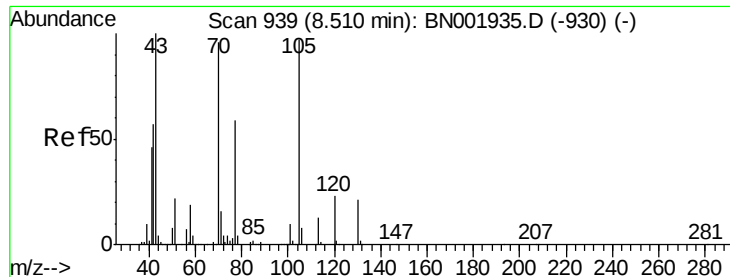
Tot Ion: 45 Resp: 1124267
Ion Ratio Lower Upper
45 100
77 12.8 12.5 18.7
79 9.5 9.4 14.2



#14
Acetophenone
Concen: 21.441 ng/ul
RT: 8.52 min Scan# 941
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

Tgt Ion:105 Resp: 1116413
Ion Ratio Lower Upper
105 100
77 77.0 63.2 94.8
51 28.5 19.8 29.8

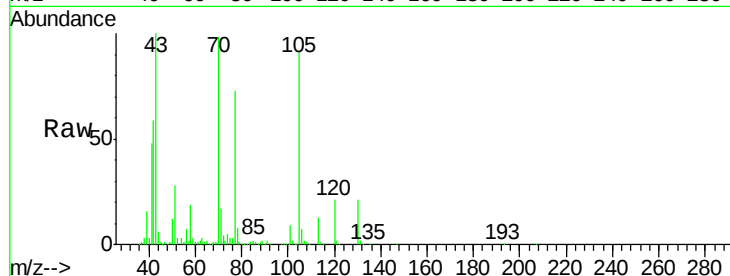




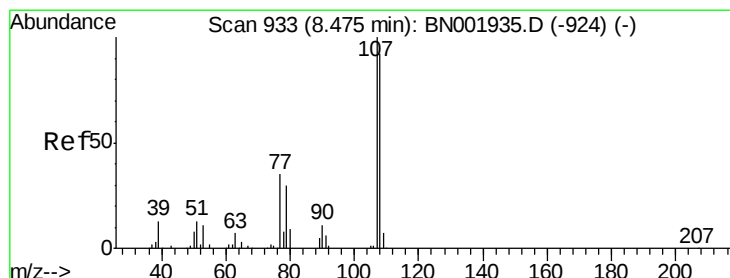
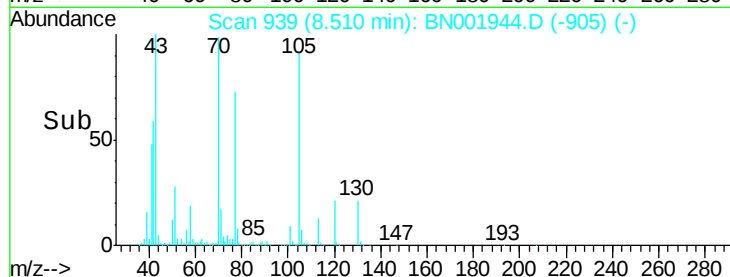
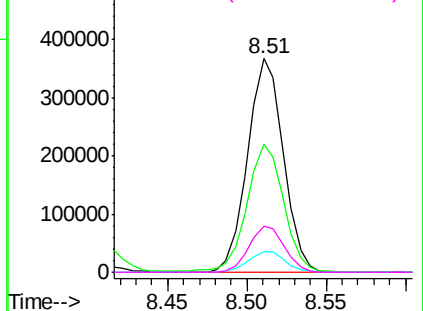
#15
N-Nitroso-di-n-propylamine
Concen: 21.432 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 575547
Ion Ratio Lower Upper
70 100
42 59.6 40.2 60.4
101 9.3 7.7 11.5
130 21.3 17.8 26.6

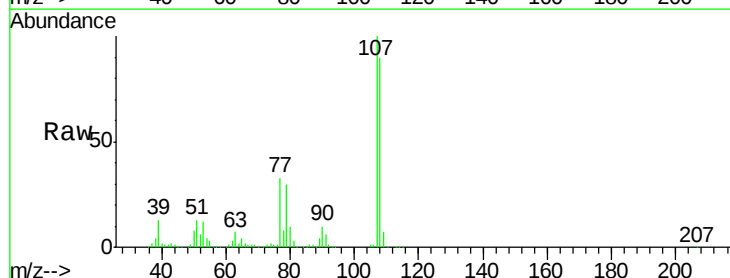


Abundance Ion 70.00 (69.70 to 70.70): BN001935.D (-930) (-)
Ion 42.00 (41.70 to 42.70): BN001935.D (-930) (-)
Ion 101.00 (100.70 to 101.70): BN001935.D (-930) (-)
Ion 130.00 (129.70 to 130.70): BN001935.D (-930) (-)

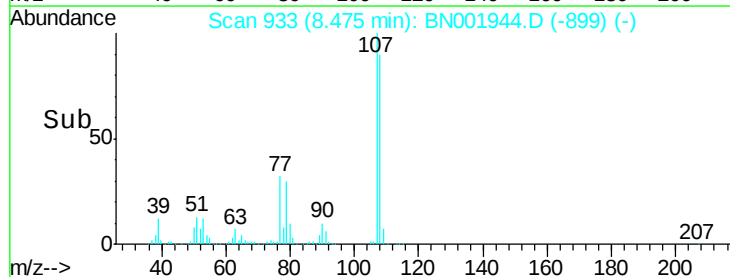
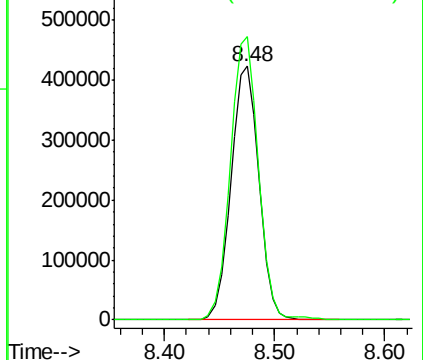


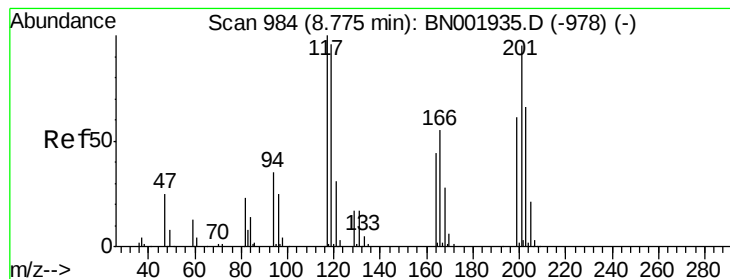
#16
4-Methylphenol
Concen: 21.179 ng/ul
RT: 8.48 min Scan# 933
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

Tgt Ion: 108 Resp: 753468
Ion Ratio Lower Upper
108 100
107 111.7 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): BN001935.D (-924) (-)
Ion 107.00 (106.70 to 107.70): BN001935.D (-924) (-)





#17

Hexachloroethane

Concen: 20.023 ng/ul

RT: 8.78 min Scan# 985

Delta R.T. 0.01 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

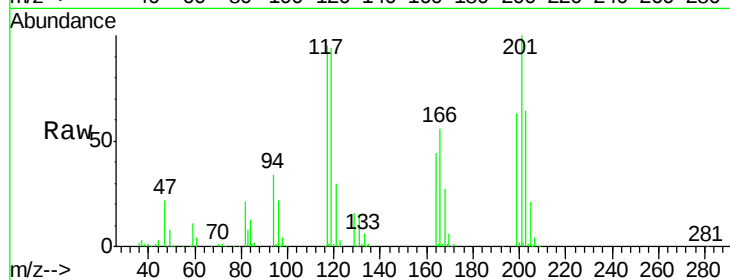
Tot Ion:117 Resp: 268173

Ion Ratio Lower Upper

117 100

201 104.9 96.1 144.1

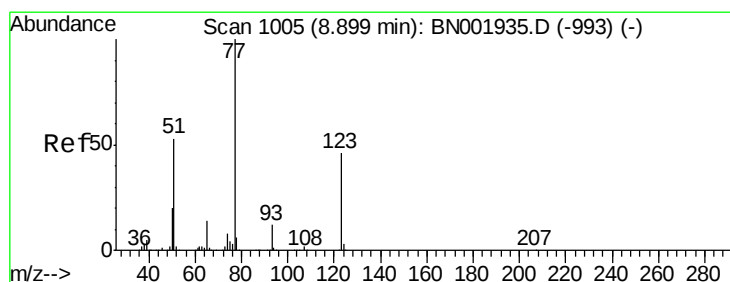
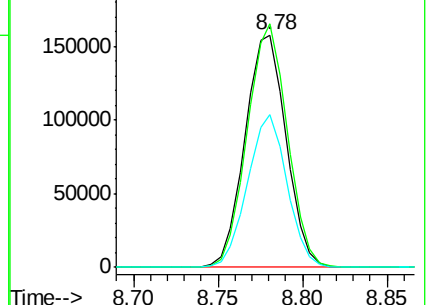
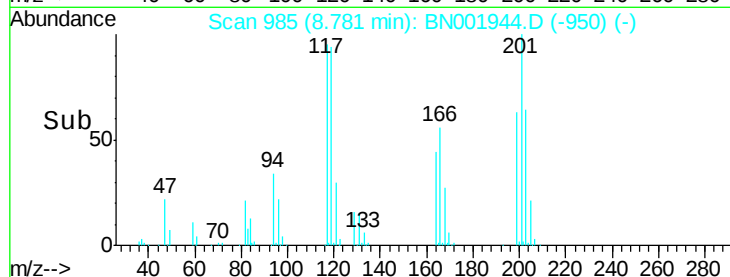
199 66.1 59.7 89.5



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: 20.561 ng/ul

RT: 8.90 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

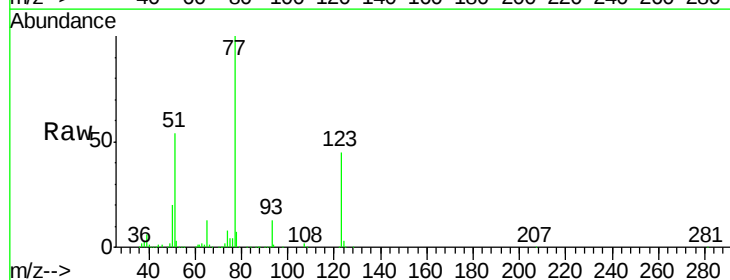
Tgt Ion: 77 Resp: 820121

Ion Ratio Lower Upper

77 100

123 45.4 31.8 47.8

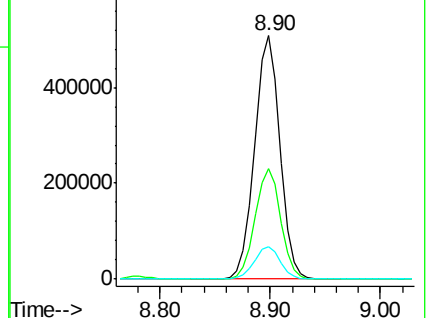
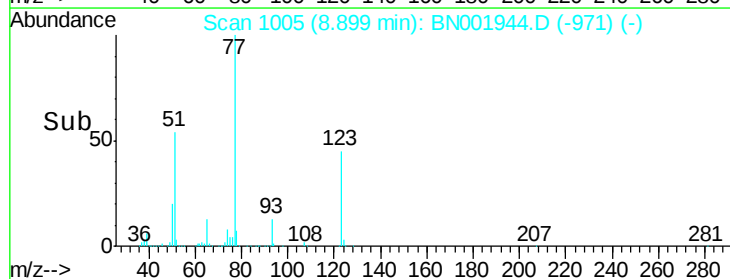
65 13.3 10.6 16.0

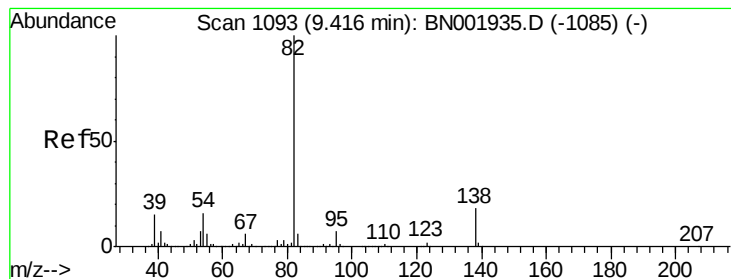


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 21.033 ng/ul

RT: 9.42 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampled :

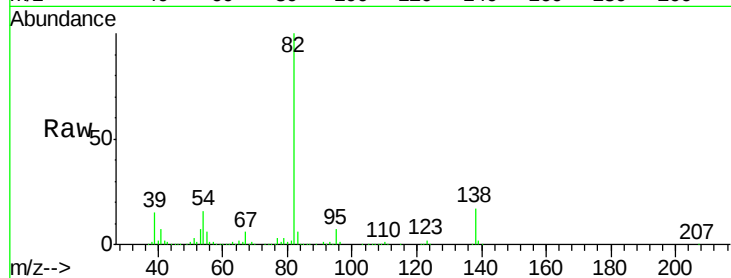
Tot Ion: 82 Resp: 1647603

Ion Ratio Lower Upper

82 100

95 6.9 6.1 9.1

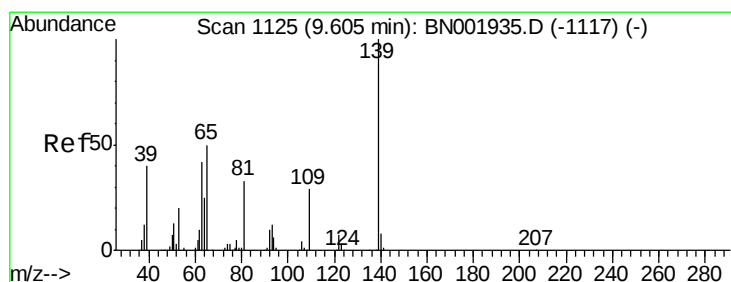
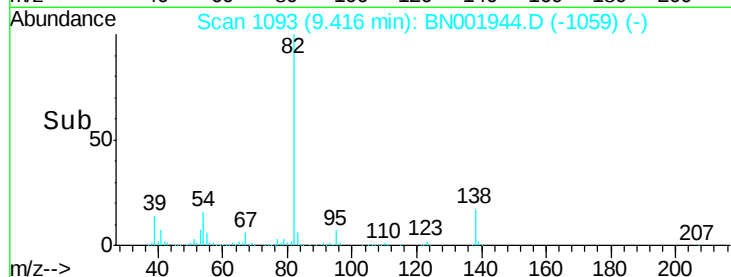
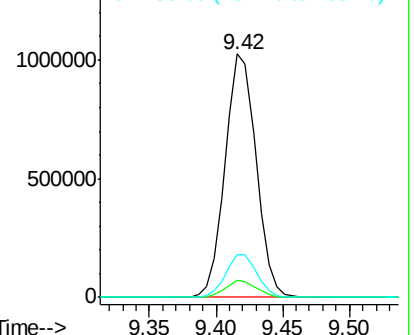
138 17.5 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BN001935.D (-1085) (-)

Ion 95.00 (94.70 to 95.70): BN001935.D (-1085) (-)

Ion 138.00 (137.70 to 138.70): BN001935.D (-1085) (-)



#23

2-Nitrophenol

Concen: 21.793 ng/ul

RT: 9.60 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

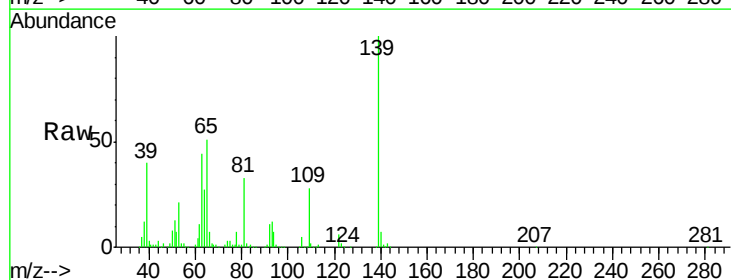
Tgt Ion: 139 Resp: 399352

Ion Ratio Lower Upper

139 100

65 51.2 45.3 67.9

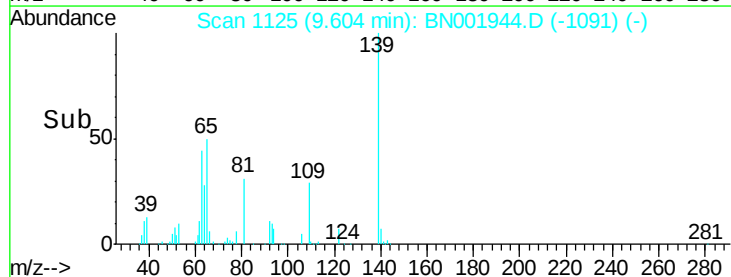
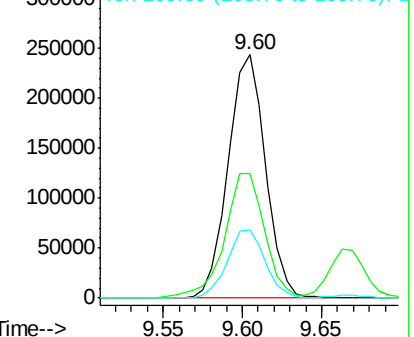
109 28.2 27.7 41.5

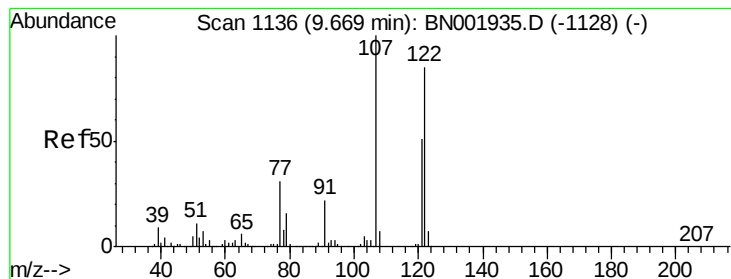


Abundance Ion 139.00 (138.70 to 139.70): BN001935.D (-1117) (-)

Ion 65.00 (64.70 to 65.70): BN001935.D (-1117) (-)

Ion 109.00 (108.70 to 109.70): BN001935.D (-1117) (-)





#24

2,4-Dimethylphenol

Concen: 20.315 ng/ul

RT: 9.67 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

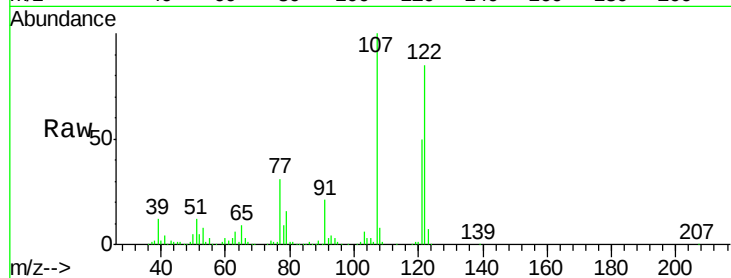
Tot Ion:107 Resp: 837814

Ion Ratio Lower Upper

107 100

121 49.8 38.1 57.1

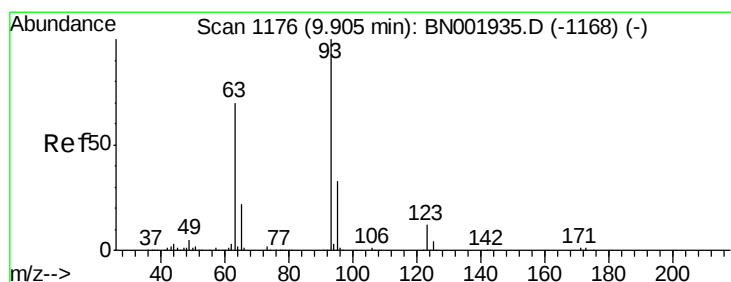
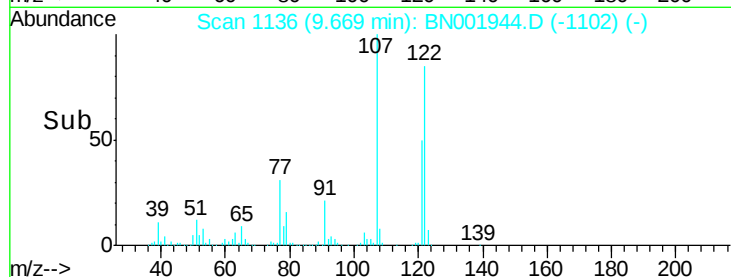
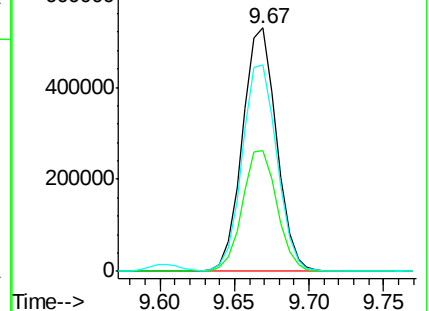
122 84.8 63.8 95.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 20.389 ng/ul

