

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002022.D
 Acq On : 11 Jul 2018 21:54
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 00:53:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	544296	20.00	ng/ul	0.01
18) Naphthalene-d8	10.49	136	2499209	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.35	164	1465143	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.10	188	3183735	20.00	ng/ul	0.02
75) Chrysene-d12	21.30	240	2190986	20.00	ng/ul	0.02
83) Perylene-d12	23.53	264	2006051	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	87571	6.99	ng/uL	0.00
5) Phenol-d5	6.90	99	992176	20.14	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	598947	19.71	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	794177	20.34	ng/ul	0.02
13) 4-Methylphenol-d8	8.43	113	796053	20.17	ng/ul	0.02
19) Nitrobenzene-d5	8.86	128	402506	21.69	ng/ul	0.01
22) 2-Nitrophenol-d4	9.58	143	454397	23.66	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.12	165	824194	20.10	ng/ul	0.02
29) 4-Chloroaniline-d4	10.63	131	1058374	24.93	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	2324341	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	3008928	19.70	ng/ul	0.01
51) 4-Nitrophenol-d4	14.57	143	421934	18.51	ng/ul	0.03
57) Fluorene-d10	15.35	176	2038997	18.80	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.47	200	285838	16.48	ng/ul	0.02
70) Anthracene-d10	17.19	188	3001090	19.51	ng/ul	0.01
76) Pyrene-d10	19.49	212	2784424	25.21	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.39	264	2099438	19.24	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.30	88	90595	7.016	ng/uL# 75
4) Benzaldehyde	6.86	77	629418	20.930	ng/ul 92
6) Phenol	6.93	94	998514	20.101	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.15	93	763091	19.817	ng/ul 95
10) 2-Chlorophenol	7.29	128	788383	19.944	ng/ul 99
11) 2-Methylphenol	8.16	108	762926	20.080	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	1235637	20.456	ng/ul 94
14) Acetophenone	8.53	105	1226803	20.245	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.52	70	634888	20.315	ng/ul 92
16) 4-Methylphenol	8.49	108	826708	19.967	ng/ul 94
17) Hexachloroethane	8.78	117	306750	19.680	ng/ul 86
20) Nitrobenzene	8.90	77	923687	20.275	ng/ul 93
21) Isophorone	9.43	82	1773425	19.821	ng/ul 99
23) 2-Nitrophenol	9.61	139	463872	22.163	ng/ul 95
24) 2,4-Dimethylphenol	9.68	107	917500	19.477	ng/ul 94
25) Bis(2-Chloroethoxy)methane	9.91	93	1075396	19.081	ng/ul 97
27) 2,4-Dichlorophenol	10.15	162	795941	19.979	ng/ul 99
28) Naphthalene	10.54	128	2553331	19.253	ng/ul 99
30) 4-Chloroaniline	10.65	127	1037298	24.723	ng/ul 98
31) Hexachlorobutadiene	10.82	225	482122	19.818	ng/ul 97
32) Caprolactam	11.42	113	276427	19.925	ng/ul 85
33) 4-Chloro-3-methylphenol	11.79	107	868673	19.781	ng/ul 97
34) 2-Methylnaphthalene	12.16	142	1842480	19.153	ng/ul 98

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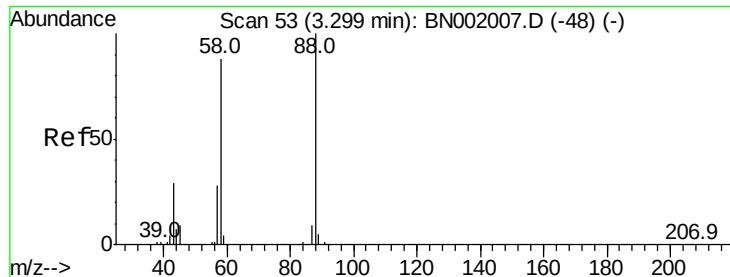
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	12.53	216	946504	19.890	ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	321067	11.066	ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	643388	20.729	ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	672436	20.346	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	2381551	19.569	ng/ul#	96
41) 2-Chloronaphthalene	13.22	162	1851683	19.492	ng/ul	97
42) 2-Nitroaniline	13.43	65	586696	22.136	ng/ul	97
44) Dimethylphthalate	13.80	163	2257155	18.562	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	495389	21.575	ng/ul	98
47) Acenaphthylene	14.07	152	2875301	19.503	ng/ul	99
48) 3-Nitroaniline	14.26	138	526525	23.886	ng/ul	98
49) Acenaphthene	14.41	153	1969077	19.253	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	163414	13.871	ng/ul#	87
52) 4-Nitrophenol	14.59	109	299584	17.676	ng/ul#	72
53) Dibenzofuran	14.75	168	2779635	18.944	ng/ul	97
54) 2,4-Dinitrotoluene	14.72	165	705276	20.659	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.98	232	579048	19.851	ng/ul#	84
56) Diethylphthalate	15.17	149	2302128	18.681	ng/ul	97
58) Fluorene	15.40	166	2200722	18.800	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	1092507	18.629	ng/ul	95
60) 4-Nitroaniline	15.42	138	574029	21.092	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.49	198	295162	16.036	ng/ul	98
64) N-Nitrosodiphenylamine	15.61	169	1930015	20.271	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	695537	20.112	ng/ul	95
66) Hexachlorobenzene	16.40	284	763559	19.603	ng/ul#	90
67) Atrazine	16.57	200	704850	20.298	ng/ul	99
68) Pentachlorophenol	16.75	266	391635	18.183	ng/ul	98
69) Phenanthrene	17.14	178	3446414	19.217	ng/ul	99
71) Anthracene	17.23	178	3527629	19.432	ng/ul	98
72) Carbazole	17.50	167	3113803	20.476	ng/ul	98
73) Di-n-butylphthalate	18.07	149	4008347	20.874	ng/ul	99
74) Fluoranthene	19.16	202	3576406	18.971	ng/ul#	88
77) Pyrene	19.52	202	3449150	25.156	ng/ul#	85
78) Butylbenzylphthalate	20.43	149	1673593	28.605	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.21	252	881637	21.205	ng/ul#	98
80) Benzo(a)anthracene	21.28	228	2770098	20.005	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	2342257	26.846	ng/ul#	99
82) Chrysene	21.33	228	2553775	19.821	ng/ul	100
84) Di-n-octyl phthalate	22.10	149	3733771	28.066	ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	2410540	19.025	ng/ul#	95
86) Benzo(k)fluoranthene	22.91	252	2296337	18.690	ng/ul#	96
88) Benzo(a)pyrene	23.44	252	2269487	19.168	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.79	276	2671791	21.207	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.79	278	2228172	21.250	ng/ul#	94
91) Benzo(g,h,i)perylene	26.47	276	2245776	21.609	ng/ul#	91

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



#2

1,4-Dioxane

Concen: 7.016 ng/uL

RT: 3.30 min Scan# 54

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

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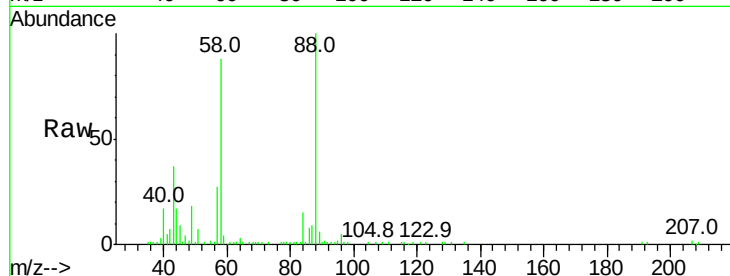
Tot Ion: 88 Resp: 90595

Ion Ratio Lower Upper

88 100

43 36.8 29.0 43.4

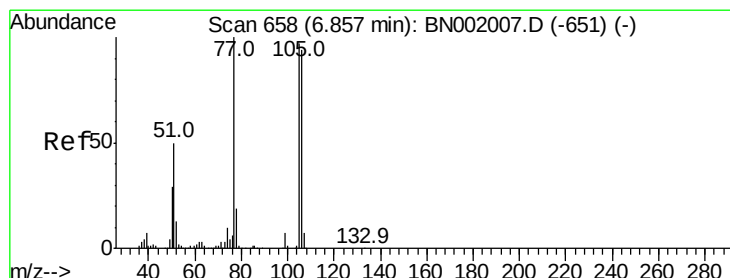
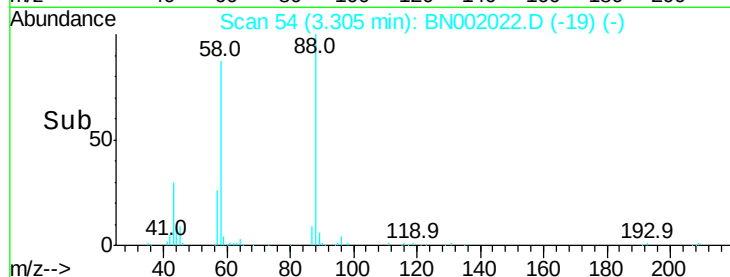
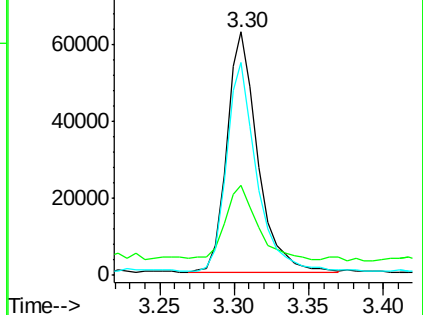
58 87.6 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 20.930 ng/uL

RT: 6.86 min Scan# 659

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

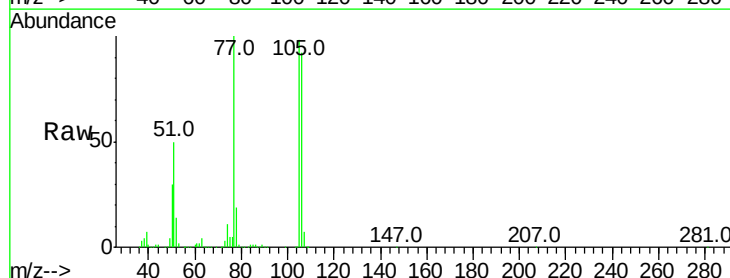
Tgt Ion: 77 Resp: 629418

Ion Ratio Lower Upper

77 100

105 97.7 71.0 106.6

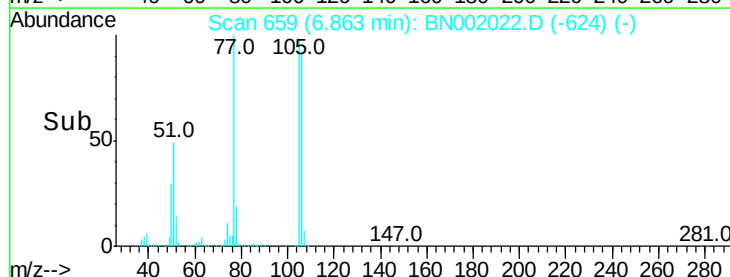
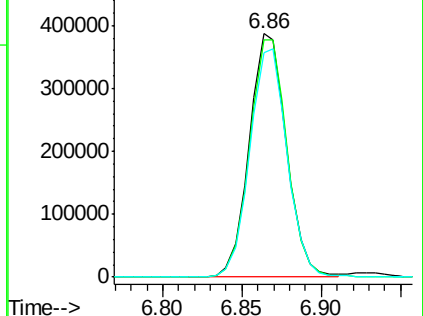
106 92.3 69.5 104.3

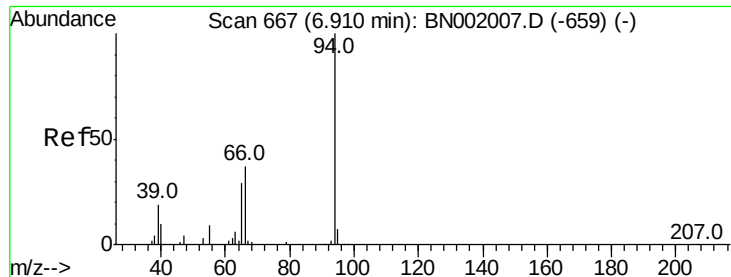


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0





#6

Phenol

Concen: 20.101 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

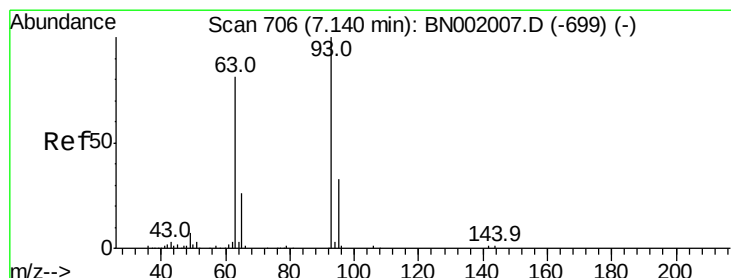
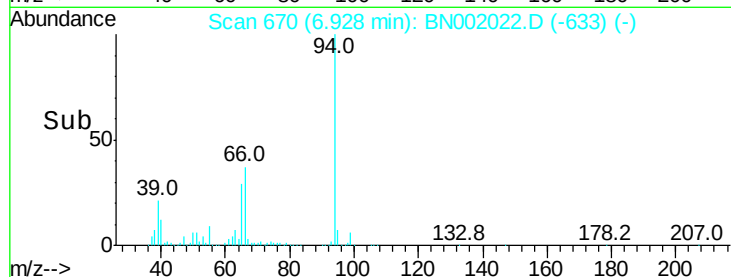
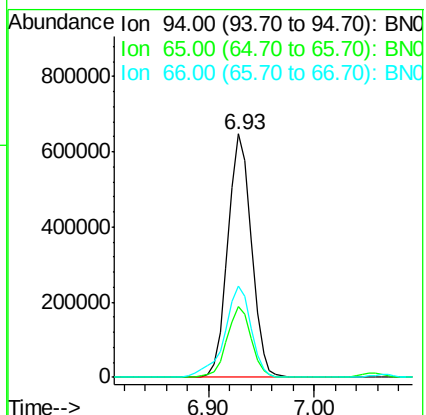
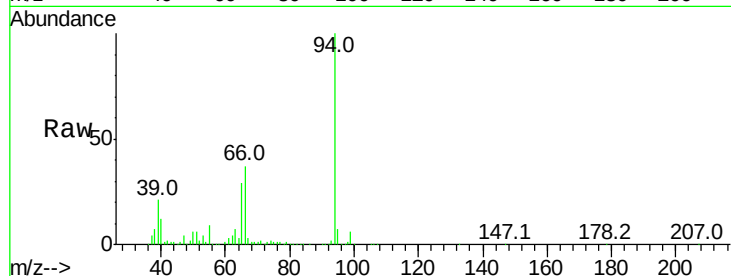
Tot Ion: 94 Resp: 998514

Ion Ratio Lower Upper

94 100

65 29.0 23.0 34.6

66 37.4 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 19.817 ng/ul

RT: 7.15 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

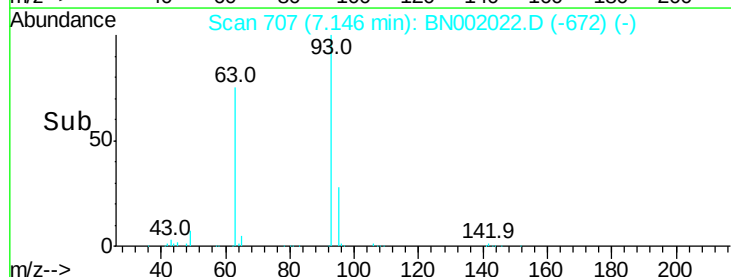
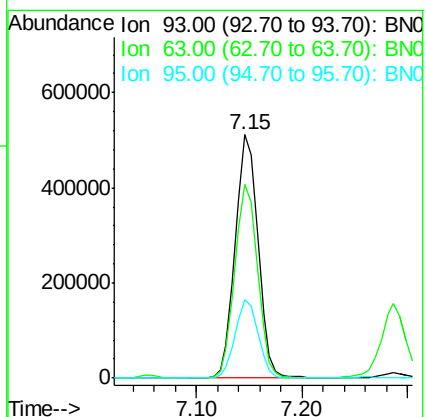
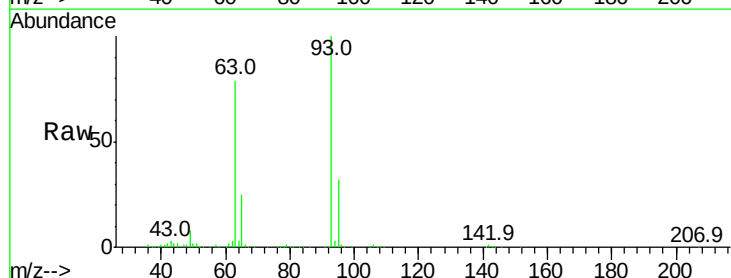
Tgt Ion: 93 Resp: 763091

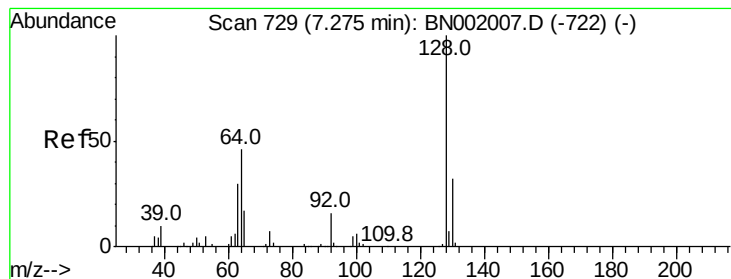
Ion Ratio Lower Upper

93 100

63 79.4 59.4 89.2

95 32.0 26.4 39.6





#10

2-Chlorophenol

Concen: 19.944 ng/ul

RT: 7.29 min Scan# 731

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

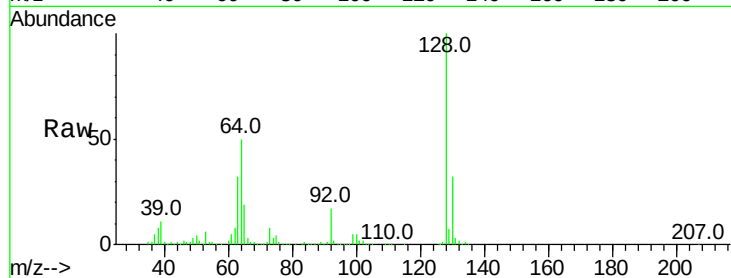
Tot Ion:128 Resp: 788383

Ion Ratio Lower Upper

128 100

64 50.2 39.8 59.6

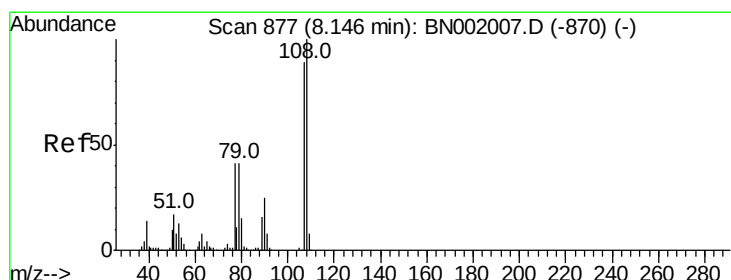
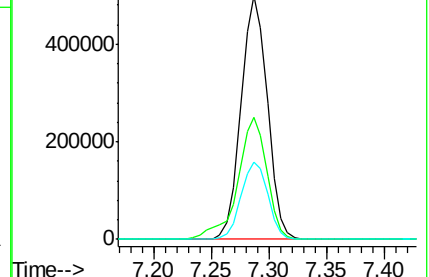
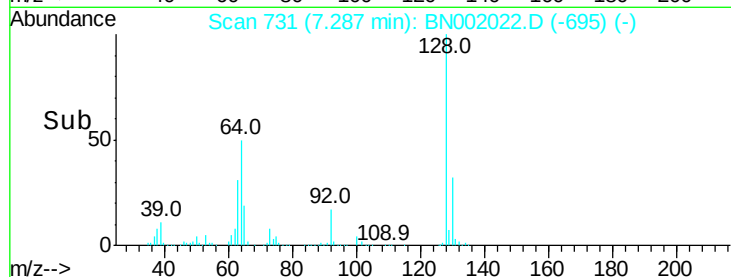
130 31.8 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNA_N

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.080 ng/ul

RT: 8.16 min Scan# 880

Delta R.T. 0.02 min

Lab File: BN002022.D

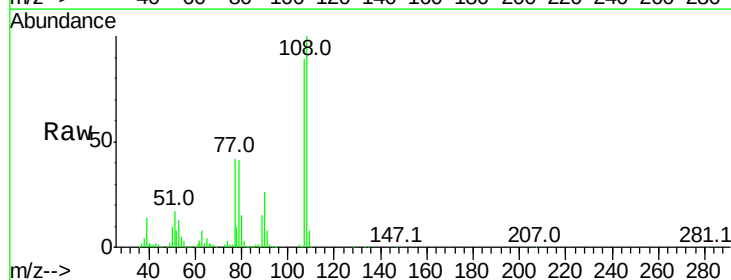
Acq: 11 Jul 2018 21:54

Tgt Ion:108 Resp: 762926

Ion Ratio Lower Upper

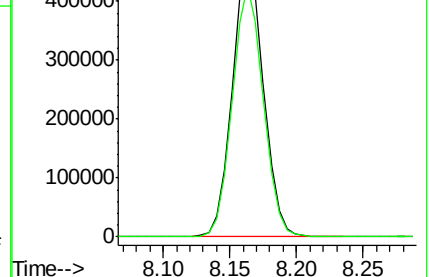
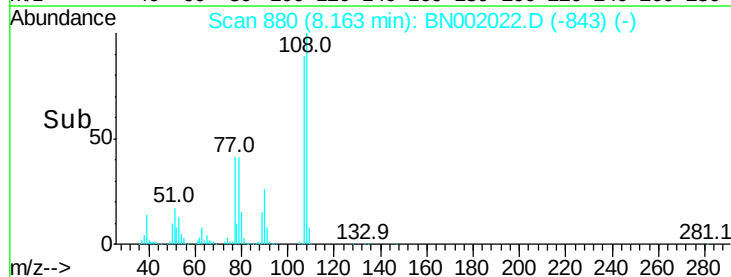
108 100

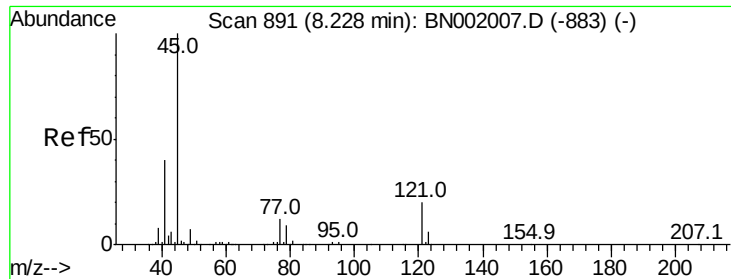
107 88.9 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

