

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002648.D
 Acq On : 12 Sep 2018 11:01
 Operator : JU/SJ
 Sample : J4792-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YW6

Quant Time: Sep 13 12:49:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	145083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	661699	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	397941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	939768	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1024370	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	987717	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	11525	3.75	ng/uL	0.00
5) Phenol-d5	6.84	99	350743	26.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	212798	25.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	278139	27.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	264628	24.88	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	139782	26.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	161691	29.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	299773	29.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	383758	34.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1038237	31.47	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	1217304	30.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	176960	28.38	ng/ul	0.00
57) Fluorene-d10	15.29	176	879009	30.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	177000	29.58	ng/ul	0.00
70) Anthracene-d10	17.14	188	1413048	31.47	ng/ul	0.00
78) Pyrene-d10	19.44	212	1568626	32.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1672602	32.38	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	63068	19.179	ng/uL 92
4) Benzaldehyde	6.81	77	304772	33.347	ng/ul 96
6) Phenol	6.87	94	482812	35.638	ng/ul 94
10) 2-Chlorophenol	7.22	128	251205	24.624	ng/ul# 89
15) N-Nitroso-di-n-propylamine	8.46	70	243746	27.169	ng/ul# 86
20) Nitrobenzene	8.85	77	269993	21.419	ng/ul 94
23) 2-Nitrophenol	9.55	139	151240	25.978	ng/ul 89
27) 2,4-Dichlorophenol	10.09	162	275783	27.983	ng/ul 99
28) Naphthalene	10.47	128	610387	17.929	ng/ul 100
31) Hexachlorobutadiene	10.76	225	171195	27.595	ng/ul 98
33) 4-Chloro-3-methylphenol	11.73	107	516040	45.503	ng/ul 98
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	263652	21.873	ng/ul 97
38) 2,4,6-Trichlorophenol	12.72	196	341576	44.009	ng/ul 100
40) 1,1'-Biphenyl	13.12	154	906086	28.443	ng/ul 99
41) 2-Chloronaphthalene	13.16	162	432741	17.426	ng/ul 97
44) Dimethylphthalate	13.75	163	937042	28.963	ng/ul 99
45) 2,6-Dinitrotoluene	13.88	165	183224	28.030	ng/ul 99
49) Acenaphthene	14.36	153	641708	23.610	ng/ul 98
52) 4-Nitrophenol	14.53	109	121650	25.739	ng/ul# 79
53) Dibenzofuran	14.69	168	758165	19.773	ng/ul 96
55) 2,3,4,6-Tetrachlorophenol	14.93	232	203184	28.019	ng/ul 96
59) 4-Chlorophenyl-phenylether	15.34	204	287055	18.540	ng/ul 92
63) 4,6-Dinitro-2-methylphenol	15.45	198	304394	49.316	ng/ul 96

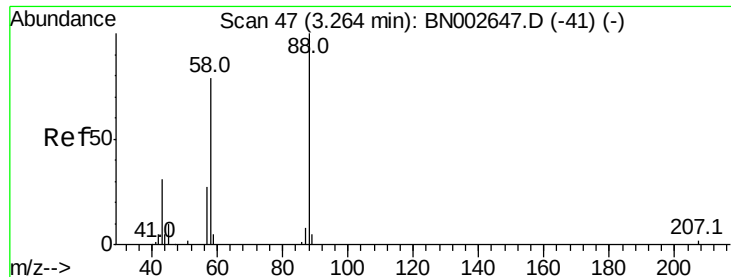
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) Hexachlorobenzene	16.35	284	235253	21.987	ng/ul	96
68) Pentachlorophenol	16.70	266	273521	45.669	ng/ul	99
69) Phenanthrene	17.09	178	1014215	19.577	ng/ul	99
71) Anthracene	17.17	178	1213804	23.101	ng/ul	99
74) Carbazole	17.45	167	1124064	24.123	ng/ul	99
75) Di-n-butylphthalate	18.02	149	1190270	21.012	ng/ul	100
76) Fluoranthene	19.11	202	2664403	45.187	ng/ul	98
79) Pyrene	19.47	202	1925464	31.173	ng/ul	98
80) Butylbenzylphthalate	20.39	149	542852	20.742	ng/ul	98
82) Benzo(a)anthracene	21.23	228	2350224	37.450	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1017400	25.918	ng/ul	98
84) Chrysene	21.29	228	1593835	26.834	ng/ul	99
87) Benzo(b)fluoranthene	22.80	252	1655383	27.960	ng/ul	98
90) Benzo(a)pyrene	23.37	252	1455859	25.813	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.69	276	1718167	25.608	ng/ul	96
92) Dibenzo(a,h)anthracene	25.69	278	1128054	20.110	ng/ul	99

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



#2

1,4-Dioxane

Concen: 19.179 ng/uL

RT: 3.26 min Scan# 46

Delta R.T. -0.01 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Instrument :

BNA_N

ClientSampleId :

A3YW6

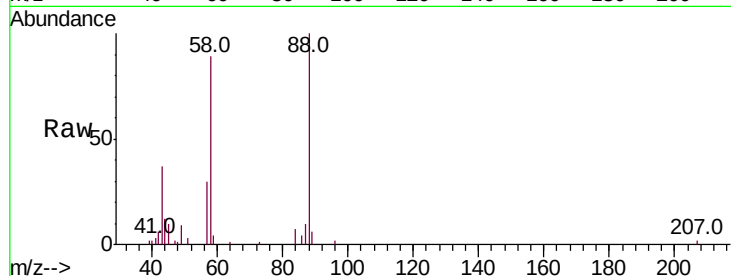
Tot Ion: 88 Resp: 63068

Ion Ratio Lower Upper

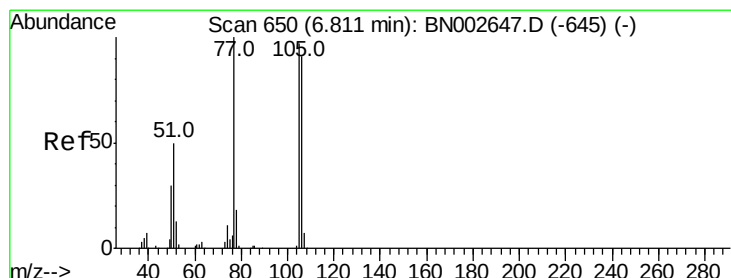
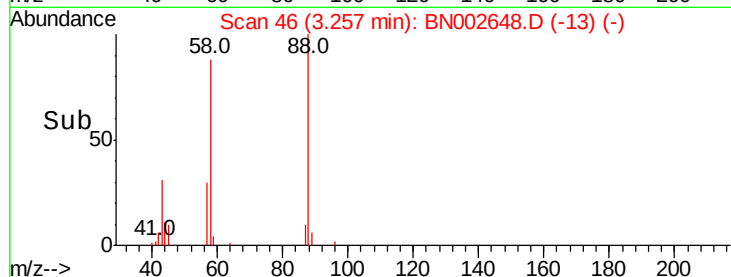
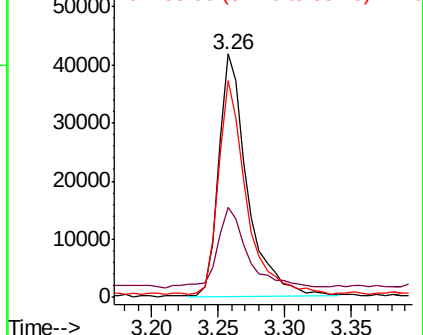
88 100

43 32.9 32.0 48.0

58 84.2 72.0 108.0



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



#4

Benzaldehyde

Concen: 33.347 ng/uL

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

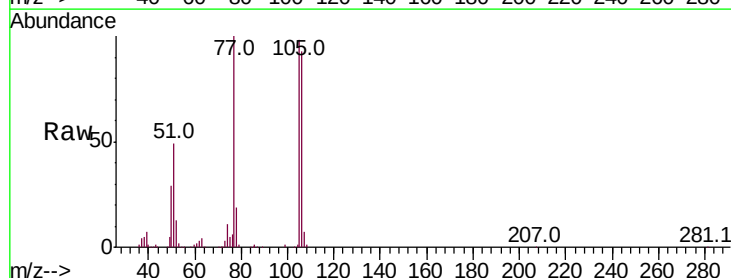
Tgt Ion: 77 Resp: 304772

Ion Ratio Lower Upper

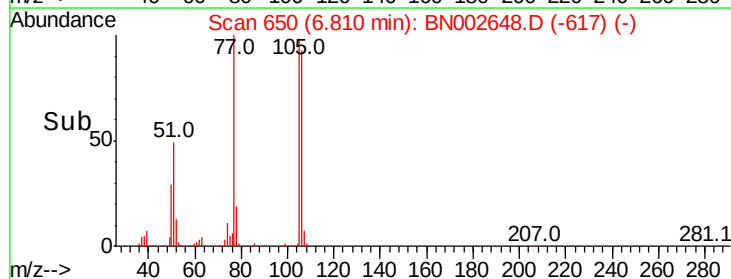
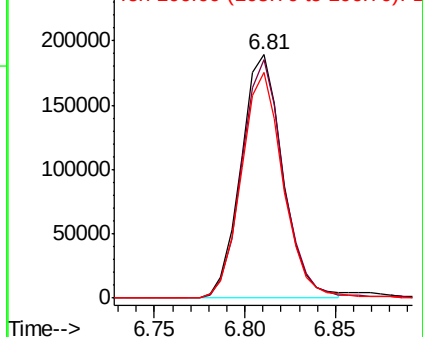
77 100

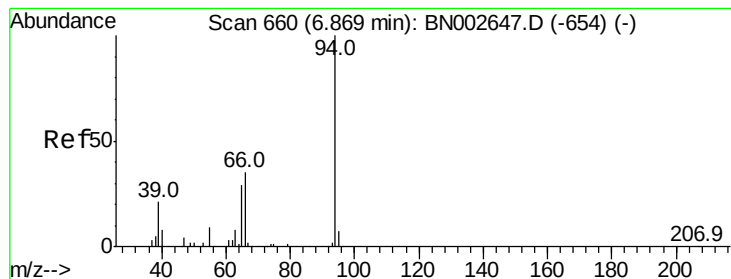
105 98.1 80.6 120.8

106 92.7 77.7 116.5



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





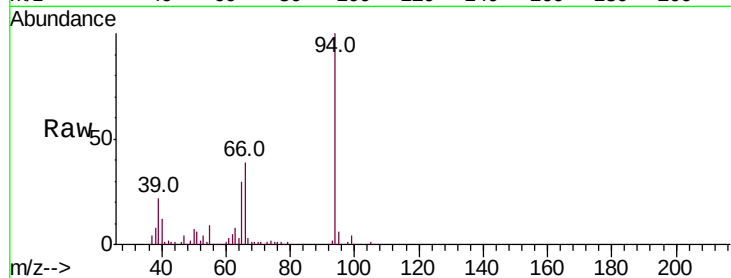
#6

Phenol

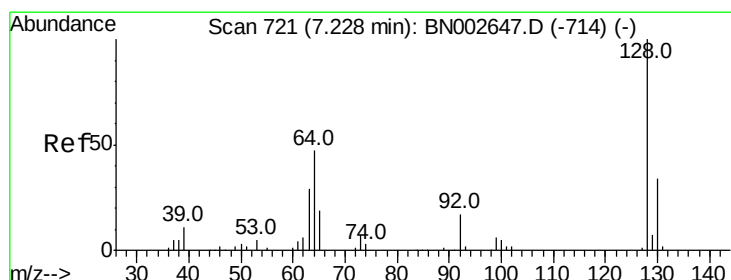
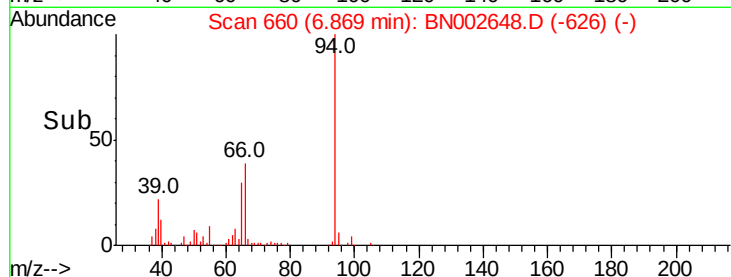
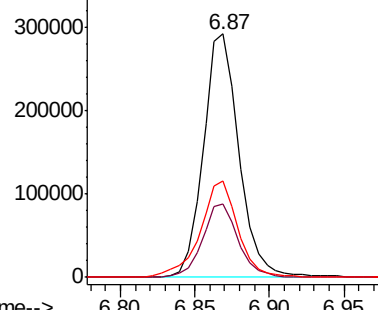
Concen: 35.638 ng/ul
 RT: 6.87 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Instrument :
 BNA_N
 ClientSampleId :
 A3YW6

Tot Ion	94	Resp	482812
Ion Ratio	100	Lower	Upper
65	30.0	21.0	31.6
66	39.4	29.3	43.9



Abundance Ion 94.00 (93.70 to 94.70): BN0
 Ion 65.00 (64.70 to 65.70): BN0
 Ion 66.00 (65.70 to 66.70): BN0