RT: 9.90 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

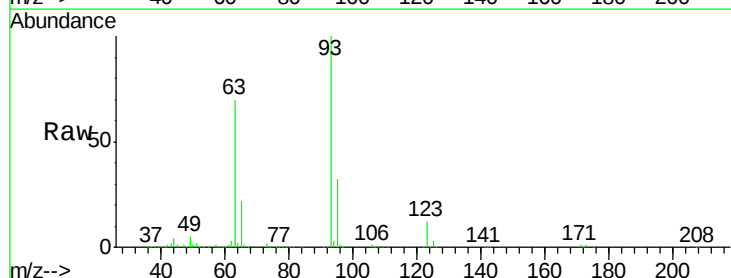
Tgt Ion: 93 Resp: 1006080

Ion Ratio Lower Upper

93 100

95 32.3 24.7 37.1

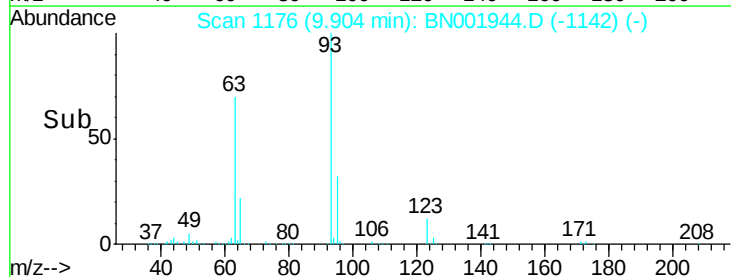
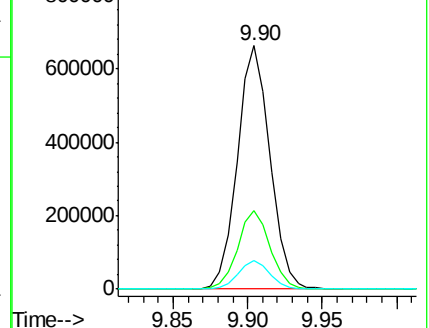
123 11.7 8.2 12.2

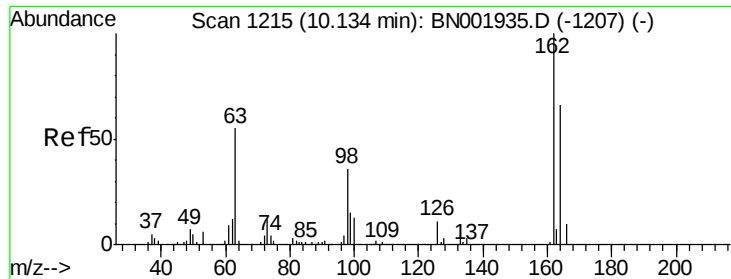


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

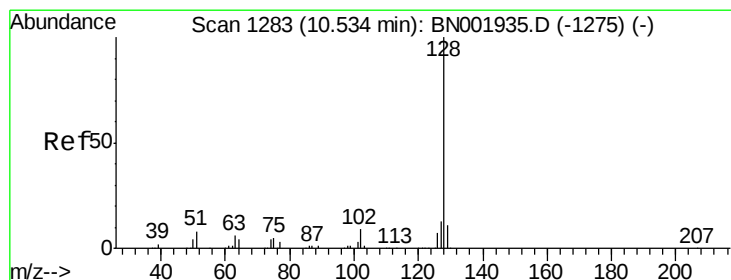
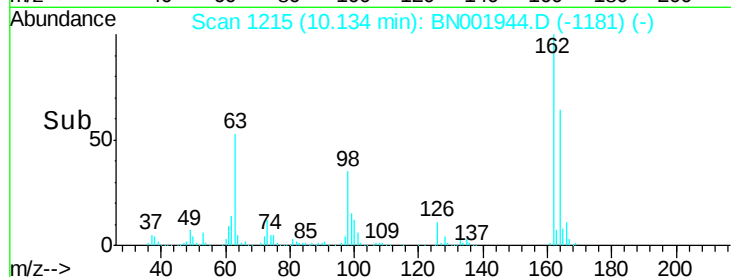
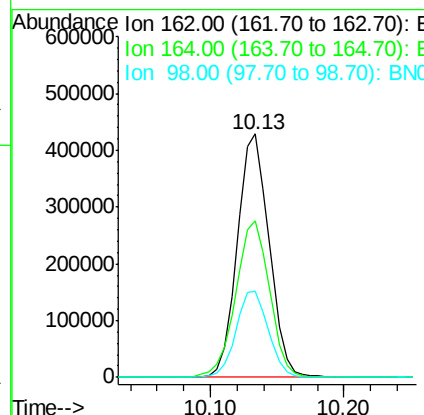
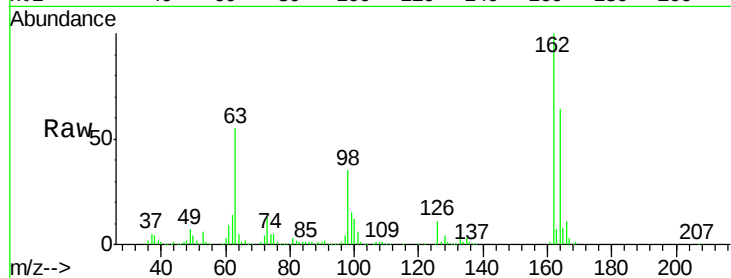




#27
 2,4-Dichlorophenol
 Concen: 20.407 ng/ul
 RT: 10.13 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

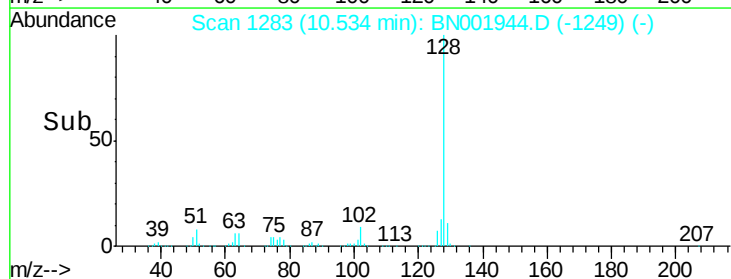
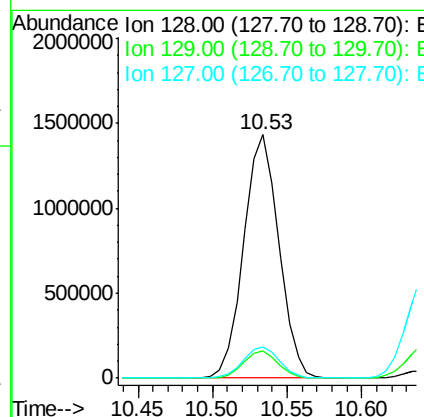
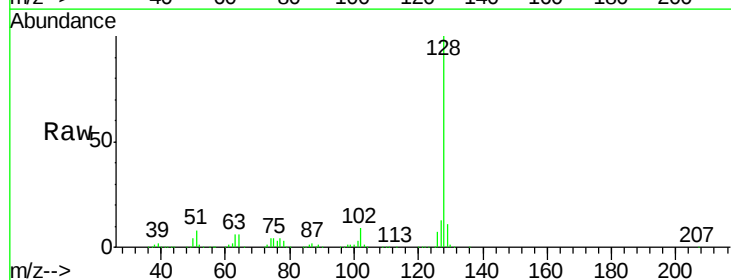
Instrument :
 BNA_N
 ClientSampled :

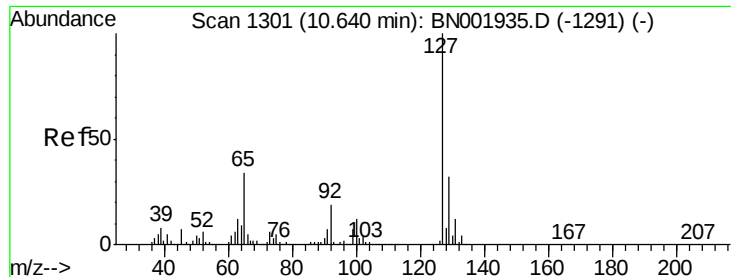
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	52.0	78.0
98	35.2	26.6	39.8



#28
 Naphthalene
 Concen: 20.127 ng/ul
 RT: 10.53 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	12.6	10.8	16.2

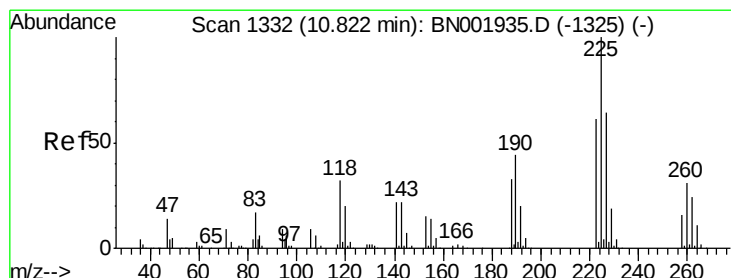
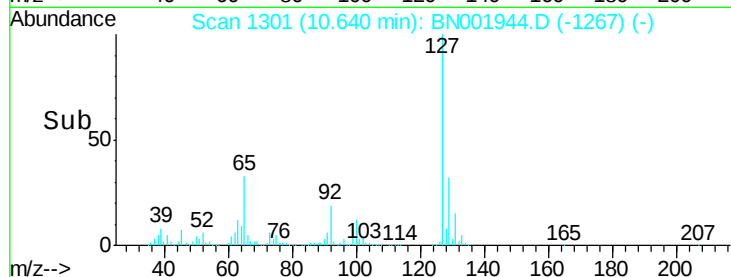
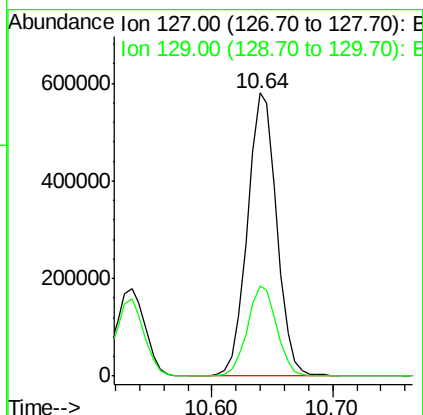
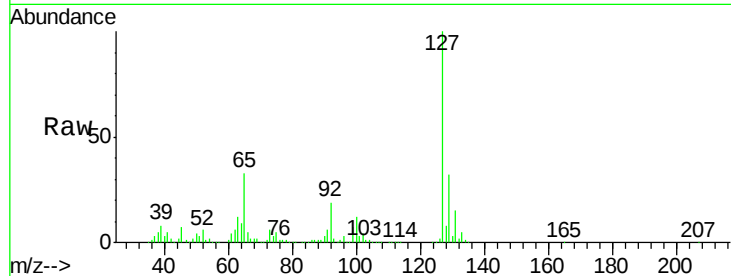




#30
4-Chloroaniline
Concen: 26.732 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

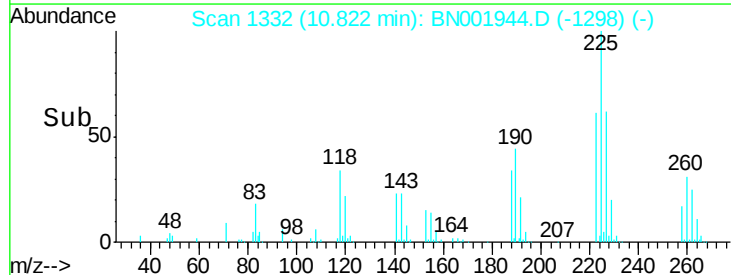
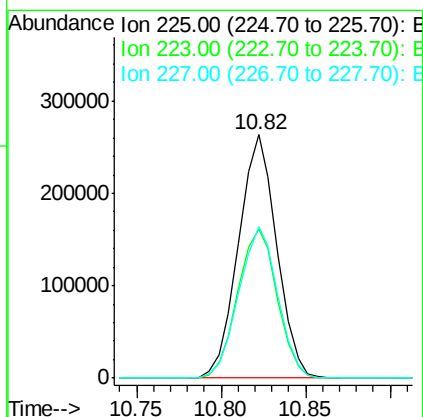
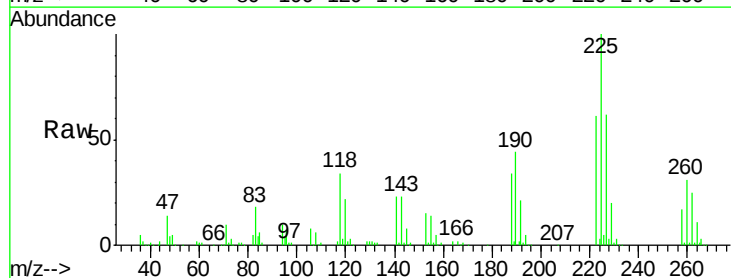
Instrument :
BNA_N
ClientSampled :

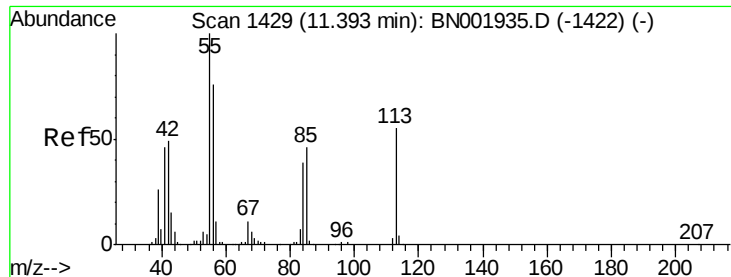
Tot Ion:127 Resp: 981951
Ion Ratio Lower Upper
127 100
129 31.8 24.6 37.0



#31
Hexachlorobutadiene
Concen: 19.445 ng/ul
RT: 10.82 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

Tgt Ion:225 Resp: 414149
Ion Ratio Lower Upper
225 100
223 61.1 48.1 72.1
227 62.2 52.1 78.1





#32

Caprolactam

Concen: 20.941 ng/ul

RT: 11.39 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

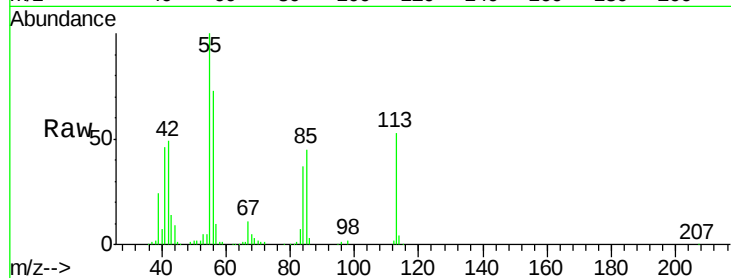
Tot Ion:113 Resp: 254357

Ion Ratio Lower Upper

113 100

55 187.4 131.7 197.5

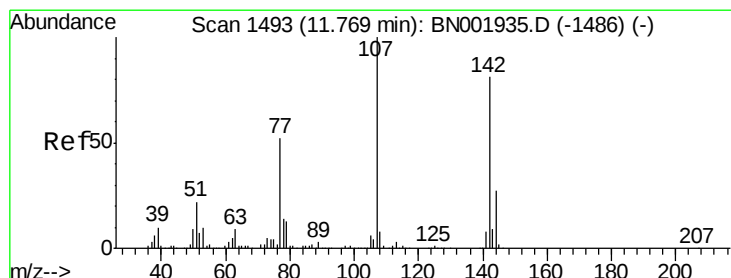
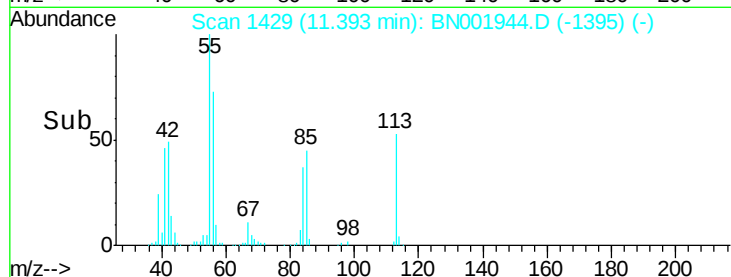
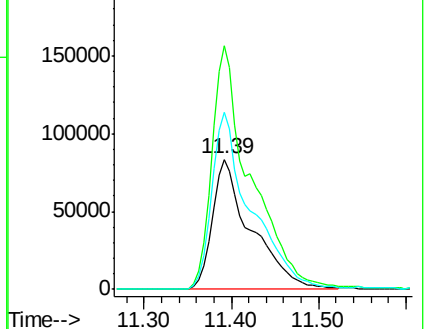
56 136.2 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 20.749 ng/ul

RT: 11.77 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

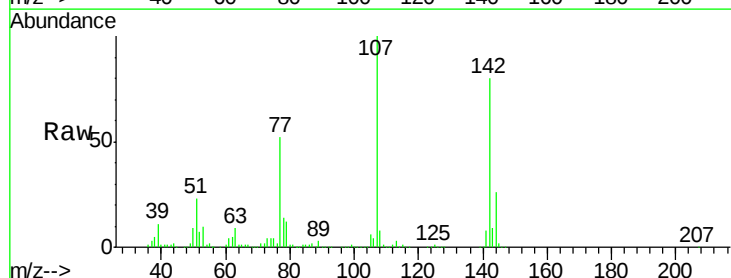
Tgt Ion:107 Resp: 797733

Ion Ratio Lower Upper

107 100

144 25.9 21.1 31.7

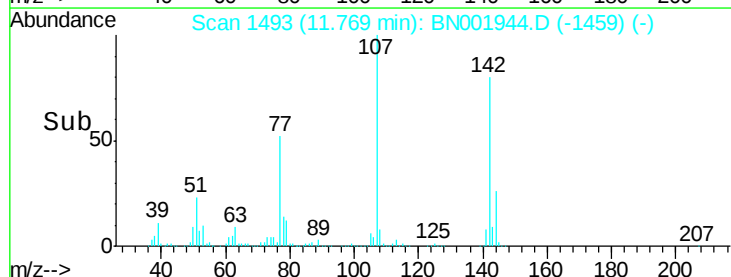
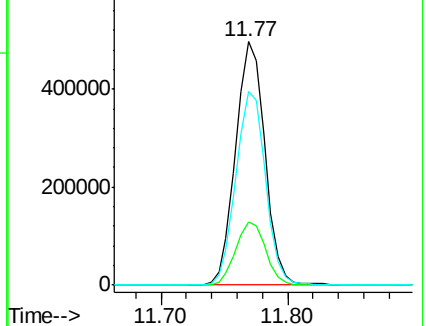
142 79.8 60.1 90.1