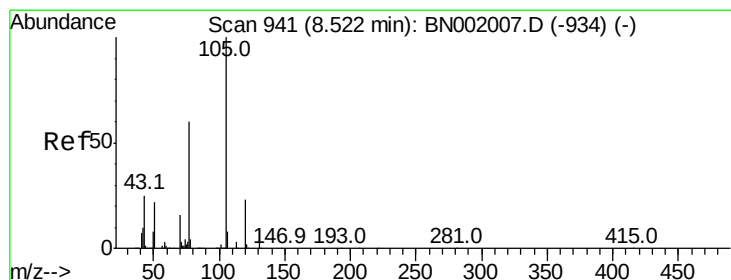
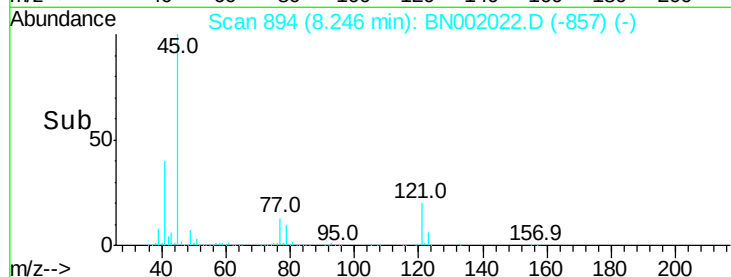
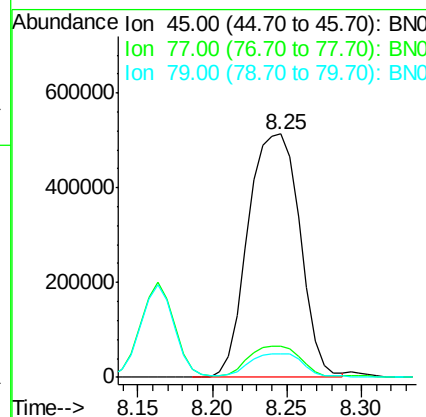
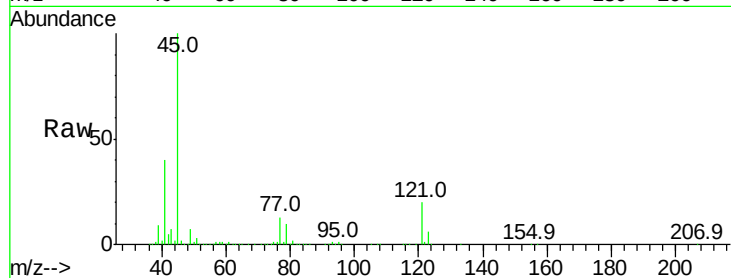




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.456 ng/ul
RT: 8.25 min Scan# 894
Delta R.T. 0.02 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

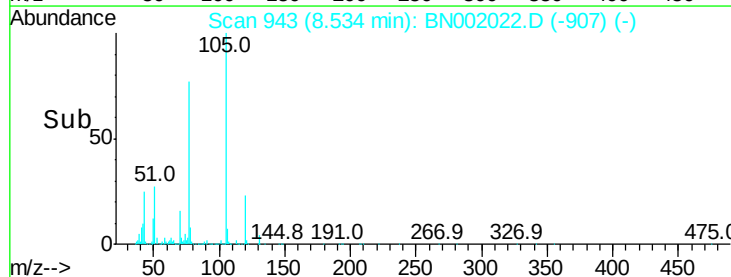
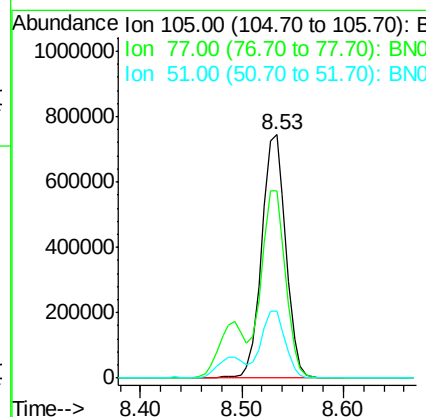
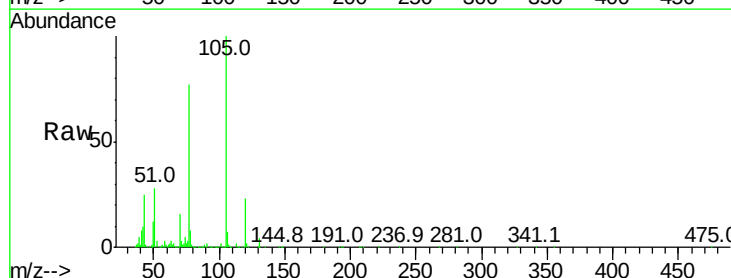
Instrument :
BNA_N
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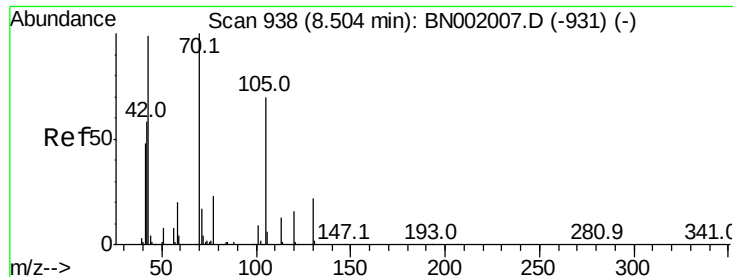
Tot Ion: 45 Resp: 1235637
Ion Ratio Lower Upper
45 100
77 12.7 12.5 18.7
79 9.8 9.4 14.2



#14
Acetophenone
Concen: 20.245 ng/ul
RT: 8.53 min Scan# 943
Delta R.T. 0.01 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

Tgt Ion:105 Resp: 1226803
Ion Ratio Lower Upper
105 100
77 77.0 63.2 94.8
51 27.5 19.8 29.8

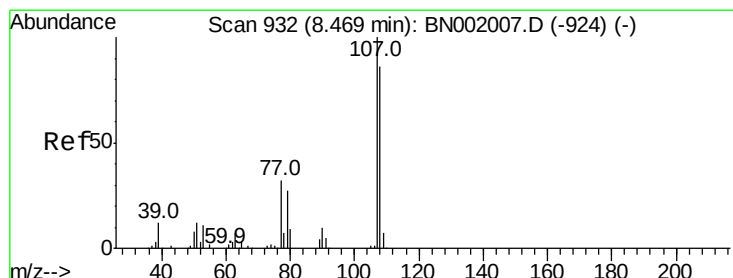
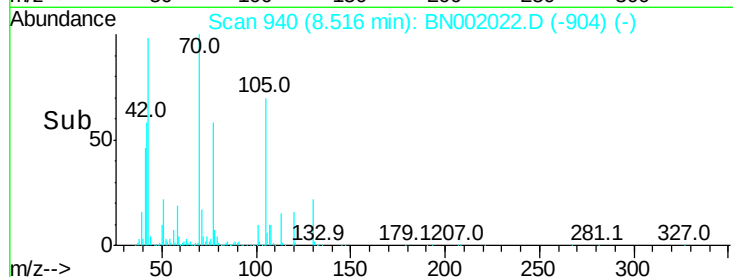
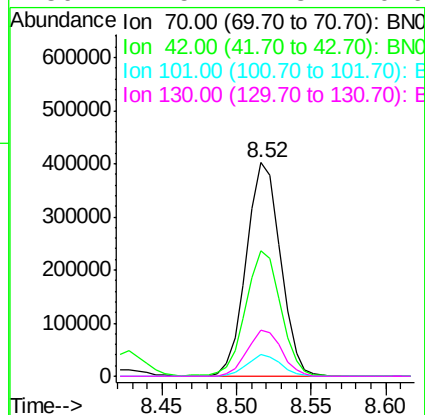
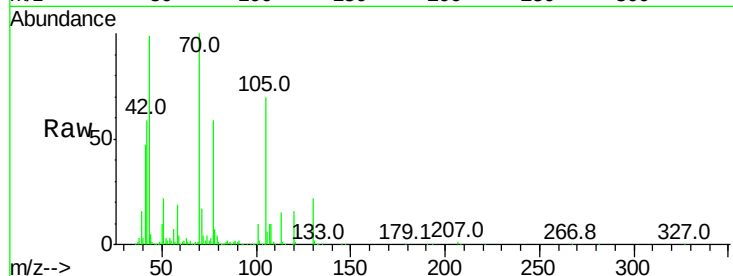




#15
N-Nitroso-di-n-propylamine
Concen: 20.315 ng/ul
RT: 8.52 min Scan# 940
Delta R.T. 0.01 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

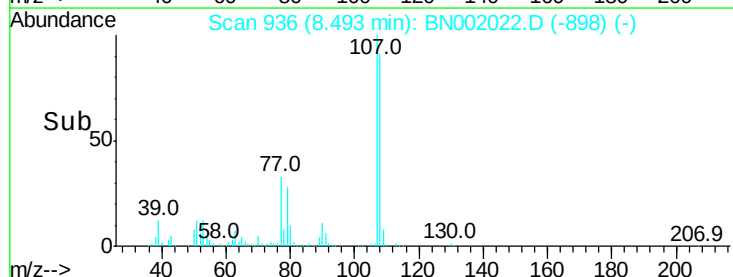
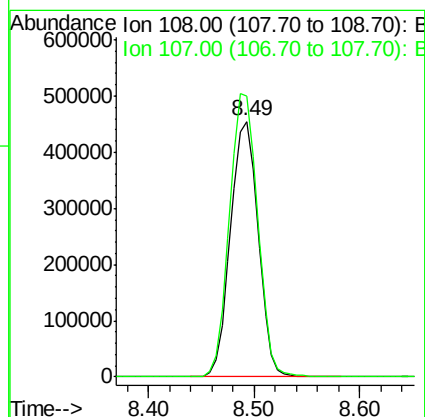
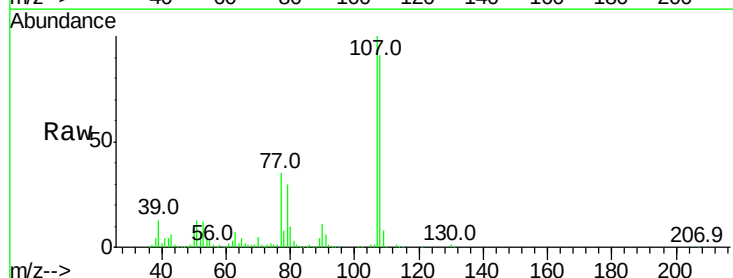
Instrument :
BNA_N
ClientSampleId :

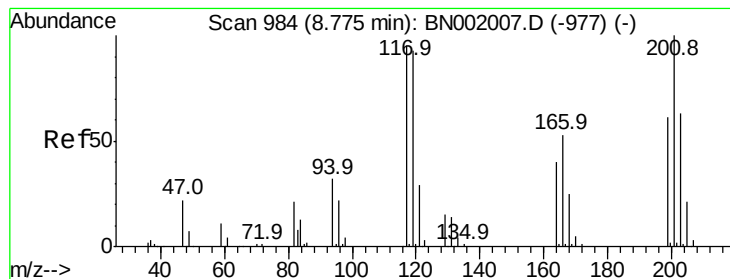
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.6	40.2	60.4	
101	10.1	7.7	11.5	
130	21.5	17.8	26.6	



#16
4-Methylphenol
Concen: 19.967 ng/ul
RT: 8.49 min Scan# 936
Delta R.T. 0.02 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	109.9	93.6	140.4	





#17

Hexachloroethane

Concen: 19.680 ng/ul

RT: 8.78 min Scan# 985

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

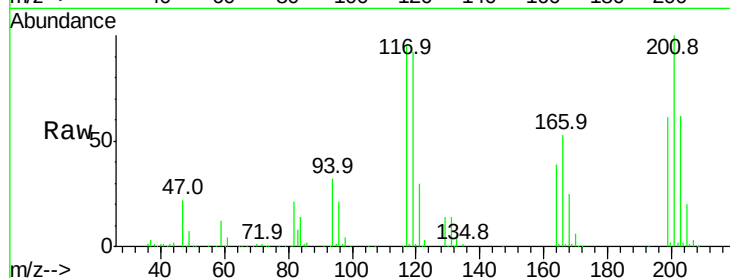
Tot Ion:117 Resp: 306750

Ion Ratio Lower Upper

117 100

201 103.7 96.1 144.1

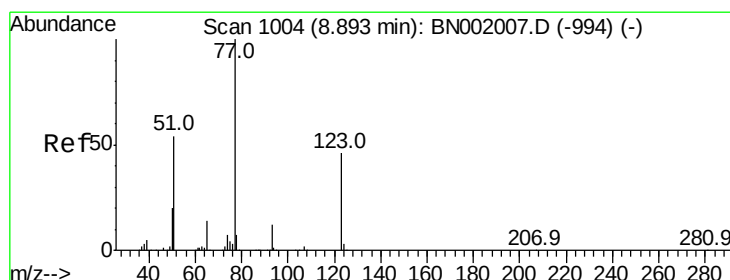
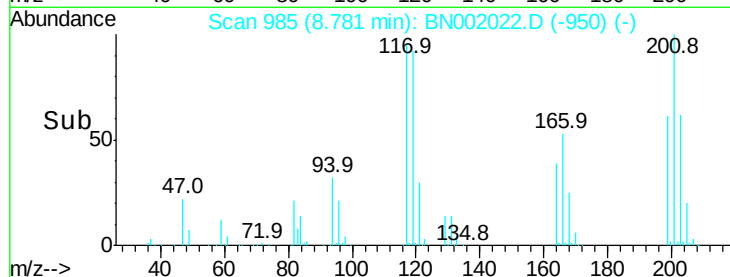
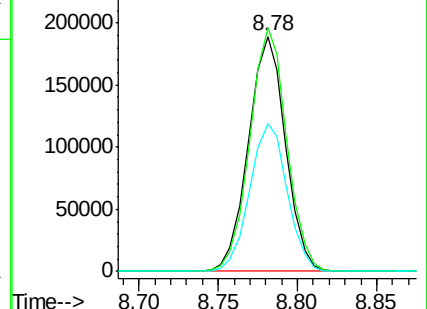
199 62.9 59.7 89.5



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: 20.275 ng/ul

RT: 8.90 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

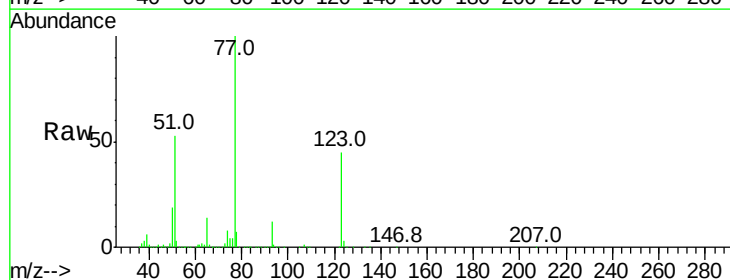
Tgt Ion: 77 Resp: 923687

Ion Ratio Lower Upper

77 100

123 45.3 31.8 47.8

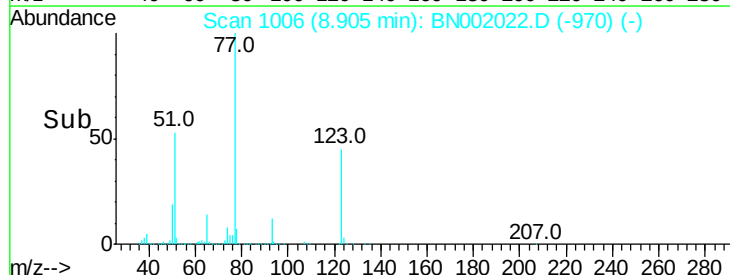
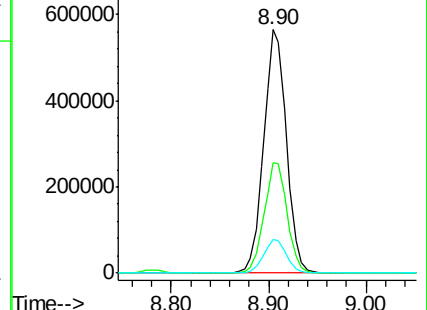
65 13.9 10.6 16.0

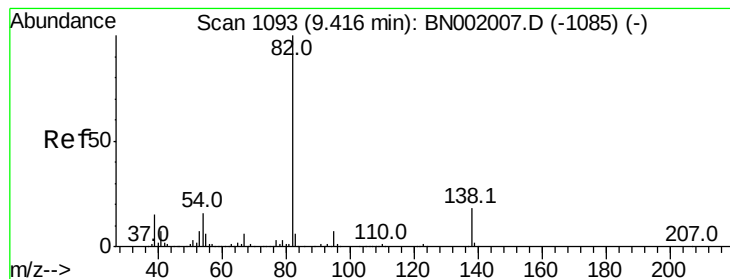


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 19.821 ng/ul

RT: 9.43 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampled :

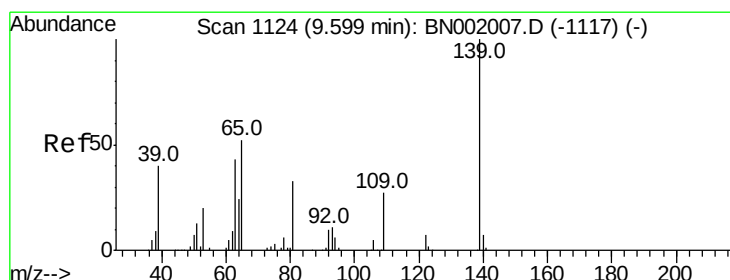
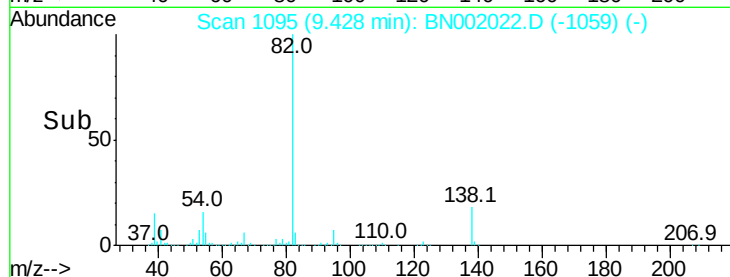
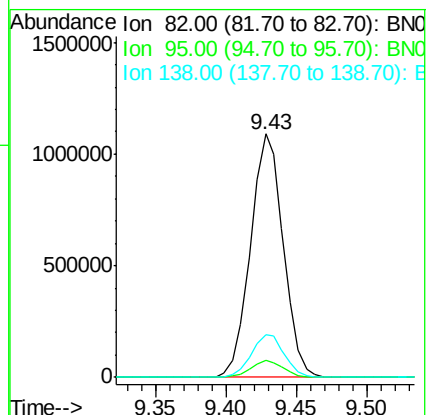
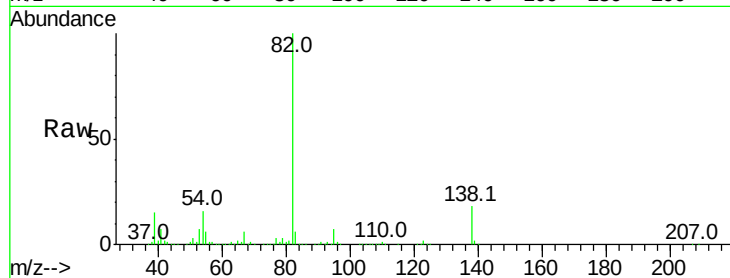
Tot Ion: 82 Resp: 1773425

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

138 17.5 13.5 20.3



#23

2-Nitrophenol

Concen: 22.163 ng/ul

RT: 9.61 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

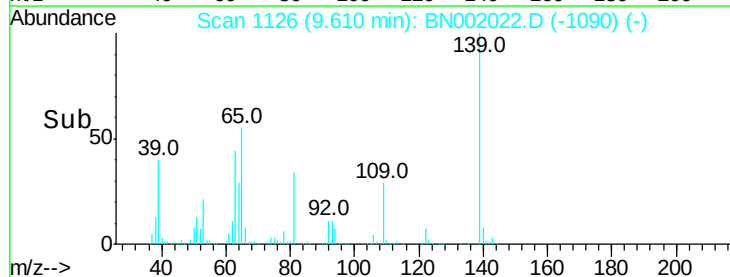
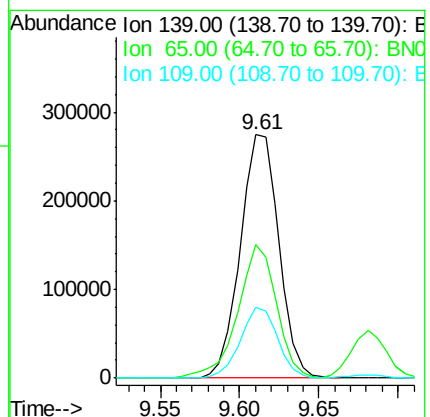
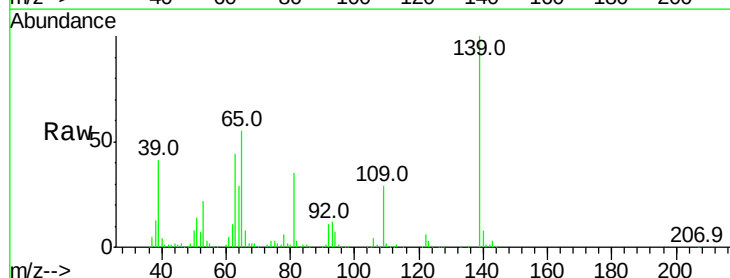
Tgt Ion: 139 Resp: 463872

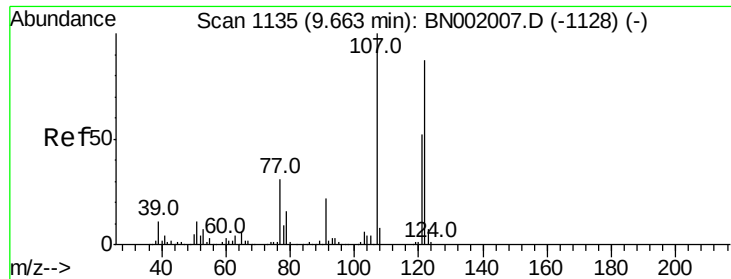
Ion Ratio Lower Upper

139 100

65 54.6 45.3 67.9

109 29.3 27.7 41.5





#24

2,4-Dimethylphenol

Concen: 19.477 ng/ul

RT: 9.68 min Scan# 1138

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

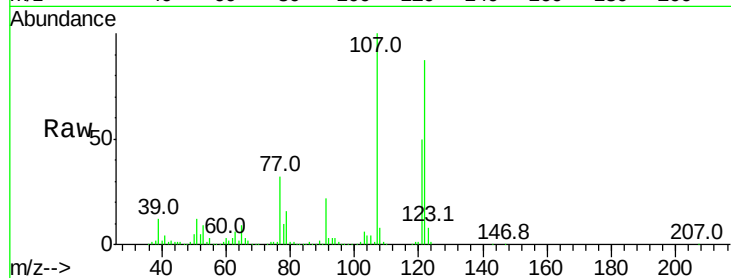
Tot Ion:107 Resp: 917500

Ion Ratio Lower Upper

107 100

121 49.9 38.1 57.1

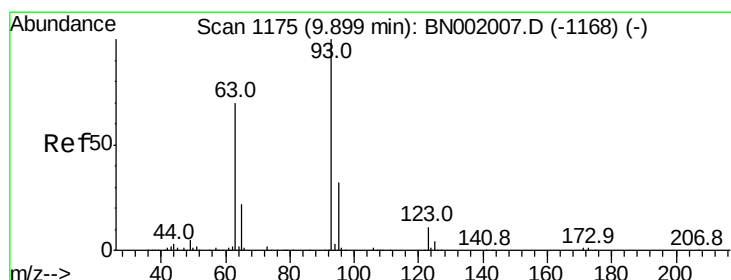
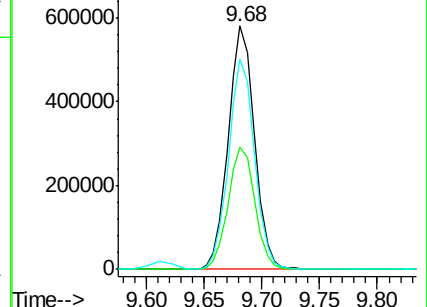
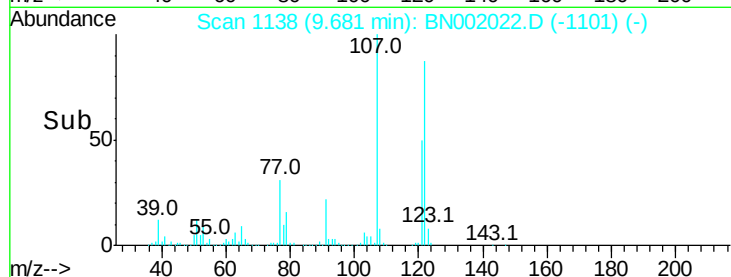
122 86.5 63.8 95.8