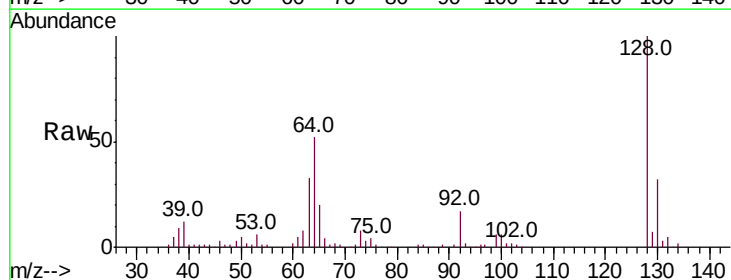


#10

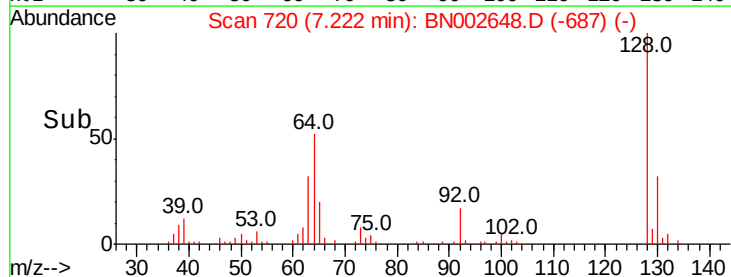
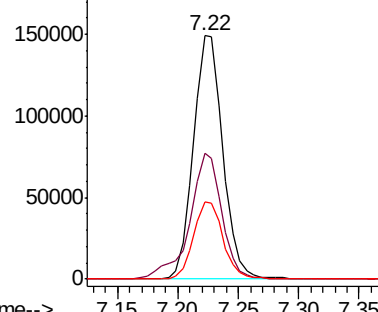
2-Chlorophenol

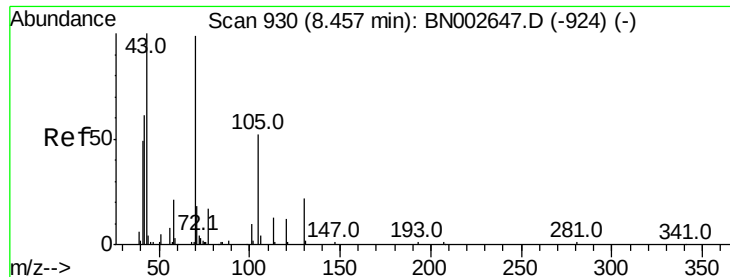
Concen: 24.624 ng/ul
 RT: 7.22 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Tgt Ion	128	Resp	251205
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
64	51.8	31.9	47.9#
130	31.7	25.6	38.4



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 27.169 ng/ul

RT: 8.46 min Scan# 930

Delta R.T. -0.00 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Instrument :

BNA_N

ClientSampleId :

A3YW6

Tot Ion: 70 Resp: 243746

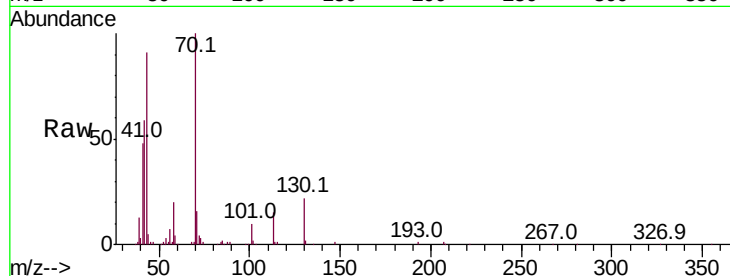
Ion Ratio Lower Upper

70 100

42 59.0 35.4 53.0#

101 10.3 8.4 12.6

130 21.6 18.2 27.4

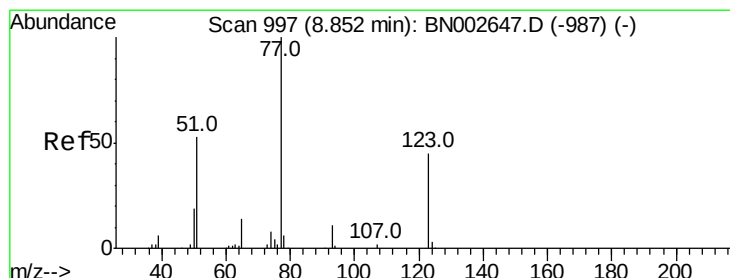
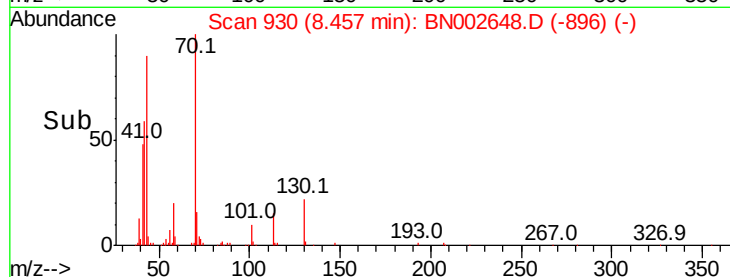
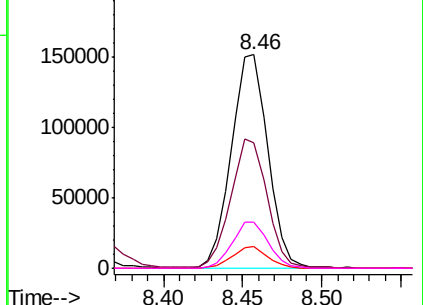


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

Nitrobenzene

Concen: 21.419 ng/ul

RT: 8.85 min Scan# 996

Delta R.T. -0.01 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

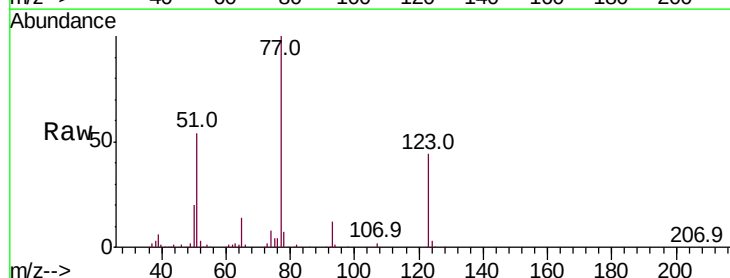
Tgt Ion: 77 Resp: 269993

Ion Ratio Lower Upper

77 100

123 44.4 39.0 58.4

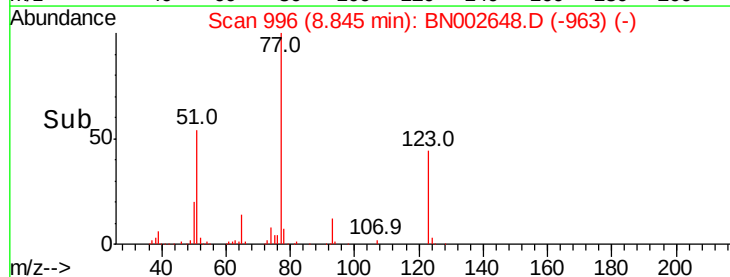
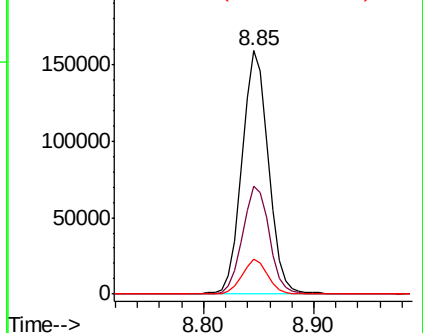
65 14.2 10.4 15.6

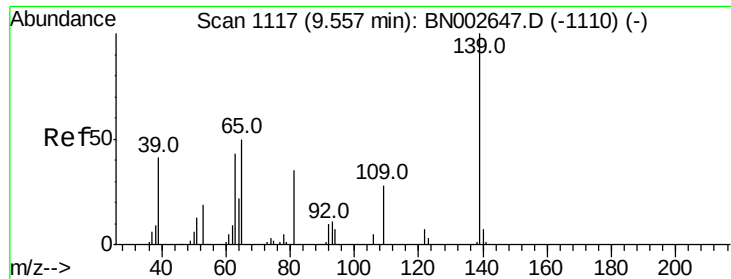


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0

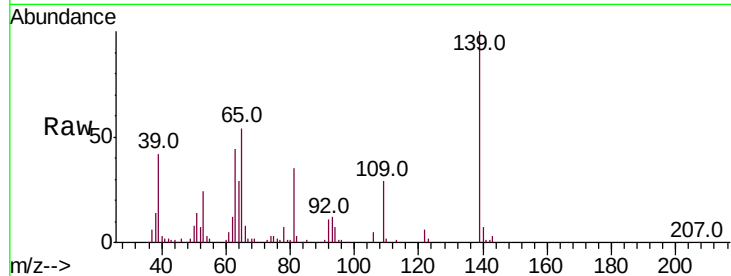




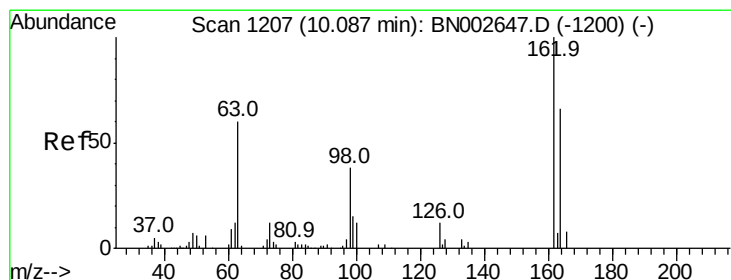
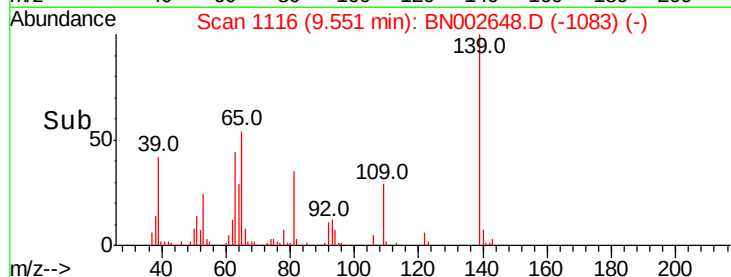
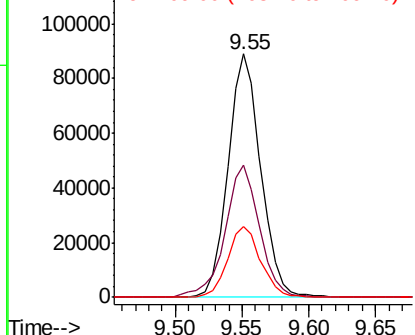
#23
2-Nitrophenol
Concen: 25.978 ng/ul
RT: 9.55 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BN002648.D
Acq: 12 Sep 2018 11:01

Instrument :
BNA_N
ClientSampled :
A3YW6

Tot Ion	Ratio	Lower	Upper
139	100		
65	54.2	36.3	54.5
109	28.9	26.4	39.6

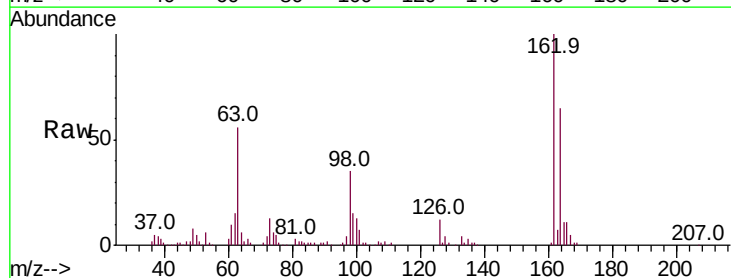


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO
Ion 109.00 (108.70 to 109.70): E

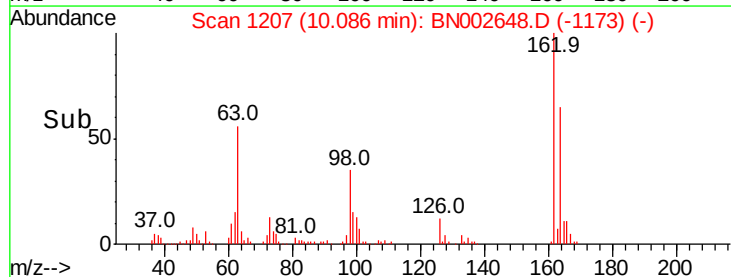
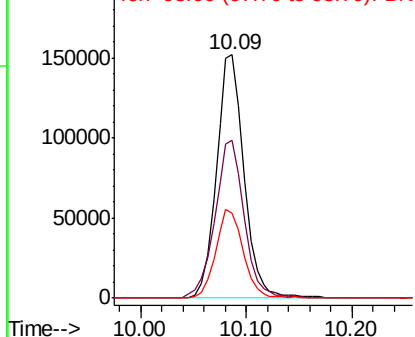


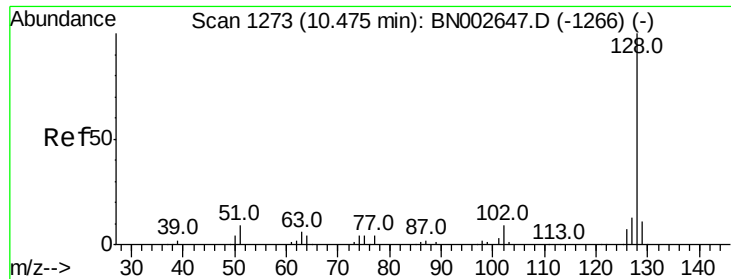
#27
2,4-Dichlorophenol
Concen: 27.983 ng/ul
RT: 10.09 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BN002648.D
Acq: 12 Sep 2018 11:01

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	52.1	78.1
98	34.9	28.4	42.6



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





#28

Naphthalene

Concen: 17.929 ng/ul

RT: 10.47 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Instrument :

BNA_N

ClientSampled :