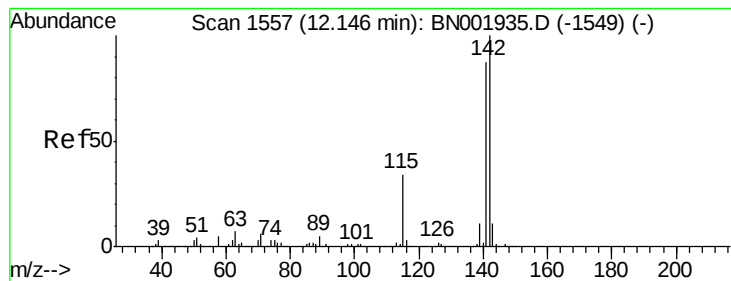


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.490 ng/ul

RT: 12.15 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

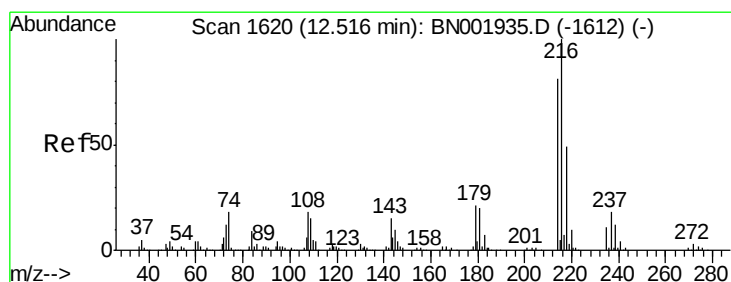
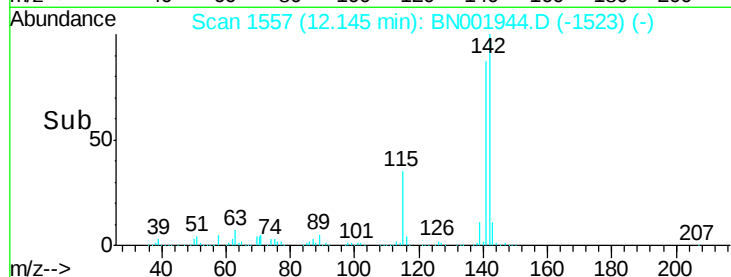
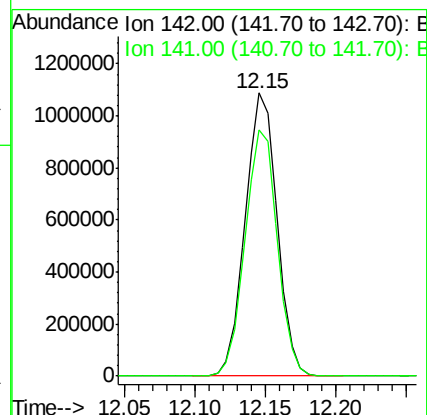
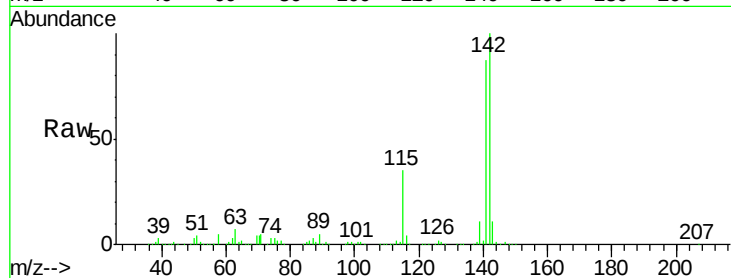
ClientSampleId :

Tot Ion:142 Resp: 1725707

Ion Ratio Lower Upper

142 100

141 87.2 71.4 107.2



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.928 ng/ul

RT: 12.52 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Tgt Ion:216 Resp: 875999

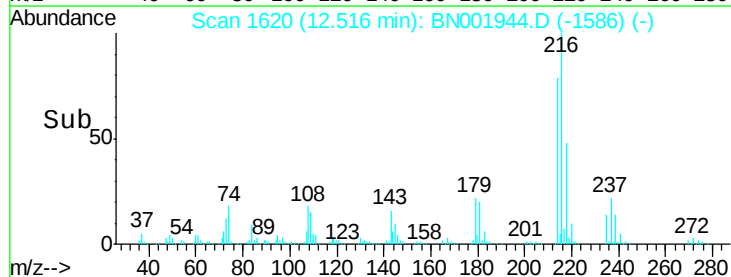
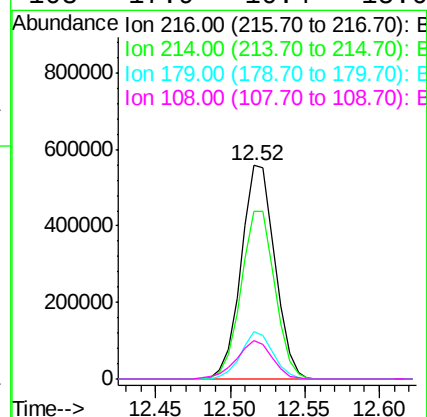
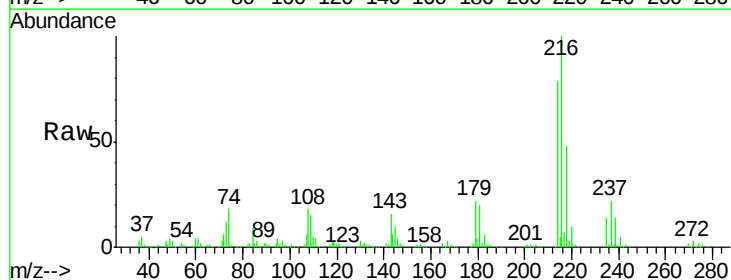
Ion Ratio Lower Upper

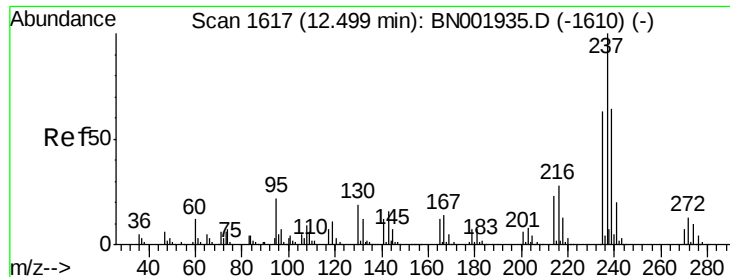
216 100

214 78.8 64.1 96.1

179 21.9 14.5 21.7#

108 17.9 10.4 15.6#

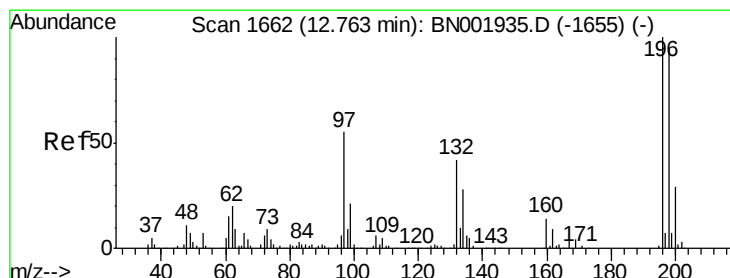
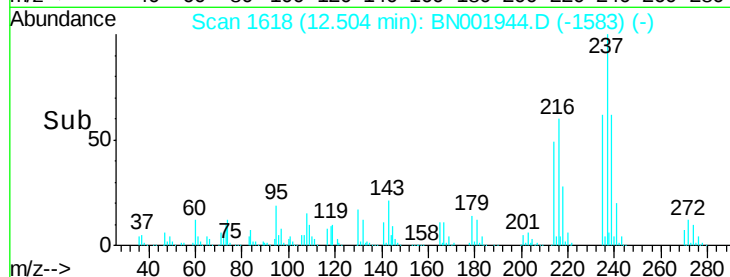
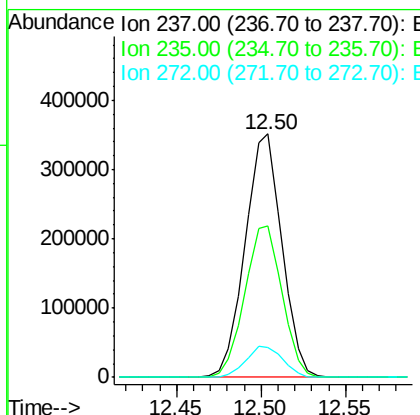
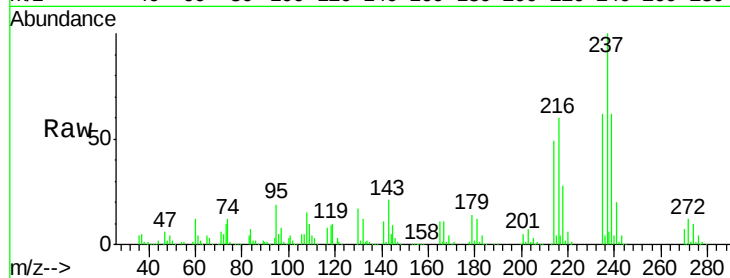




#37
Hexachlorocyclopentadiene
Concen: 19.867 ng/ul
RT: 12.50 min Scan# 1618
Delta R.T. 0.01 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

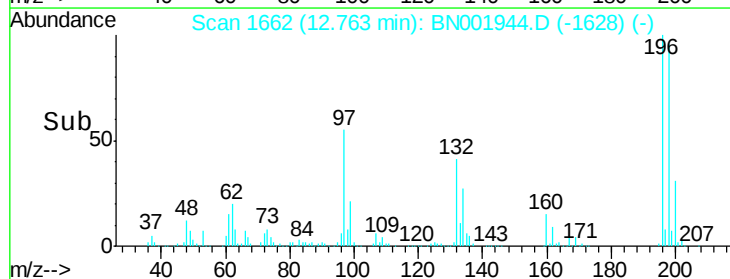
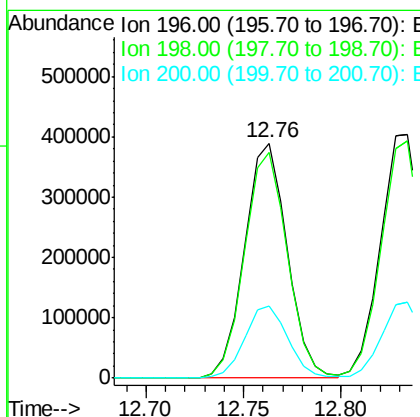
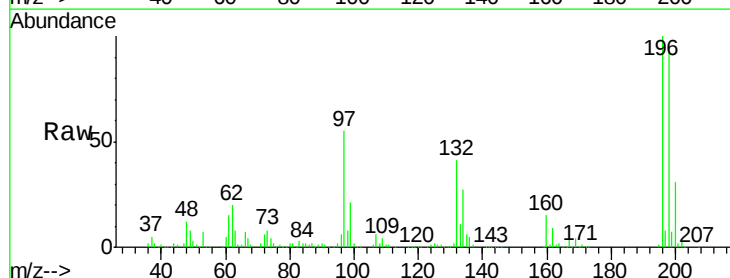
Instrument :
BNA_N
ClientSampled :

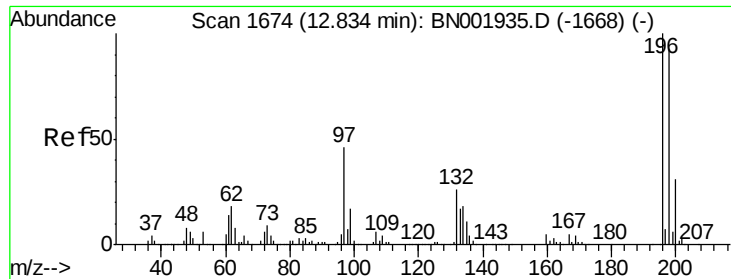
Tot Ion:237 Resp: 532465
Ion Ratio Lower Upper
237 100
235 62.2 49.5 74.3
272 12.3 8.6 12.8



#38
2,4,6-Trichlorophenol
Concen: 20.505 ng/ul
RT: 12.76 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

Tgt Ion:196 Resp: 587886
Ion Ratio Lower Upper
196 100
198 96.2 75.9 113.9
200 30.8 25.8 38.6

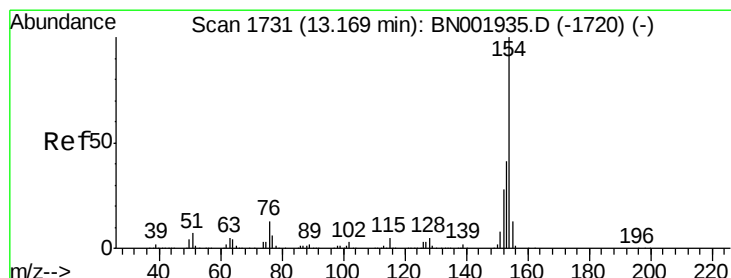
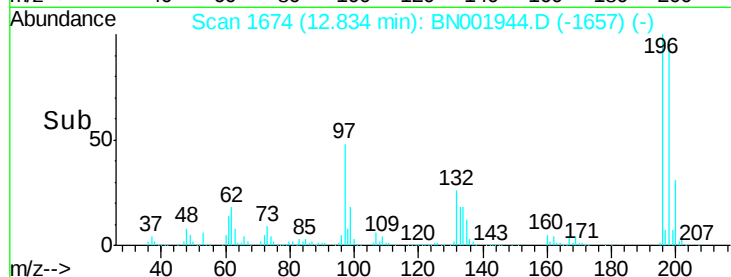
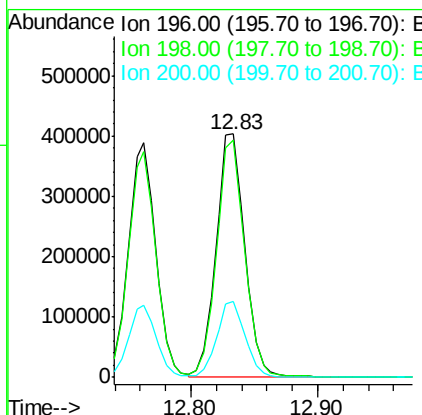
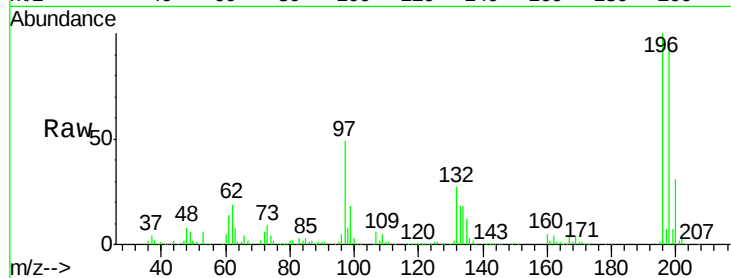




#39
 2,4,5-Trichlorophenol
 Concen: 20.666 ng/ul
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

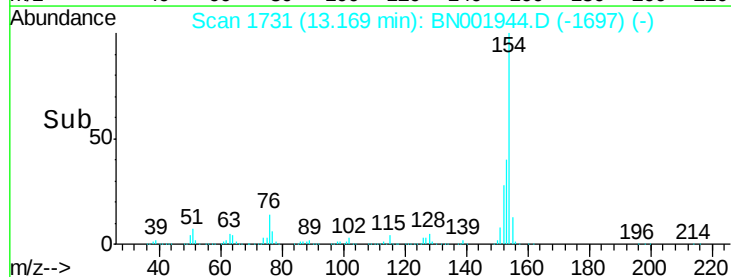
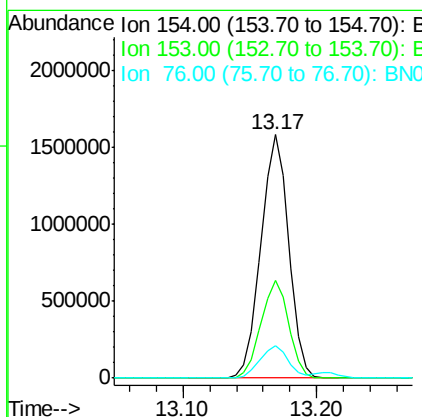
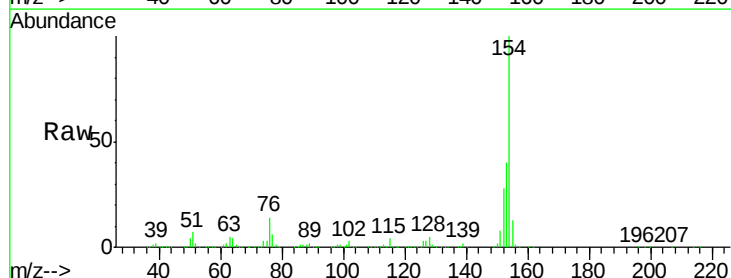
Instrument :
 BNA_N
 ClientSampled :

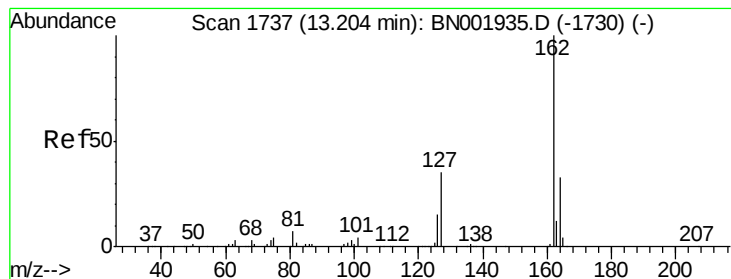
Tot Ion:196 Resp: 630908
 Ion Ratio Lower Upper
 196 100
 198 97.5 74.7 112.1
 200 31.1 25.4 38.0



#40
 1,1'-Biphenyl
 Concen: 20.209 ng/ul
 RT: 13.17 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

Tgt Ion:154 Resp: 2271933
 Ion Ratio Lower Upper
 154 100
 153 39.9 34.0 51.0
 76 13.5 8.4 12.6#





#41

2-Chloronaphthalene

Concen: 20.219 ng/ul

RT: 13.20 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

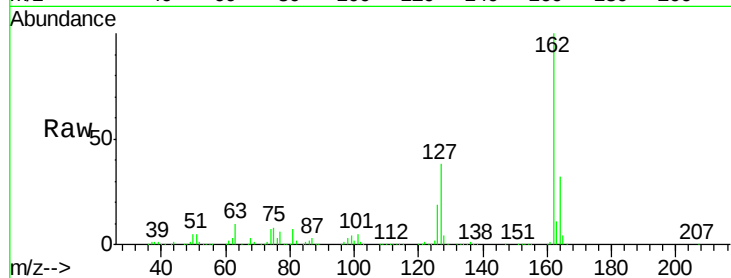
Tot Ion:162 Resp: 1774344

Ion Ratio Lower Upper

162 100

164 32.2 26.2 39.4

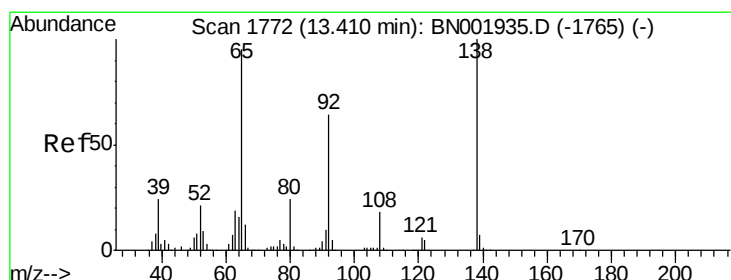
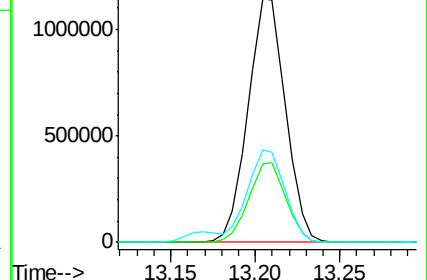
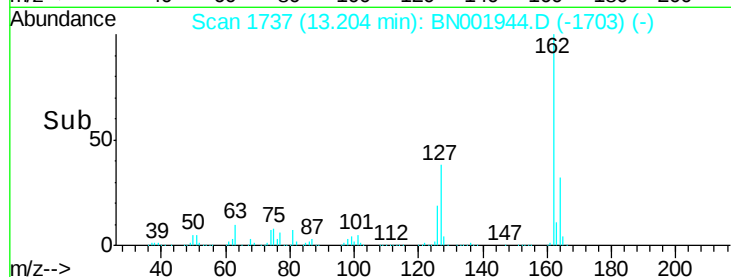
127 38.3 29.5 44.3



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



#42

2-Nitroaniline

Concen: 21.942 ng/ul

RT: 13.41 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

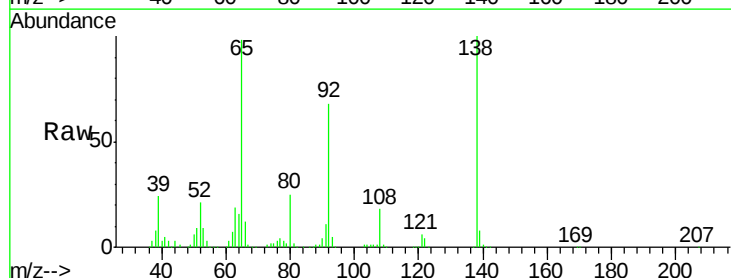
Tgt Ion: 65 Resp: 537199

Ion Ratio Lower Upper

65 100

92 69.1 57.0 85.4

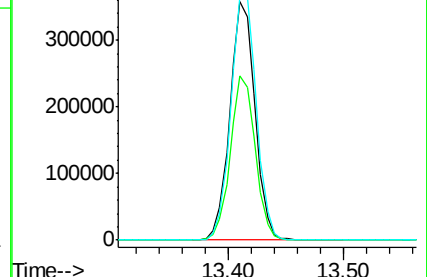
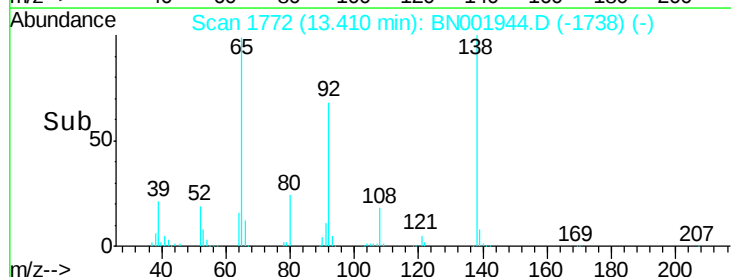
138 102.0 87.2 130.8