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: 19.081 ng/ul

RT: 9.91 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

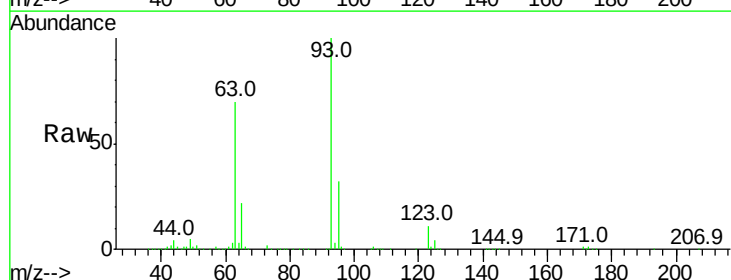
Tgt Ion: 93 Resp: 1075396

Ion Ratio Lower Upper

93 100

95 32.4 24.7 37.1

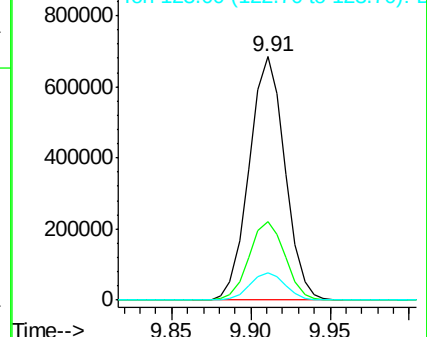
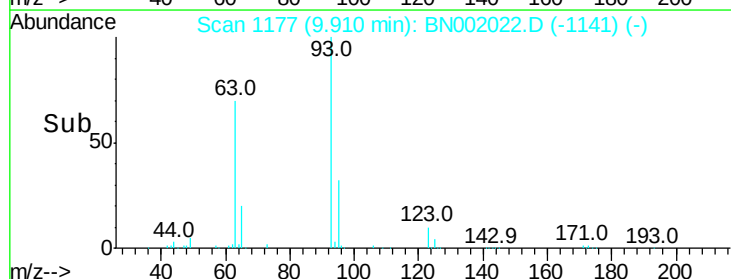
123 11.2 8.2 12.2

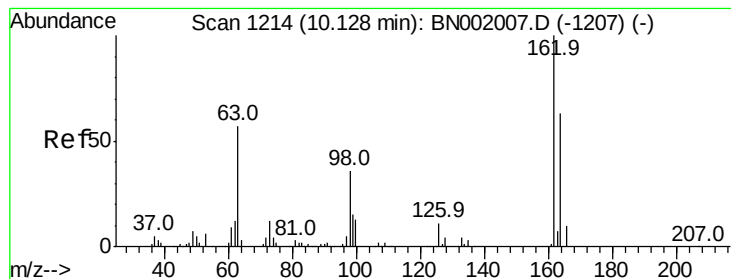


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.979 ng/ul

RT: 10.15 min Scan# 1218

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

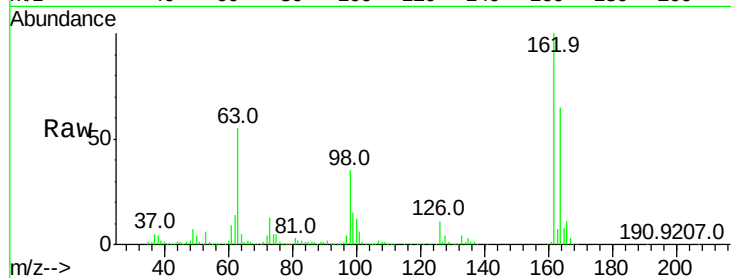
Tot Ion:162 Resp: 795941

Ion Ratio Lower Upper

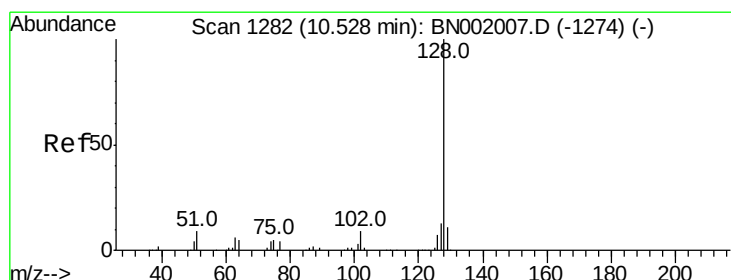
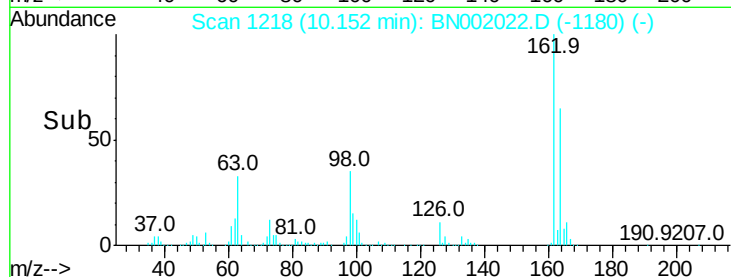
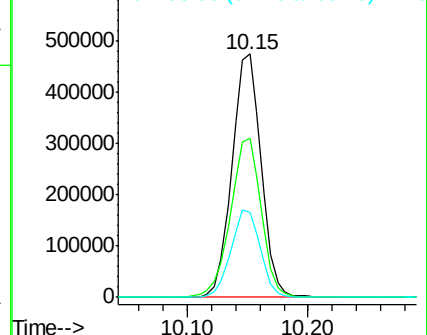
162 100

164 65.3 52.0 78.0

98 34.9 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): BNC



#28

Naphthalene

Concen: 19.253 ng/ul

RT: 10.54 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

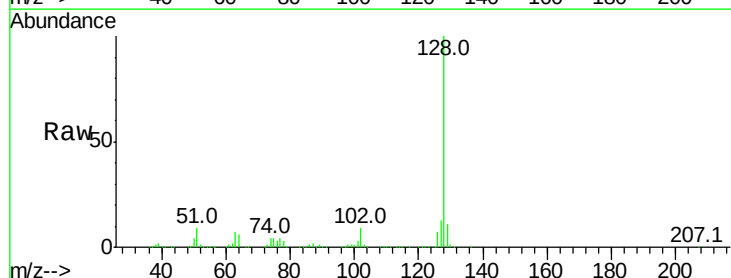
Tgt Ion:128 Resp: 2553331

Ion Ratio Lower Upper

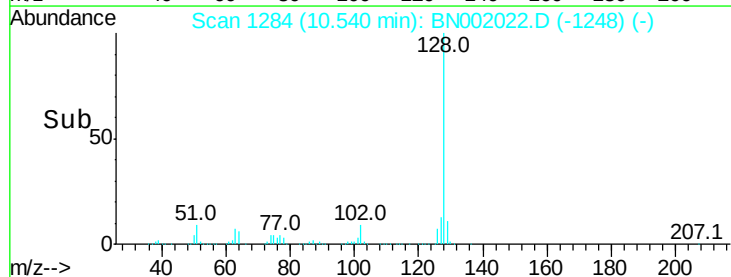
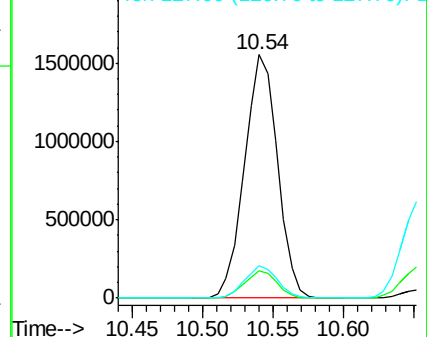
128 100

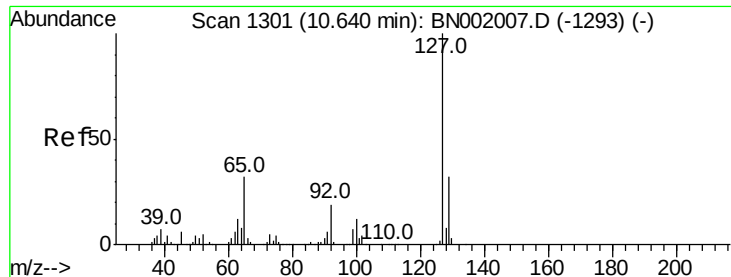
129 11.0 8.3 12.5

127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

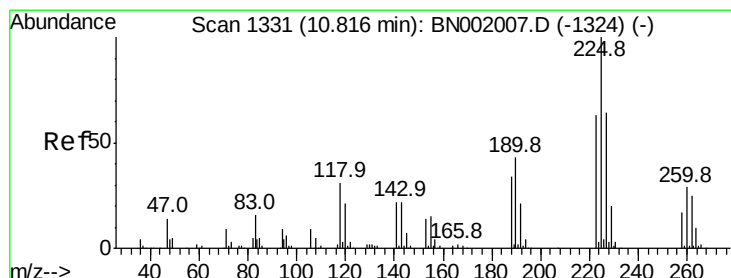
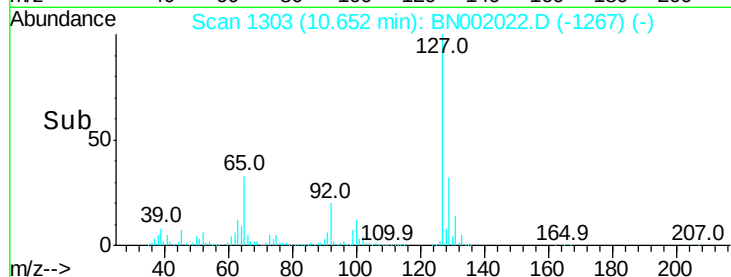
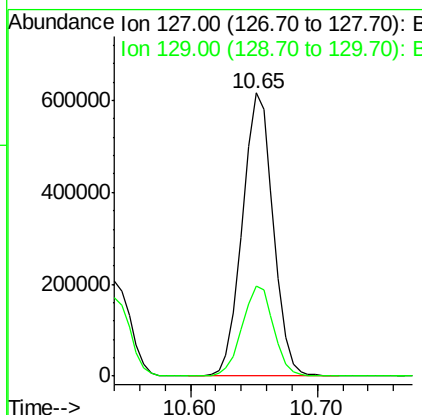
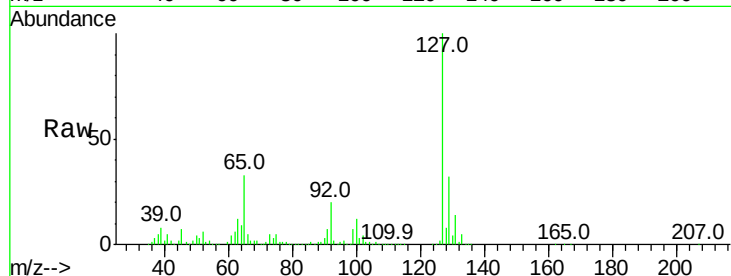




#30
4-Chloroaniline
Concen: 24.723 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

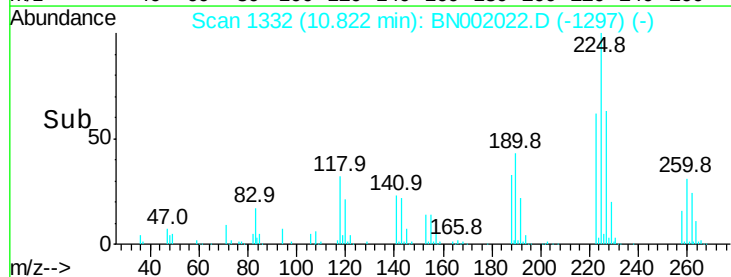
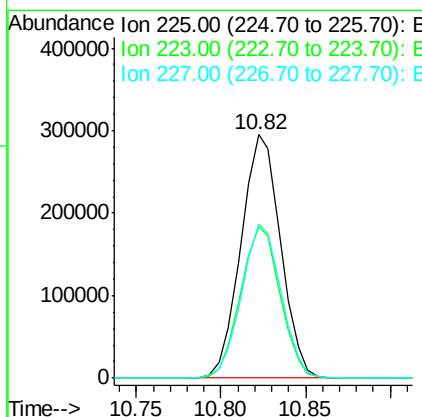
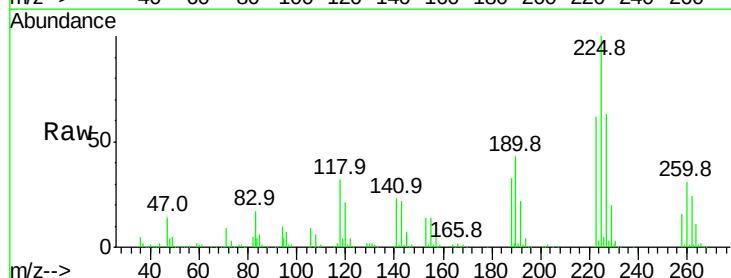
Instrument :
BNA_N
ClientSampleId :

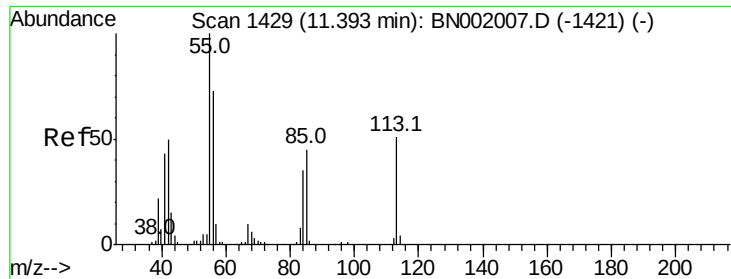
Tot Ion:127 Resp: 1037298
Ion Ratio Lower Upper
127 100
129 32.1 24.6 37.0



#31
Hexachlorobutadiene
Concen: 19.818 ng/ul
RT: 10.82 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

Tgt Ion:225 Resp: 482122
Ion Ratio Lower Upper
225 100
223 62.4 48.1 72.1
227 63.2 52.1 78.1





#32

Caprolactam

Concen: 19.925 ng/ul

RT: 11.42 min Scan# 1434

Delta R.T. 0.03 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

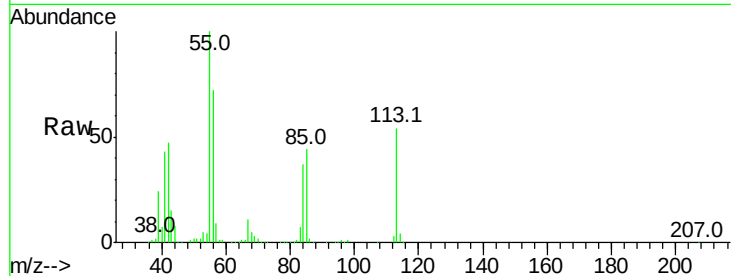
Tot Ion:113 Resp: 276427

Ion Ratio Lower Upper

113 100

55 184.5 131.7 197.5

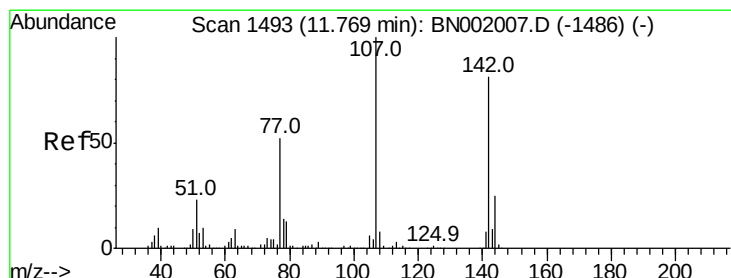
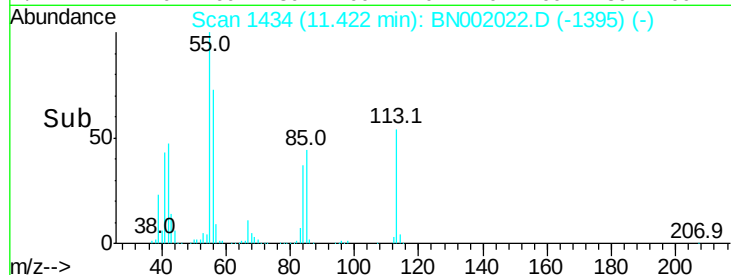
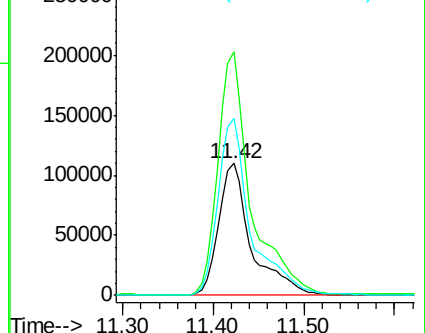
56 133.7 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 19.781 ng/ul

RT: 11.79 min Scan# 1497

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

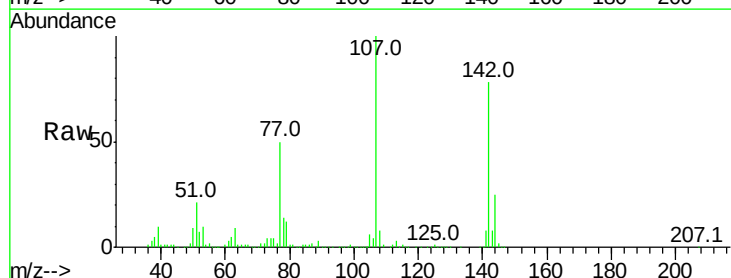
Tgt Ion:107 Resp: 868673

Ion Ratio Lower Upper

107 100

144 25.2 21.1 31.7

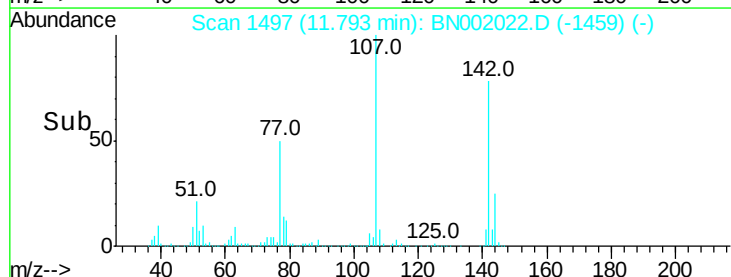
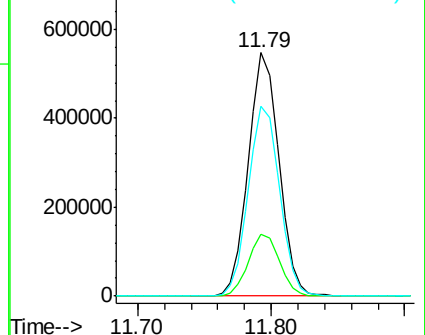
142 77.8 60.1 90.1

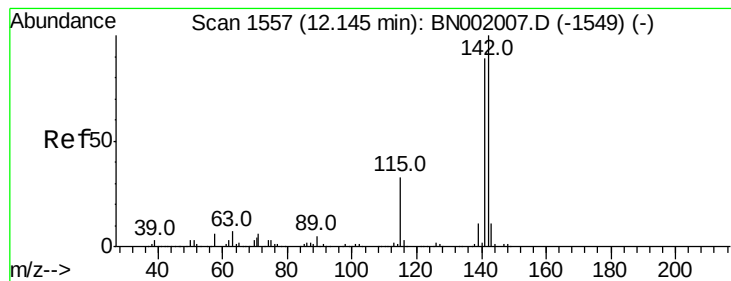


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.153 ng/ul

RT: 12.16 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

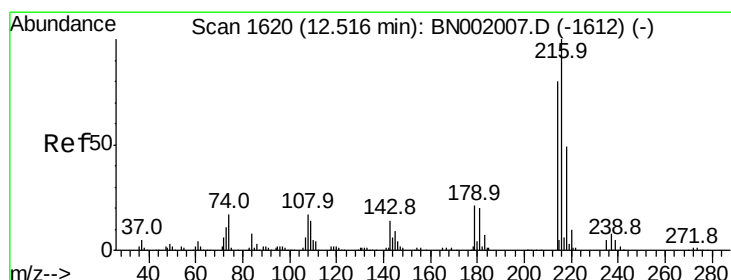
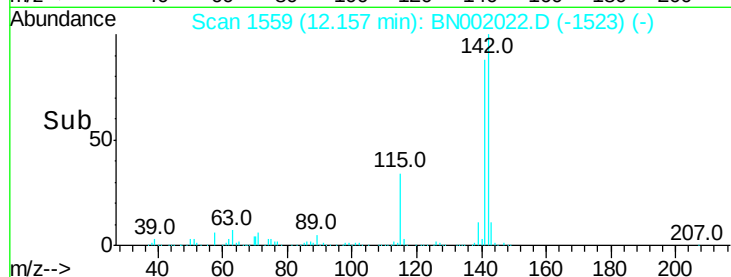
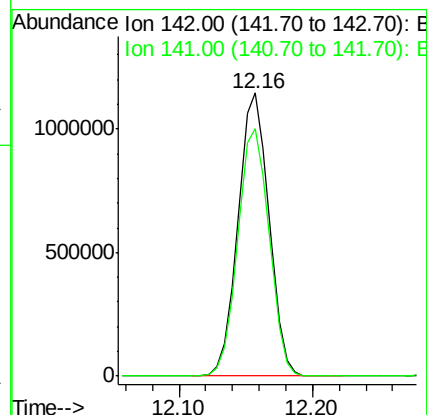
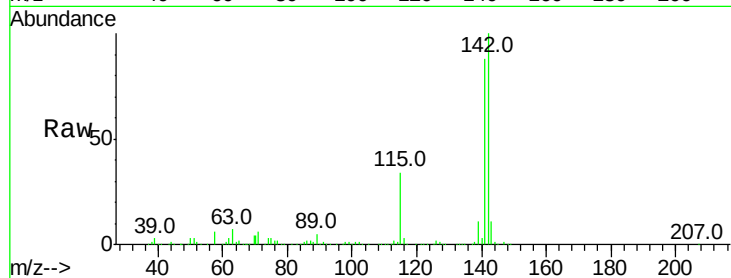
ClientSampled :

Tot Ion:142 Resp: 1842480

Ion Ratio Lower Upper

142 100

141 87.6 71.4 107.2



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.890 ng/ul

RT: 12.53 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Tgt Ion:216 Resp: 946504

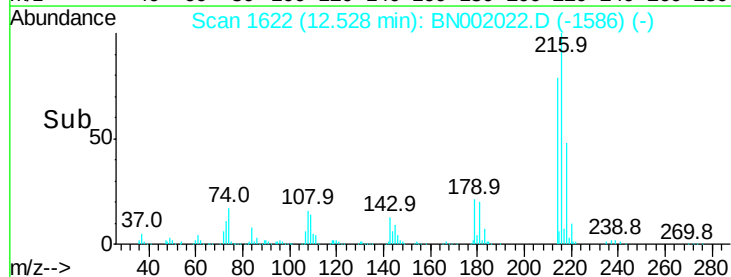
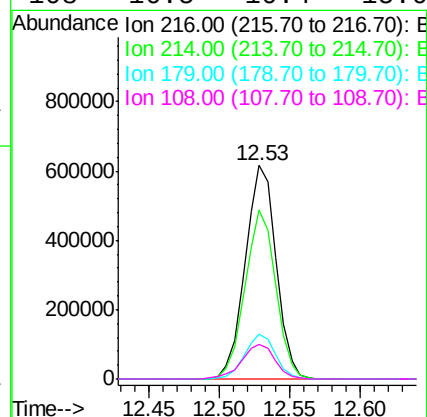
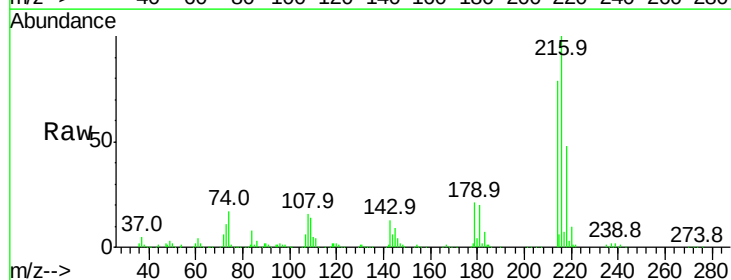
Ion Ratio Lower Upper