A3YW6

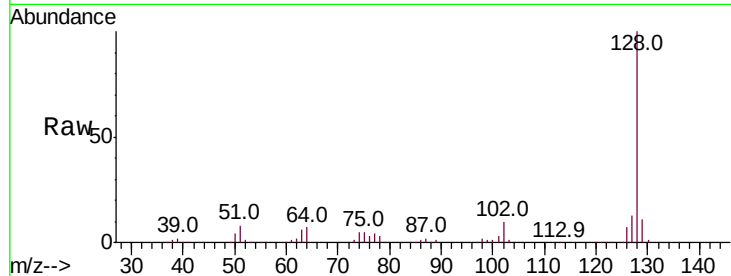
Tot Ion:128 Resp: 610387

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

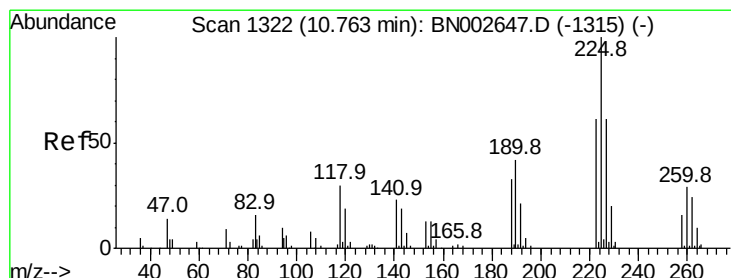
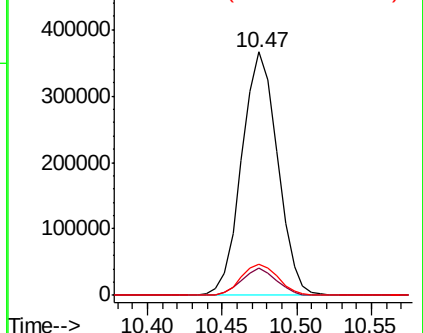
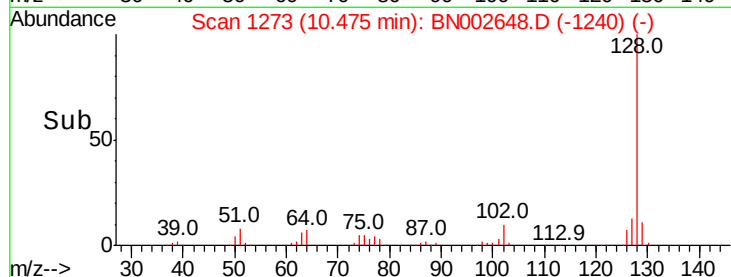
127 13.0 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#31

Hexachlorobutadiene

Concen: 27.595 ng/ul

RT: 10.76 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

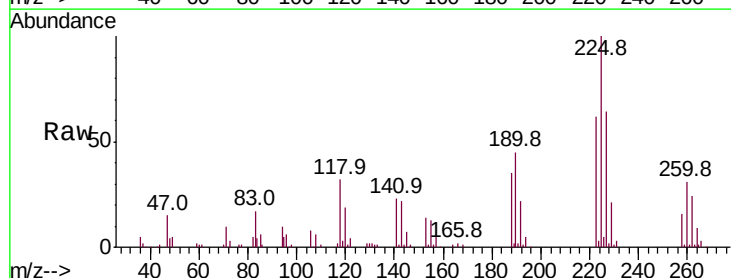
Tgt Ion:225 Resp: 171195

Ion Ratio Lower Upper

225 100

223 62.3 51.4 77.2

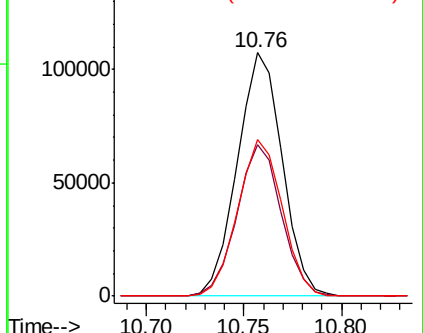
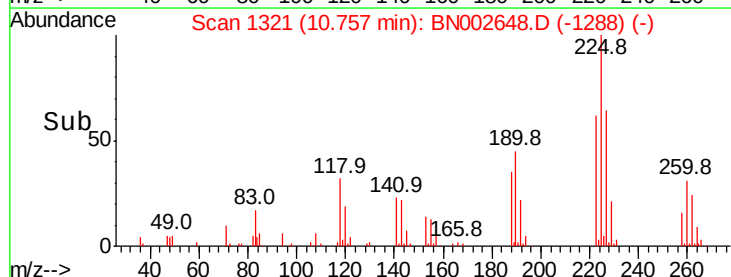
227 64.2 50.7 76.1

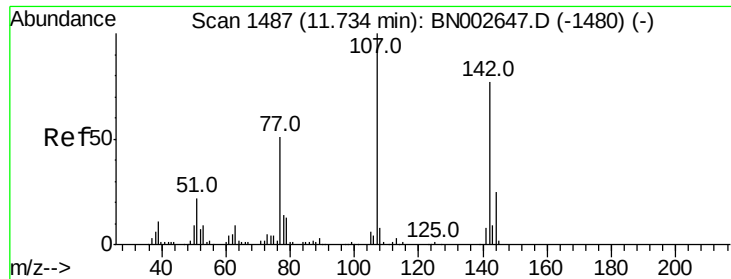


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

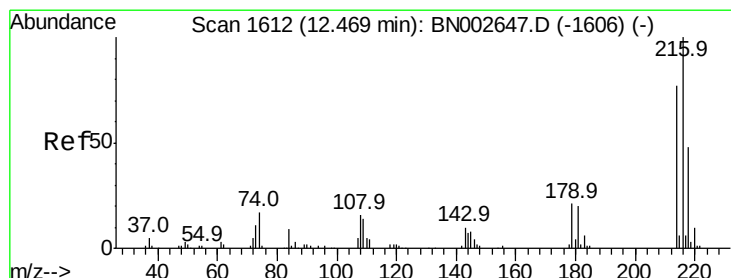
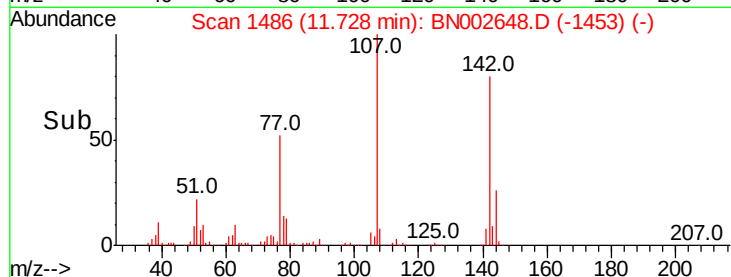
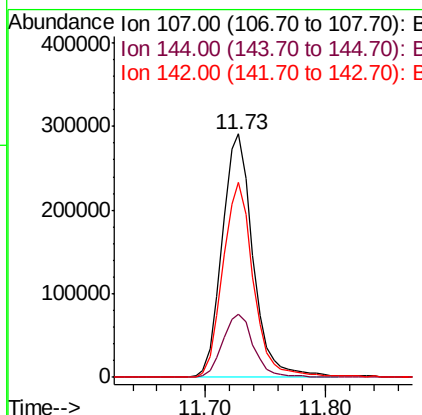
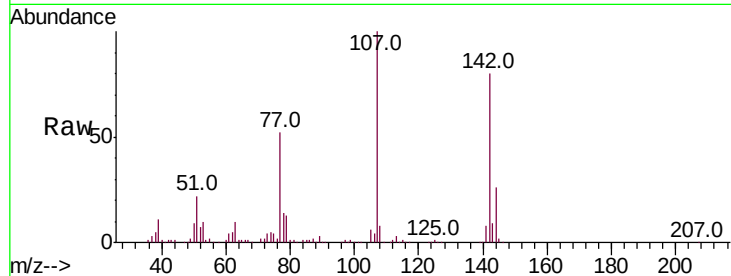




#33
 4-Chloro-3-methylphenol
 Concen: 45.503 ng/ul
 RT: 11.73 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

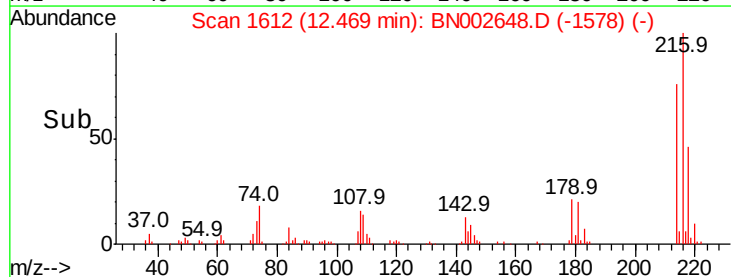
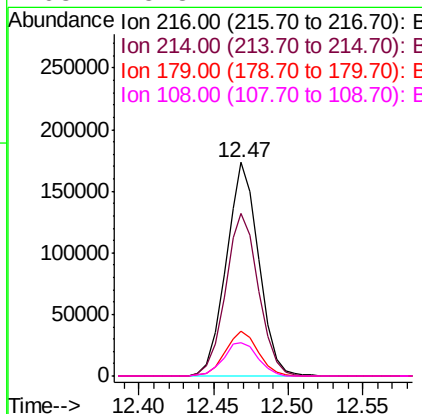
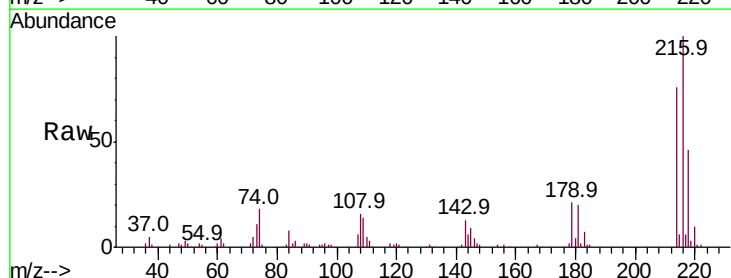
Instrument :
 BNA_N
 ClientSampleId :
 A3YW6

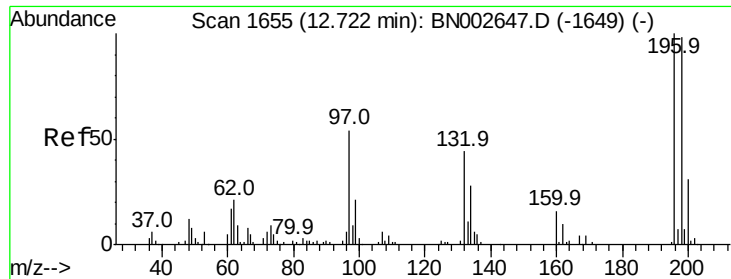
Tot Ion:107 Resp: 516040
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.4 30.6
 142 80.3 62.5 93.7



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.873 ng/ul
 RT: 12.47 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Tgt Ion:216 Resp: 263652
 Ion Ratio Lower Upper
 216 100
 214 76.2 62.5 93.7
 179 21.1 18.2 27.2
 108 15.8 14.2 21.2

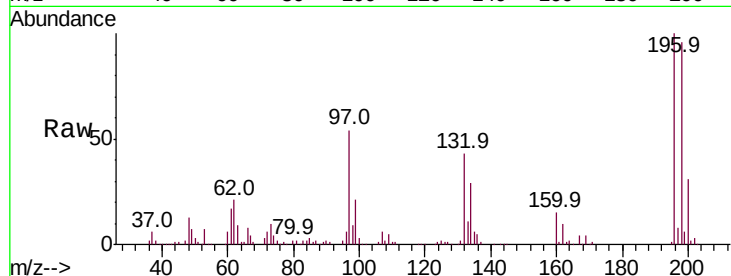




#38
 2,4,6-Trichlorophenol
 Concen: 44.009 ng/ul
 RT: 12.72 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Instrument :
 BNA_N
 ClientSampleId :
 A3YW6

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.6	114.8
200	30.5	24.7	37.1

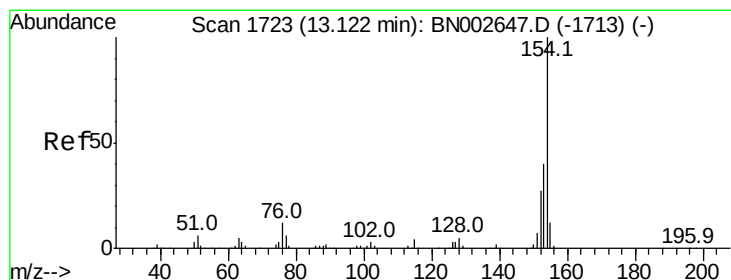
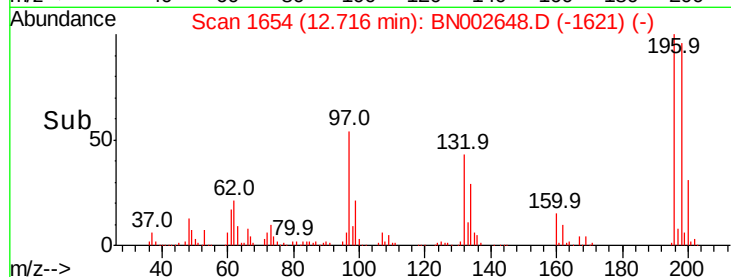
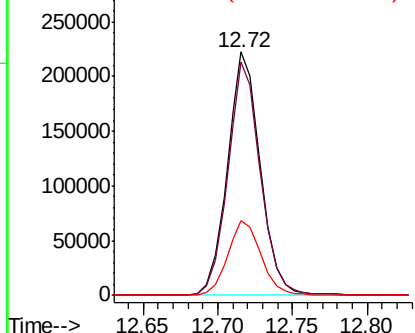


Abundance

Ion 196.00 (195.70 to 196.70): E

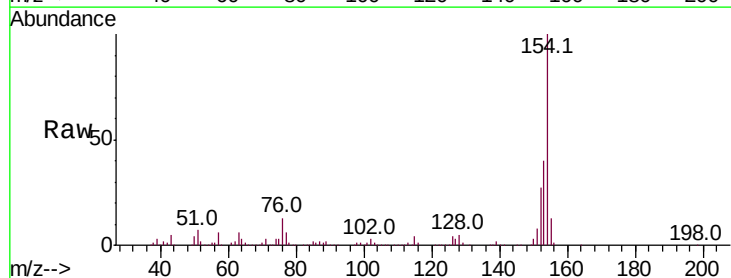
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40
 1,1'-Biphenyl
 Concen: 28.443 ng/ul
 RT: 13.12 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	32.1	48.1
76	12.6	9.5	14.3