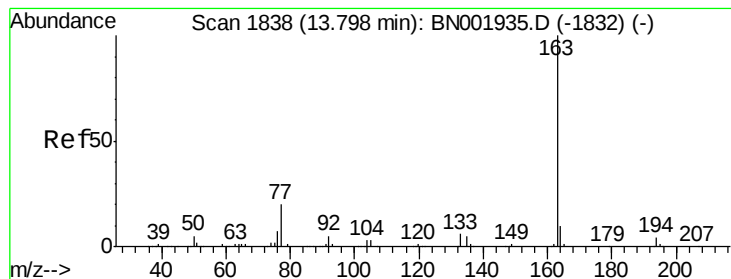


Abundance Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 20.265 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampled :

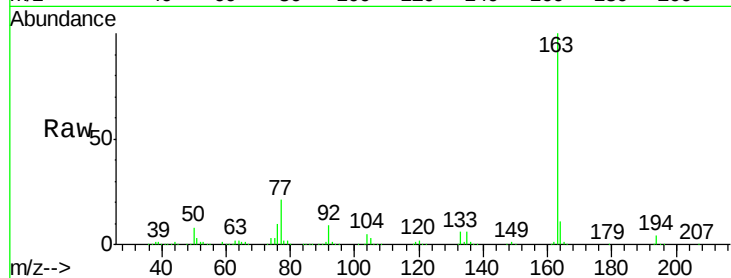
Tot Ion:163 Resp: 2276409

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

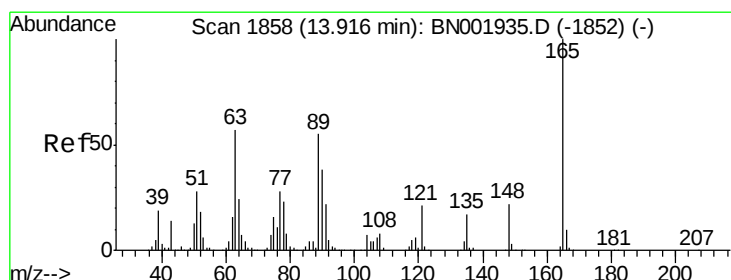
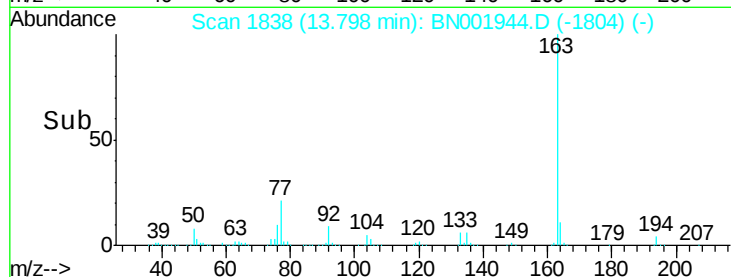
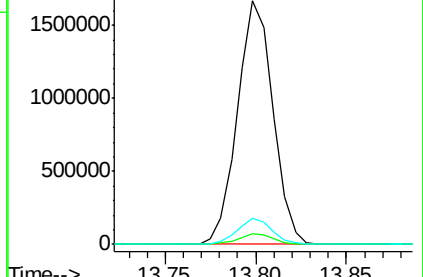
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 21.911 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

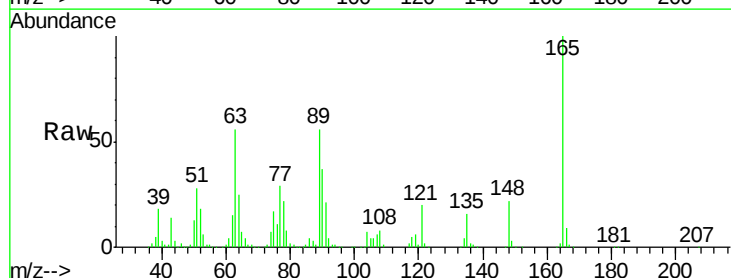
Tgt Ion:165 Resp: 464727

Ion Ratio Lower Upper

165 100

89 56.3 43.8 65.8

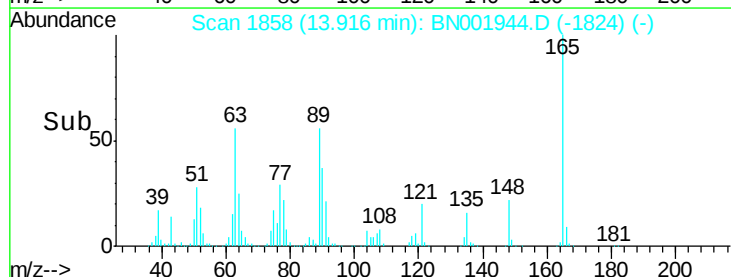
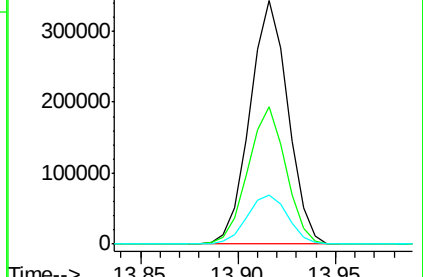
121 20.4 17.8 26.6

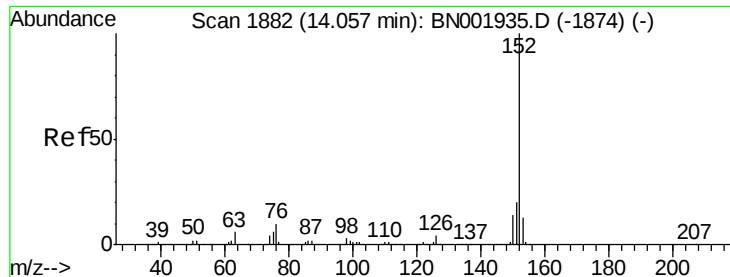


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.483 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

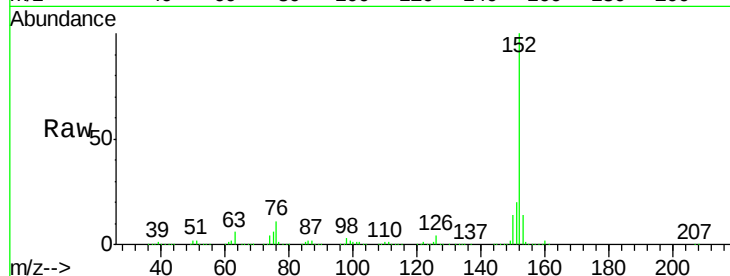
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 2789489

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.5	10.8	16.2

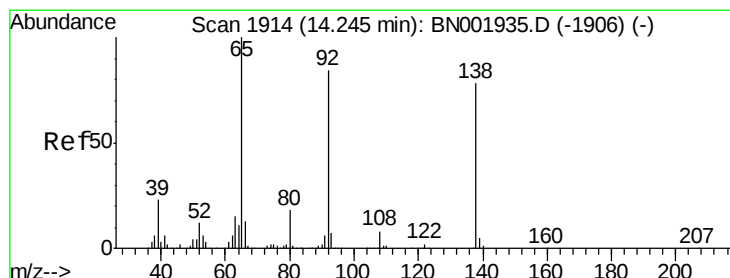
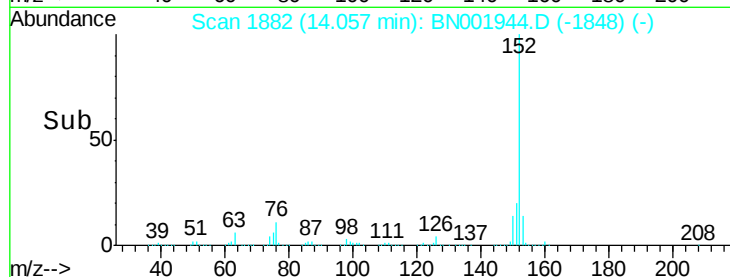
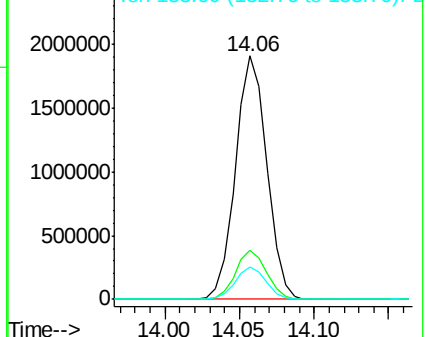


Abundance

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



#48

3-Nitroaniline

Concen: 23.811 ng/ul

RT: 14.24 min Scan# 1913

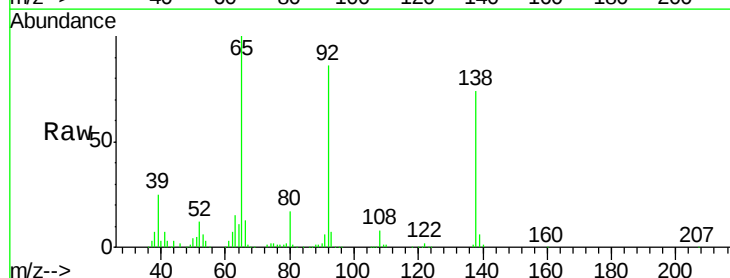
Delta R.T. -0.01 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Tgt Ion:138 Resp: 484840

Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.6	11.4
92	117.3	94.2	141.2

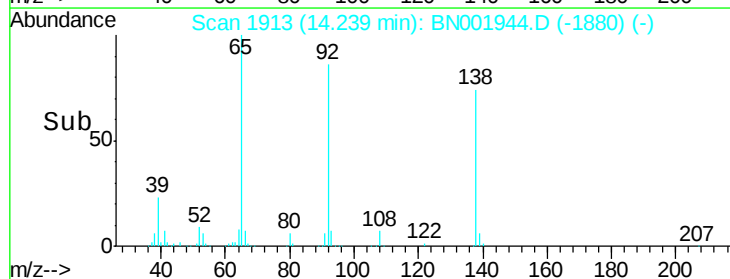
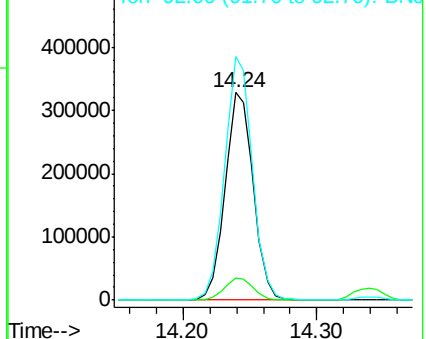


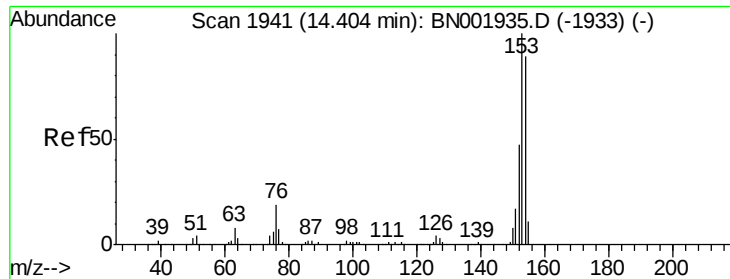
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 20.365 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

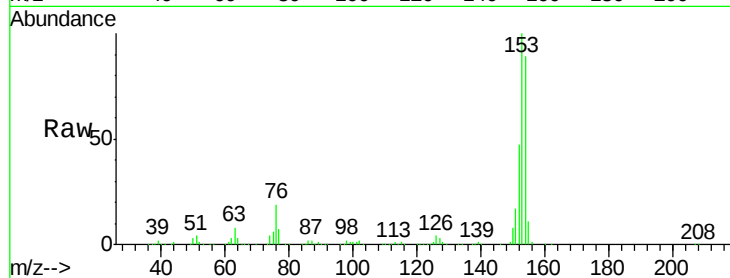
Tot Ion:153 Resp: 1923990

Ion Ratio Lower Upper

153 100

152 47.2 37.9 56.9

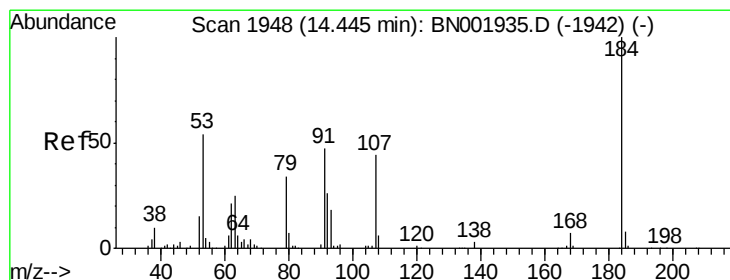
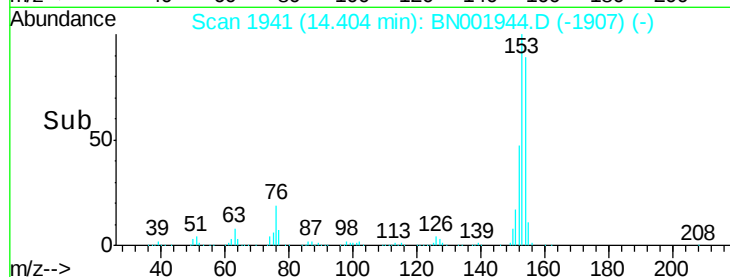
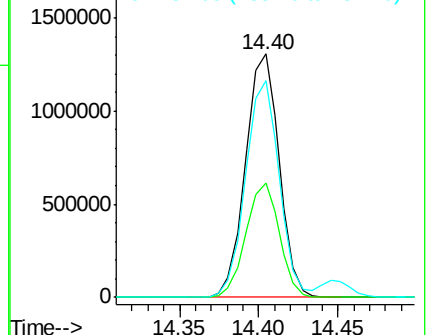
154 89.2 69.8 104.6



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



#50

2,4-Dinitrophenol

Concen: 20.801 ng/ul

RT: 14.45 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

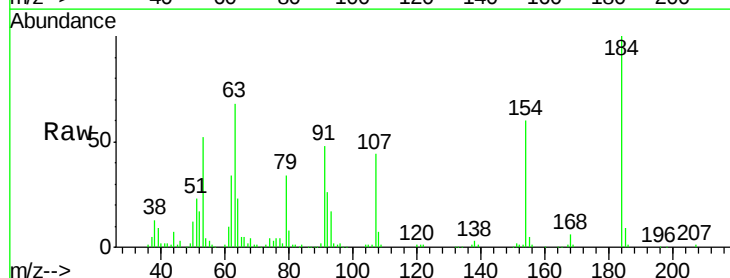
Tgt Ion:184 Resp: 226368

Ion Ratio Lower Upper

184 100

63 68.1 39.7 59.5#

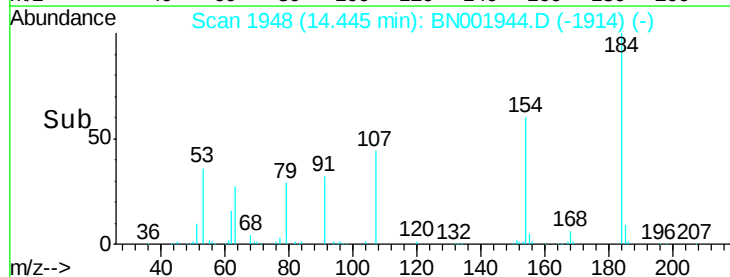
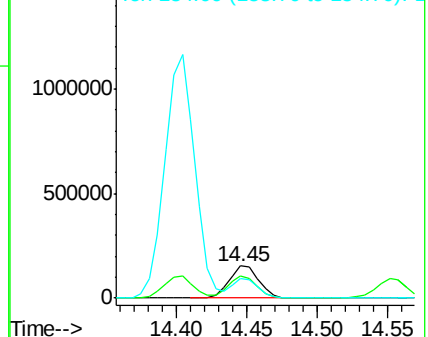
154 59.9 45.0 67.6

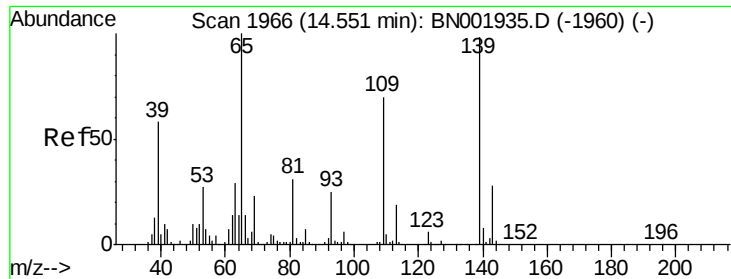


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

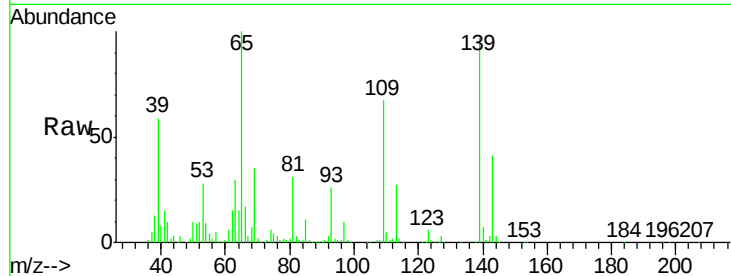




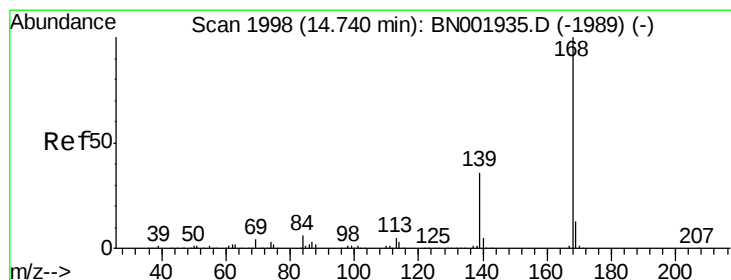
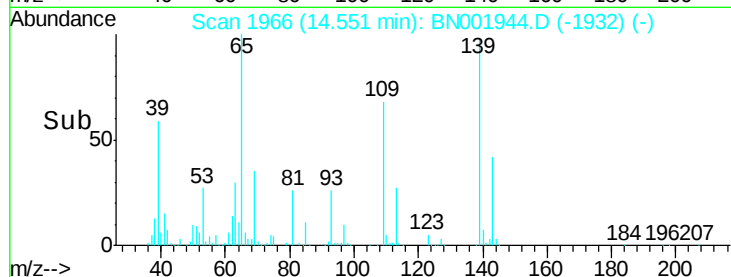
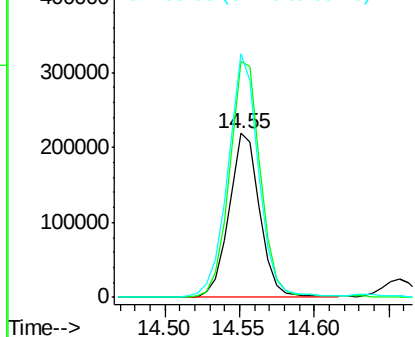
#52
4-Nitrophenol
Concen: 20.119 ng/ul
RT: 14.55 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:109 Resp: 314989
Ion Ratio Lower Upper
109 100
139 143.7 91.2 136.8#
65 148.5 92.6 139.0#