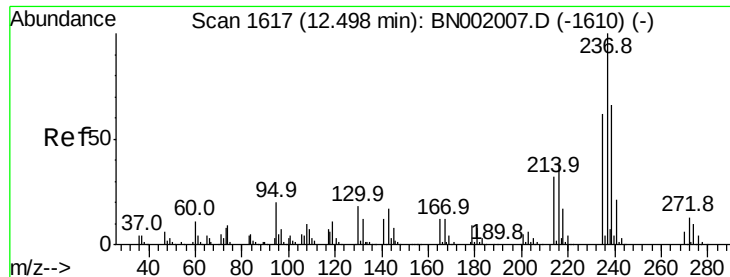
216 100

214 79.1 64.1 96.1

179 21.0 14.5 21.7

108 16.5 10.4 15.6#

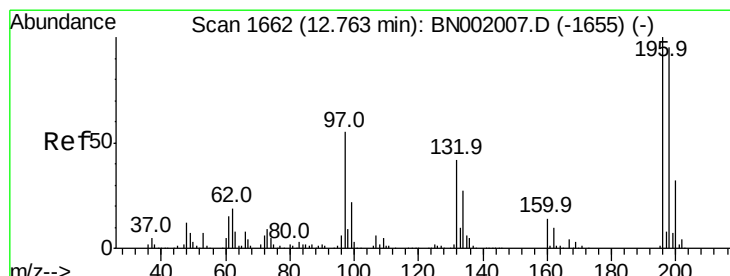
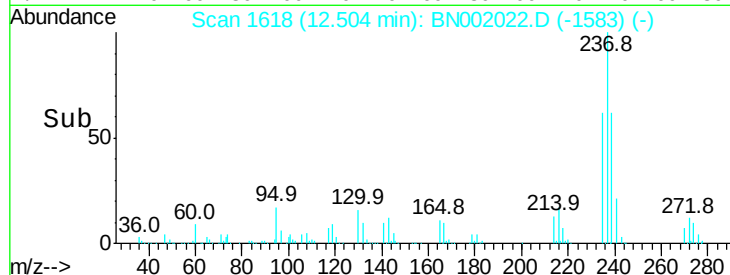
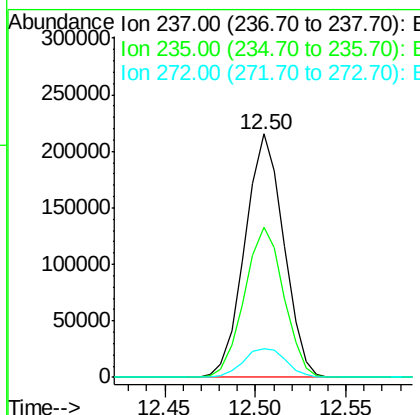
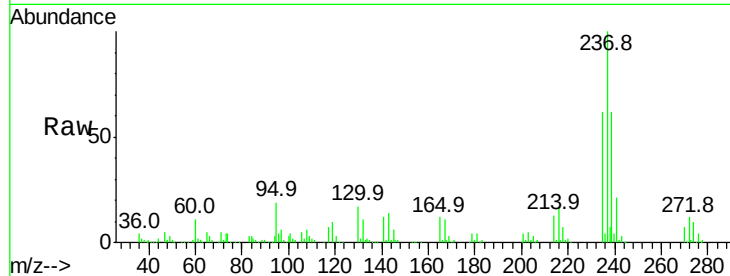




#37
Hexachlorocyclopentadiene
Concen: 11.066 ng/ul
RT: 12.50 min Scan# 1618
Delta R.T. 0.01 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

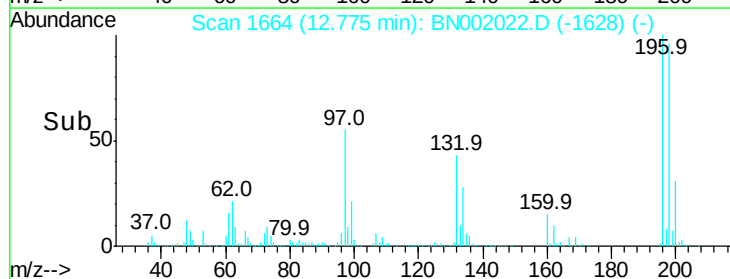
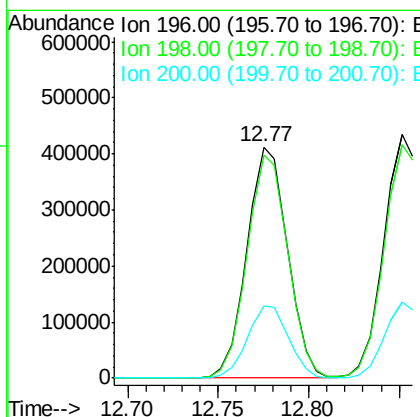
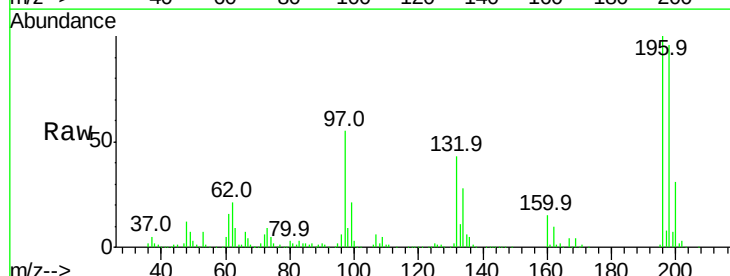
Instrument :
BNA_N
ClientSampled :

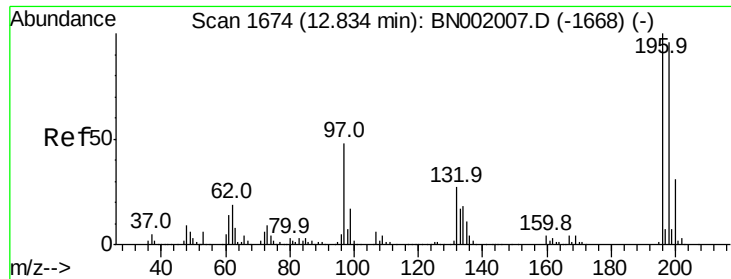
Tot Ion:237 Resp: 321067
Ion Ratio Lower Upper
237 100
235 61.5 49.5 74.3
272 12.0 8.6 12.8



#38
2,4,6-Trichlorophenol
Concen: 20.729 ng/ul
RT: 12.77 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

Tgt Ion:196 Resp: 643388
Ion Ratio Lower Upper
196 100
198 96.5 75.9 113.9
200 31.3 25.8 38.6

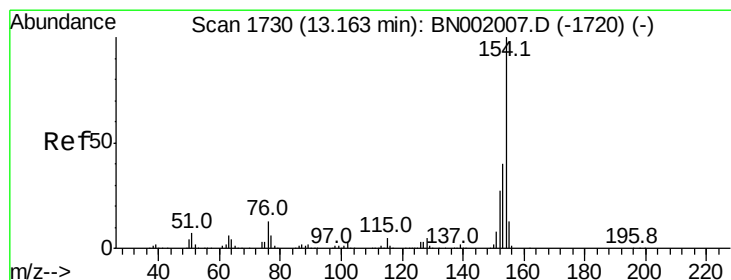
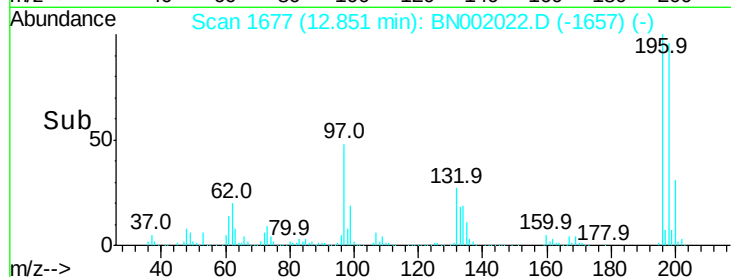
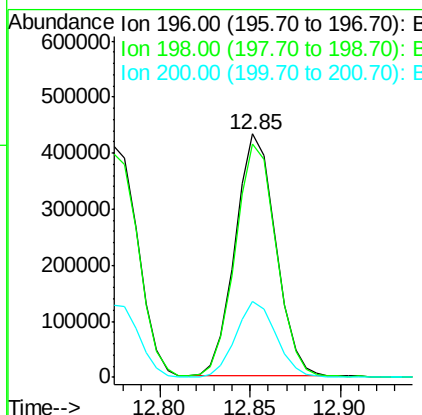
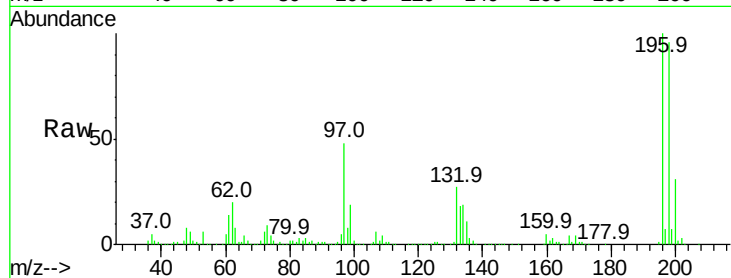




#39
 2,4,5-Trichlorophenol
 Concen: 20.346 ng/ul
 RT: 12.85 min Scan# 1677
 Delta R.T. 0.02 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

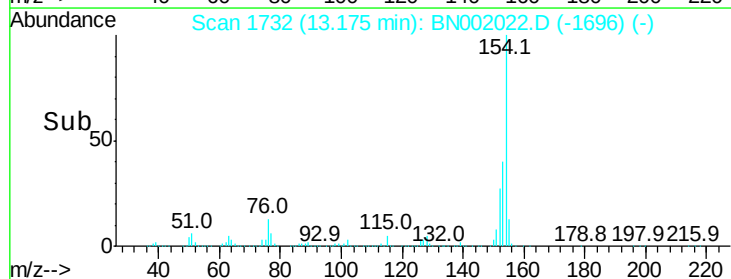
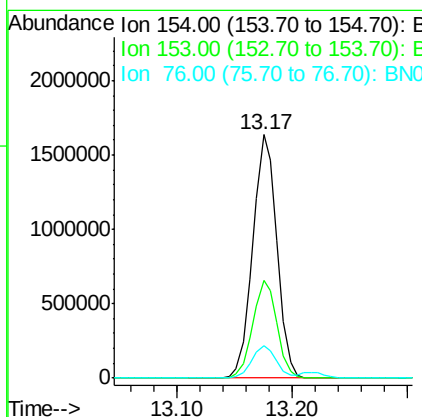
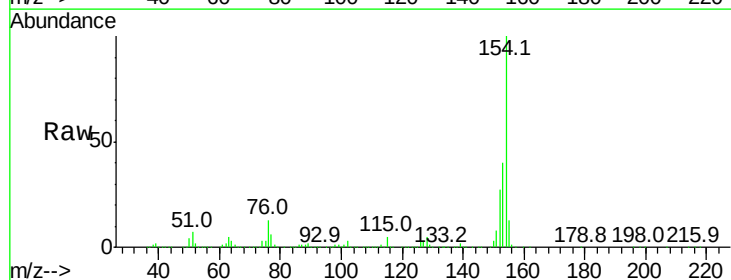
Instrument :
 BNA_N
 ClientSampled :

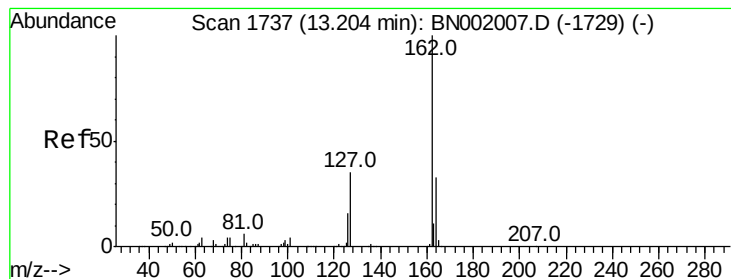
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.7	112.1
200	31.3	25.4	38.0



#40
 1,1'-Biphenyl
 Concen: 19.569 ng/ul
 RT: 13.17 min Scan# 1732
 Delta R.T. 0.01 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	34.0	51.0
76	13.3	8.4	12.6





#41

2-Chloronaphthalene

Concen: 19.492 ng/ul

RT: 13.22 min Scan# 1739

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

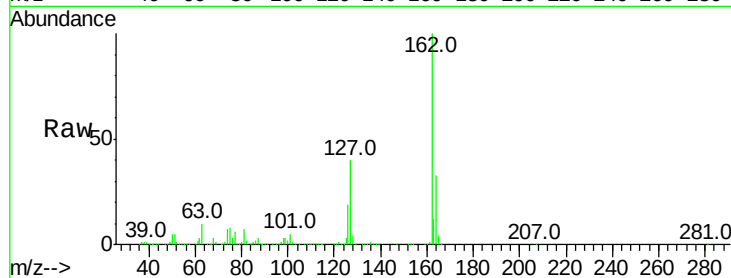
Tot Ion:162 Resp: 1851683

Ion Ratio Lower Upper

162 100

164 33.3 26.2 39.4

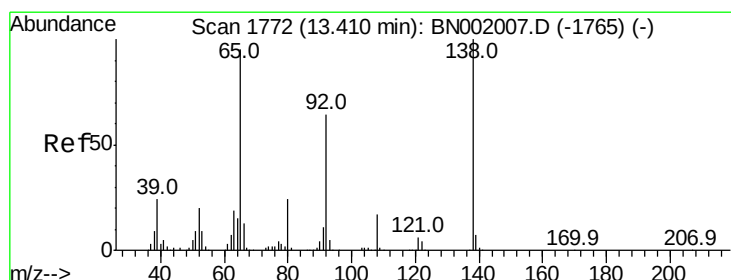
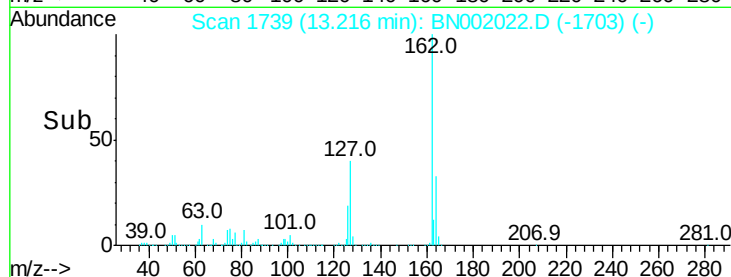
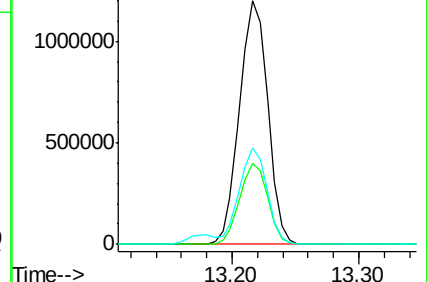
127 39.6 29.5 44.3



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: 22.136 ng/ul

RT: 13.43 min Scan# 1775

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

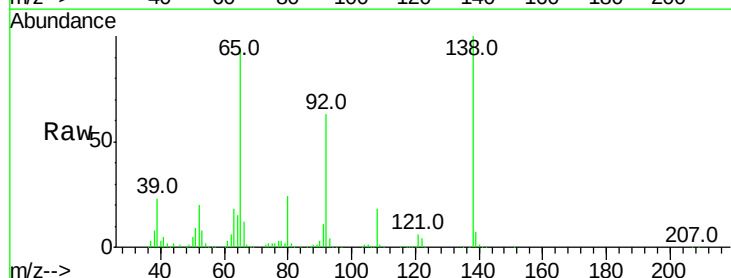
Tgt Ion: 65 Resp: 586696

Ion Ratio Lower Upper

65 100

92 67.4 57.0 85.4

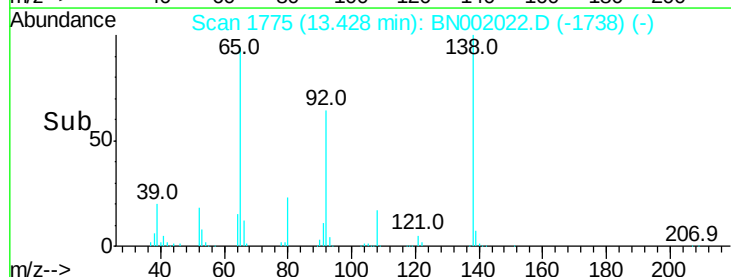
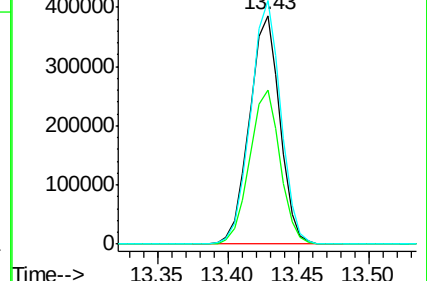
138 106.5 87.2 130.8

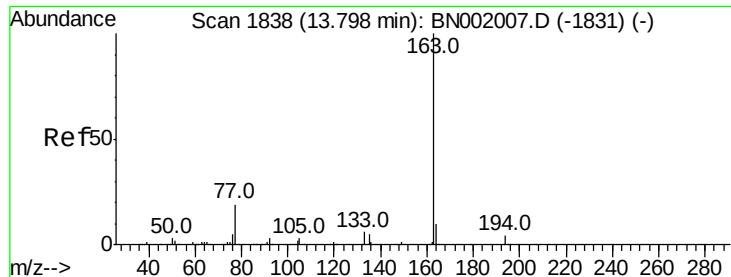


Abundance Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): BNC





#44

Dimethylphthalate

Concen: 18.562 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

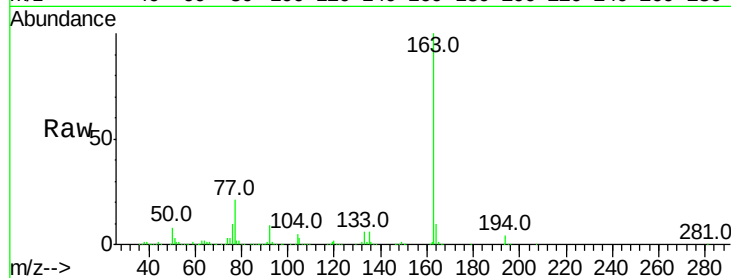
Tot Ion:163 Resp: 2257155

Ion Ratio Lower Upper

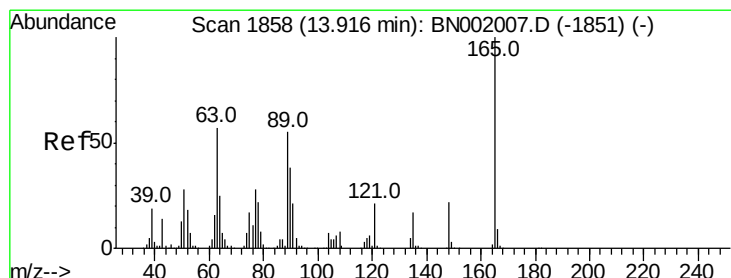
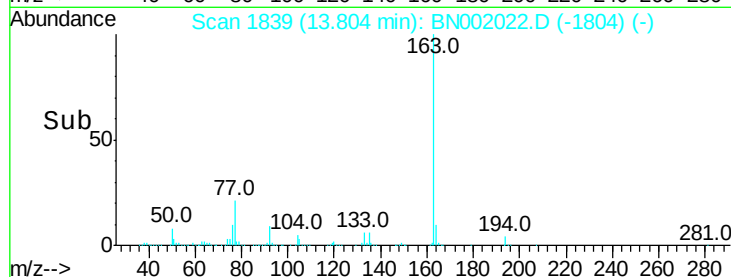
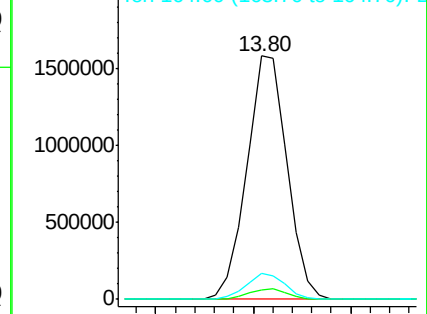
163 100

194 4.0 4.0 6.0

164 10.4 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: 21.575 ng/ul

RT: 13.93 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

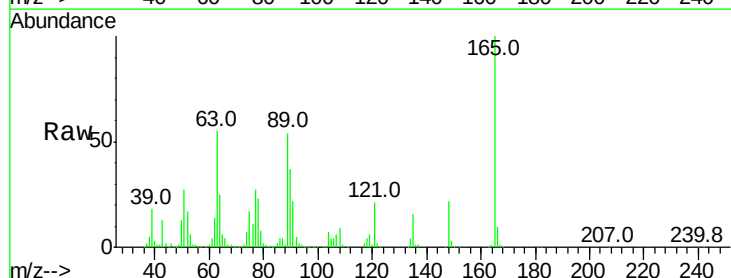
Tgt Ion:165 Resp: 495389

Ion Ratio Lower Upper

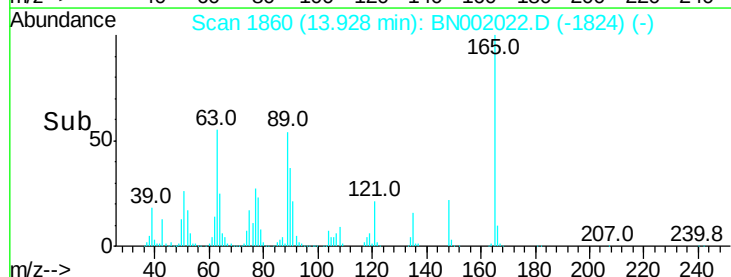
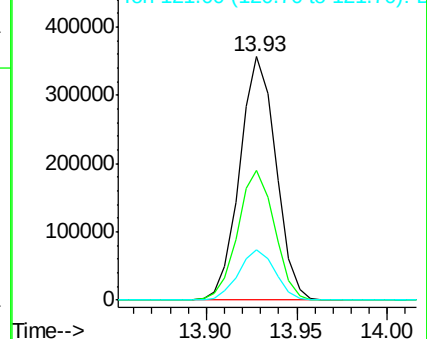
165 100