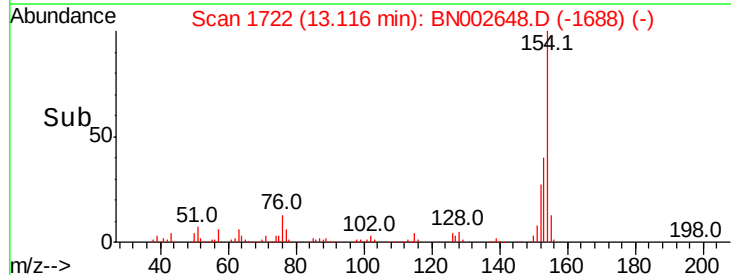
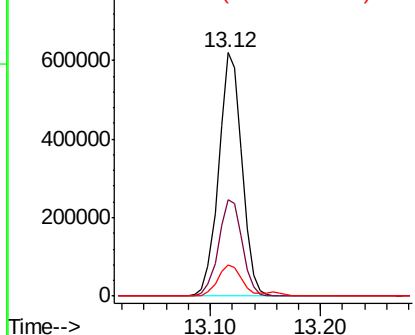


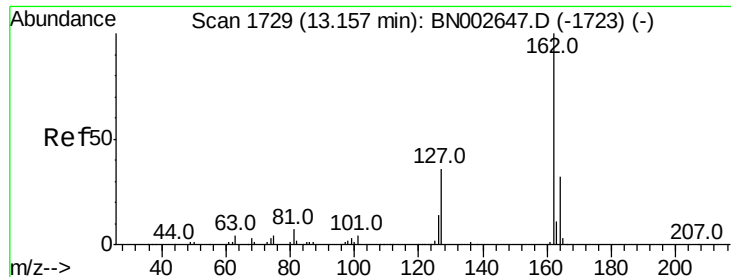
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNO

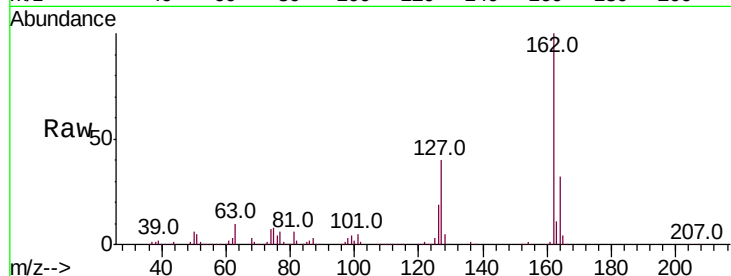




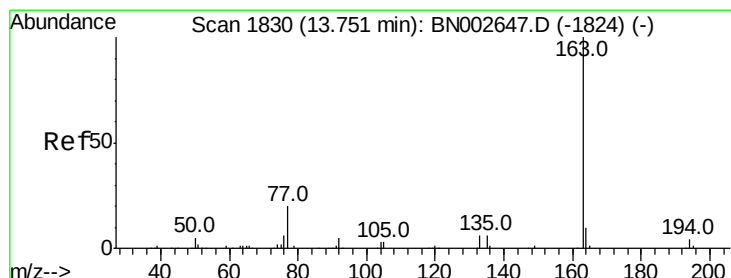
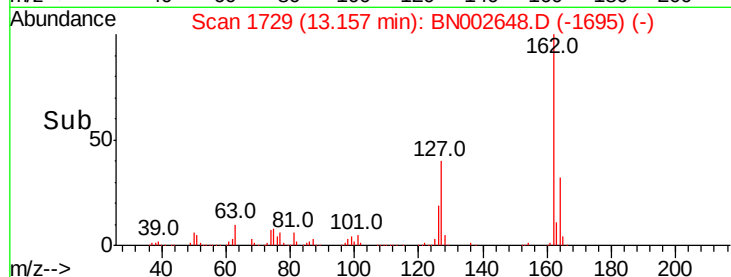
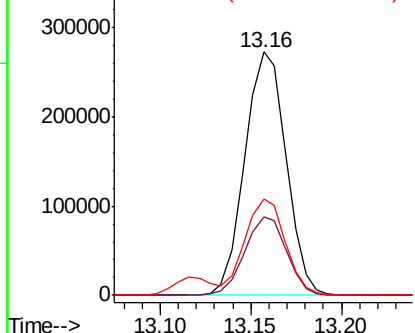
#41
2-Chloronaphthalene
Concen: 17.426 ng/ul
RT: 13.16 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BN002648.D
Acq: 12 Sep 2018 11:01

Instrument :
BNA_N
ClientSampleId :
A3YW6

Tot Ion:162 Resp: 432741
Ion Ratio Lower Upper
162 100
164 32.2 25.9 38.9
127 39.8 34.1 51.1

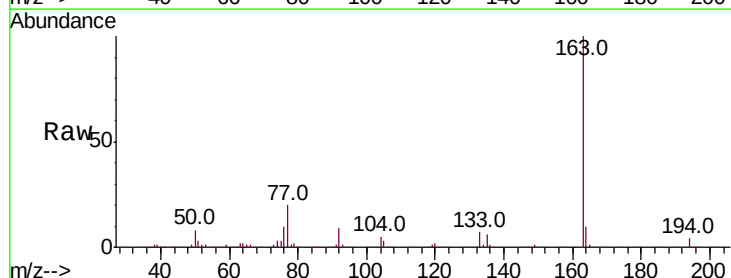


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

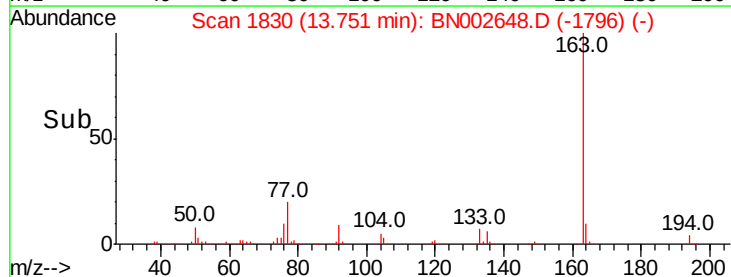
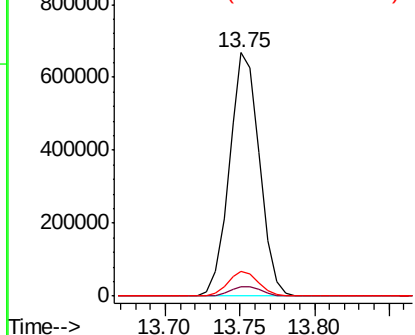


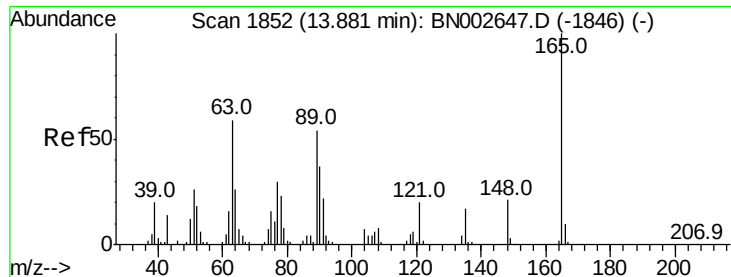
#44
Dimethylphthalate
Concen: 28.963 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN002648.D
Acq: 12 Sep 2018 11:01

Tgt Ion:163 Resp: 937042
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

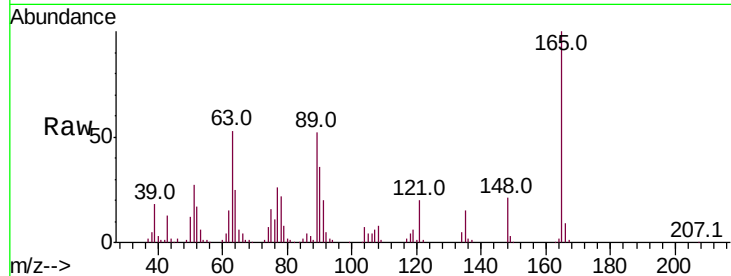




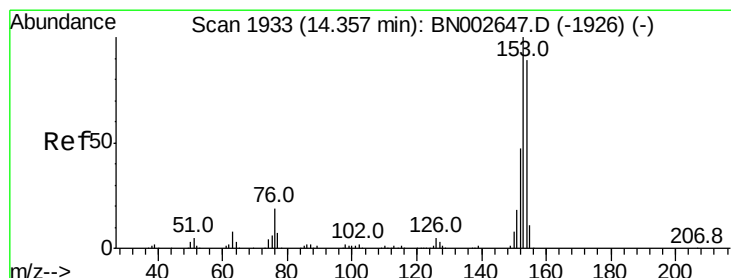
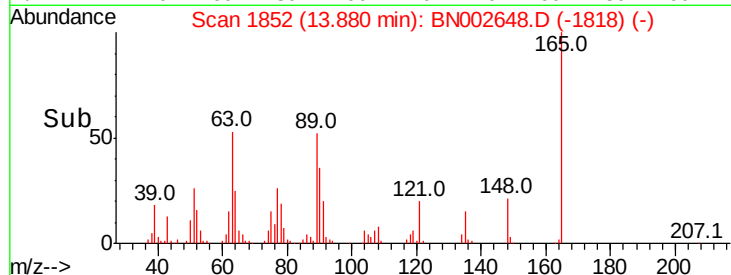
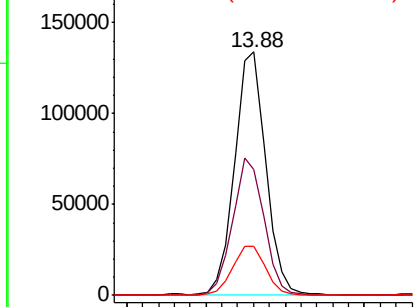
#45
 2,6-Dinitrotoluene
 Concen: 28.030 ng/ul
 RT: 13.88 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Instrument :
 BNA_N
 ClientSampleId :
 A3YW6

Tot Ion	Ratio	Lower	Upper
165	100		
89	51.9	42.4	63.6
121	20.3	16.6	24.8

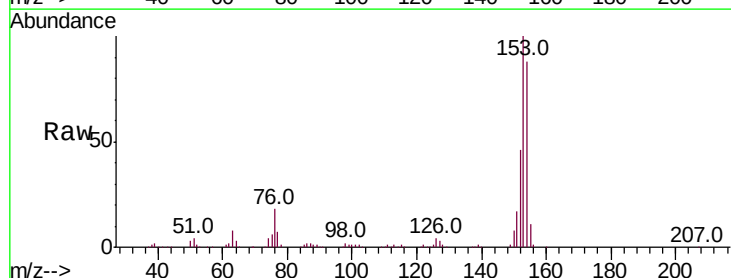


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

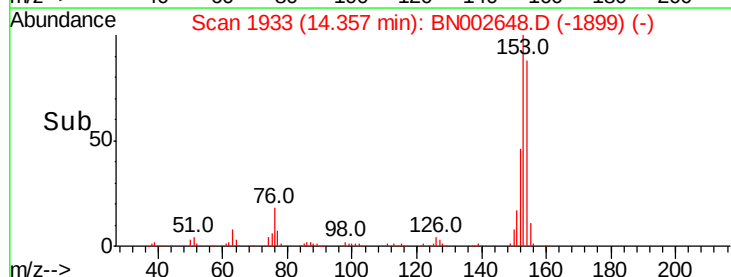
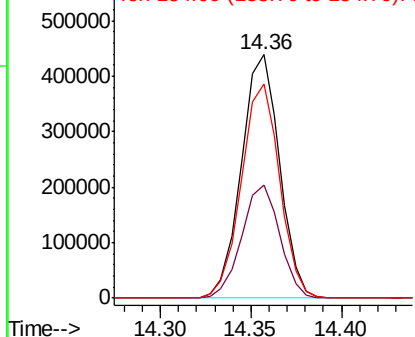


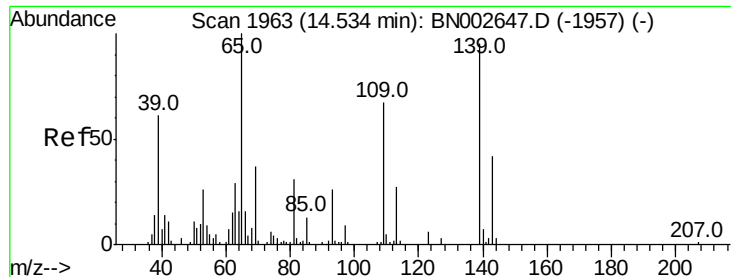
#49
 Acenaphthene
 Concen: 23.610 ng/ul
 RT: 14.36 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.5	38.3	57.5
154	88.1	71.8	107.8



Abundance Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 25.739 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Instrument :

BNA_N

ClientSampleId :