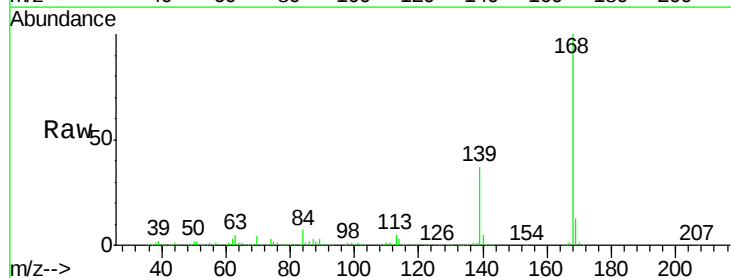


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNC

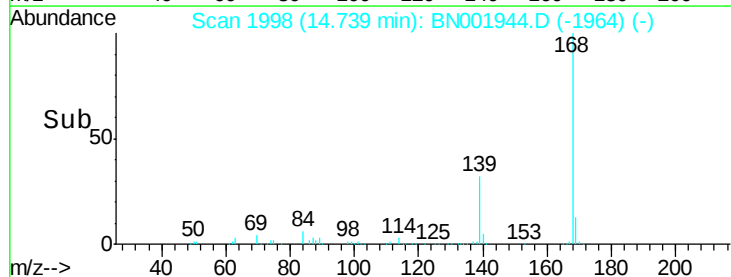
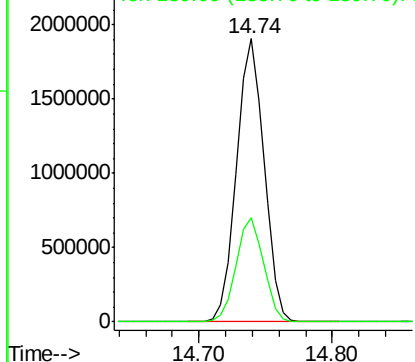


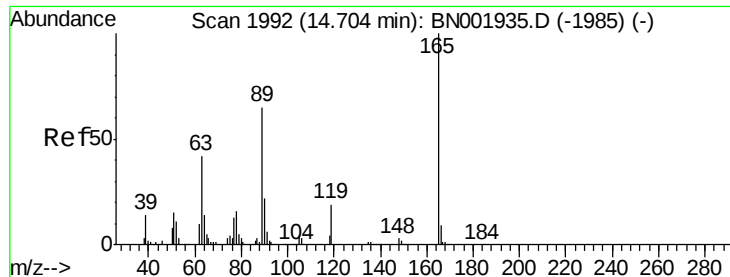
#53
Dibenzofuran
Concen: 20.134 ng/ul
RT: 14.74 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

Tgt Ion:168 Resp: 2728886
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

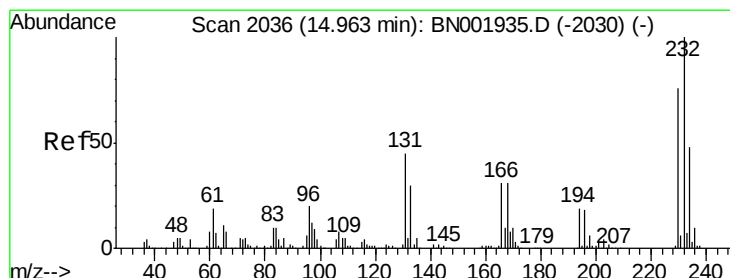
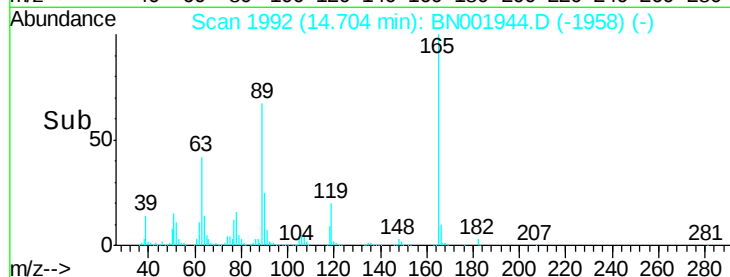
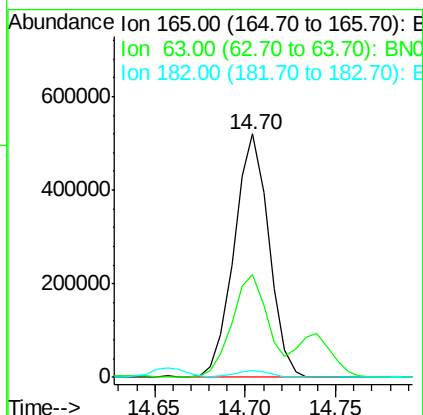
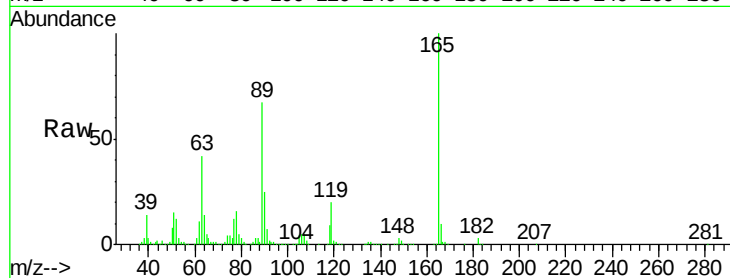




#54
 2,4-Dinitrotoluene
 Concen: 21.954 ng/ul
 RT: 14.70 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

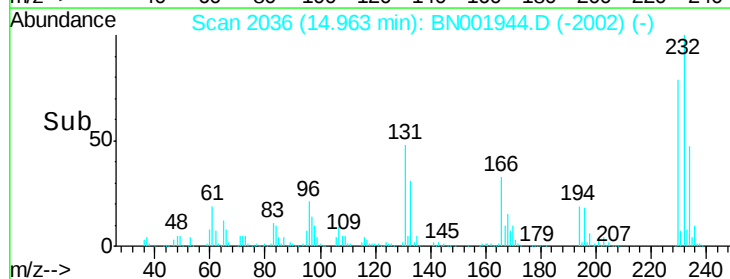
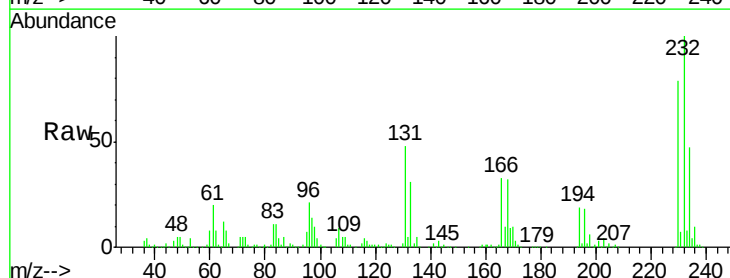
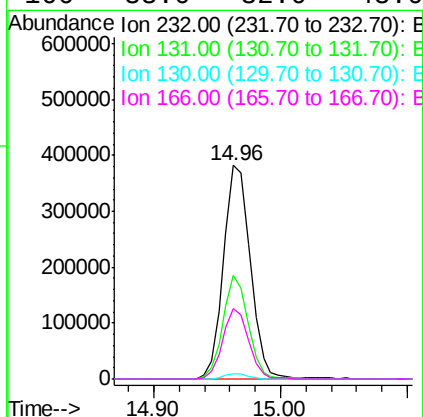
Instrument :
 BNA_N
 ClientSampleId :

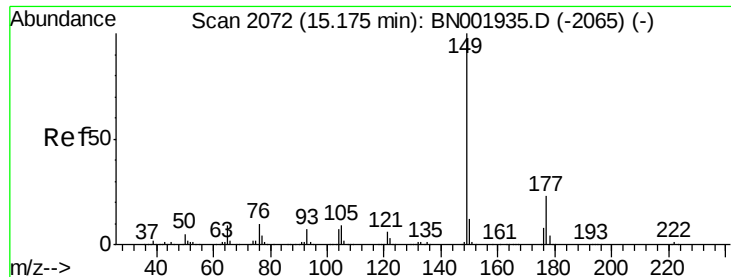
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	31.4	47.0
182	2.6	2.7	4.1#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.865 ng/ul
 RT: 14.96 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.5	48.0	72.0
130	2.3	4.0	6.0#
166	33.0	32.0	48.0





#56

Diethylphthalate

Concen: 20.376 ng/ul

RT: 15.17 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

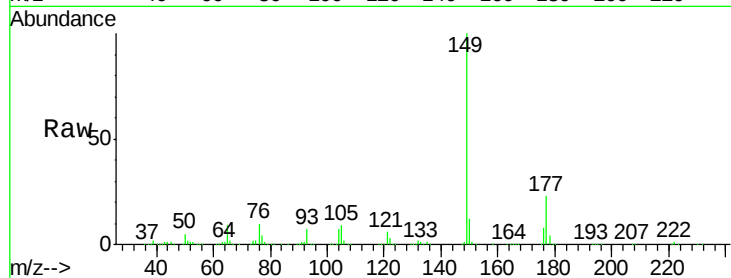
Tot Ion:149 Resp: 2319518

Ion Ratio Lower Upper

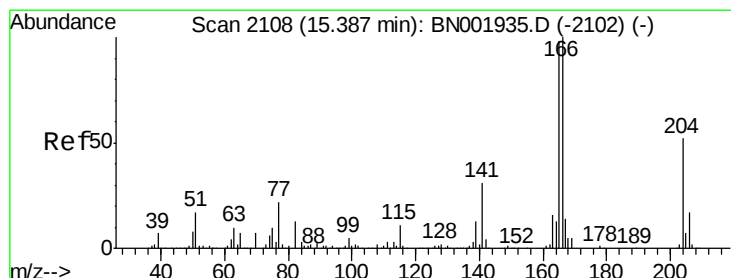
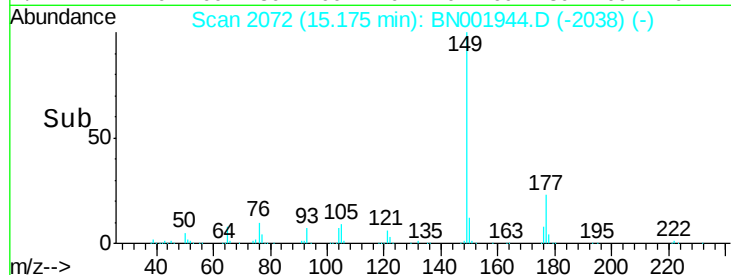
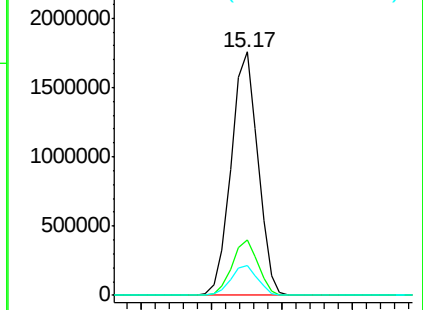
149 100

177 22.7 19.3 28.9

150 12.4 10.6 15.8



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: 20.217 ng/ul

RT: 15.39 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

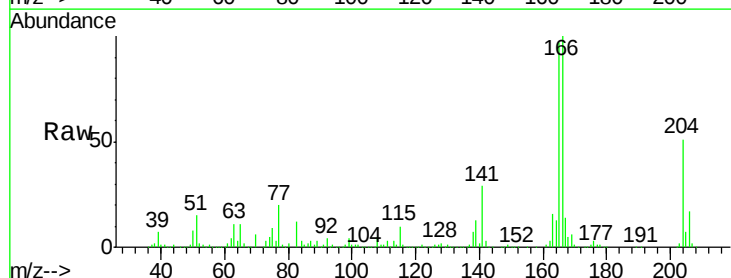
Tgt Ion:166 Resp: 2186107

Ion Ratio Lower Upper

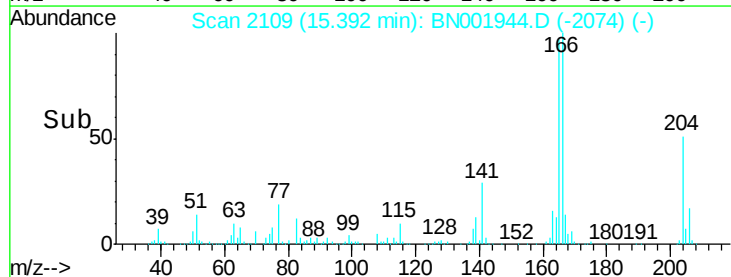
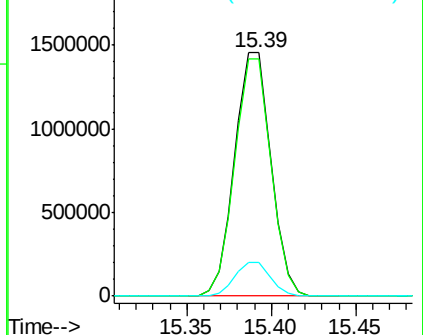
166 100

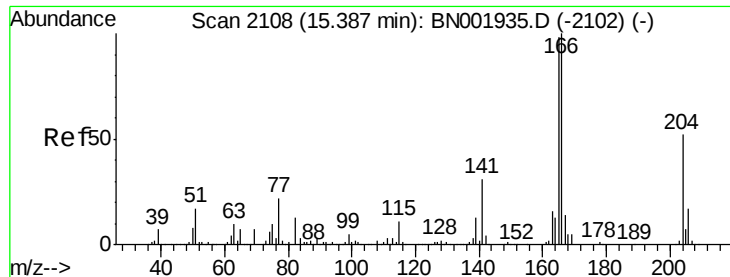
165 97.2 78.4 117.6

167 13.6 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

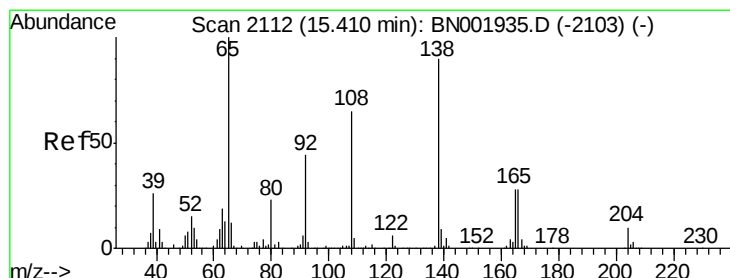
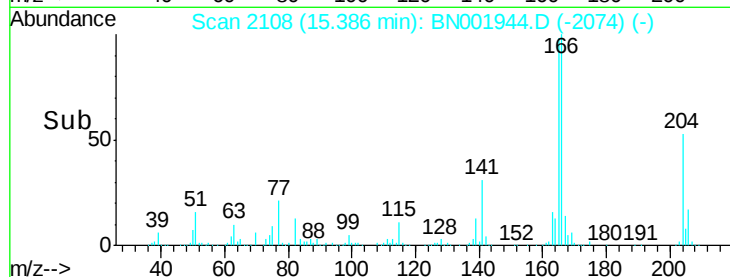
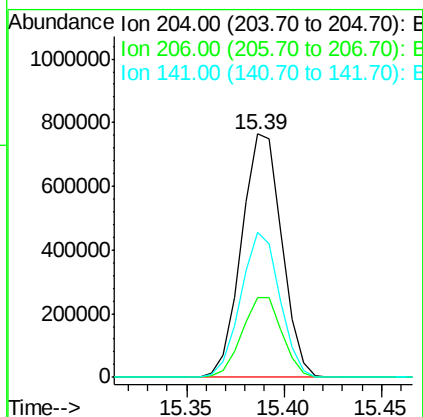
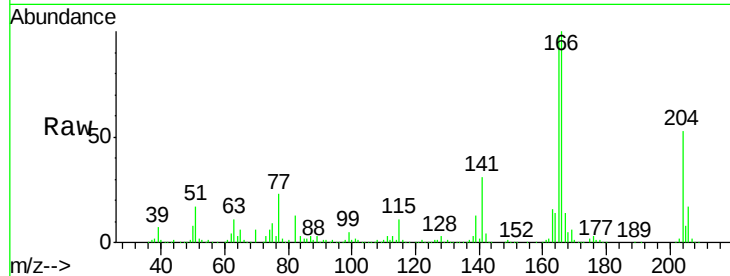




#59
 4-Chlorophenyl-phenylether
 Concen: 20.131 ng/ul
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

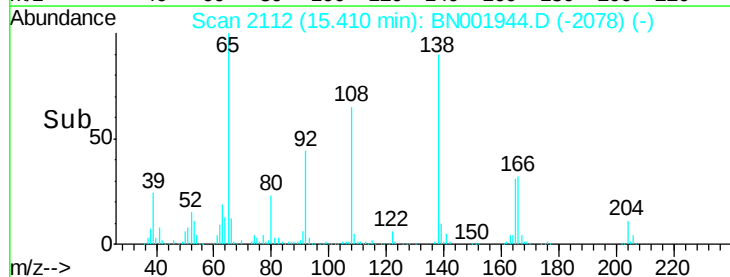
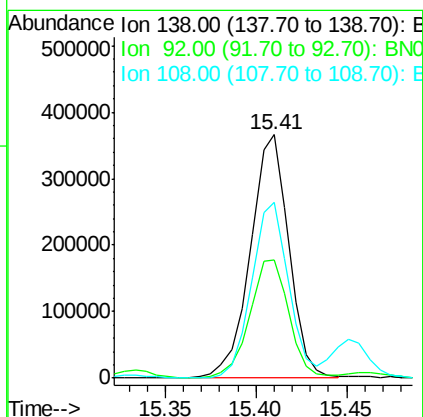
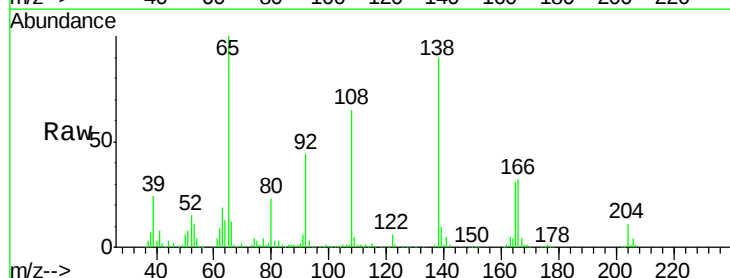
Instrument :
 BNA_N
 ClientSampleId :

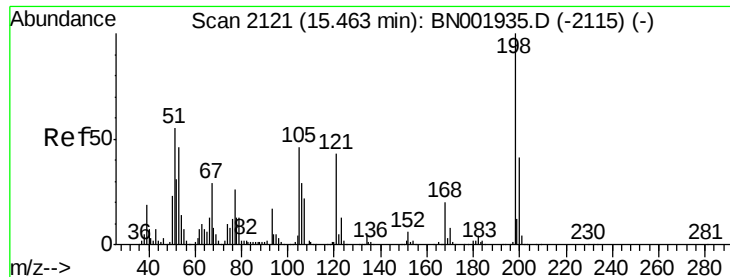
Tot Ion:204 Resp: 1090528
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.6 40.0
 141 59.8 40.7 61.1



#60
 4-Nitroaniline
 Concen: 21.450 ng/ul
 RT: 15.41 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

Tgt Ion:138 Resp: 539235
 Ion Ratio Lower Upper
 138 100
 92 48.5 38.2 57.4
 108 72.0 70.0 105.0

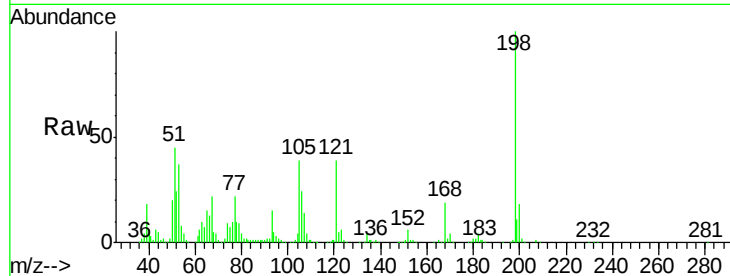




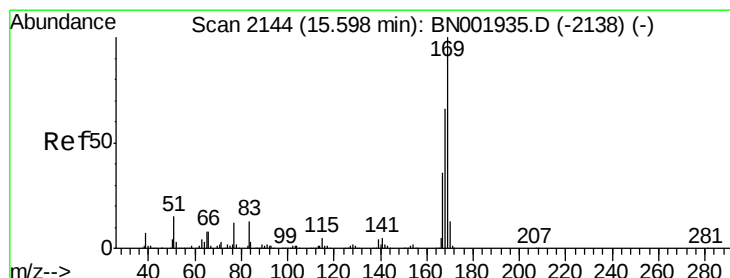
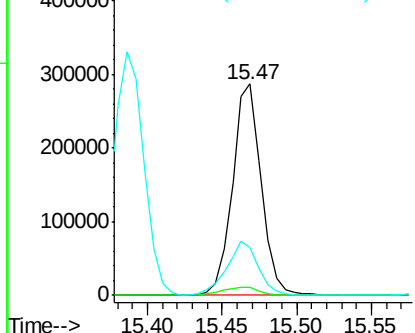
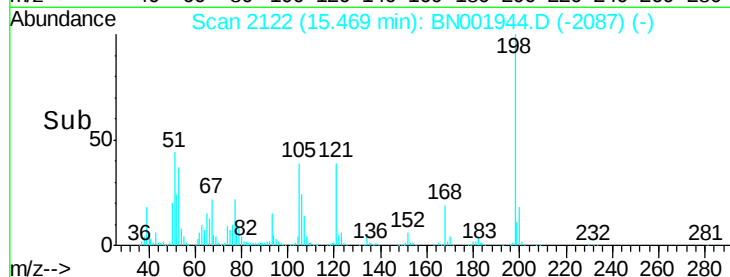
#63
 4,6-Dinitro-2-methylphenol
 Concen: 20.954 ng/ul
 RT: 15.47 min Scan# 2122
 Delta R.T. 0.01 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 384161
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.5 5.3
 77 22.4 18.2 27.4