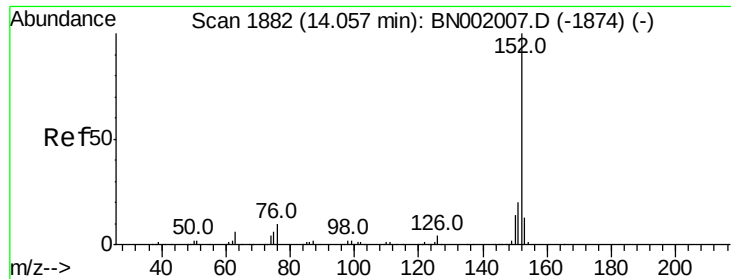
89 53.5 43.8 65.8

121 20.8 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: 19.503 ng/ul

RT: 14.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

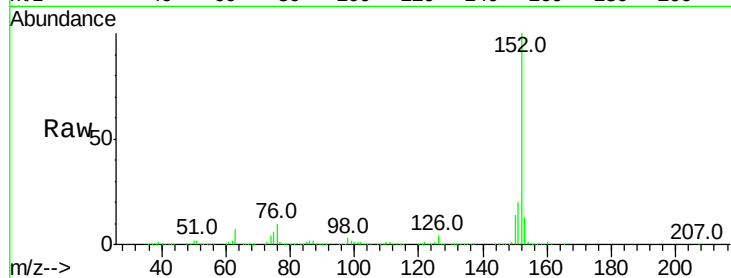
Tot Ion:152 Resp: 2875301

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

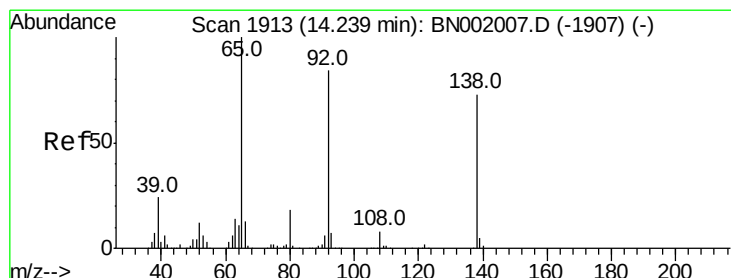
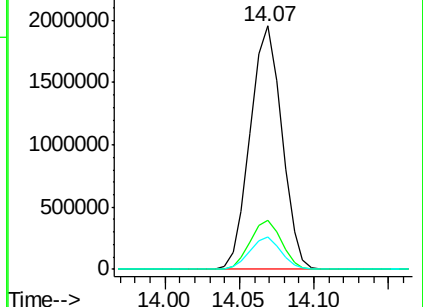
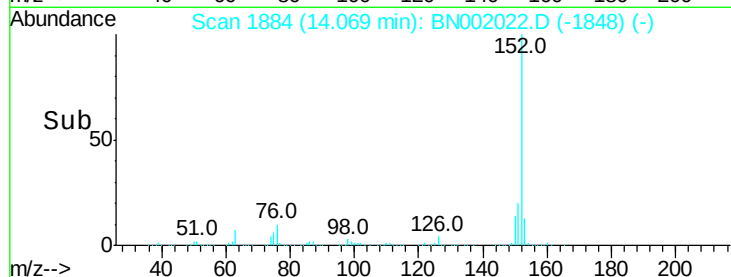
153 13.2 10.8 16.2



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: 23.886 ng/ul

RT: 14.26 min Scan# 1916

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

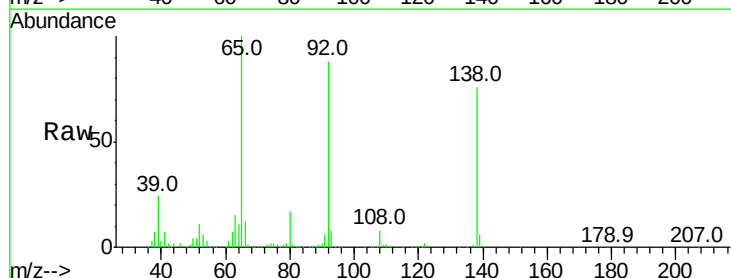
Tgt Ion:138 Resp: 526525

Ion Ratio Lower Upper

138 100

108 10.6 7.6 11.4

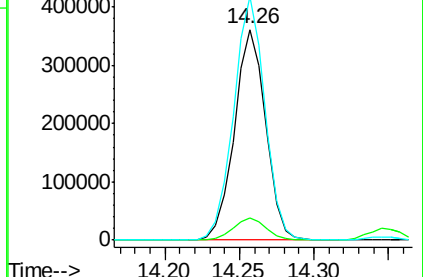
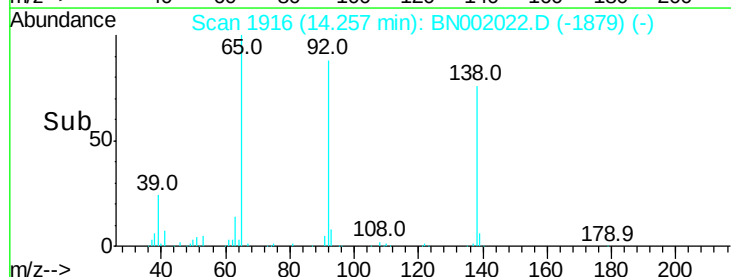
92 115.8 94.2 141.2

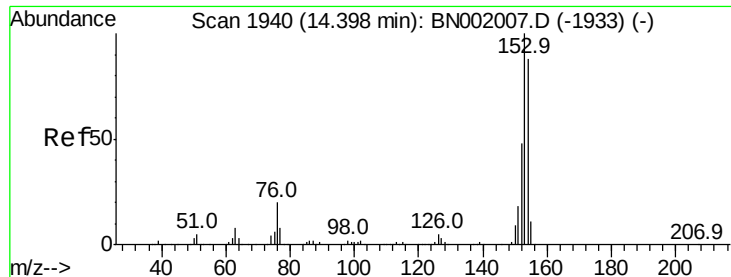


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 19.253 ng/ul

RT: 14.41 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

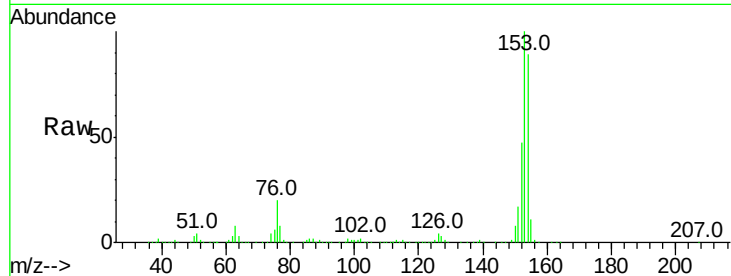
Tot Ion:153 Resp: 1969077

Ion Ratio Lower Upper

153 100

152 47.2 37.9 56.9

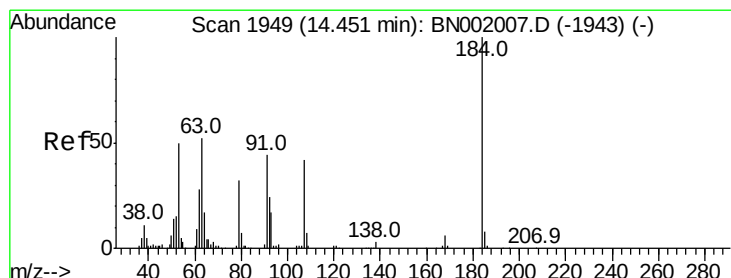
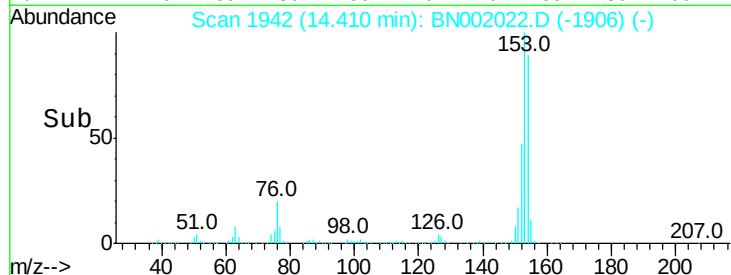
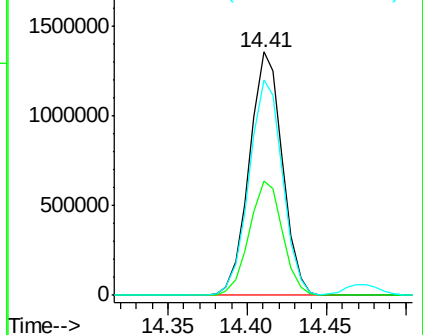
154 88.5 69.8 104.6



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: 13.871 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

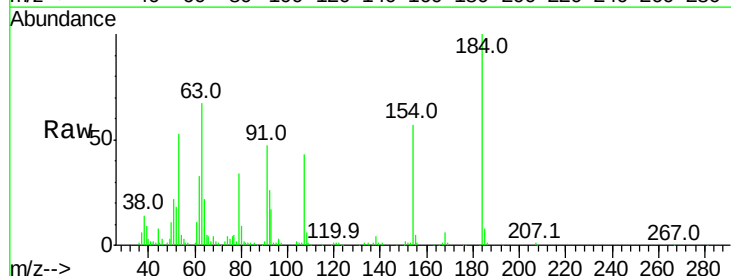
Tgt Ion:184 Resp: 163414

Ion Ratio Lower Upper

184 100

63 67.3 39.7 59.5#

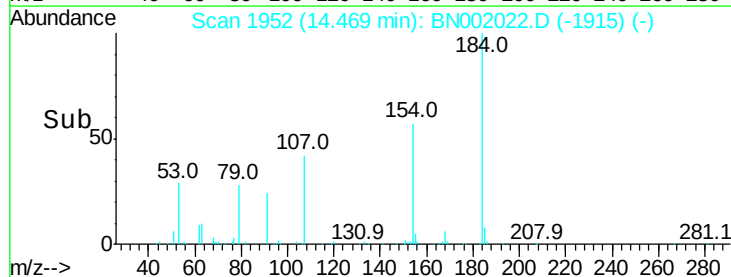
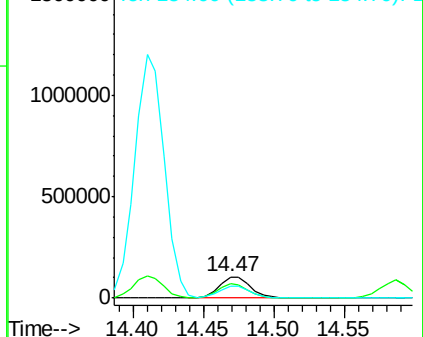
154 57.5 45.0 67.6

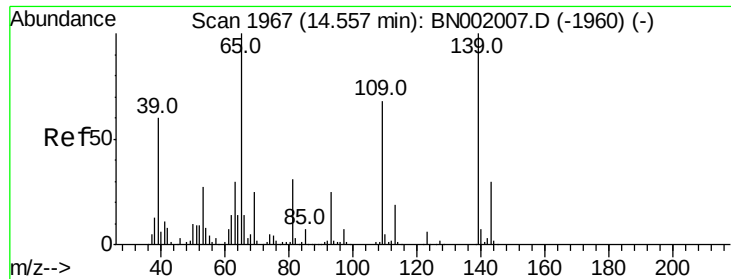


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

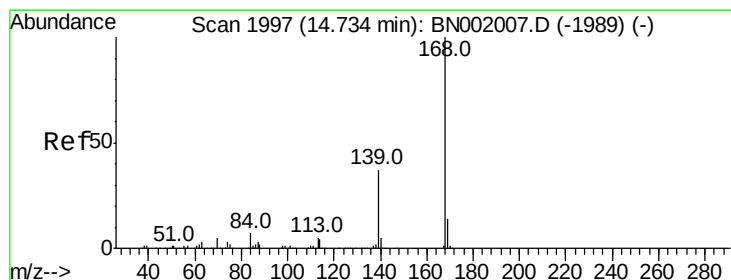
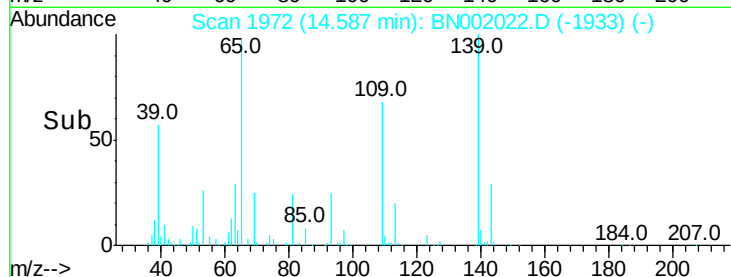
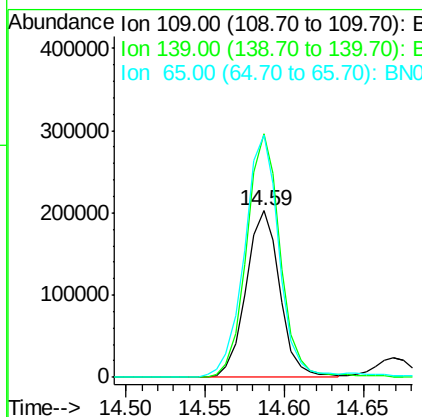
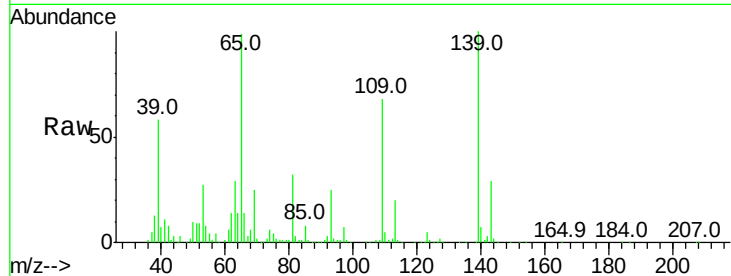




#52
4-Nitrophenol
Concen: 17.676 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.03 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

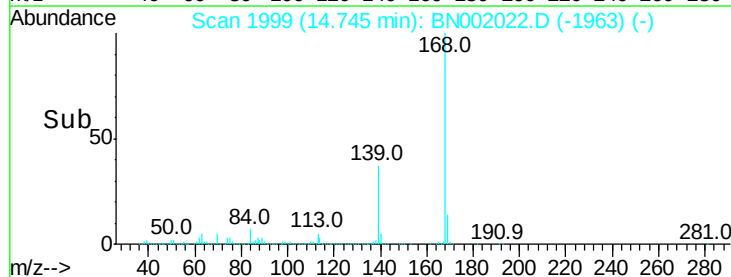
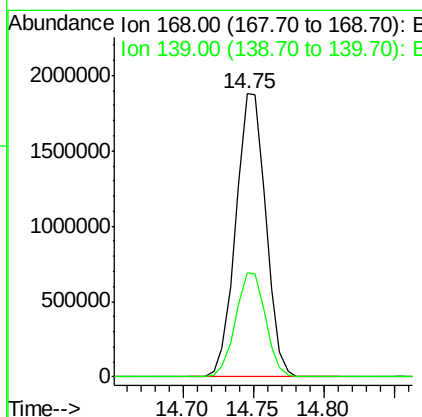
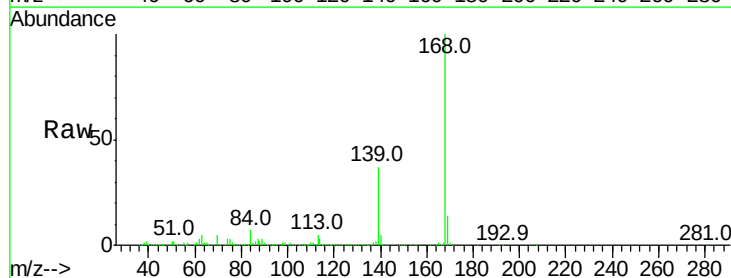
Instrument :
BNA_N
ClientSampleId :

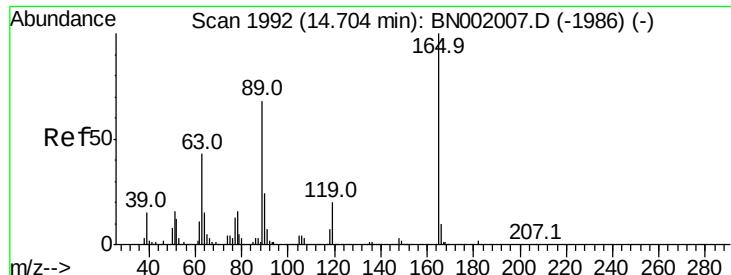
Tot Ion	Ratio	Lower	Upper
109	100		
139	146.2	91.2	136.8#
65	145.1	92.6	139.0#



#53
Dibenzofuran
Concen: 18.944 ng/ul
RT: 14.75 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	31.0	46.4





#54

2,4-Dinitrotoluene

Concen: 20.659 ng/ul

RT: 14.72 min Scan# 1995

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

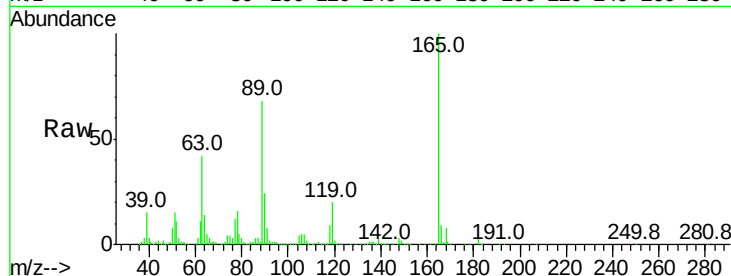
Tot Ion:165 Resp: 705276

Ion Ratio Lower Upper

165 100

63 42.4 31.4 47.0

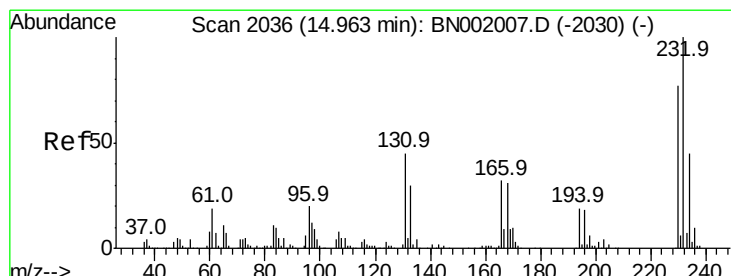
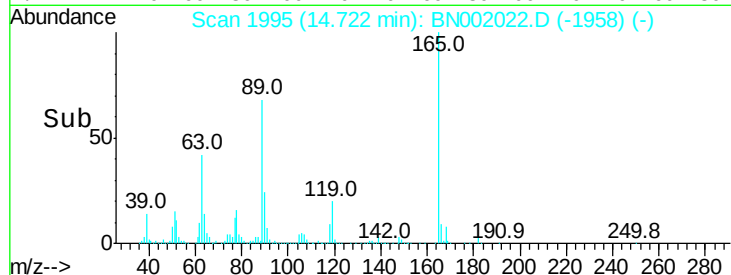
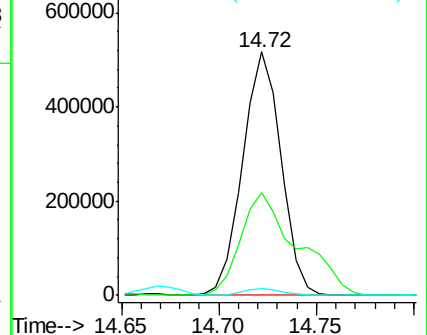
182 3.0 2.7 4.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.851 ng/ul

RT: 14.98 min Scan# 2039

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Tgt Ion:232 Resp: 579048

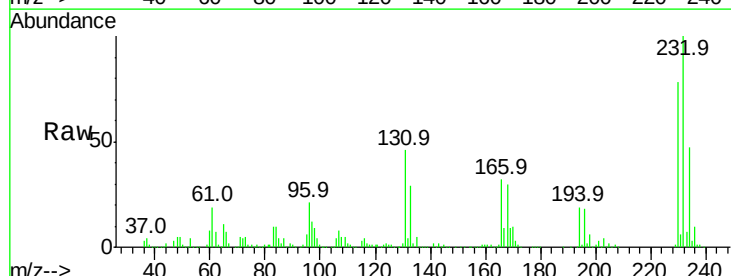
Ion Ratio Lower Upper

232 100

131 46.0 48.0 72.0#

130 2.4 4.0 6.0#

166 31.9 32.0 48.0#

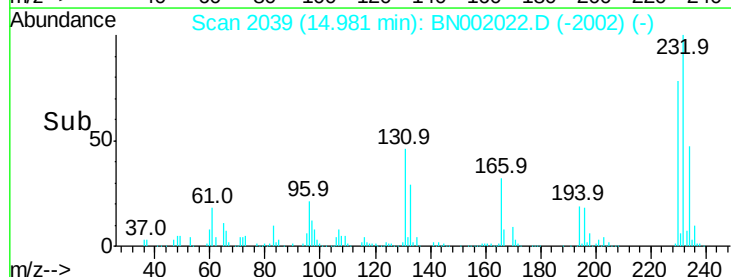
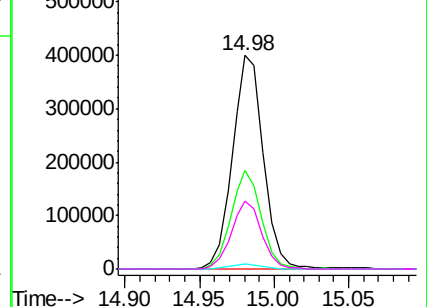


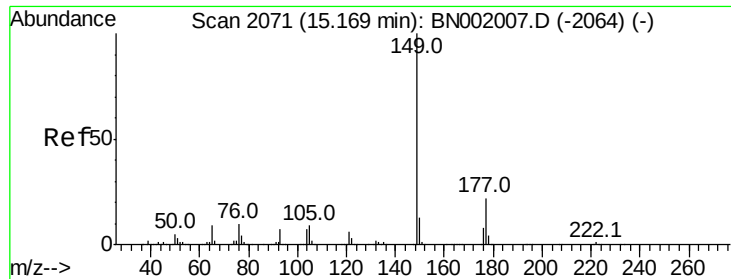
Abundance Ion 232.00 (231.70 to 232.70): E

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





#56

Diethylphthalate

Concen: 18.681 ng/ul

RT: 15.17 min Scan# 2072

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampled :

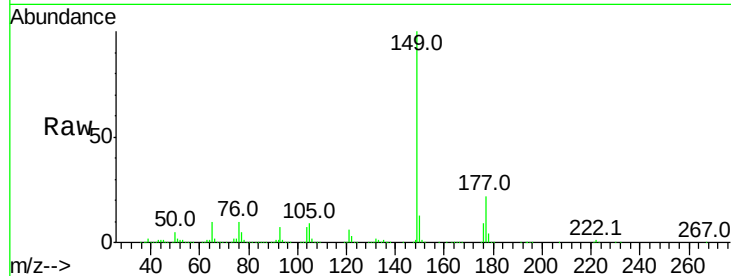
Tot Ion:149 Resp: 2302128

Ion Ratio Lower Upper

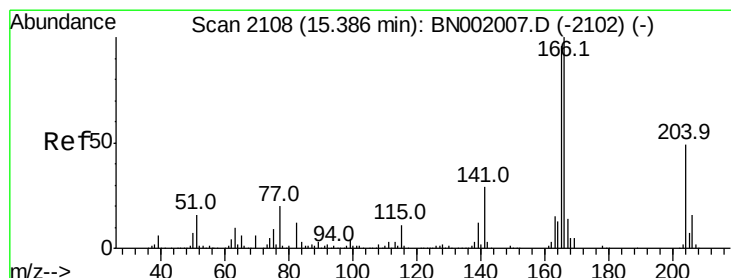
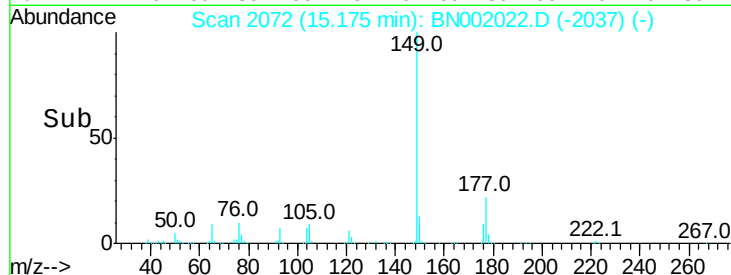
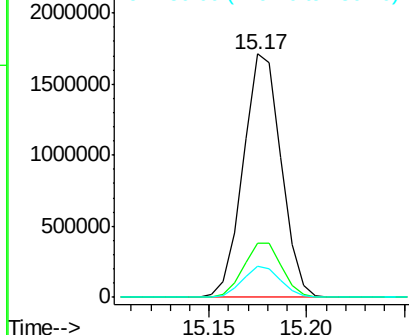
149 100