A3YW6

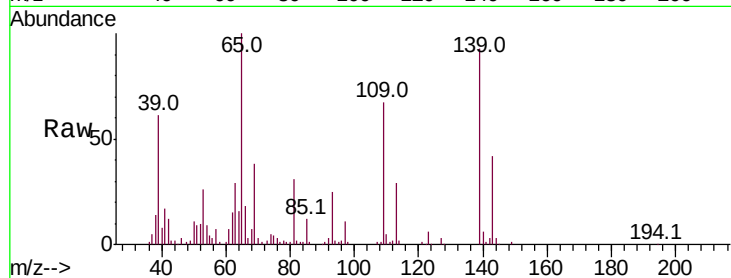
Tot Ion:109 Resp: 121650

Ion Ratio Lower Upper

109 100

139 139.1 103.7 155.5

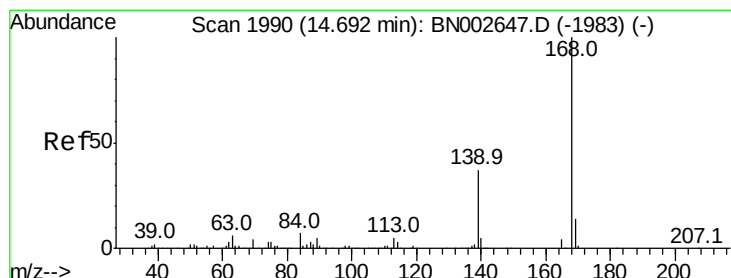
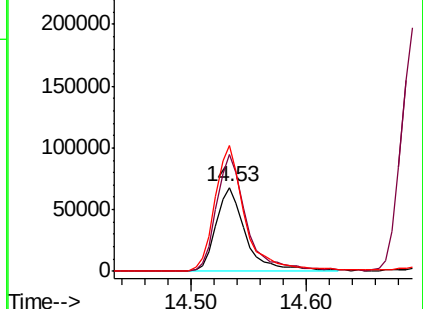
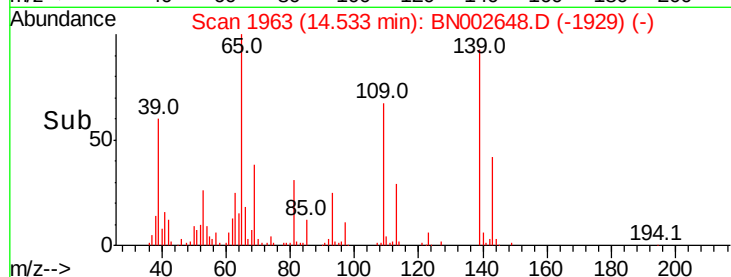
65 149.5 89.4 134.2#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO



#53

Dibenzofuran

Concen: 19.773 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BN002648.D

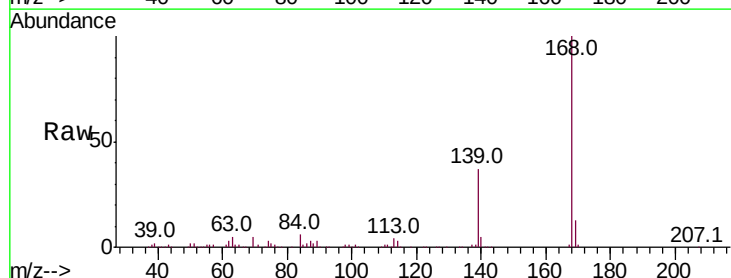
Acq: 12 Sep 2018 11:01

Tgt Ion:168 Resp: 758165

Ion Ratio Lower Upper

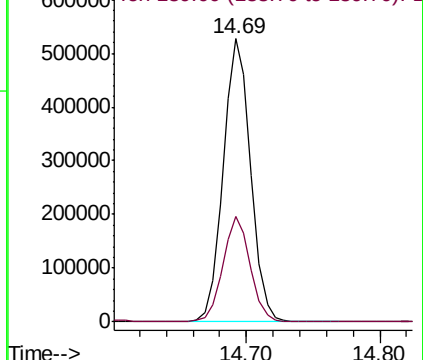
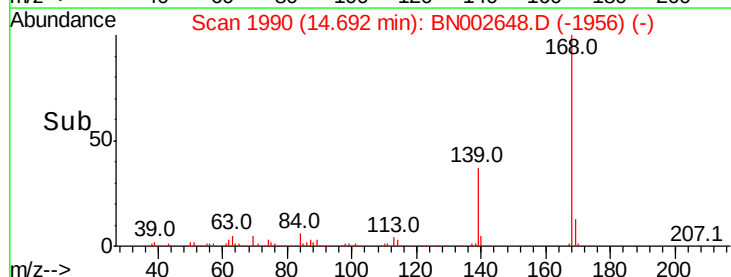
168 100

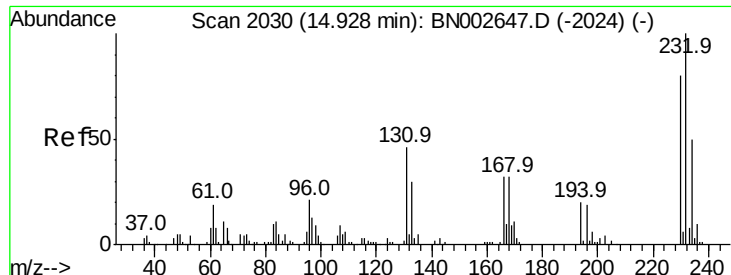
139 37.4 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

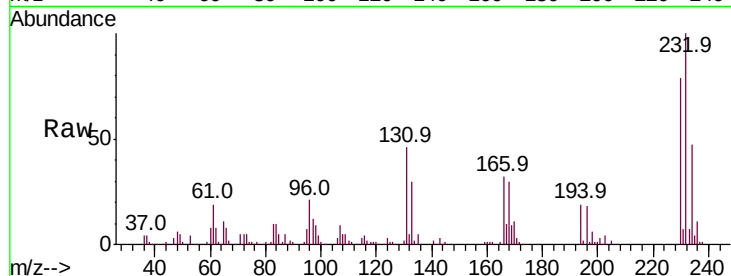




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 28.019 ng/ul
 RT: 14.93 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Instrument :
 BNA_N
 ClientSampleId :
 A3YW6

Tot Ion:	232	Resp:	203184
Ion	Ratio	Lower	Upper
232	100		
131	46.2	39.4	59.2
130	2.3	2.2	3.2
166	31.5	26.6	39.8



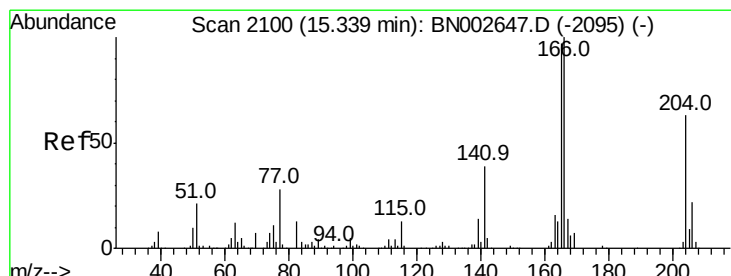
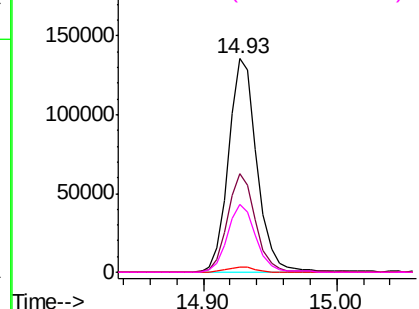
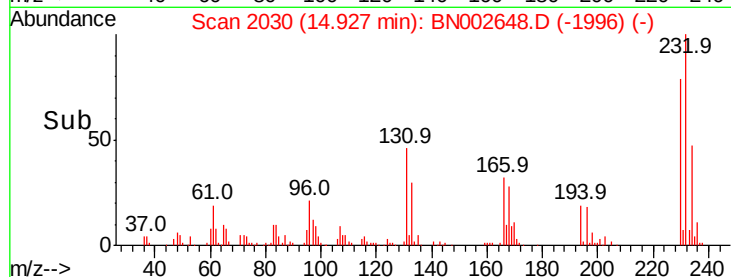
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

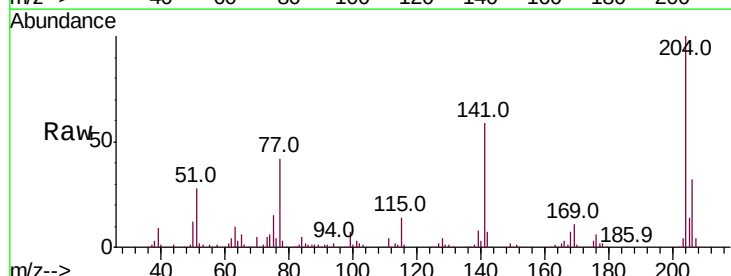
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 4-Chlorophenyl-phenylether
 Concen: 18.540 ng/ul
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Tgt Ion:	204	Resp:	287055
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.4
141	58.6	54.6	81.8

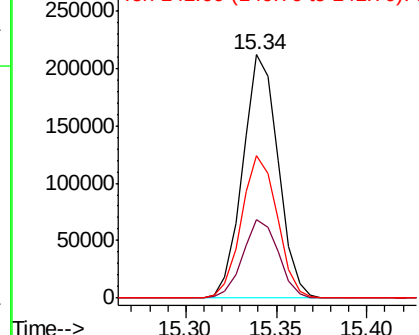
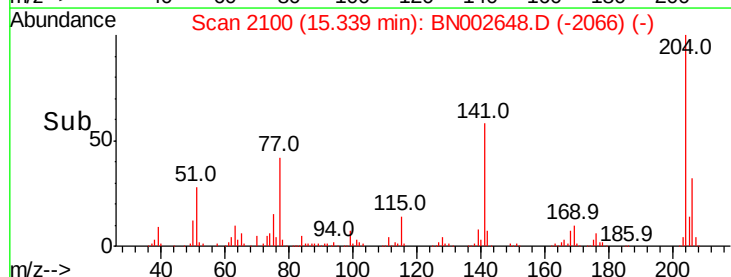


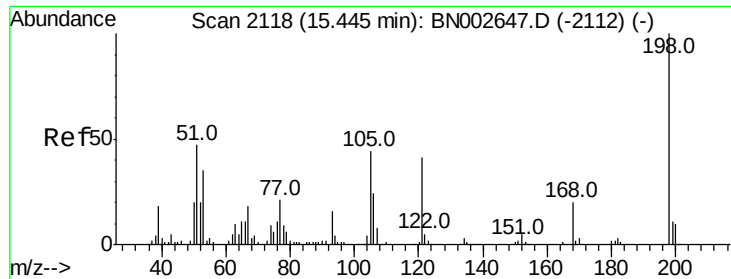
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

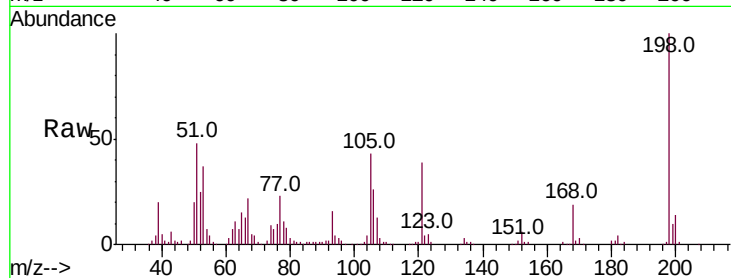




#63
 4,6-Dinitro-2-methylphenol
 Concen: 49.316 ng/ul
 RT: 15.45 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Instrument :
 BNA_N
 ClientSampled :
 A3YW6

Tot Ion	Ratio	Lower	Upper
198	100		
182	3.8	3.1	4.7
77	23.0	20.1	30.1

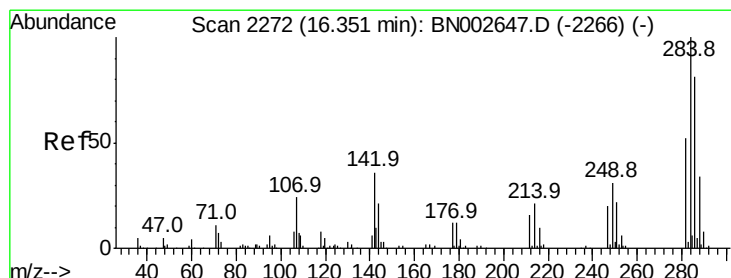
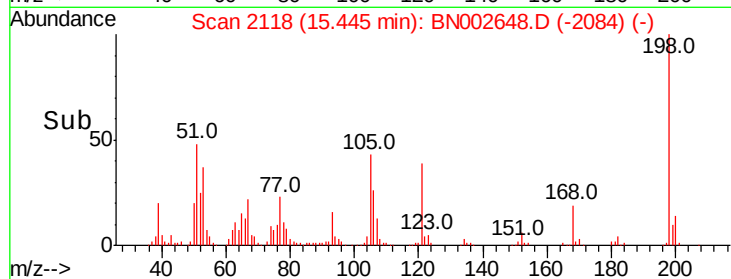
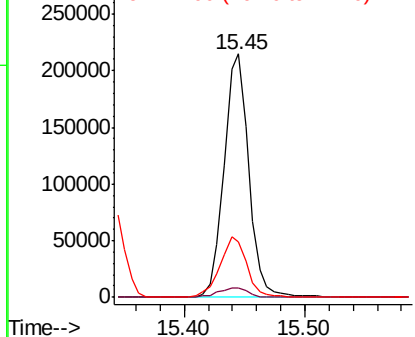


Abundance

Ion 198.00 (197.70 to 198.70): E

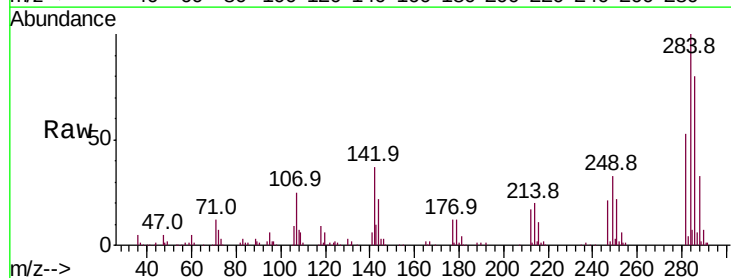
Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B



#66
 Hexachlorobenzene
 Concen: 21.987 ng/ul
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	33.1	49.7
249	33.1	27.1	40.7