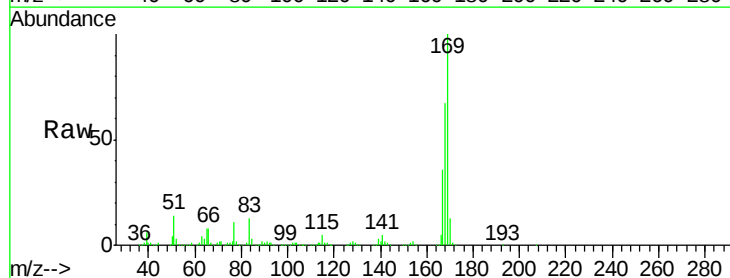


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

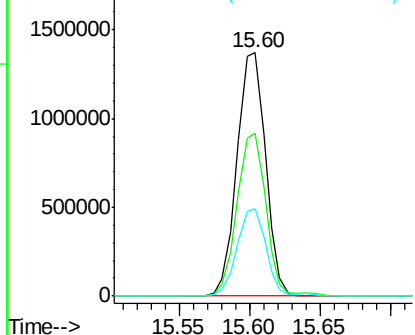
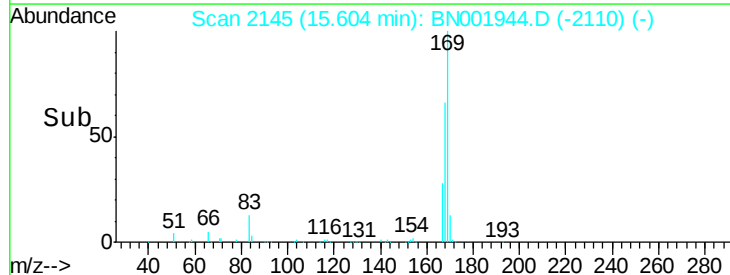


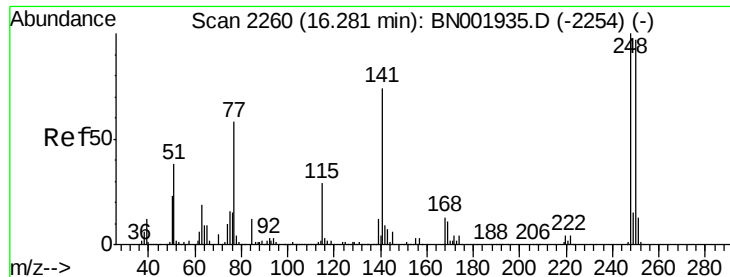
#64
 N-Nitrosodiphenylamine
 Concen: 20.476 ng/ul
 RT: 15.60 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

Tgt Ion:169 Resp: 1941905
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.8 80.8
 167 36.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#65

4-Bromophenyl-phenylether

Concen: 19.944 ng/ul

RT: 16.28 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

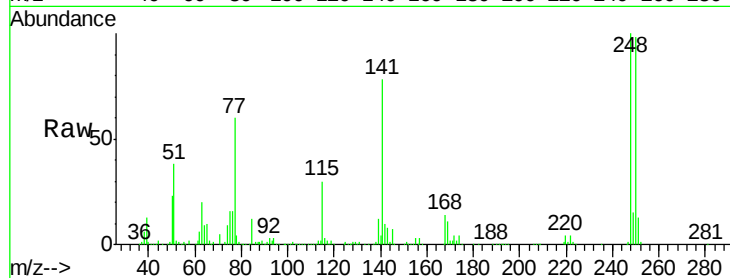
Tot Ion:248 Resp: 687031

Ion Ratio Lower Upper

248 100

250 98.4 79.0 118.4

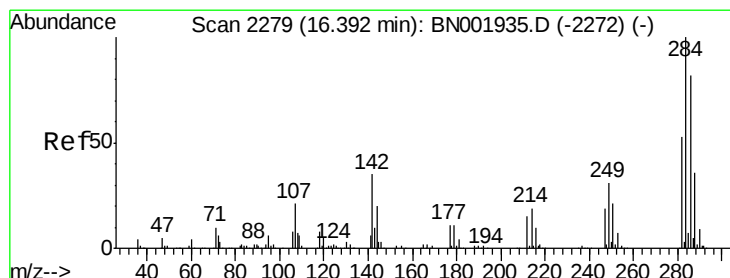
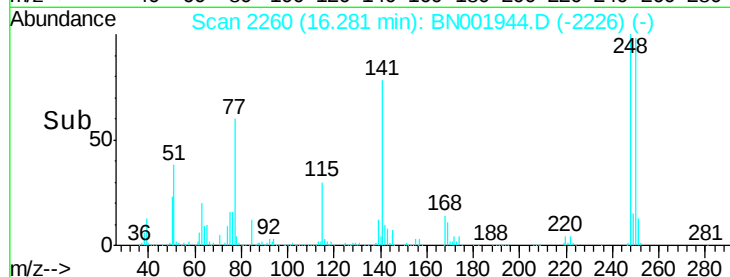
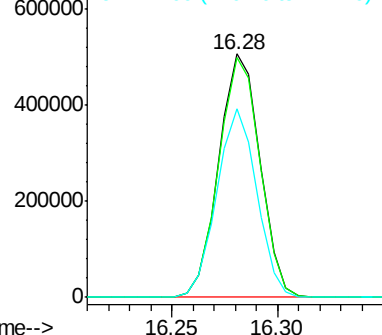
141 77.6 51.9 77.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66

Hexachlorobenzene

Concen: 19.879 ng/ul

RT: 16.39 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

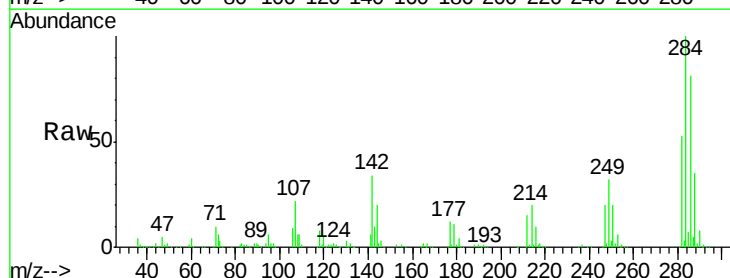
Tgt Ion:284 Resp: 771235

Ion Ratio Lower Upper

284 100

142 34.2 21.3 31.9#

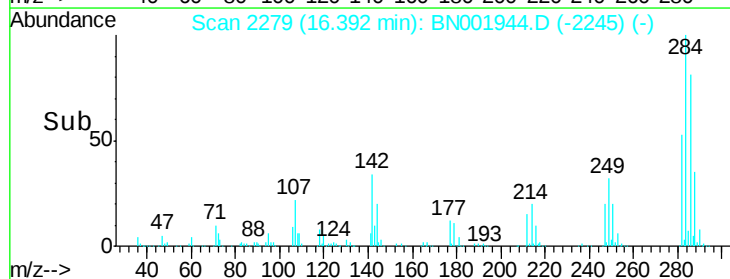
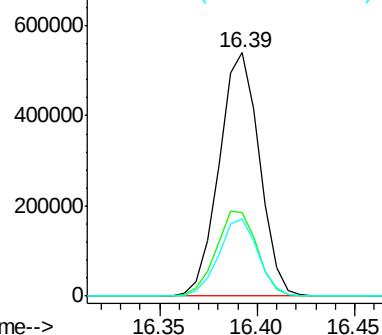
249 31.6 26.3 39.5

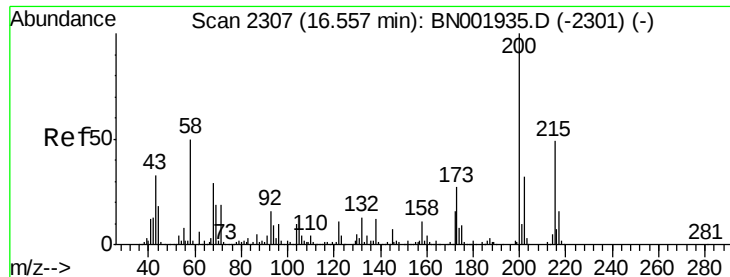


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

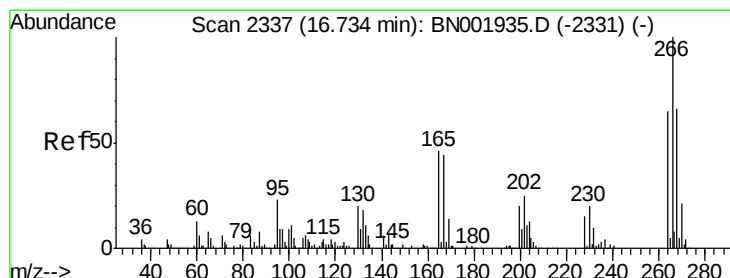
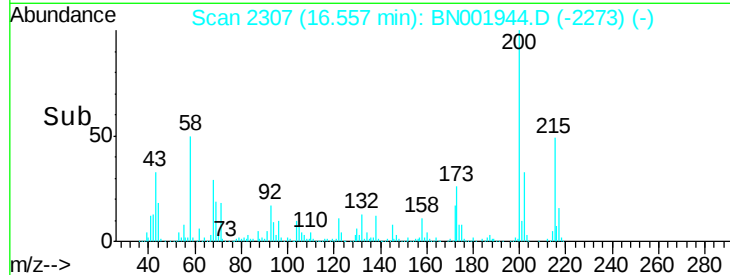
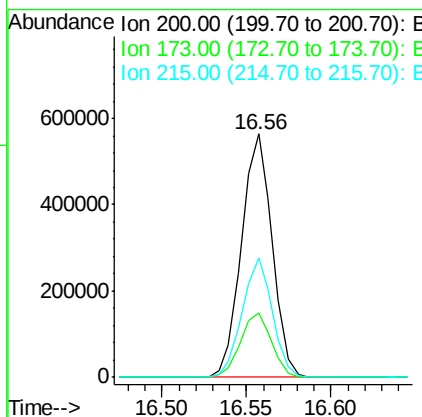
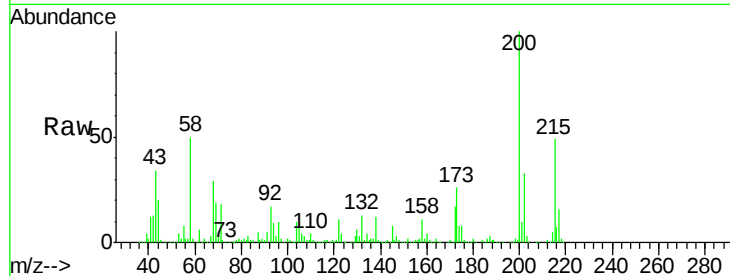




#67
 Atrazine
 Concen: 20.637 ng/ul
 RT: 16.56 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

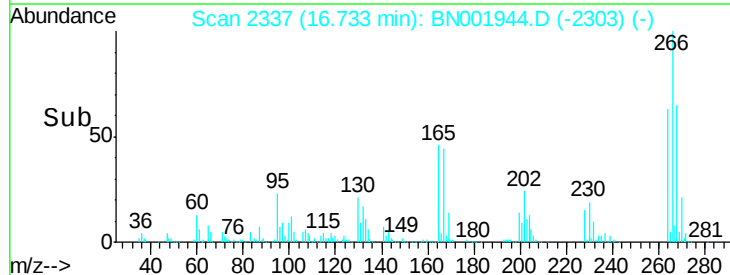
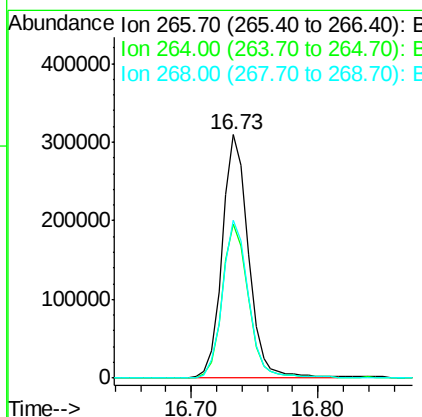
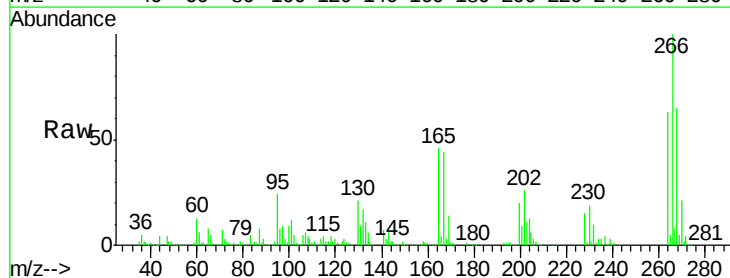
Instrument :
 BNA_N
 ClientSampleId :

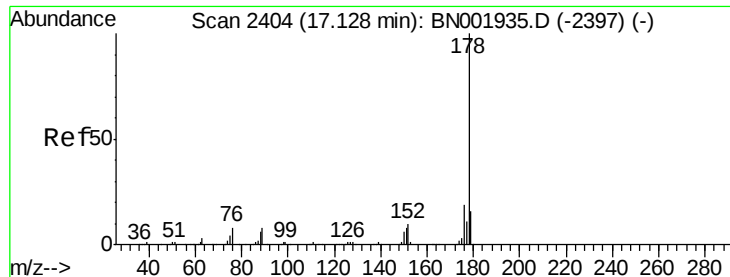
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	20.6	31.0
215	49.0	39.8	59.6



#68
 Pentachlorophenol
 Concen: 20.763 ng/ul
 RT: 16.73 min Scan# 2337
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.4	48.2	72.4
268	64.7	52.3	78.5





#69

Phenanthrene

Concen: 20.406 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

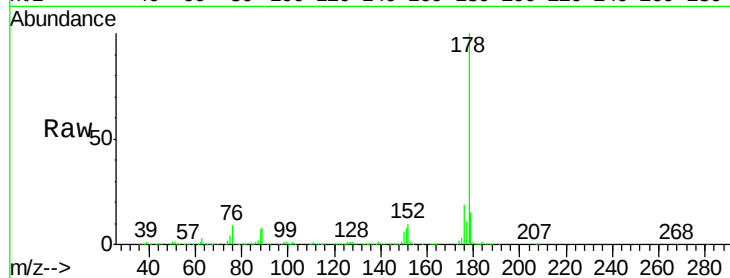
Tot Ion:178 Resp: 3645320

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

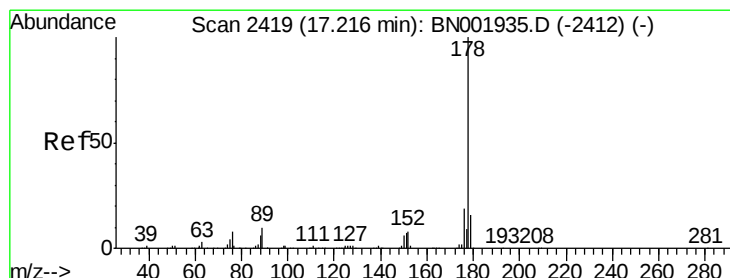
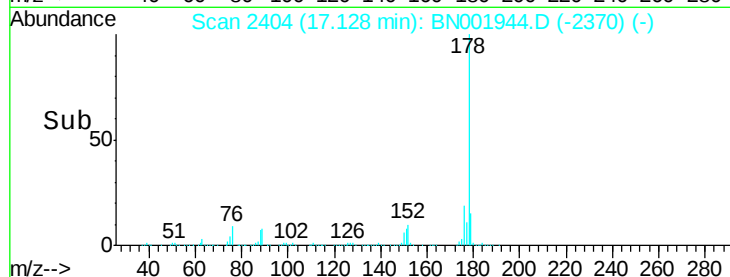
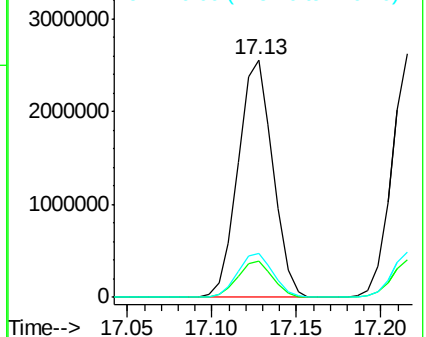
176 18.6 15.4 23.0



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



#71

Anthracene

Concen: 20.495 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

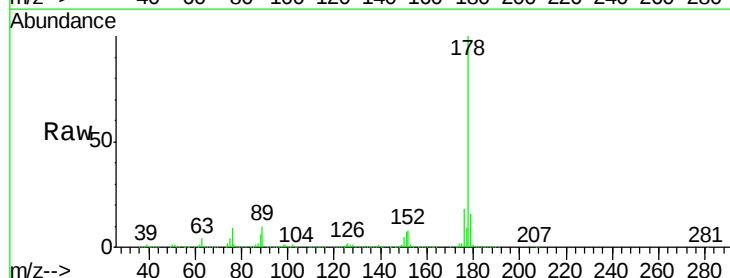
Tgt Ion:178 Resp: 3706063

Ion Ratio Lower Upper

178 100

179 15.6 13.4 20.2

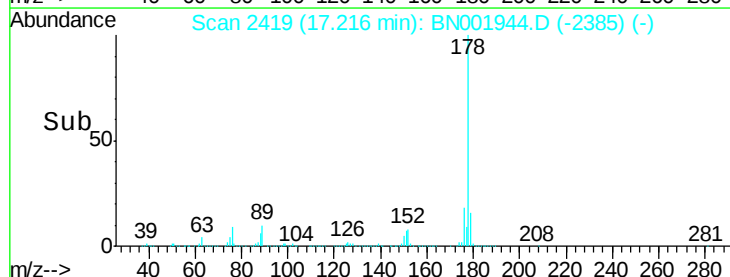
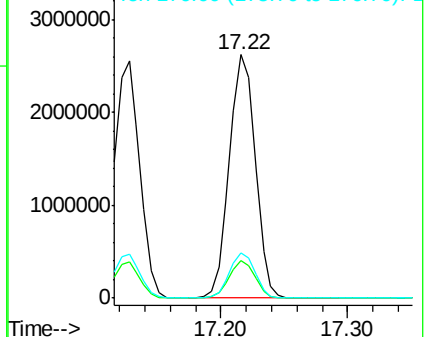
176 18.4 15.4 23.0

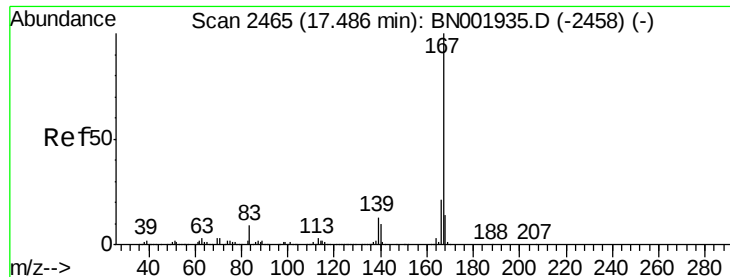


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

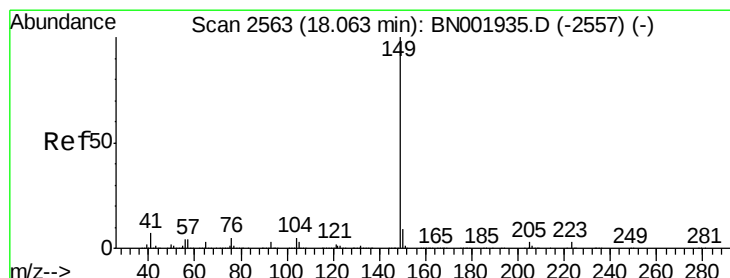
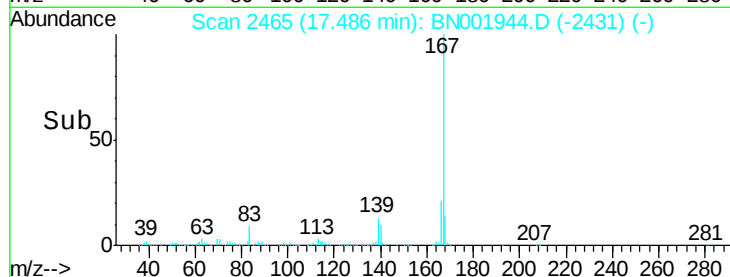
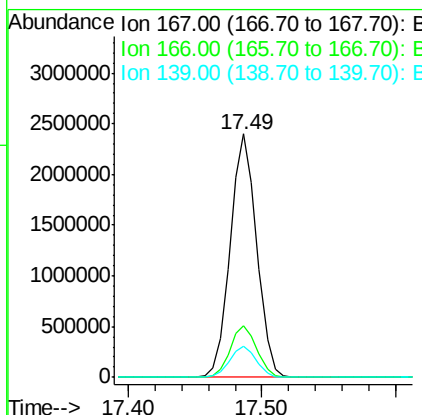
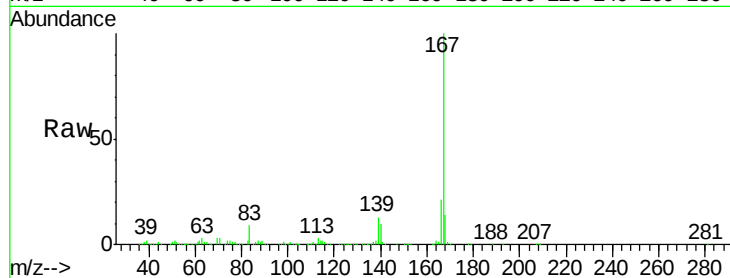