177 22.2 19.3 28.9

150 12.7 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: 18.800 ng/ul

RT: 15.40 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

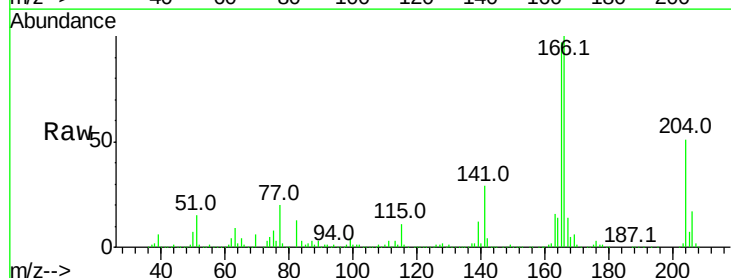
Tgt Ion:166 Resp: 2200722

Ion Ratio Lower Upper

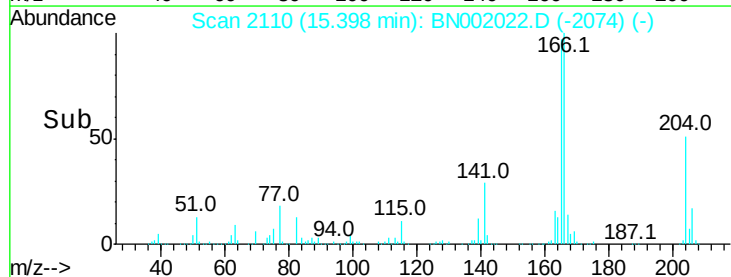
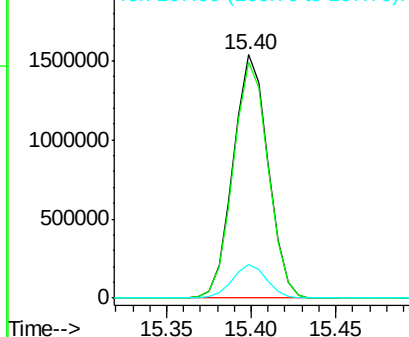
166 100

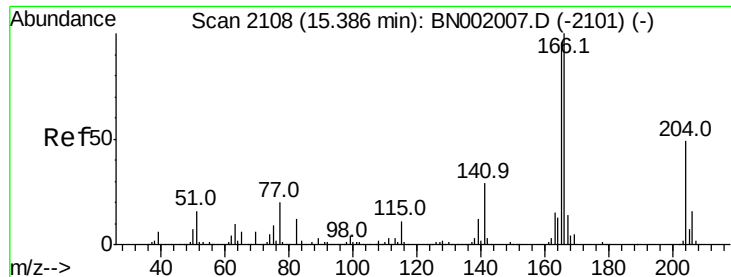
165 97.0 78.4 117.6

167 14.0 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

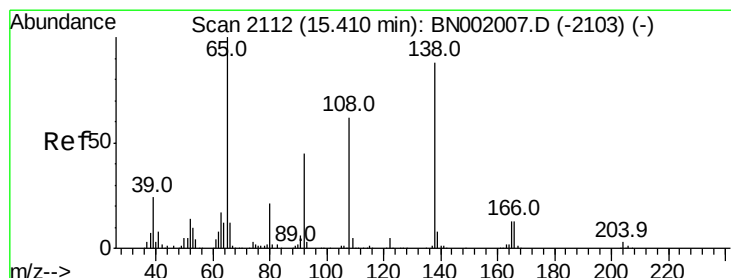
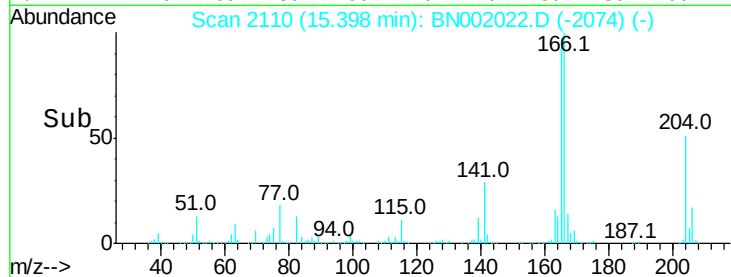
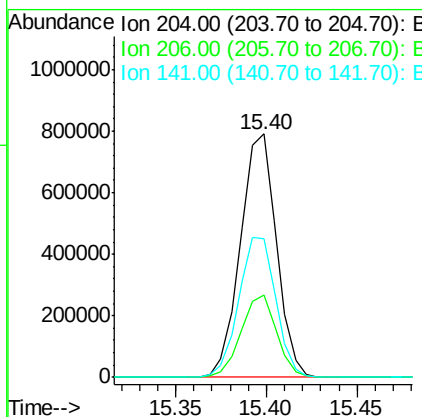
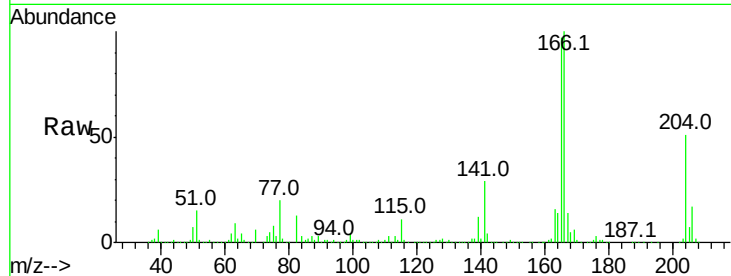




#59
 4-Chlorophenyl-phenylether
 Concen: 18.629 ng/ul
 RT: 15.40 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

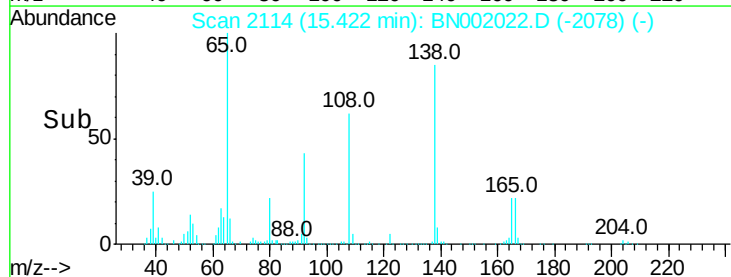
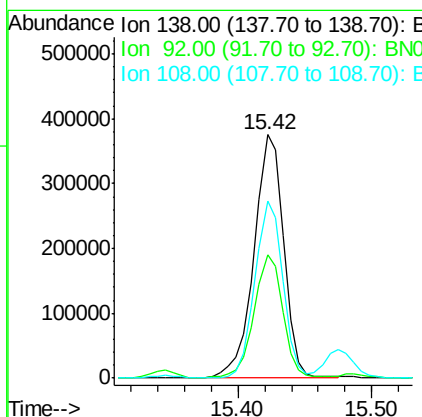
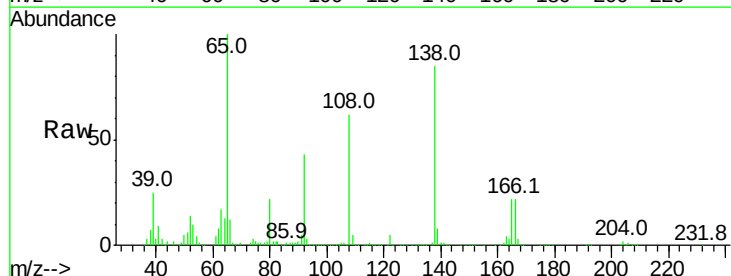
Instrument :
 BNA_N
 ClientSampleId :

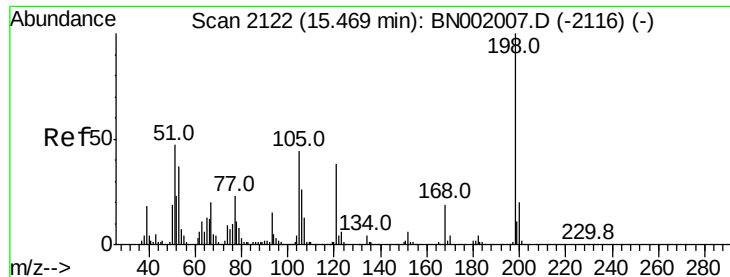
Tot Ion:204 Resp: 1092507
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.6 40.0
 141 56.7 40.7 61.1



#60
 4-Nitroaniline
 Concen: 21.092 ng/ul
 RT: 15.42 min Scan# 2114
 Delta R.T. 0.01 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

Tgt Ion:138 Resp: 574029
 Ion Ratio Lower Upper
 138 100
 92 50.7 38.2 57.4
 108 72.8 70.0 105.0

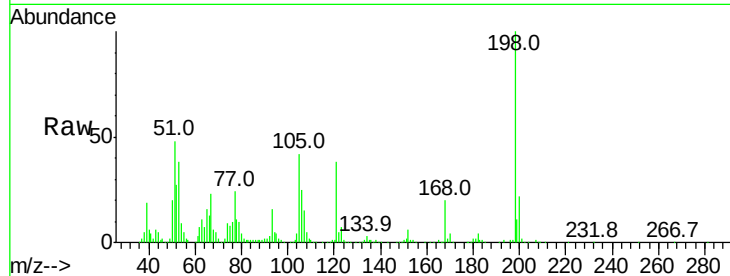




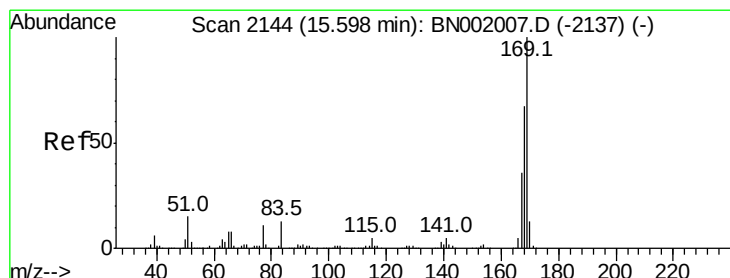
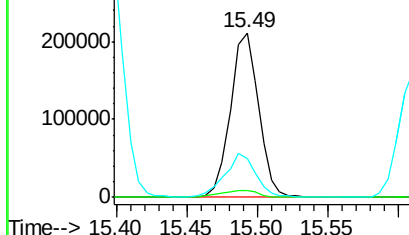
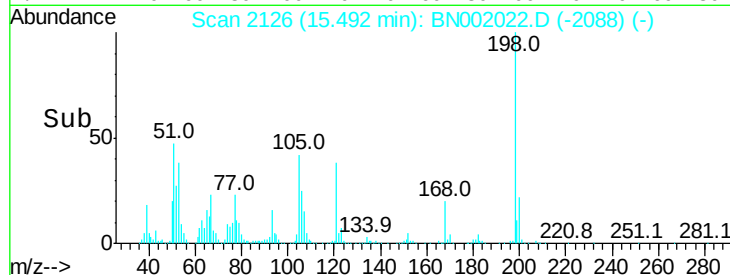
#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.036 ng/ul
 RT: 15.49 min Scan# 2126
 Delta R.T. 0.02 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 295162
 Ion Ratio Lower Upper
 198 100
 182 4.2 3.5 5.3
 77 23.7 18.2 27.4

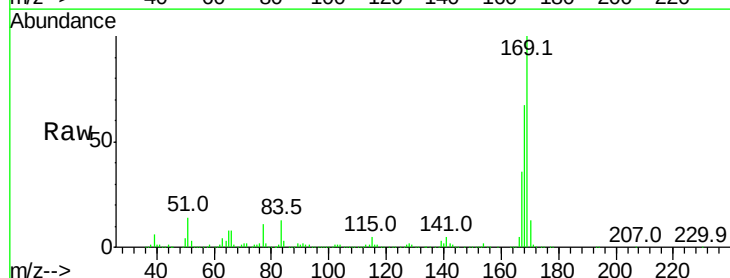


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

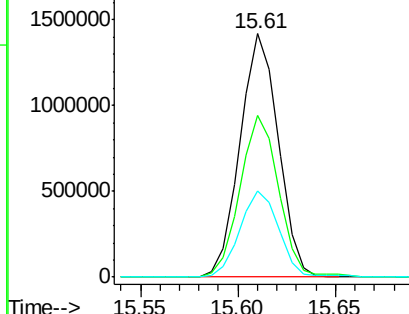
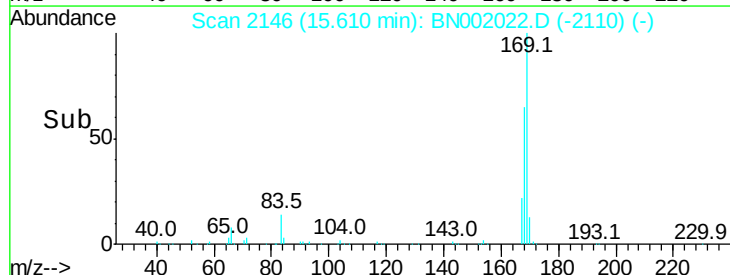


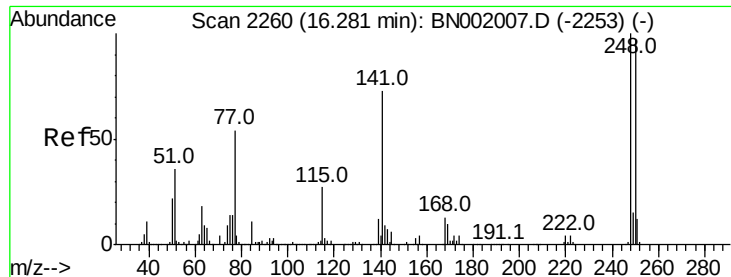
#64
 N-Nitrosodiphenylamine
 Concen: 20.271 ng/ul
 RT: 15.61 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

Tgt Ion:169 Resp: 1930015
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.8 80.8
 167 35.6 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: 20.112 ng/ul

RT: 16.29 min Scan# 2261

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

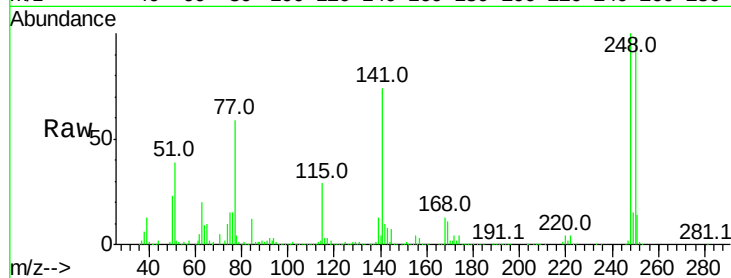
Instrument :

BNA_N

ClientSampleId :

Tot Ion:248 Resp: 695537

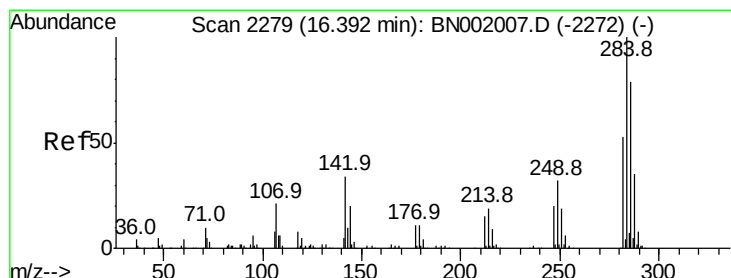
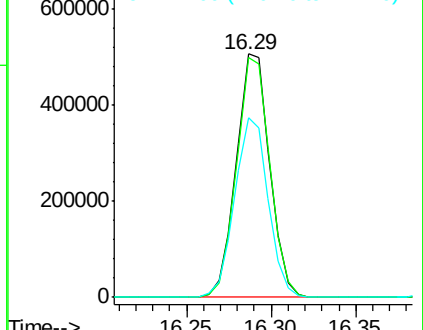
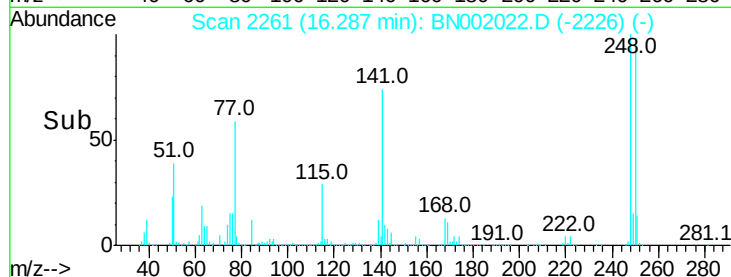
Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.0	118.4
141	73.6	51.9	77.9



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: 19.603 ng/ul

RT: 16.40 min Scan# 2281

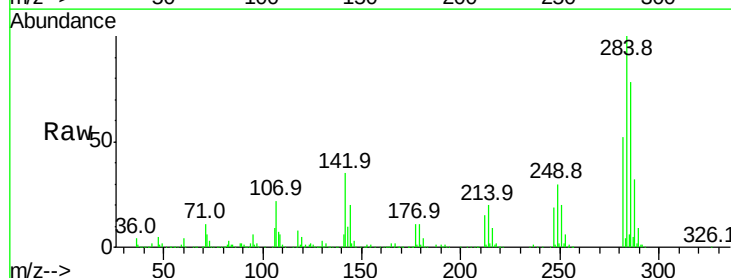
Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Tgt Ion:284 Resp: 763559

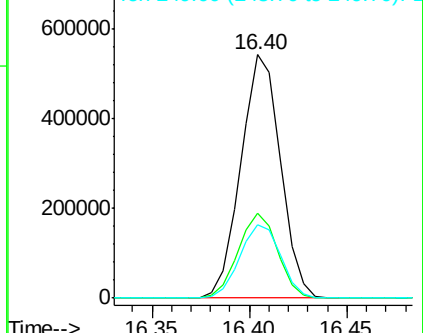
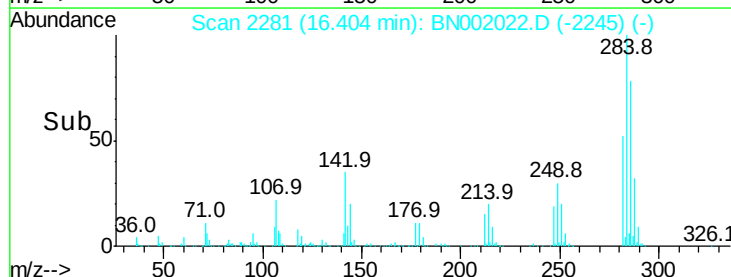
Ion	Ratio	Lower	Upper
284	100		
142	34.9	21.3	31.9#
249	30.1	26.3	39.5

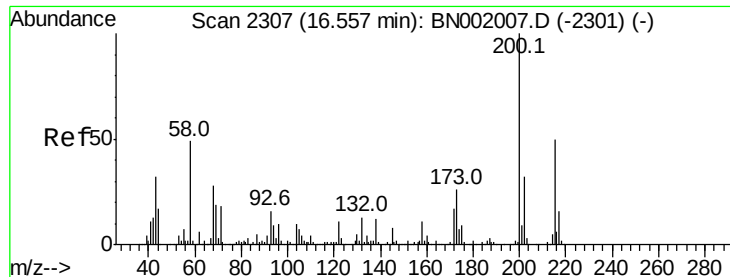


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

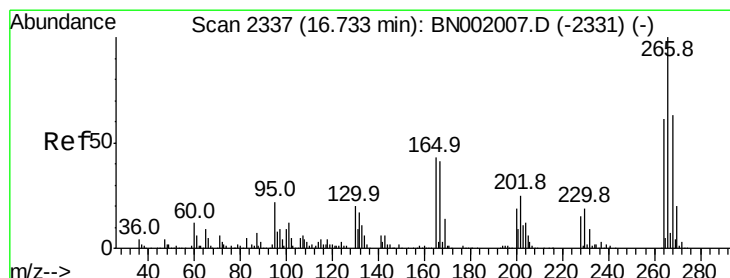
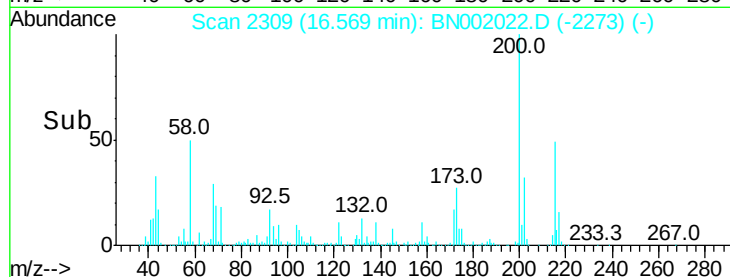
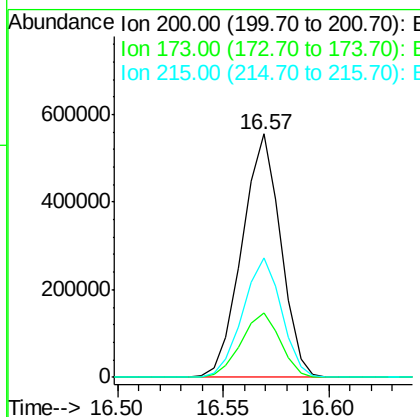
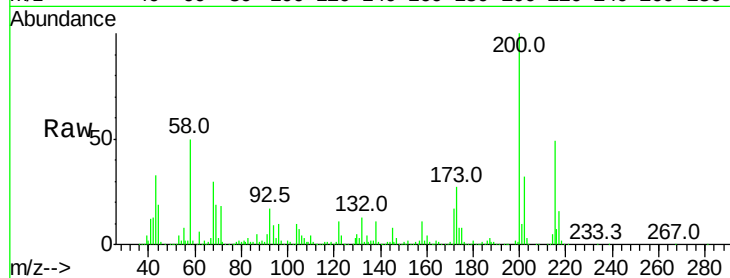




#67
 Atrazine
 Concen: 20.298 ng/ul
 RT: 16.57 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

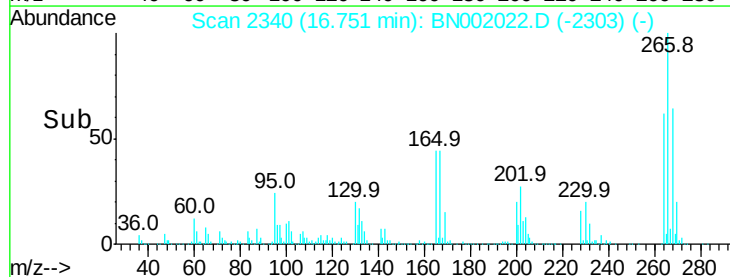
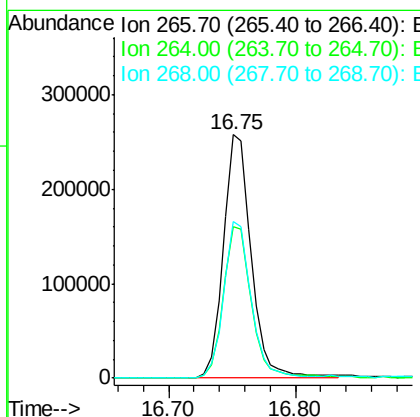
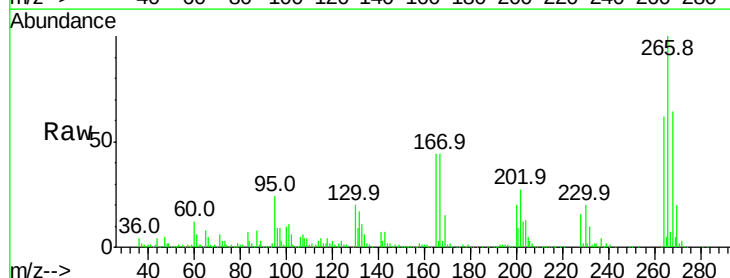
Instrument :
 BNA_N
 ClientSampleId :