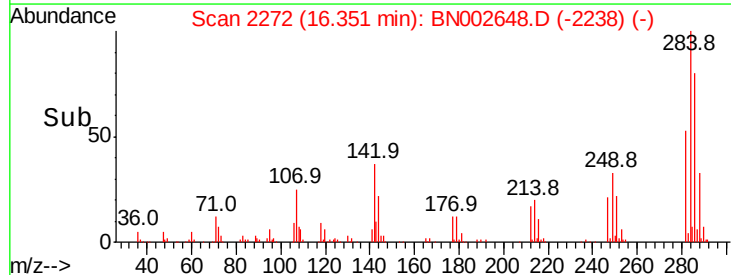
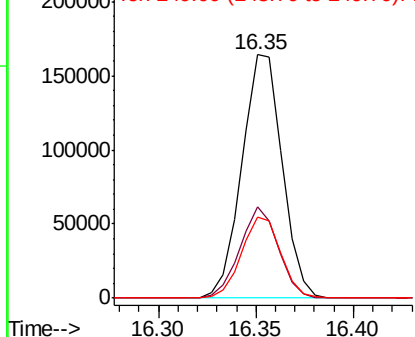


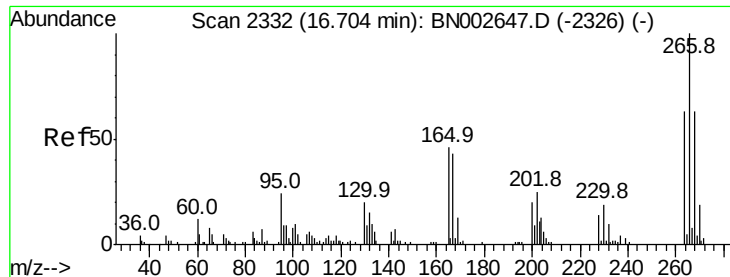
Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

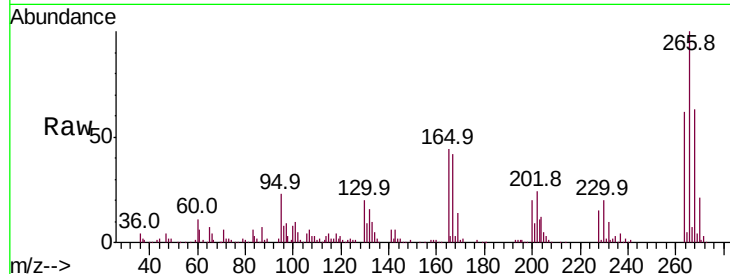




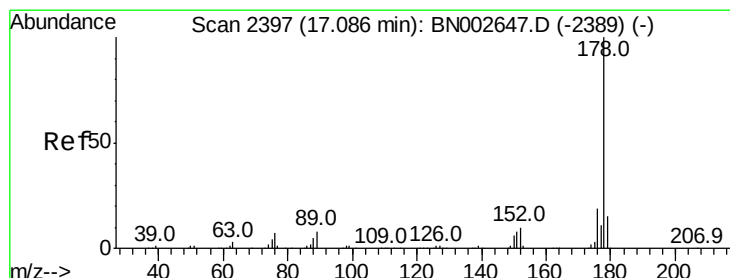
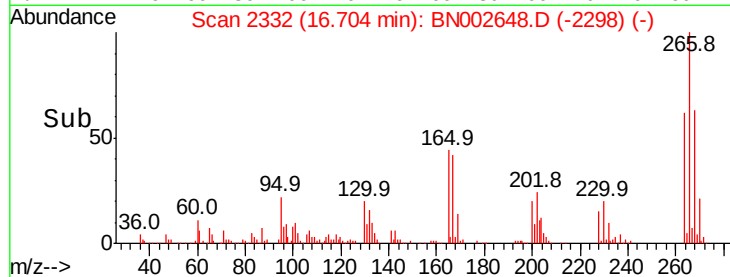
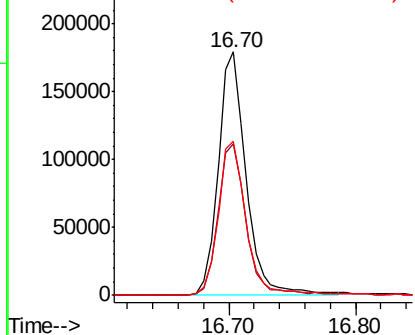
#68
 Pentachlorophenol
 Concen: 45.669 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Instrument :
 BNA_N
 ClientSampled :
 A3YW6

Tot Ion:266 Resp: 273521
 Ion Ratio Lower Upper
 266 100
 264 62.0 50.5 75.7
 268 63.2 50.9 76.3

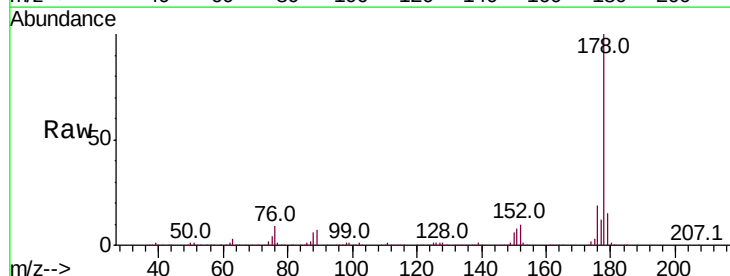


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

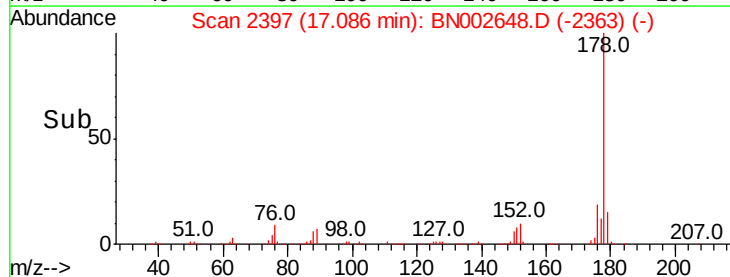
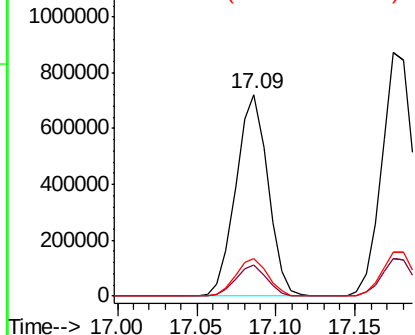


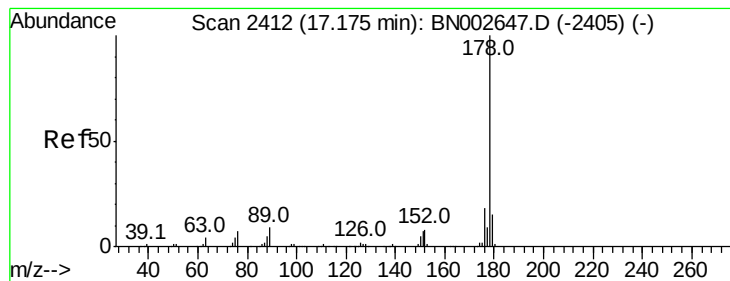
#69
 Phenanthrene
 Concen: 19.577 ng/ul
 RT: 17.09 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BN002648.D
 Acq: 12 Sep 2018 11:01

Tgt Ion:178 Resp: 1014215
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.2 18.4
 176 18.8 15.6 23.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 23.101 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Instrument :

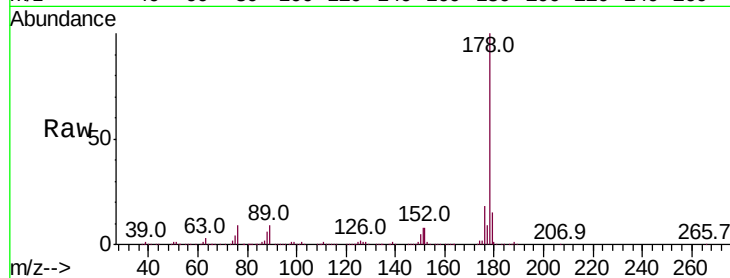
BNA_N

ClientSampleId :

A3YW6

Tot Ion:178 Resp: 1213804

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.2	14.8	22.2

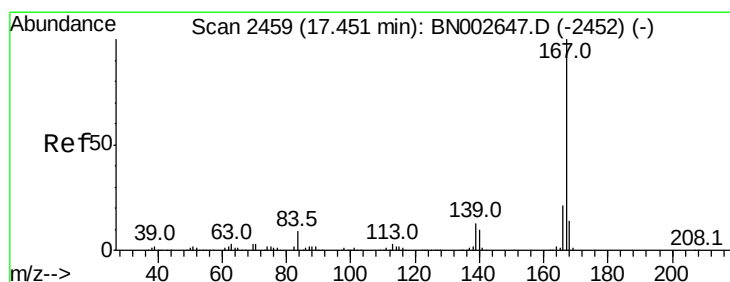
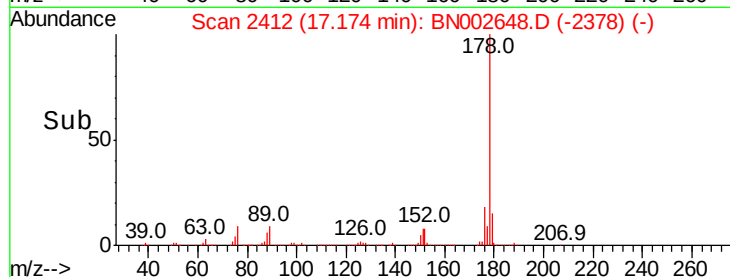
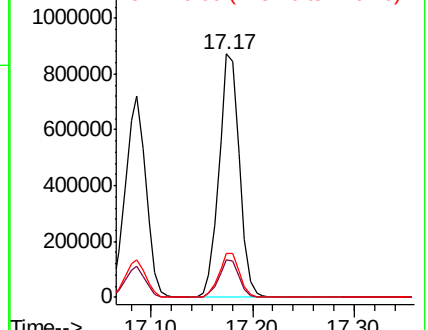


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Carbazole

Concen: 24.123 ng/ul

RT: 17.45 min Scan# 2459

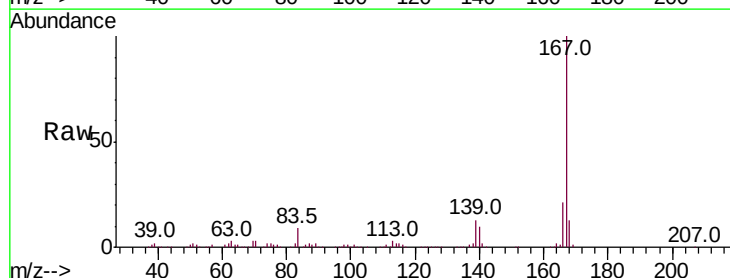
Delta R.T. -0.00 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Tgt Ion:167 Resp: 1124064

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.7	11.0	16.4

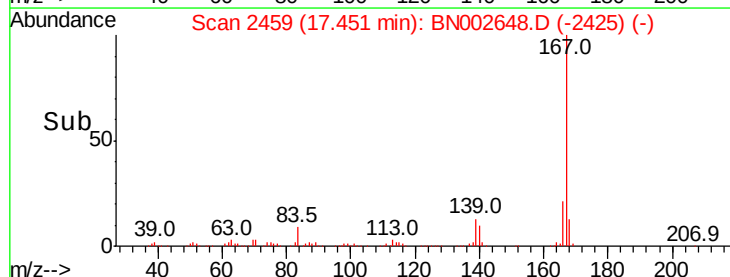
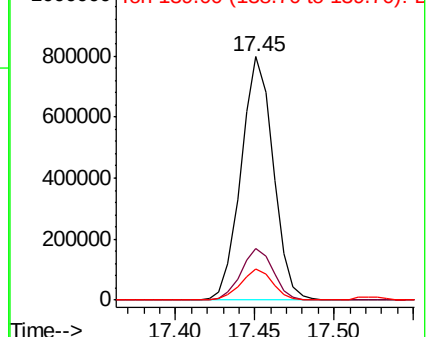


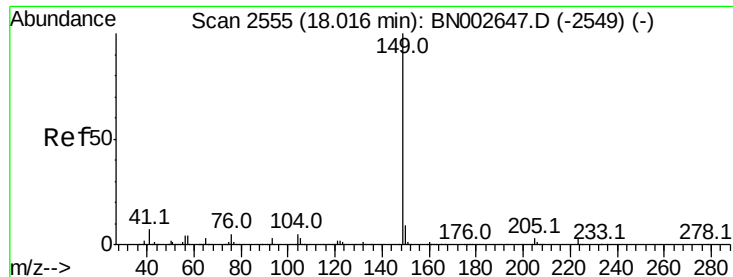
Abundance

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

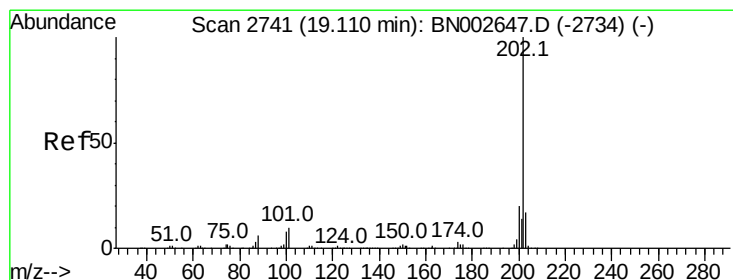
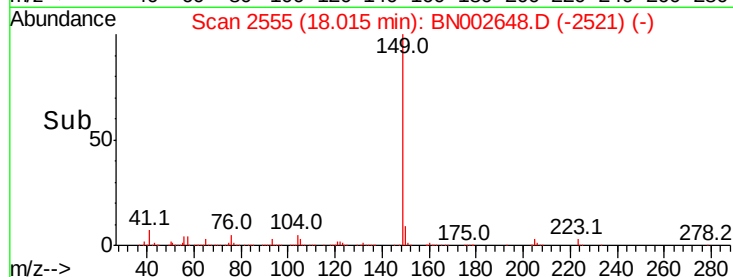
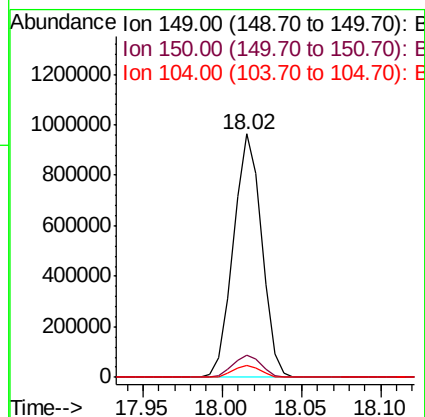
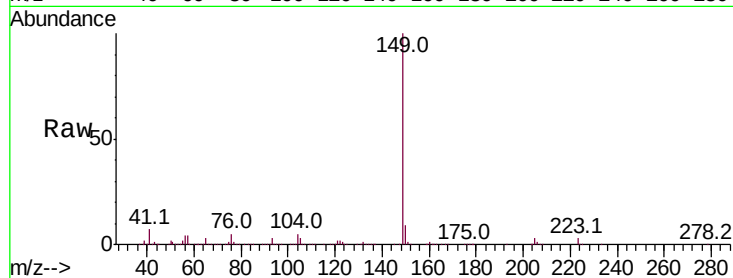