#72
 Carbazole
 Concen: 21.931 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

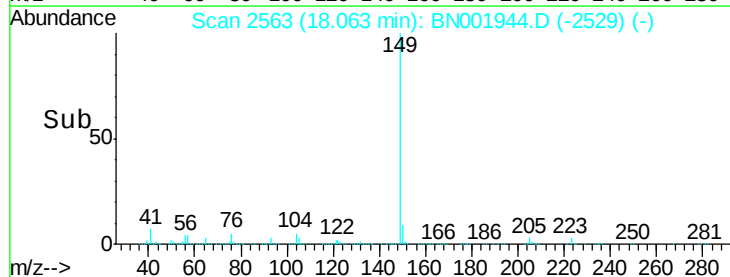
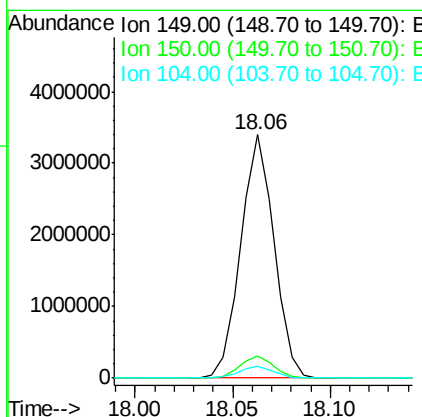
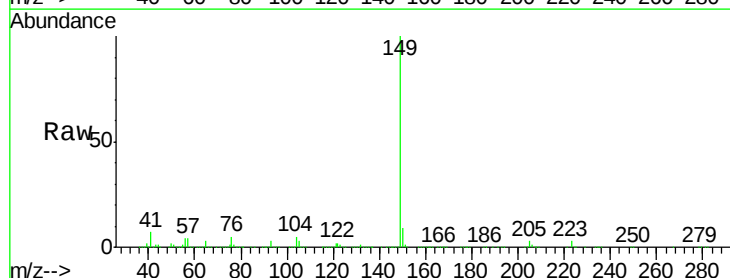
Instrument :
 BNA_N
 ClientSampleId :

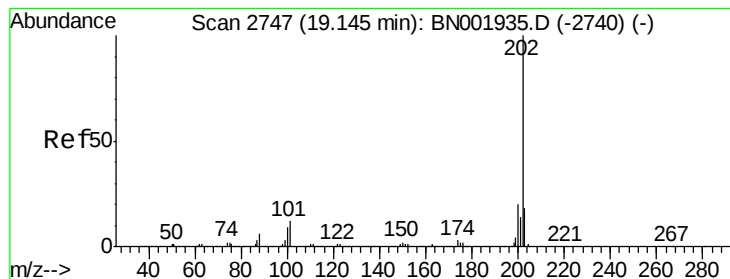
Tot Ion:167 Resp: 3322031
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 12.7 9.1 13.7



#73
 Di-n-butylphthalate
 Concen: 21.022 ng/ul
 RT: 18.06 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BN001944.D
 Acq: 03 Jul 2018 15:31

Tgt Ion:149 Resp: 4020793
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1





#74

Fluoranthene

Concen: 22.806 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

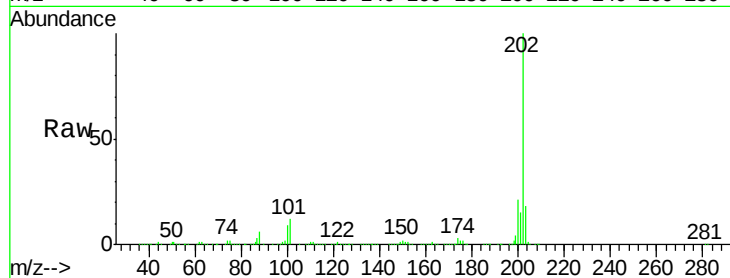
Tot Ion:202 Resp: 4282388

Ion Ratio Lower Upper

202 100

101 11.8 6.1 9.1#

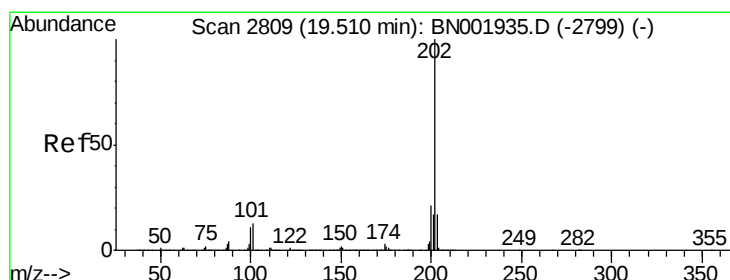
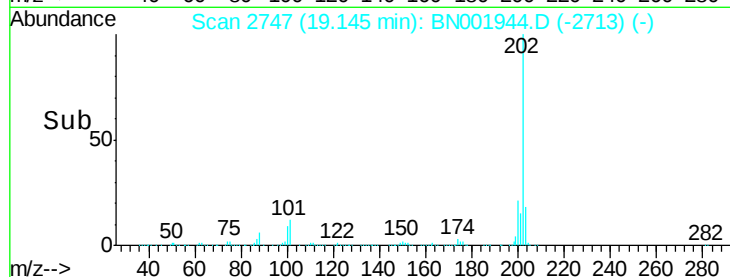
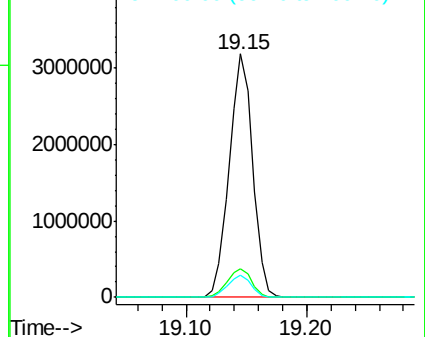
100 9.1 4.6 7.0#



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

Pyrene

Concen: 20.805 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

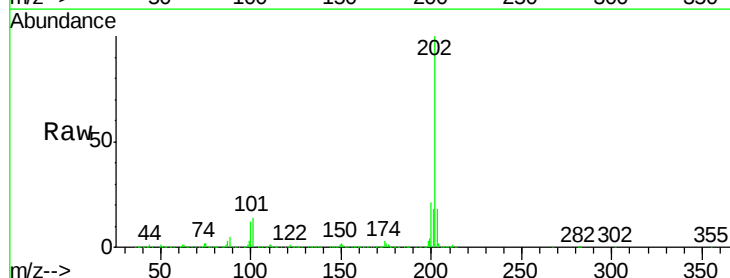
Tgt Ion:202 Resp: 4383230

Ion Ratio Lower Upper

202 100

101 14.1 6.9 10.3#

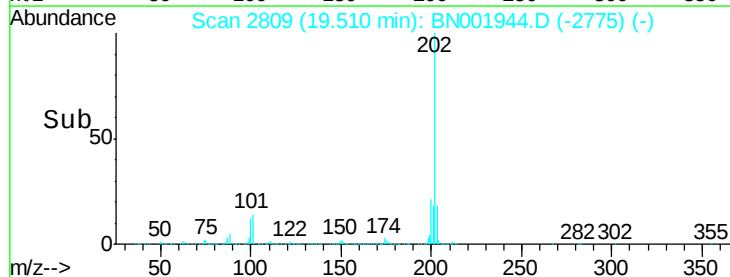
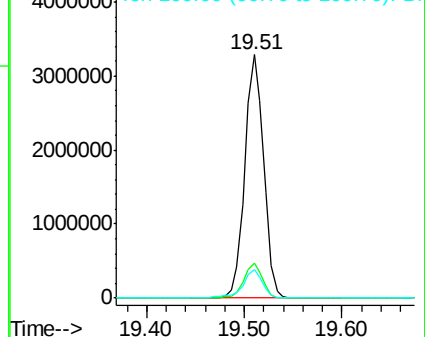
100 11.6 5.6 8.4#

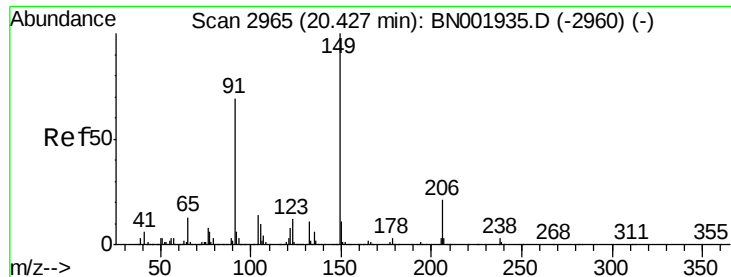


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

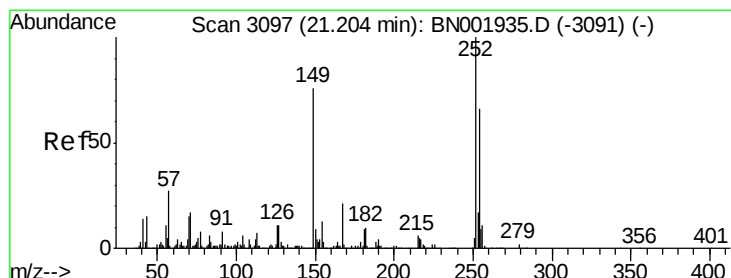
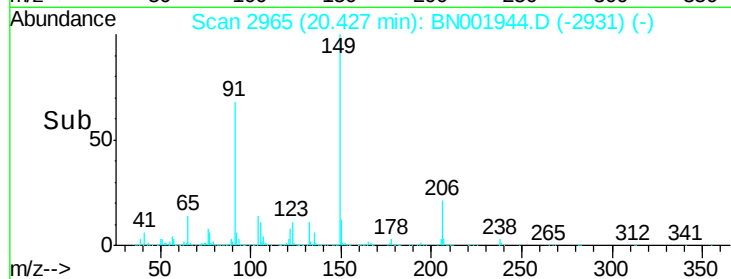
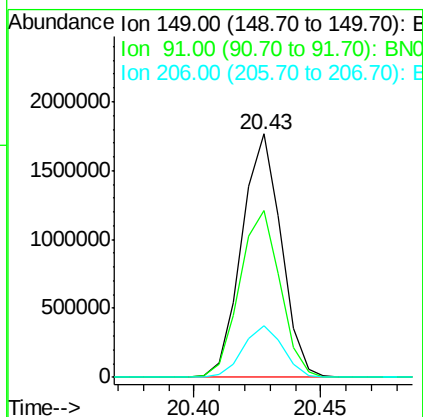
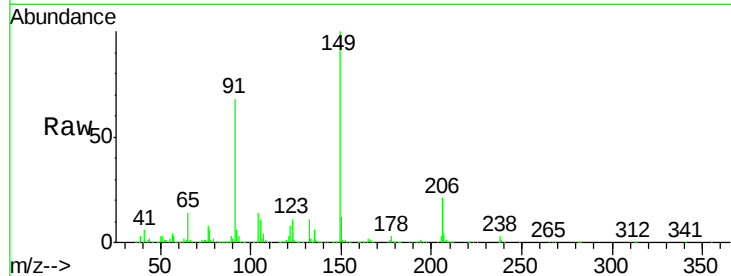




#78
Butylbenzylphthalate
Concen: 21.176 ng/ul
RT: 20.43 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

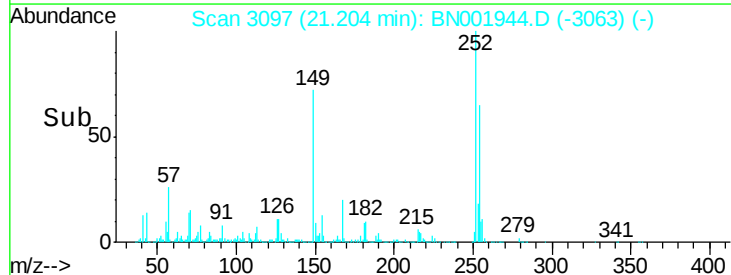
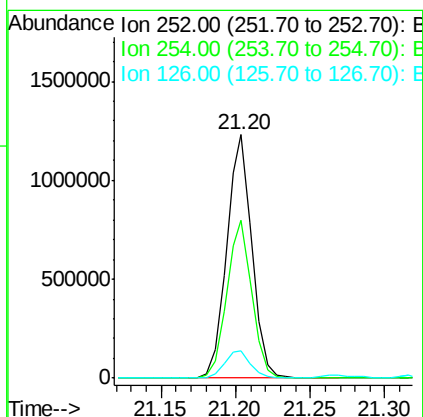
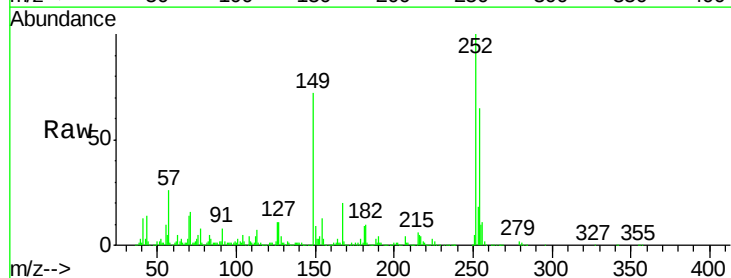
Instrument :
BNA_N
ClientSampleId :

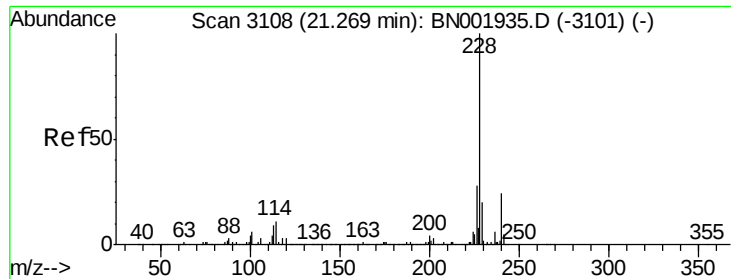
Tot Ion:149 Resp: 1903732
Ion Ratio Lower Upper
149 100
91 68.3 53.4 80.0
206 21.1 19.3 28.9



#79
3,3'-Dichlorobenzidine
Concen: 22.820 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

Tgt Ion:252 Resp: 1457887
Ion Ratio Lower Upper
252 100
254 64.8 52.8 79.2
126 11.3 6.9 10.3#

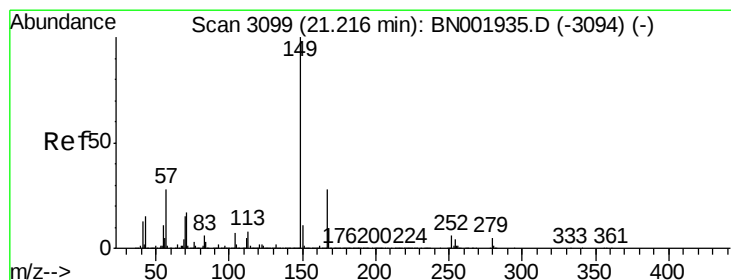
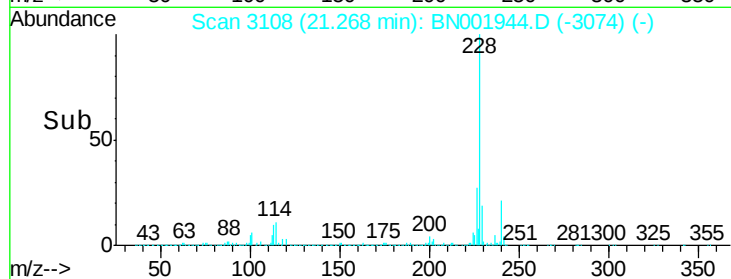
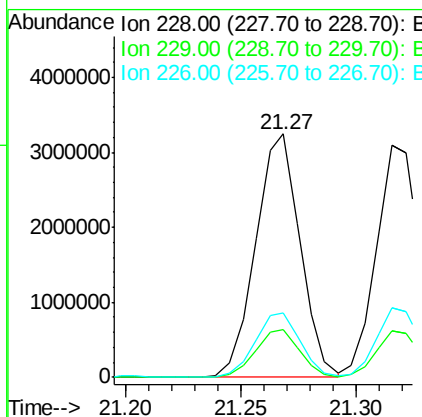
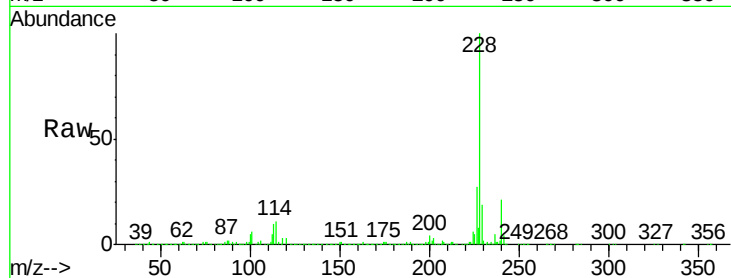




#80
Benzo(a)anthracene
Concen: 20.365 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

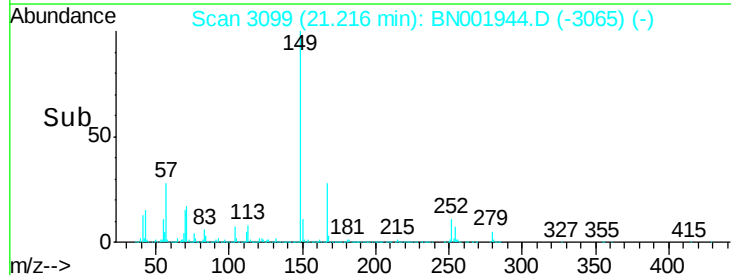
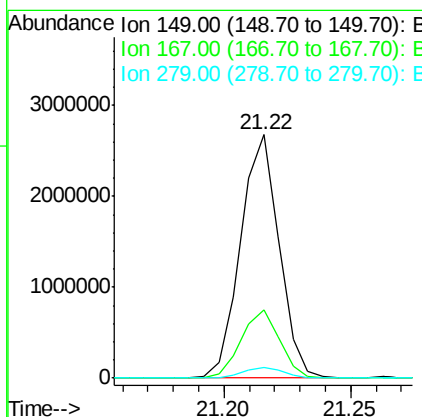
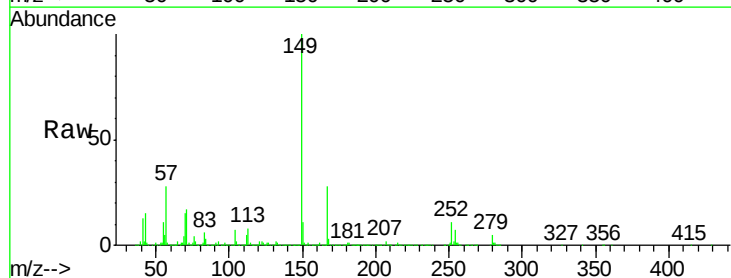
Instrument :
BNA_N
ClientSampleId :