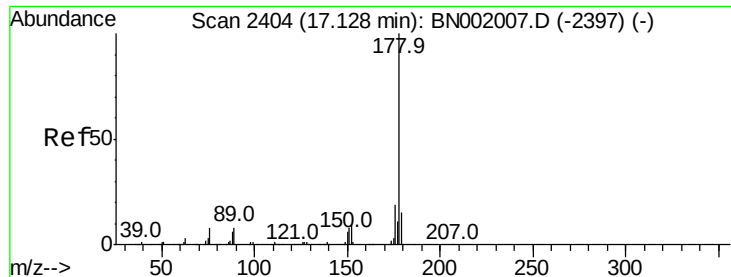
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	20.6	31.0
215	49.2	39.8	59.6



#68
 Pentachlorophenol
 Concen: 18.183 ng/ul
 RT: 16.75 min Scan# 2340
 Delta R.T. 0.02 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.1	48.2	72.4
268	64.4	52.3	78.5





#69

Phenanthrene

Concen: 19.217 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

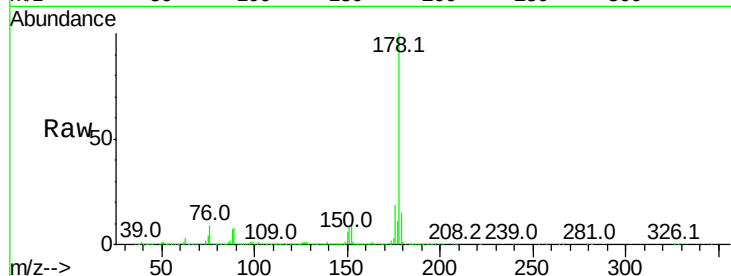
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 3446414

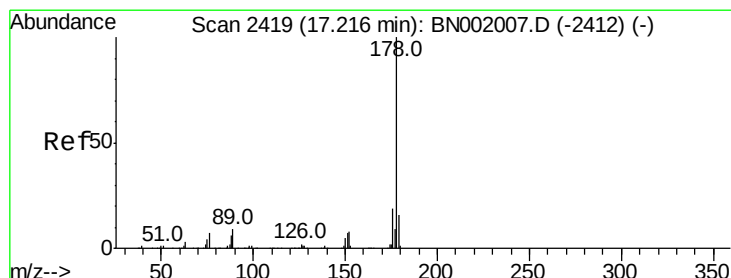
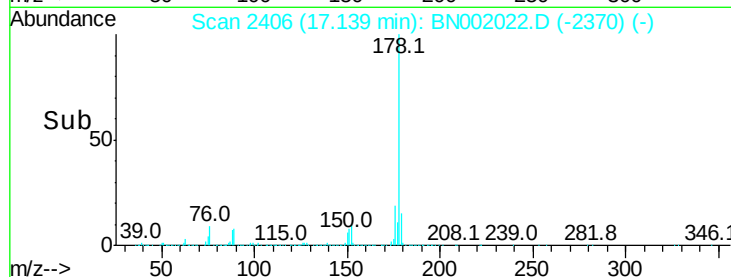
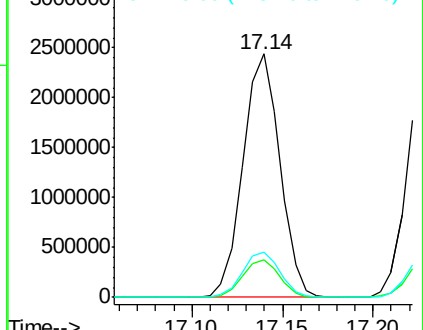
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.6	15.4	23.0



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: 19.432 ng/ul

RT: 17.23 min Scan# 2421

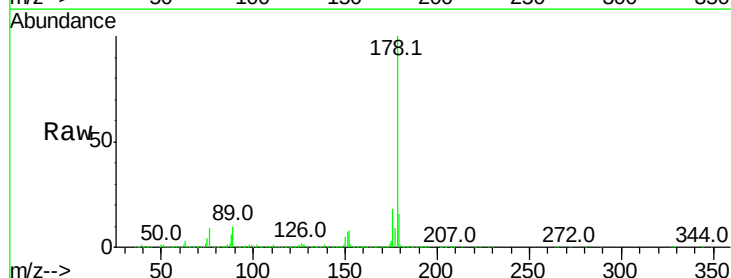
Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Tgt Ion:178 Resp: 3527629

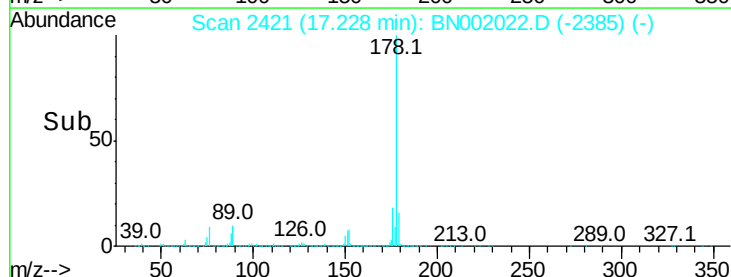
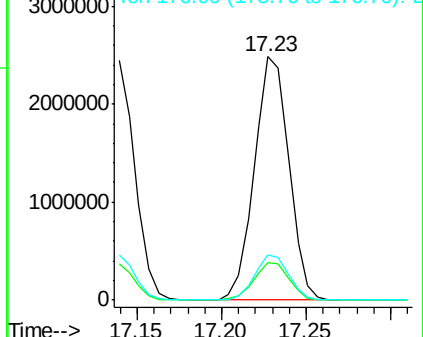
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.4	15.4	23.0

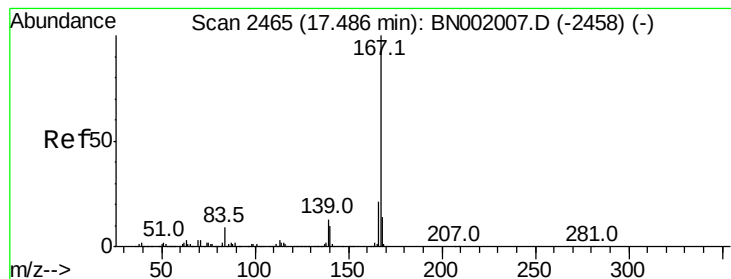


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.476 ng/ul

RT: 17.50 min Scan# 2468

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

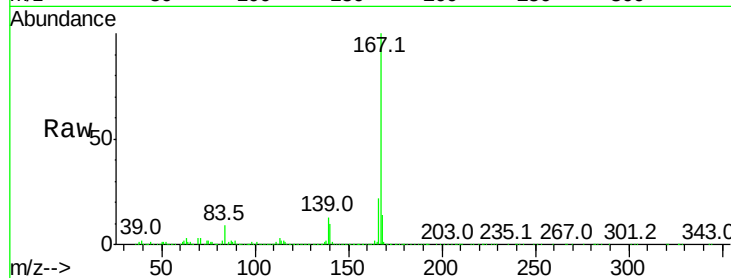
Instrument :

BNA_N

ClientSampled :

Tot Ion:167 Resp: 3113803

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	12.7	9.1	13.7

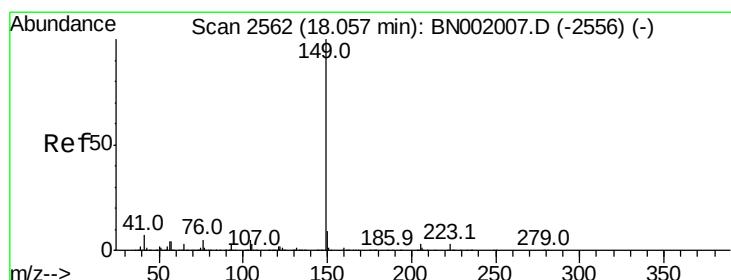
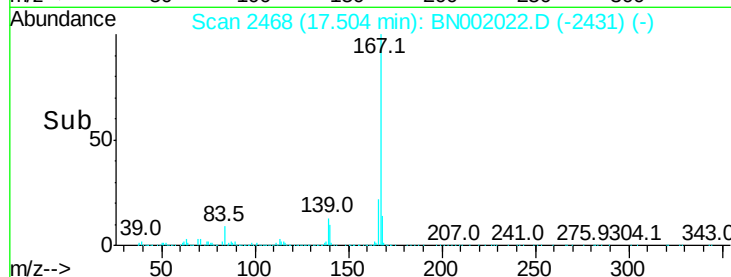
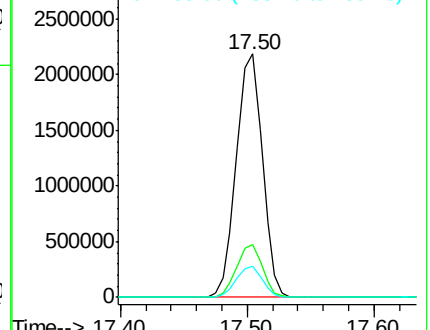


Abundance

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: 20.874 ng/ul

RT: 18.07 min Scan# 2564

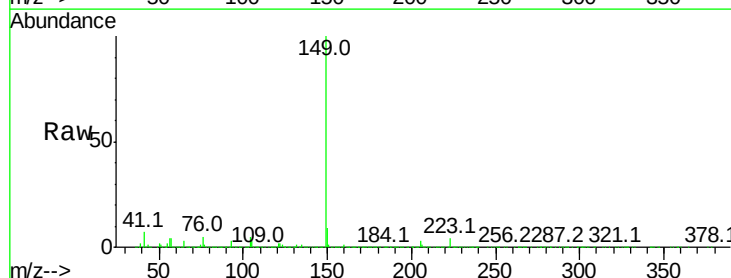
Delta R.T. 0.01 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Tgt Ion:149 Resp: 4008347

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.7	4.1	6.1

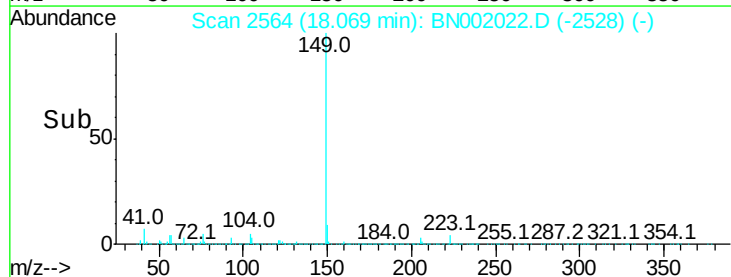
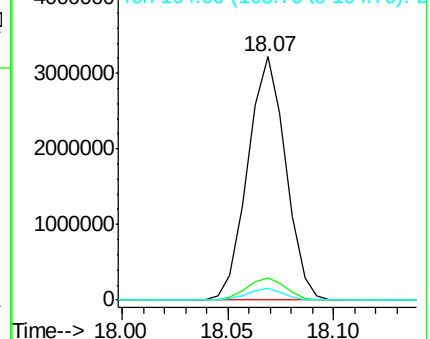


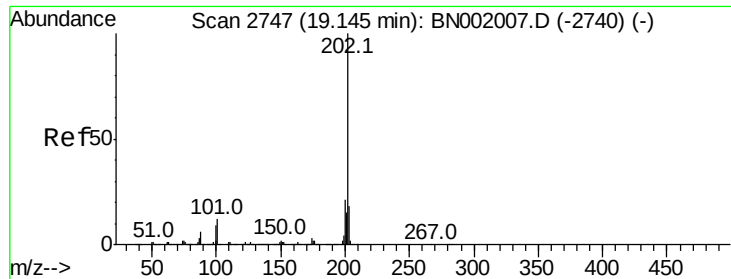
Abundance

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

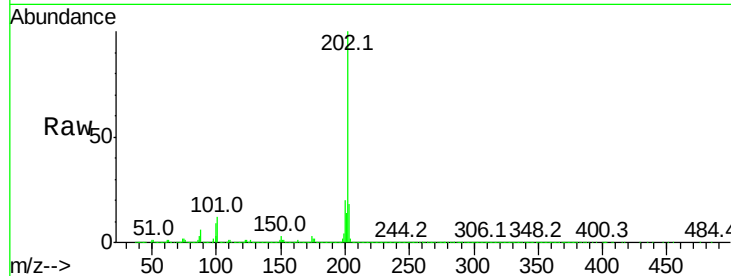




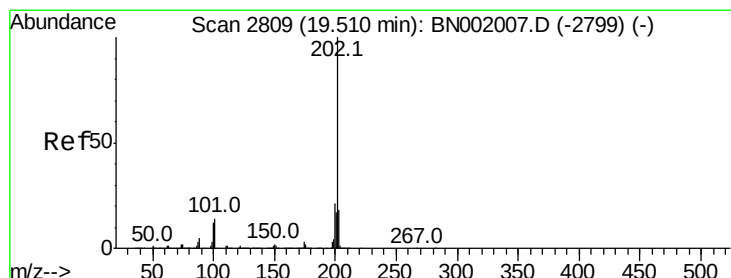
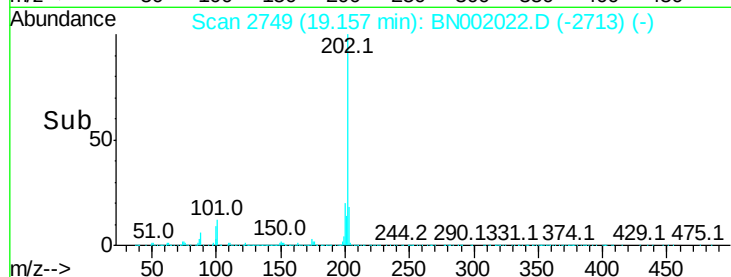
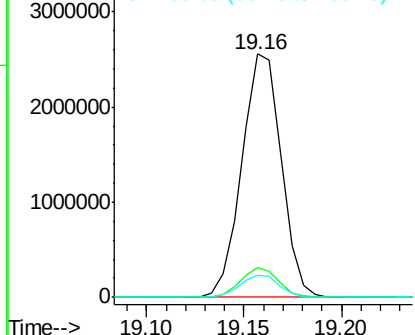
#74
 Fluoranthene
 Concen: 18.971 ng/ul
 RT: 19.16 min Scan# 2749
 Delta R.T. 0.01 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 3576406
 Ion Ratio Lower Upper
 202 100
 101 12.1 6.1 9.1#
 100 9.1 4.6 7.0#

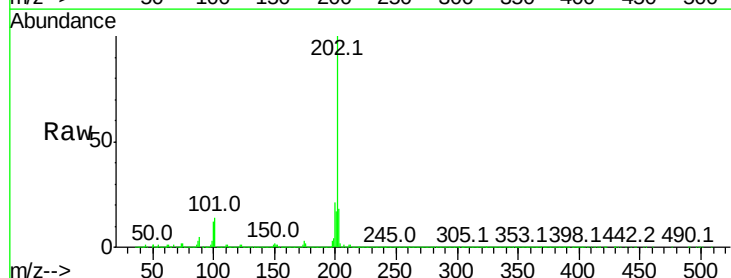


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

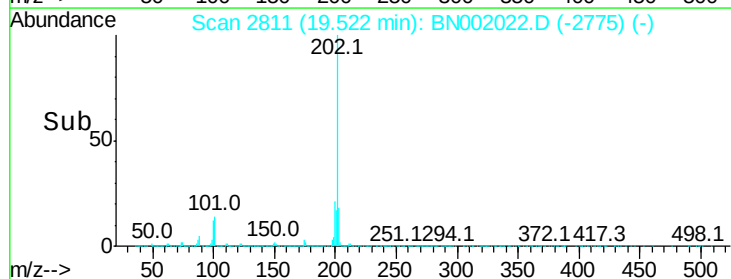
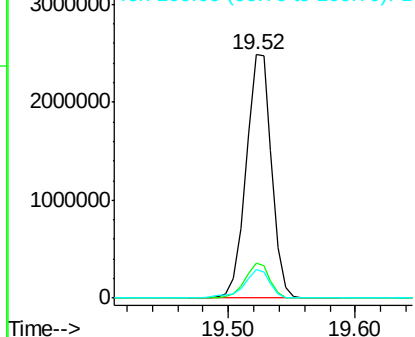


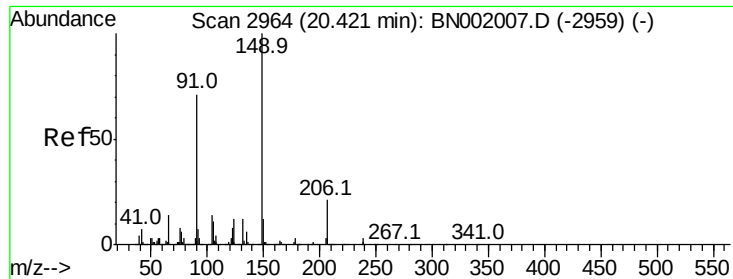
#77
 Pyrene
 Concen: 25.156 ng/ul
 RT: 19.52 min Scan# 2811
 Delta R.T. 0.01 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

Tgt Ion:202 Resp: 3449150
 Ion Ratio Lower Upper
 202 100
 101 14.4 6.9 10.3#
 100 11.7 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

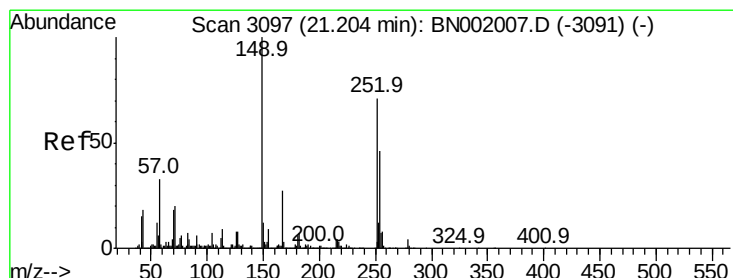
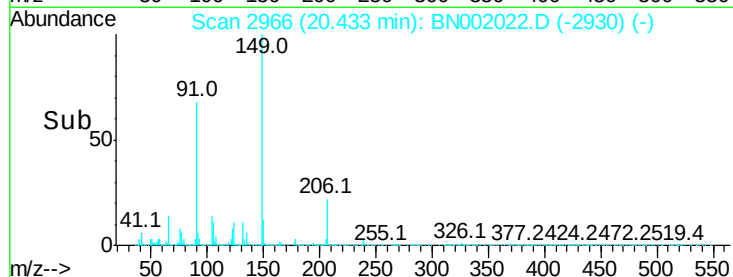
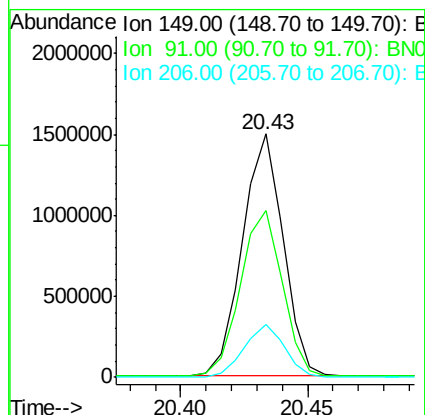
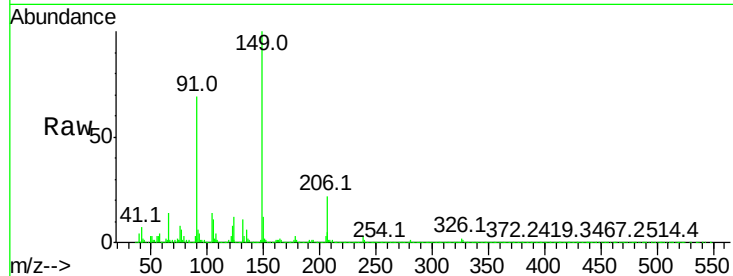




#78
Butylbenzylphthalate
Concen: 28.605 ng/ul
RT: 20.43 min Scan# 2966
Delta R.T. 0.01 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

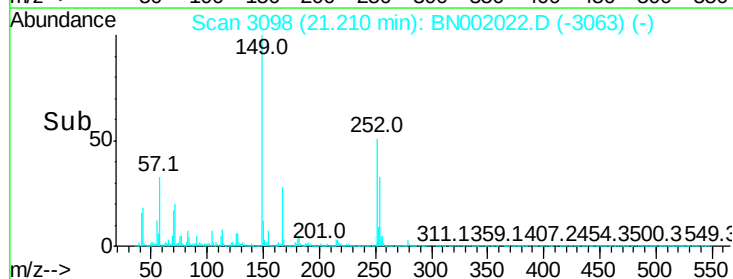
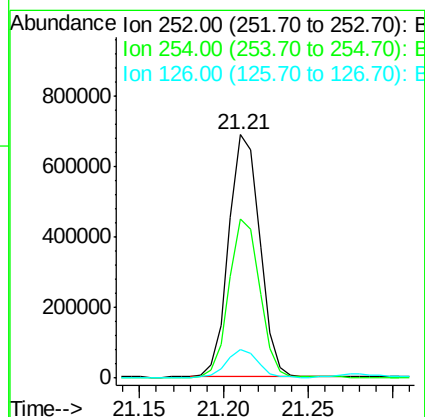
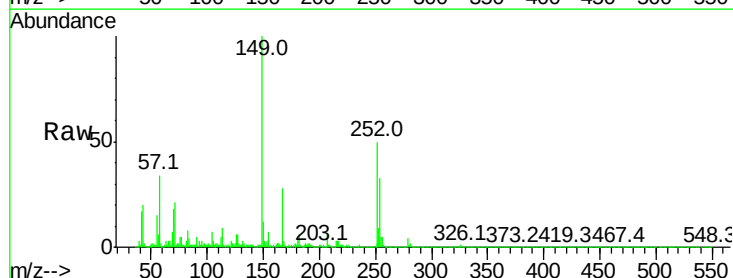
Instrument :
BNA_N
ClientSampleId :

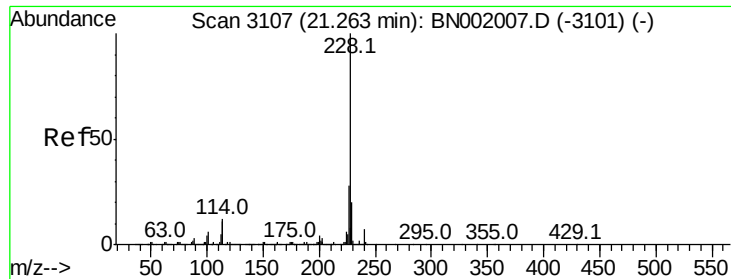
Tot Ion:149 Resp: 1673593
Ion Ratio Lower Upper
149 100
91 68.6 53.4 80.0
206 21.7 19.3 28.9



#79
3,3'-Dichlorobenzidine
Concen: 21.205 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

Tgt Ion:252 Resp: 881637
Ion Ratio Lower Upper
252 100
254 65.2 52.8 79.2
126 11.7 6.9 10.3#

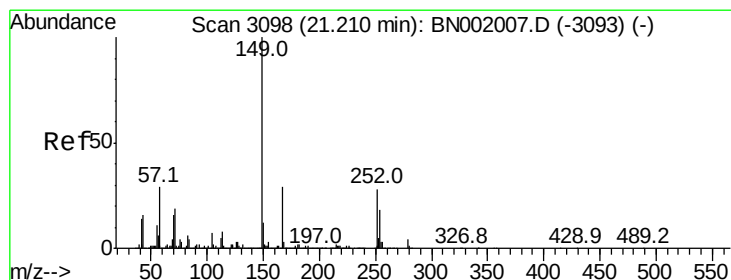
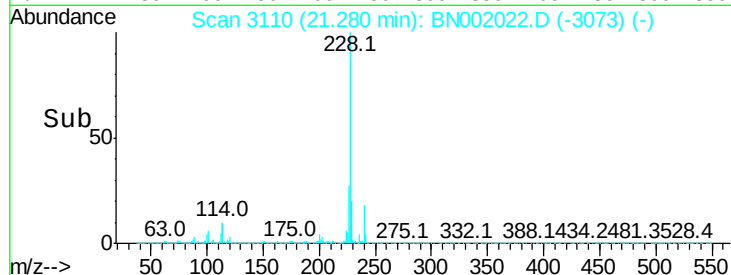
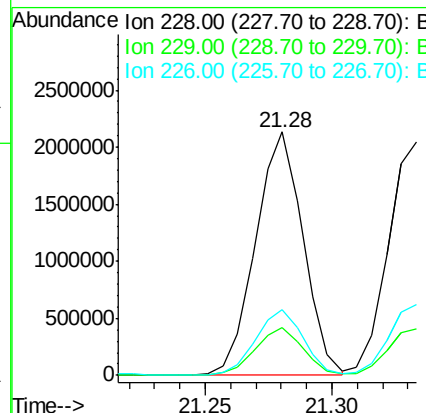
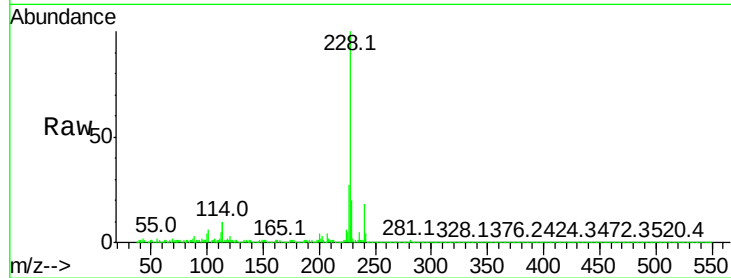