#75
Di-n-butylphthalate
Concen: 21.012 ng/ul
RT: 18.02 min Scan# 2555
Delta R.T. -0.00 min
Lab File: BN002648.D
Acq: 12 Sep 2018 11:01

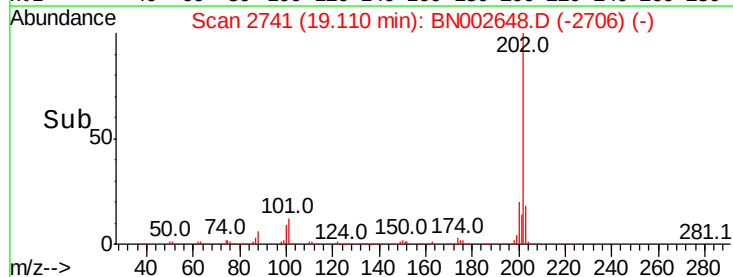
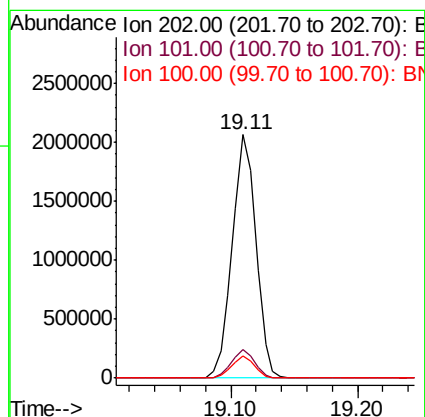
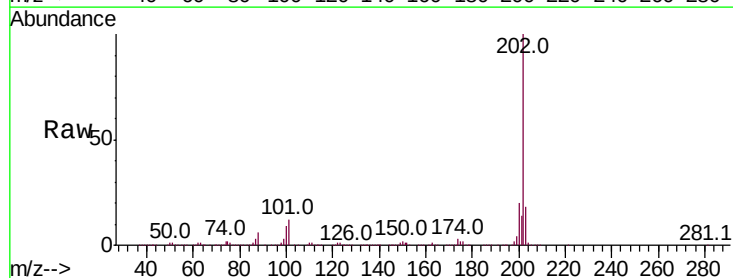
Instrument :
BNA_N
ClientSampleId :
A3YW6

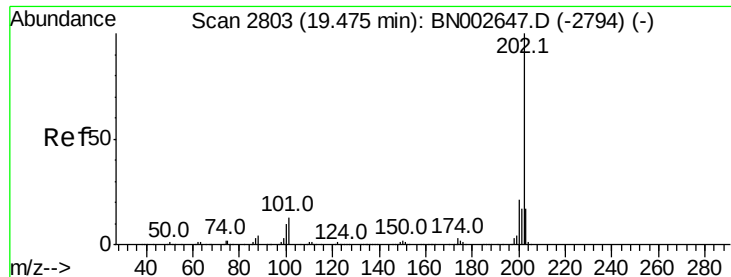
Tot Ion:149 Resp: 1190270
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.1 4.0 6.0



#76
Fluoranthene
Concen: 45.187 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. 0.01 min
Lab File: BN002648.D
Acq: 12 Sep 2018 11:01

Tgt Ion:202 Resp: 2664403
Ion Ratio Lower Upper
202 100
101 11.7 8.8 13.2
100 9.0 6.6 9.8





#79

Pvrene

Concen: 31.173 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Instrument :

BNA_N

ClientSampleId :

A3YW6

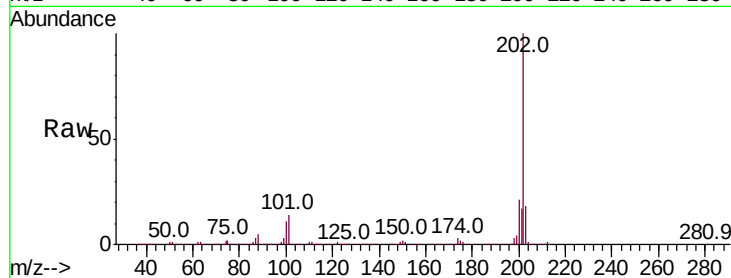
Tot Ion:202 Resp: 1925464

Ion Ratio Lower Upper

202 100

101 13.6 10.2 15.2

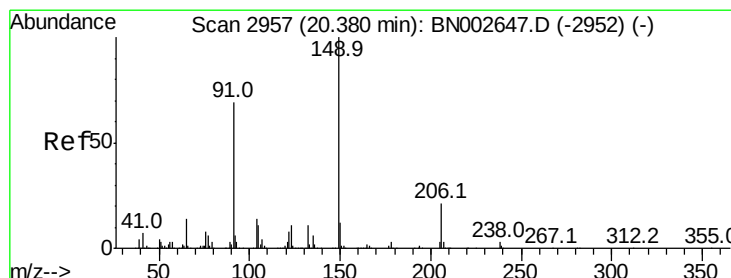
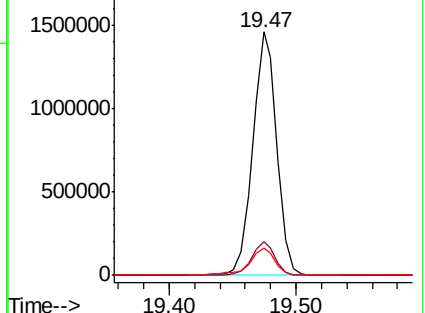
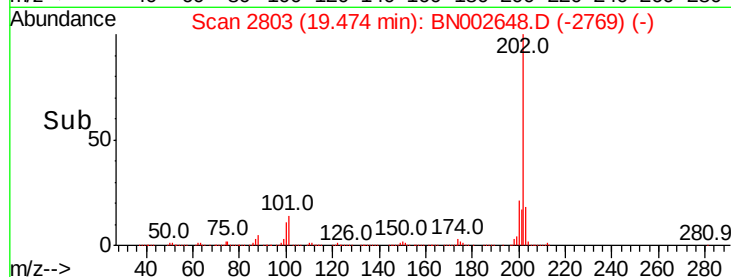
100 11.0 8.5 12.7



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



#80

Butylbenzylphthalate

Concen: 20.742 ng/ul

RT: 20.39 min Scan# 2958

Delta R.T. 0.01 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

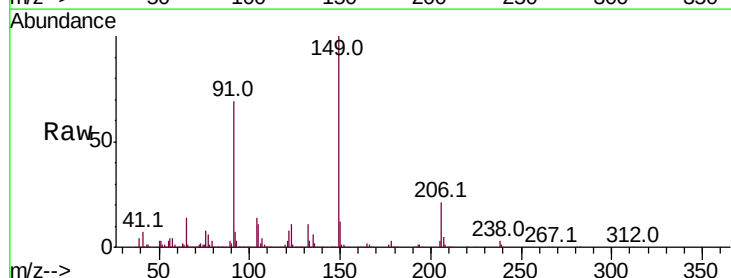
Tgt Ion:149 Resp: 542852

Ion Ratio Lower Upper

149 100

91 69.0 53.4 80.2

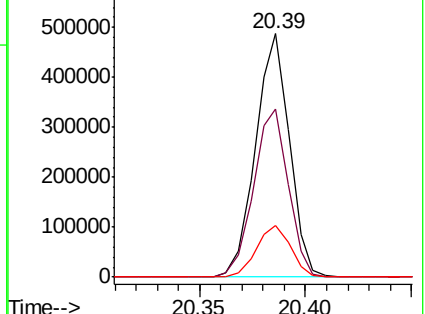
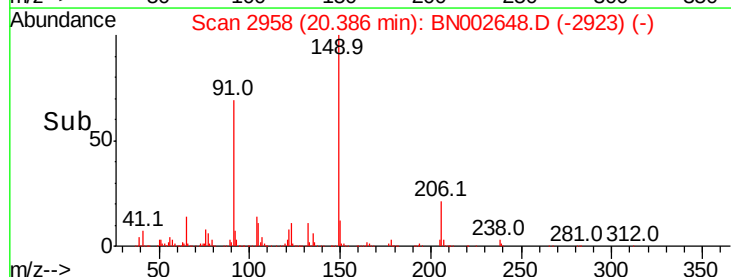
206 21.1 16.6 24.8

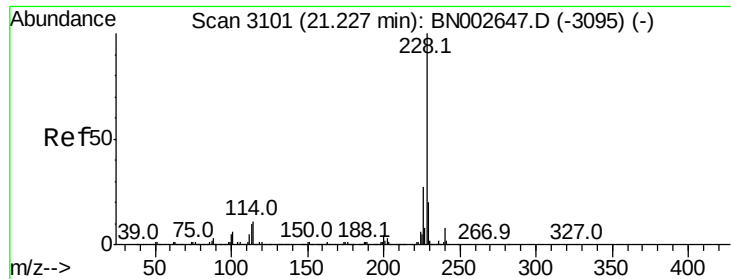


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 37.450 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. 0.01 min

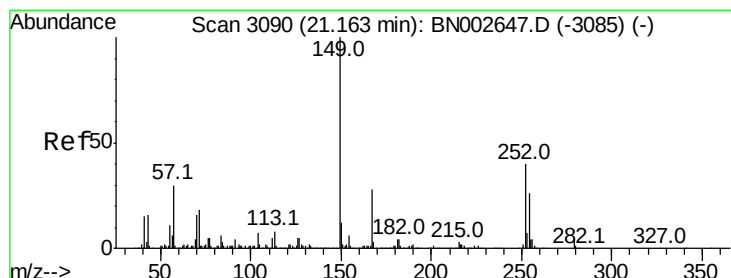
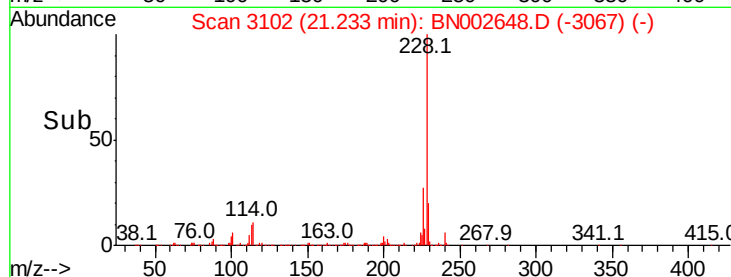
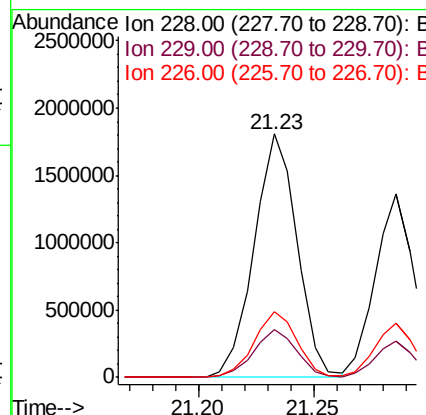
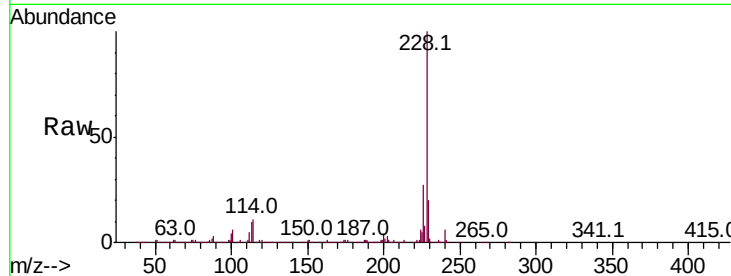
Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Instrument :
BNA_N
ClientSampleId :
A3YW6

Tot Ion:228 Resp: 2350224

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	27.1	21.8	32.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 25.918 ng/ul

RT: 21.17 min Scan# 3091

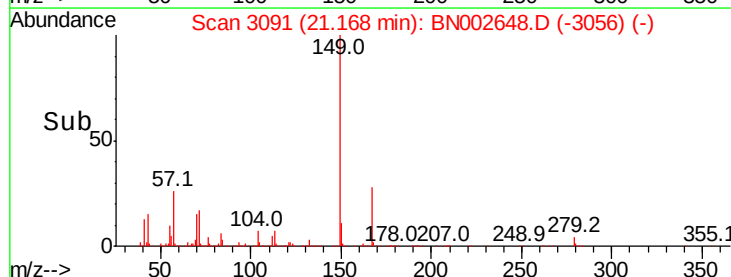
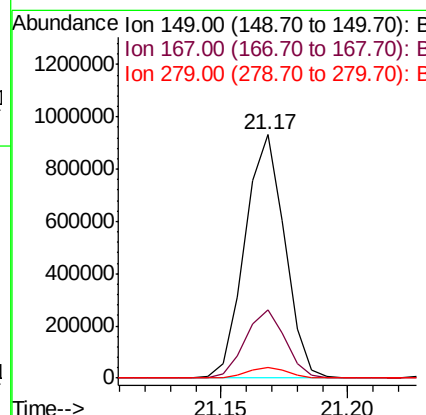
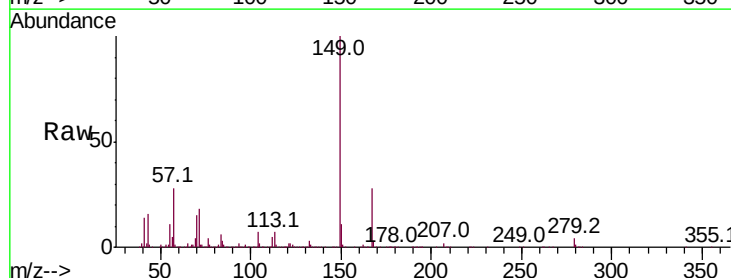
Delta R.T. 0.01 min