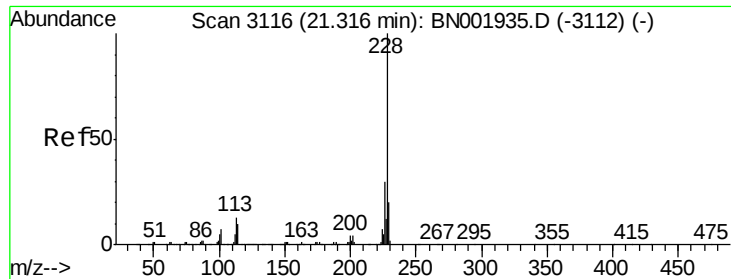
Tot Ion:228 Resp: 4332968
Ion Ratio Lower Upper
228 100
229 19.4 16.0 24.0
226 26.7 21.8 32.8



#81
Bis(2-ethylhexyl)phthalate
Concen: 21.122 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BN001944.D
Acq: 03 Jul 2018 15:31

Tgt Ion:149 Resp: 2831597
Ion Ratio Lower Upper
149 100
167 28.2 23.0 34.6
279 4.6 4.3 6.5





#82

Chrysene

Concen: 20.351 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

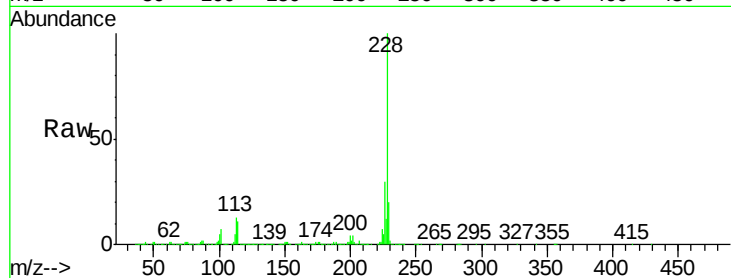
Tot Ion:228 Resp: 4028882

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

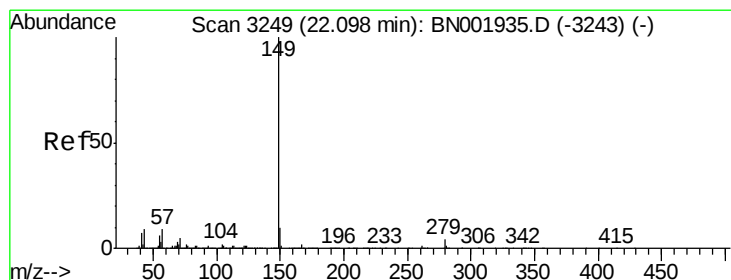
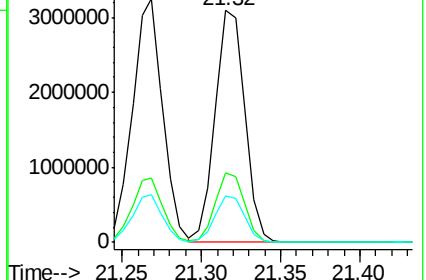
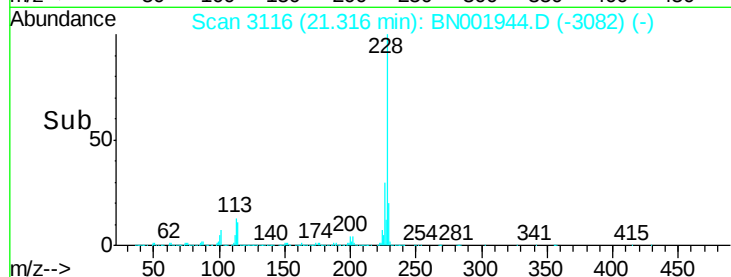
229 20.2 16.0 24.0



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



#84

Di-n-octyl phthalate

Concen: 22.304 ng/ul

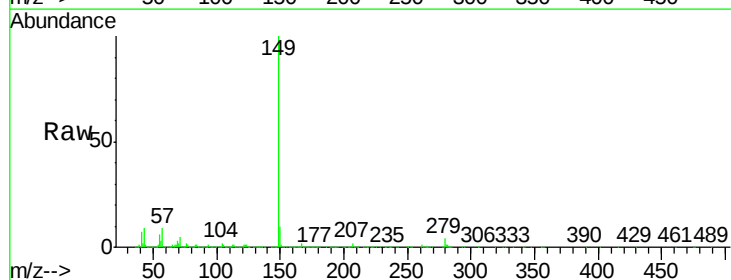
RT: 22.10 min Scan# 3249

Delta R.T. -0.00 min

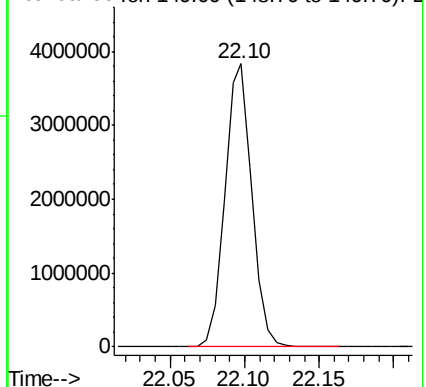
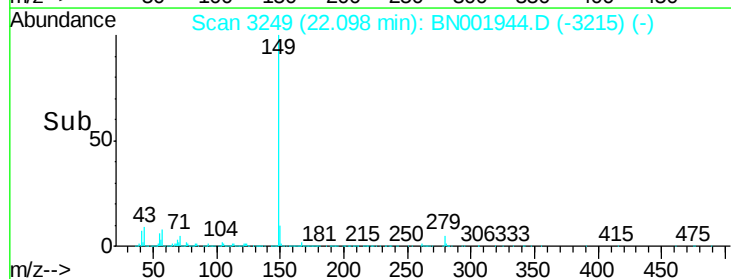
Lab File: BN001944.D

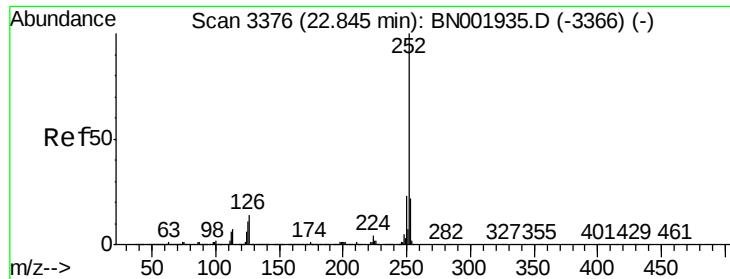
Acq: 03 Jul 2018 15:31

Tgt Ion:149 Resp: 4830110



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 20.918 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

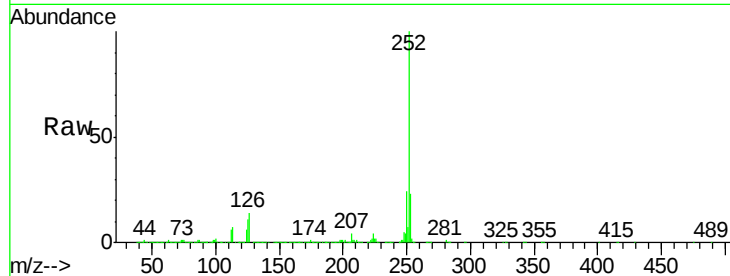
Tot Ion:252 Resp: 4314299

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

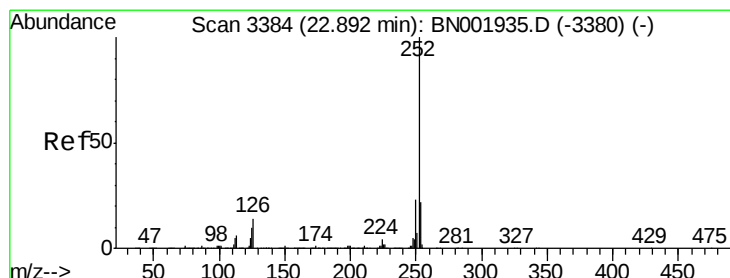
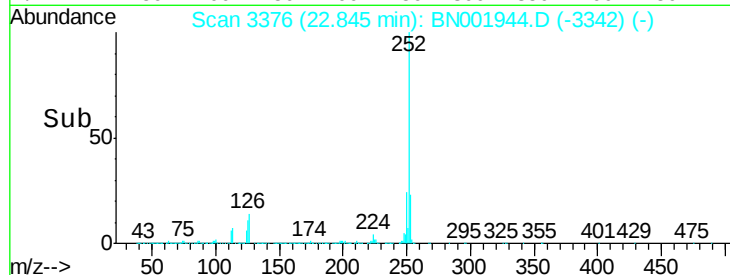
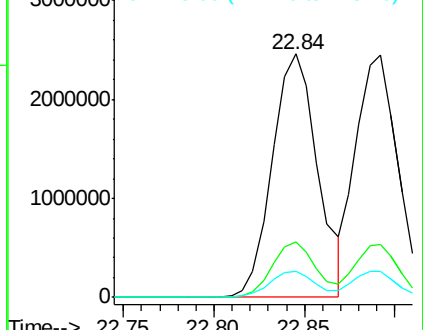
125 10.9 4.9 7.3#



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



#86

Benzo(k)fluoranthene

Concen: 19.684 ng/ul

RT: 22.89 min Scan# 3384

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

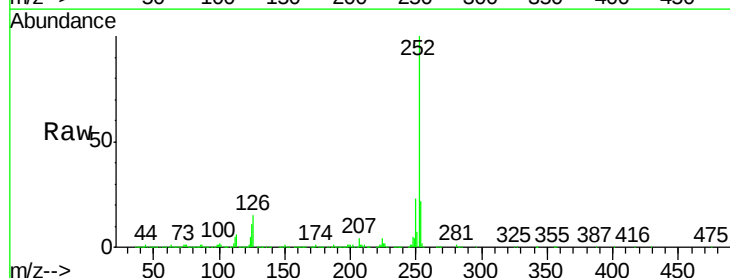
Tgt Ion:252 Resp: 3936760

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

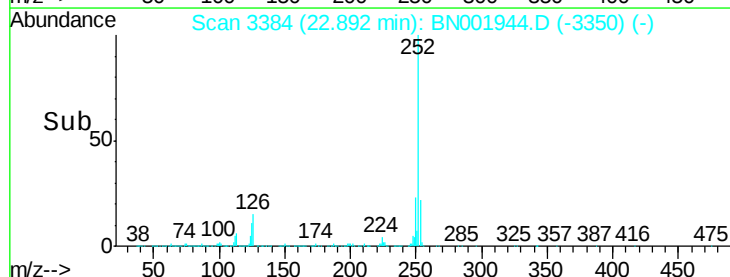
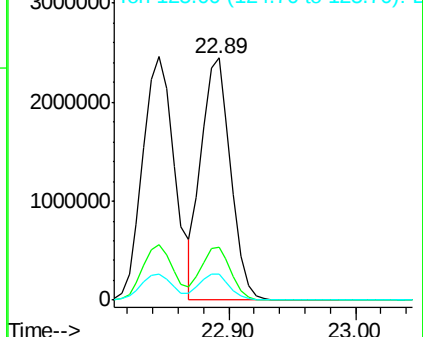
125 10.5 5.4 8.0#

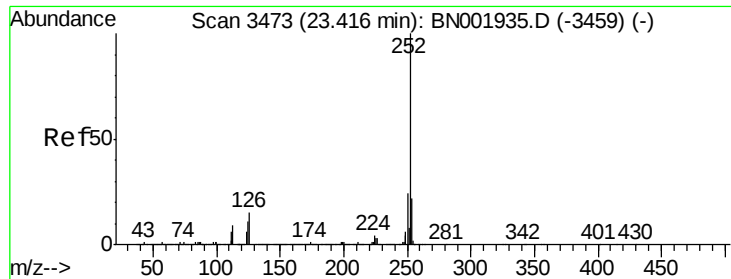


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.275 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampled :

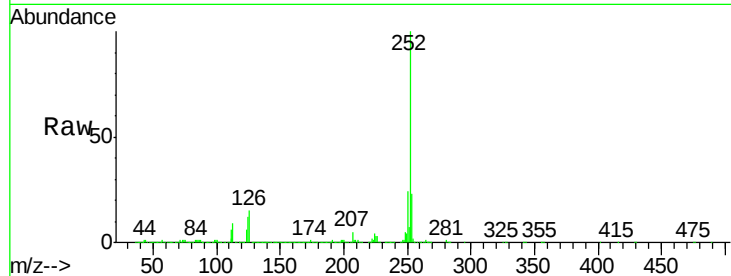
Tot Ion:252 Resp: 3907702

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

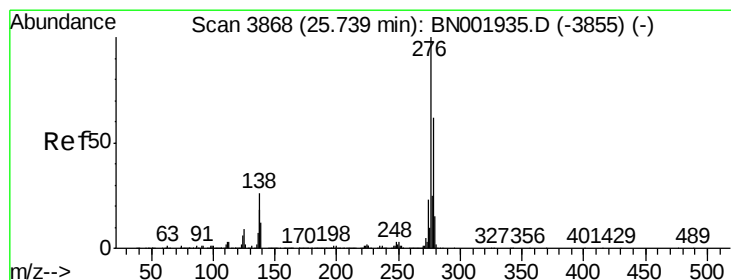
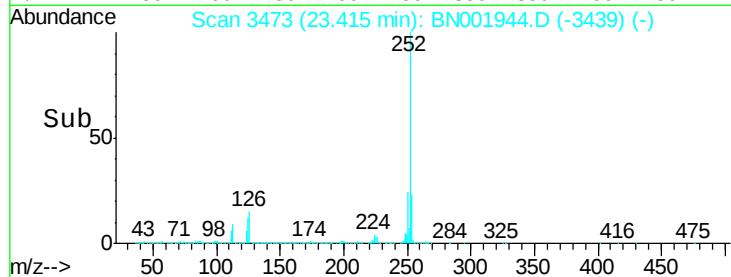
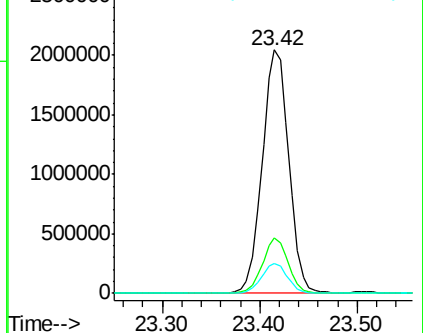
125 12.0 5.8 8.6#



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: 19.972 ng/ul

RT: 25.74 min Scan# 3869

Delta R.T. 0.01 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

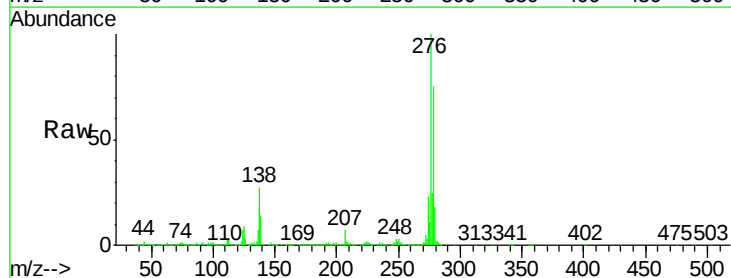
Tgt Ion:276 Resp: 4095816

Ion Ratio Lower Upper

276 100

138 26.7 10.9 16.3#

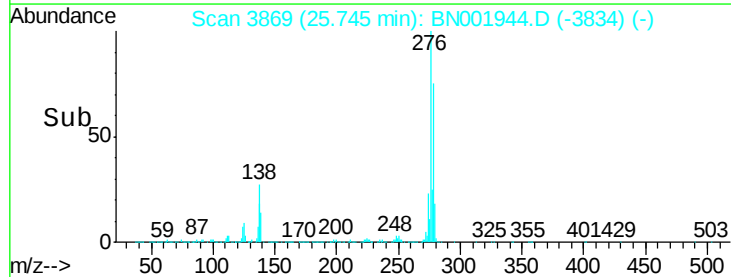
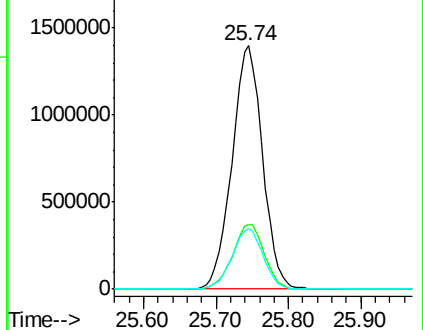
277 24.9 18.9 28.3

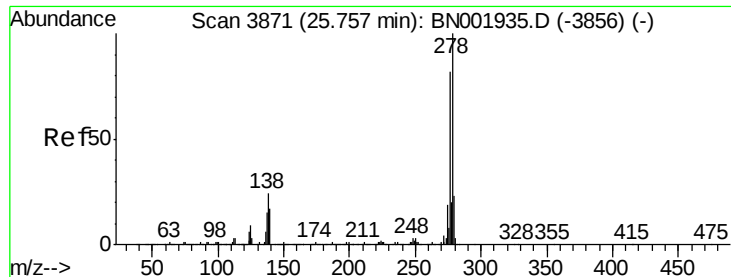


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.109 ng/ul

RT: 25.76 min Scan# 3871

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

Instrument :

BNA_N

ClientSampleId :

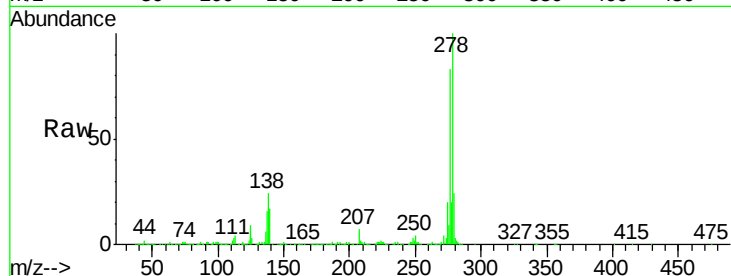
Tot Ion:278 Resp: 3432201

Ion Ratio Lower Upper

278 100

139 16.9 9.0 13.4#

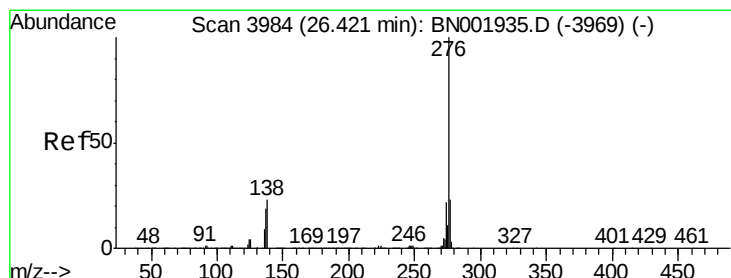
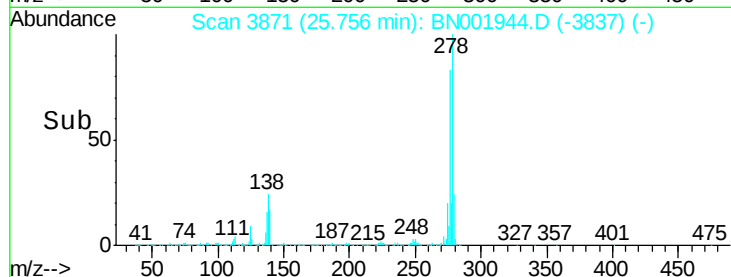
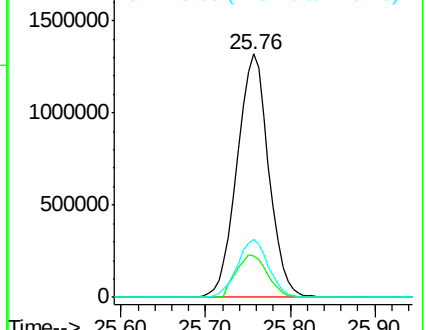
279 23.9 19.1 28.7



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



#91

Benzo(g,h,i)perylene

Concen: 19.706 ng/ul

RT: 26.42 min Scan# 3984

Delta R.T. -0.00 min

Lab File: BN001944.D

Acq: 03 Jul 2018 15:31

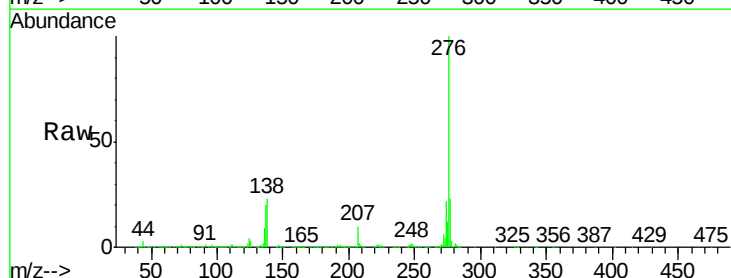
Tgt Ion:276 Resp: 3333693

Ion Ratio Lower Upper

276 100

138 23.4 11.2 16.8#

277 22.6 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