#80
Benzo(a)anthracene
Concen: 20.005 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.02 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

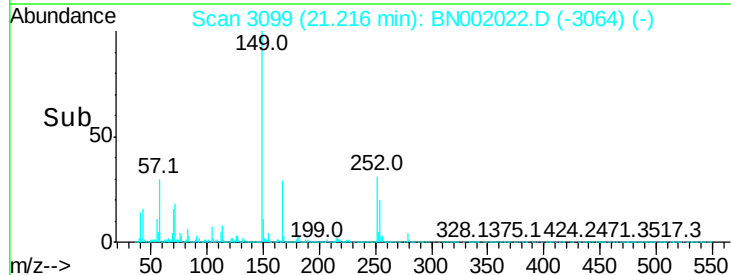
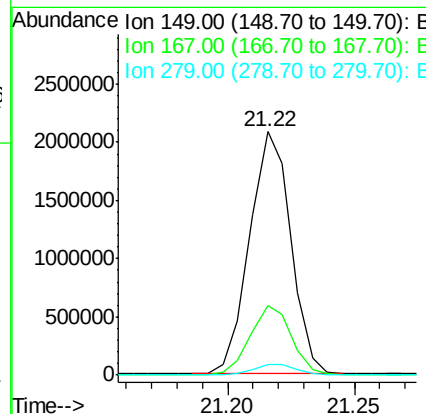
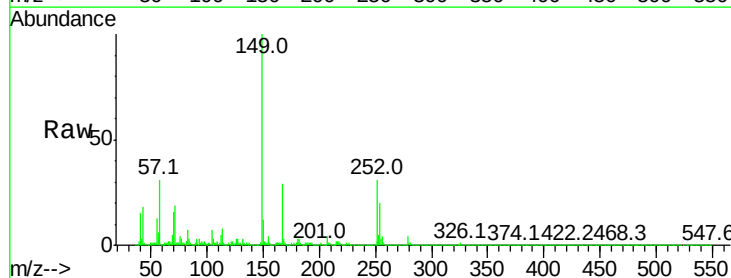
Instrument :
BNA_N
ClientSampleId :

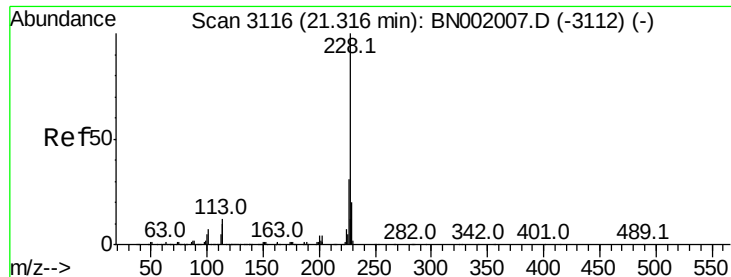
Tot Ion:228 Resp: 2770098
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 26.9 21.8 32.8



#81
Bis(2-ethylhexyl)phthalate
Concen: 26.846 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BN002022.D
Acq: 11 Jul 2018 21:54

Tgt Ion:149 Resp: 2342257
Ion Ratio Lower Upper
149 100
167 28.6 23.0 34.6
279 4.3 4.3 6.5#





#82

Chrysene

Concen: 19.821 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

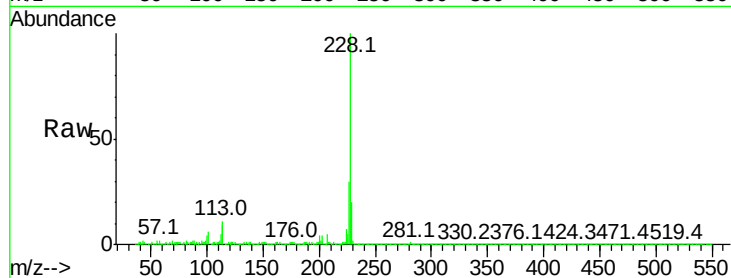
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 2553775

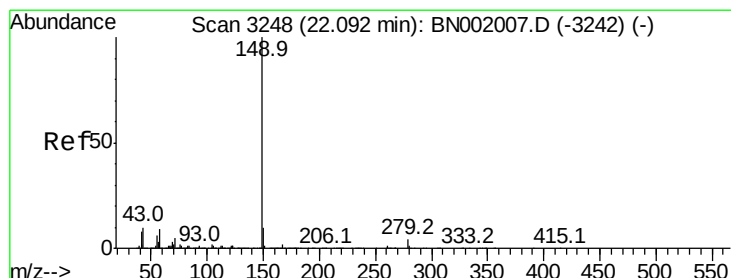
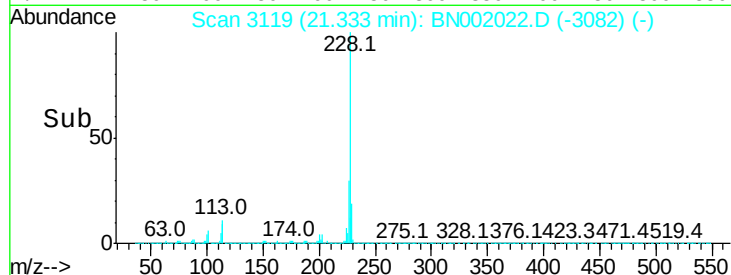
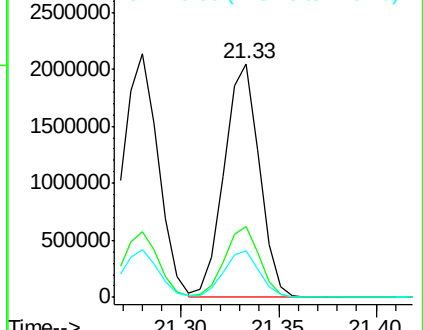
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.7	16.0	24.0



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: 28.066 ng/ul

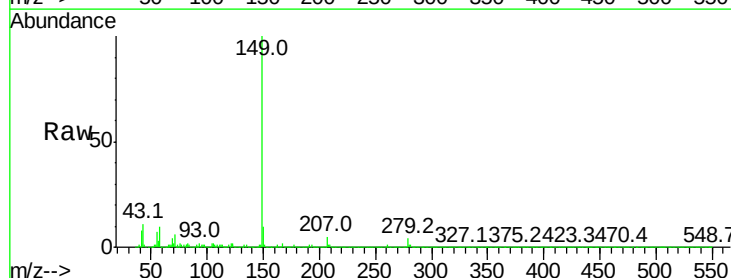
RT: 22.10 min Scan# 3249

Delta R.T. 0.01 min

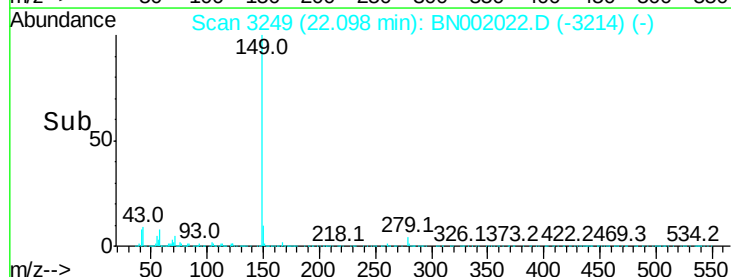
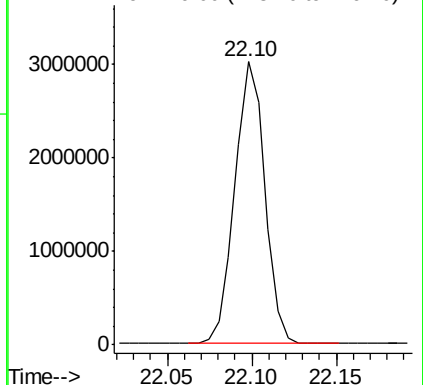
Lab File: BN002022.D

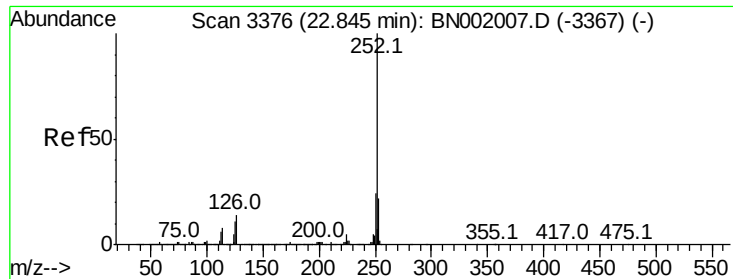
Acq: 11 Jul 2018 21:54

Tgt Ion:149 Resp: 3733771



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 19.025 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Instrument :

BNA_N

ClientSampleId :

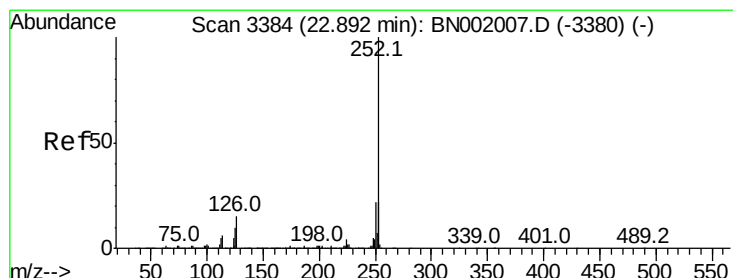
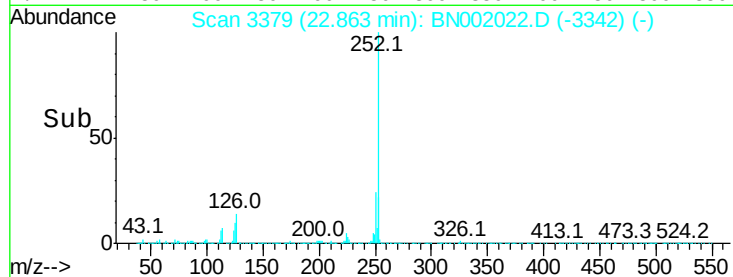
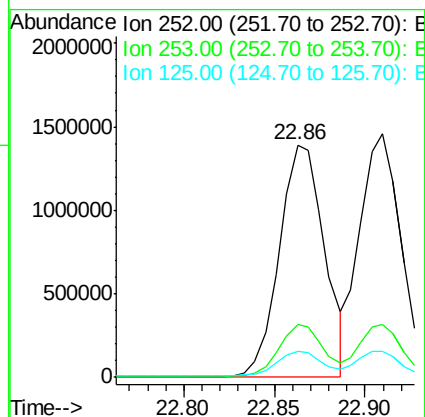
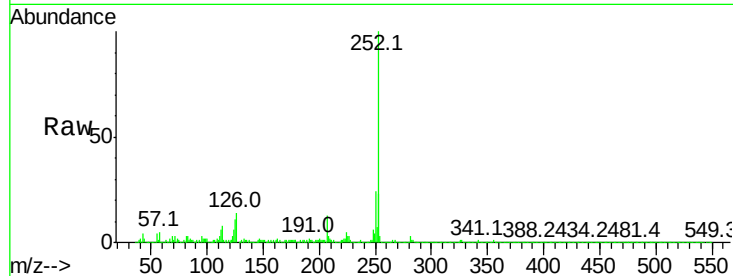
Tot Ion:252 Resp: 2410540

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 11.1 4.9 7.3#



#86

Benzo(k)fluoranthene

Concen: 18.690 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

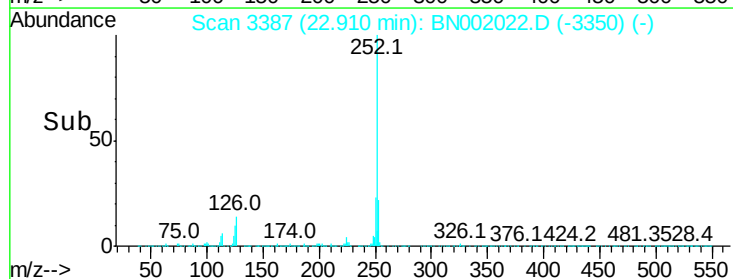
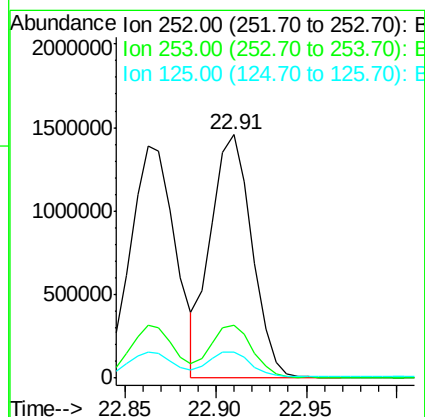
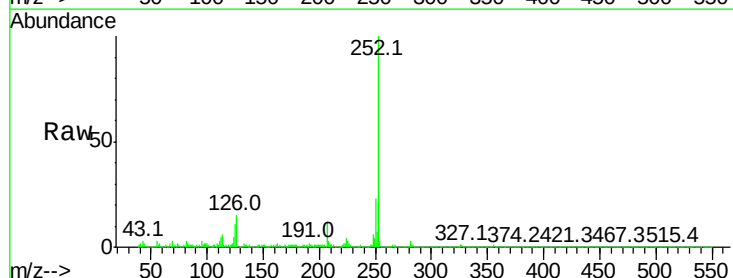
Tgt Ion:252 Resp: 2296337

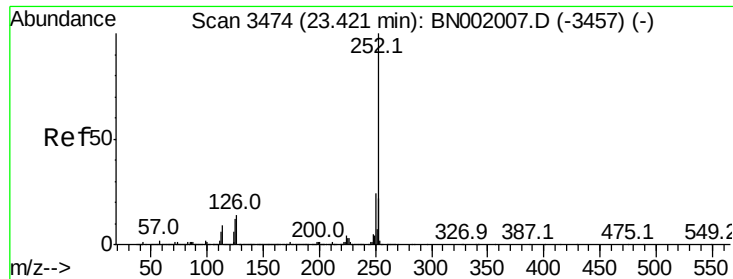
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.9 5.4 8.0#





#88

Benzo(a)pyrene

Concen: 19.168 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. 0.02 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

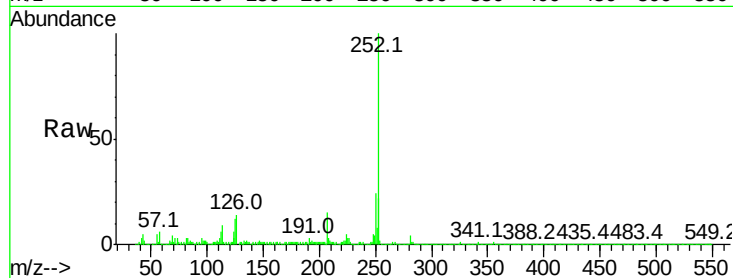
Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 2269487

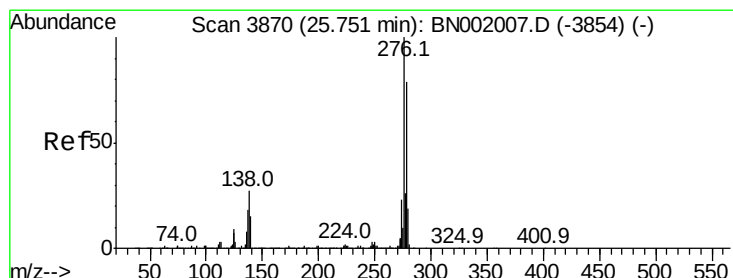
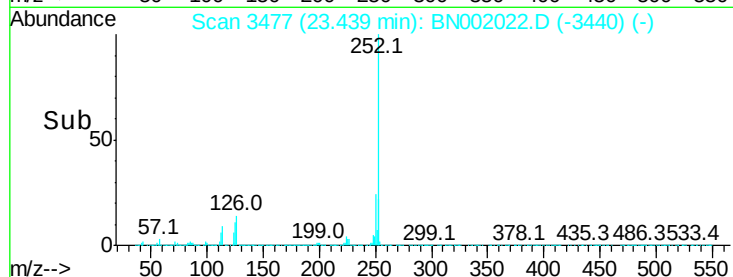
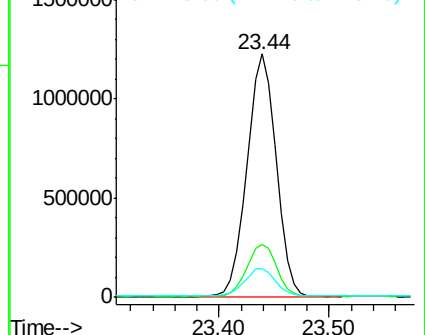
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.7	5.8	8.6



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: 21.207 ng/ul

RT: 25.79 min Scan# 3876

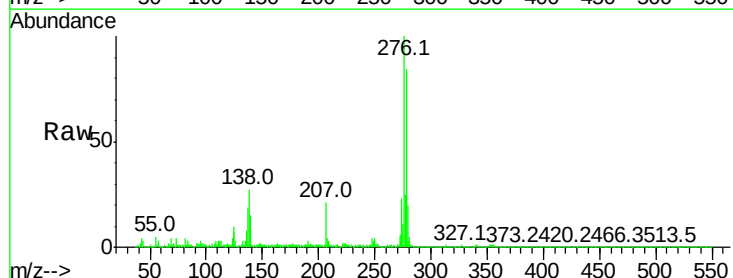
Delta R.T. 0.04 min

Lab File: BN002022.D

Acq: 11 Jul 2018 21:54

Tgt Ion:276 Resp: 2671791

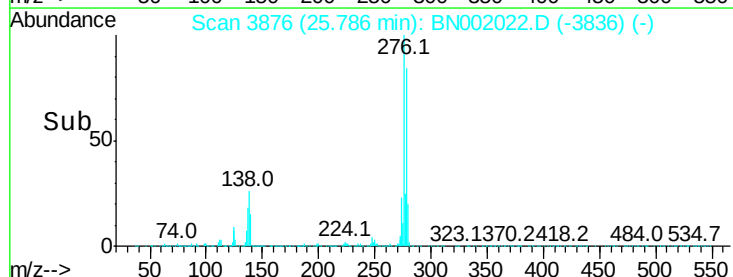
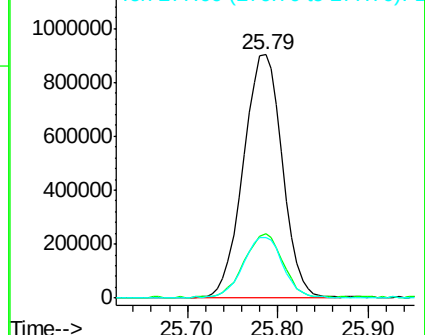
Ion	Ratio	Lower	Upper
276	100		
138	26.6	10.9	16.3
277	24.9	18.9	28.3

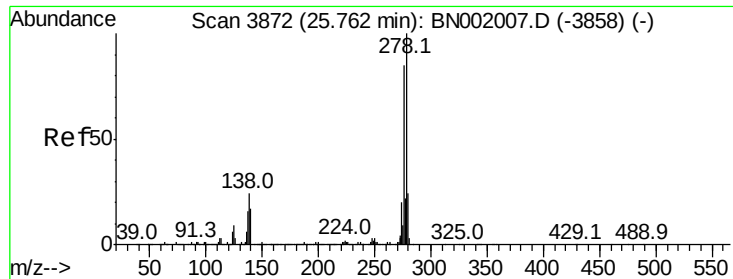


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



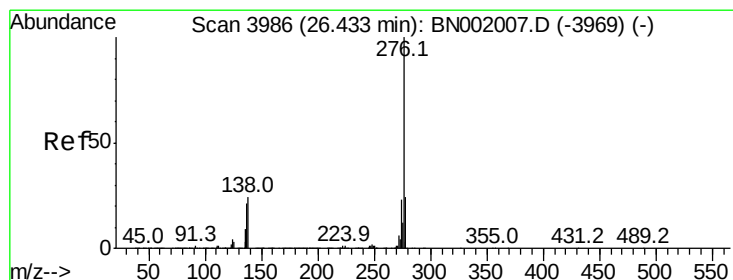
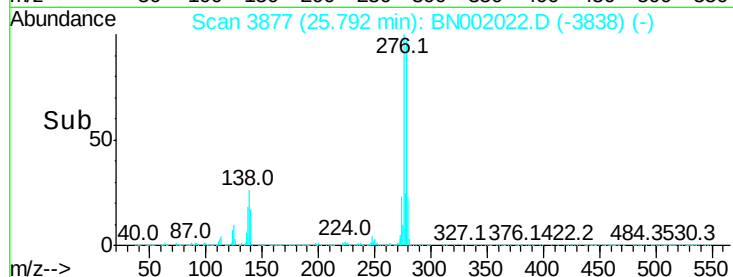
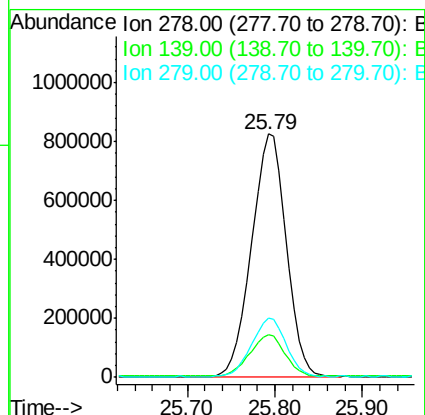
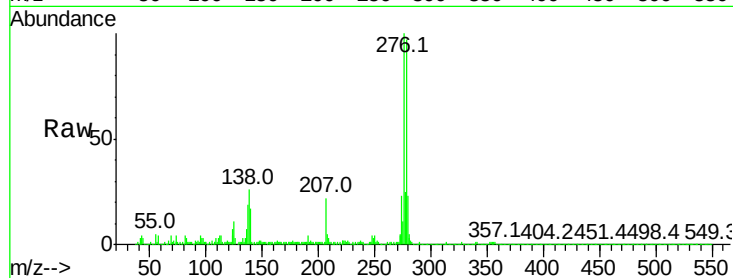


#90

Dibenzo(a,h)anthracene
 Concen: 21.250 ng/ul
 RT: 25.79 min Scan# 3877
 Delta R.T. 0.03 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:278 Resp: 2228172
 Ion Ratio Lower Upper
 278 100
 139 17.8 9.0 13.4#
 279 24.2 19.1 28.7



#91

Benzo(g,h,i)perylene
 Concen: 21.609 ng/ul
 RT: 26.47 min Scan# 3992
 Delta R.T. 0.04 min
 Lab File: BN002022.D
 Acq: 11 Jul 2018 21:54

Tgt Ion:276 Resp: 2245776
 Ion Ratio Lower Upper
 276 100
 138 23.3 11.2 16.8#
 277 23.8 19.0 28.6