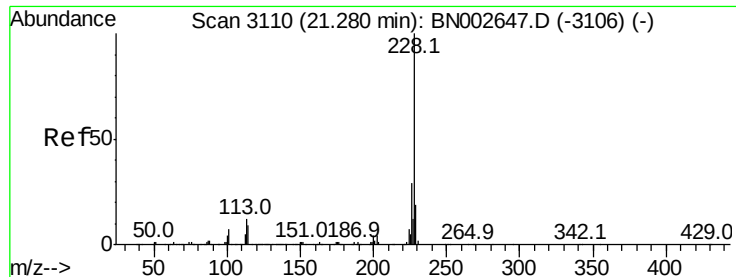
Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Tgt Ion:149 Resp: 1017400

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.6	32.4
279	4.4	3.0	4.4





#84

Chrysene

Concen: 26.834 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Instrument :

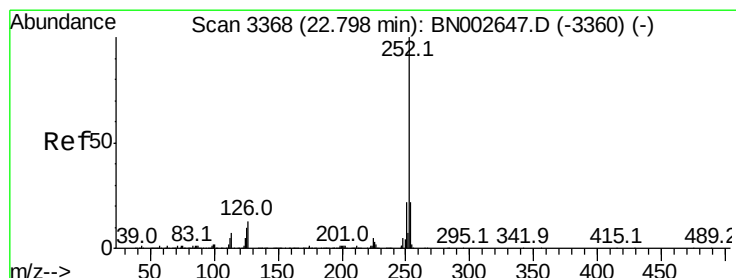
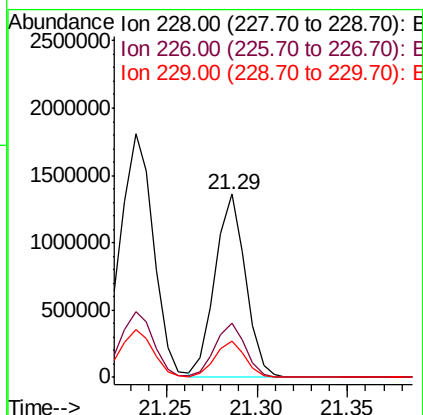
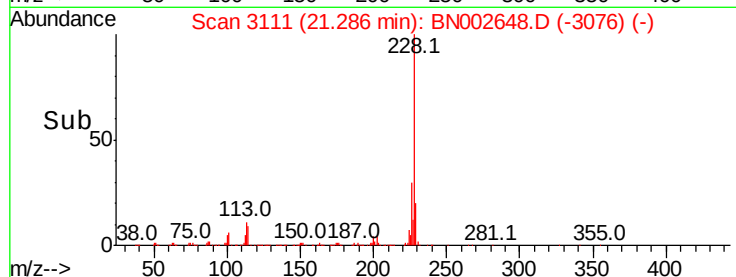
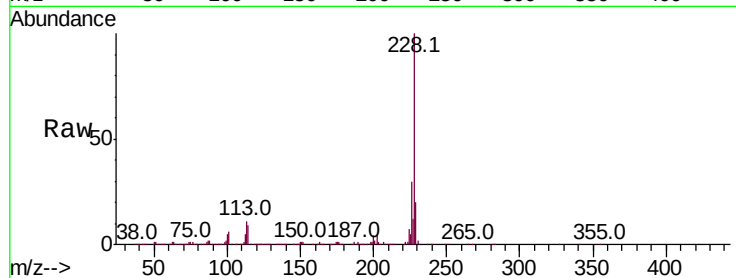
BNA_N

ClientSampleId :

A3YW6

Tot Ion:228 Resp: 1593835

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	19.6	15.6	23.4



#87

Benzo(b)fluoranthene

Concen: 27.960 ng/ul

RT: 22.80 min Scan# 3369

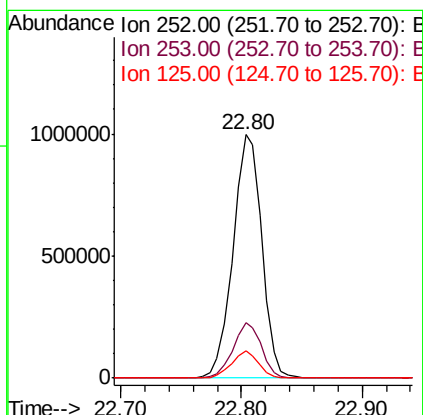
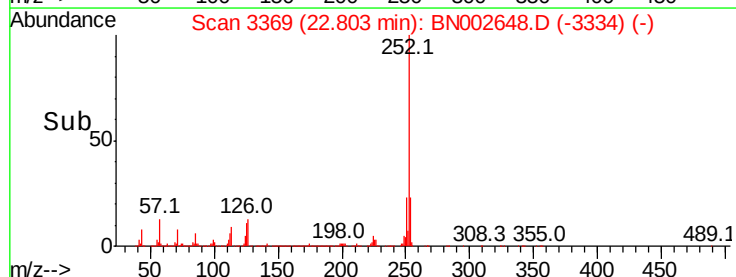
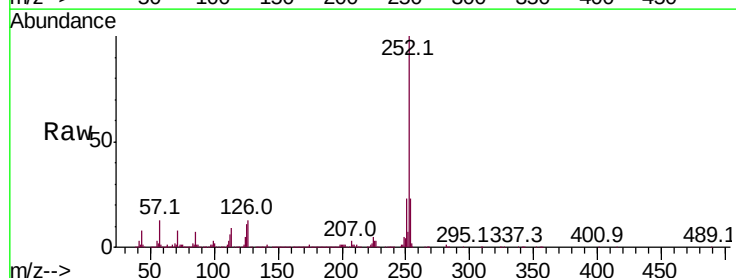
Delta R.T. 0.01 min

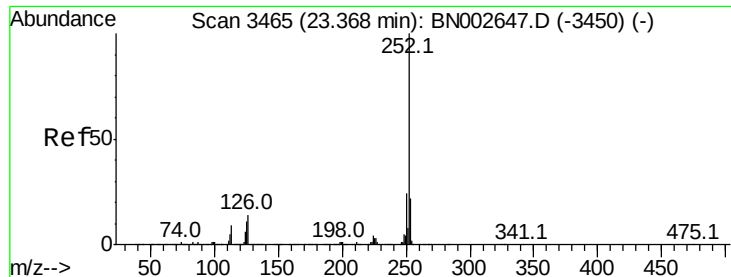
Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Tgt Ion:252 Resp: 1655383

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.2	8.5	12.7





#90

Benzo(a)pyrene

Concen: 25.813 ng/ul

RT: 23.37 min Scan# 3466

Delta R.T. 0.01 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Instrument :

BNA_N

ClientSampled :

A3YW6

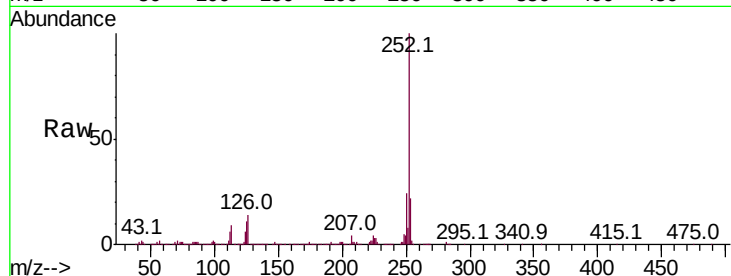
Tot Ion:252 Resp: 1455859

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

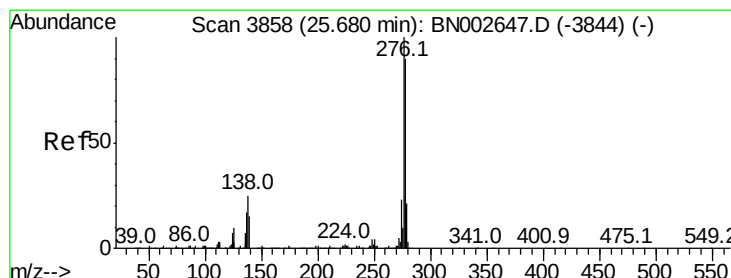
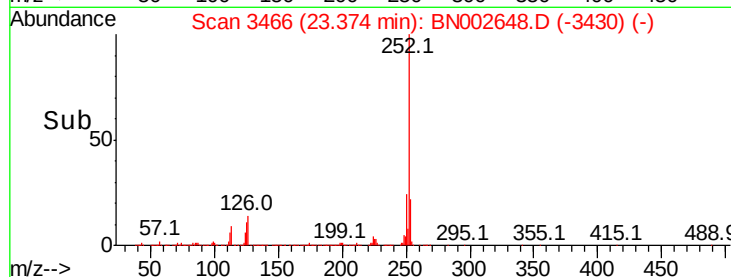
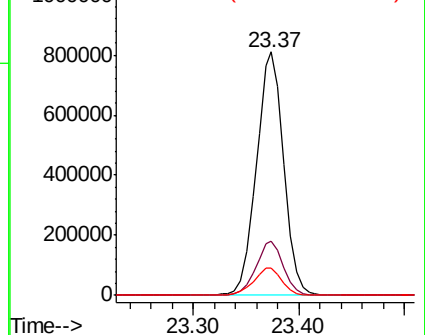
125 11.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 25.608 ng/ul

RT: 25.69 min Scan# 3860

Delta R.T. 0.02 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

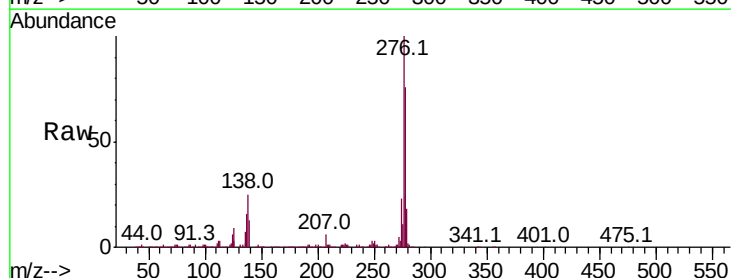
Tgt Ion:276 Resp: 1718167

Ion Ratio Lower Upper

276 100

138 24.6 22.3 33.5

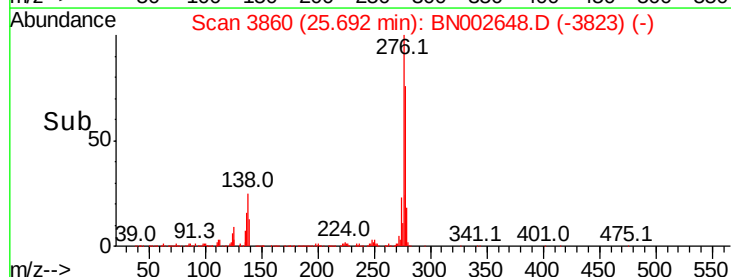
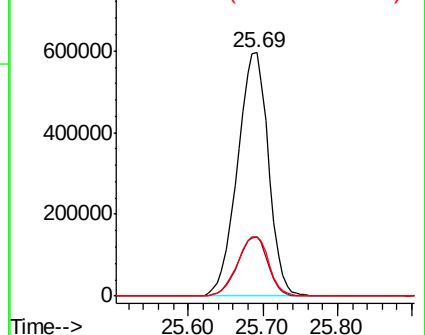
277 24.4 20.2 30.2

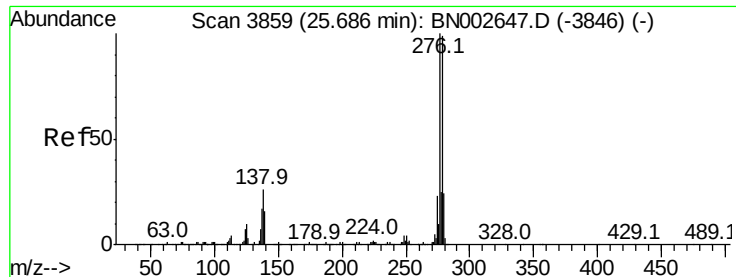


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 20.110 ng/ul

RT: 25.69 min Scan# 3860

Delta R.T. 0.01 min

Lab File: BN002648.D

Acq: 12 Sep 2018 11:01

Instrument :

BNA_N

ClientSampleId :

A3YW6

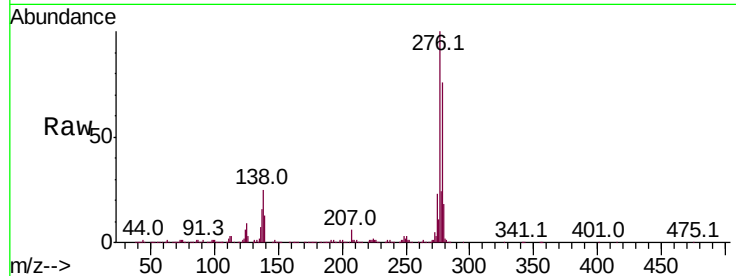
Tot Ion:278 Resp: 1128054

Ion Ratio Lower Upper

278 100

139 16.7 13.9 20.9

279 23.3 19.0 28.4



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

