

Data File : BN004360.D
Acq On : 08 Feb 2019 12:16
Operator : JU/SJ
Sample : K1410-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 09 04:44:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 09 04:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	28352	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	137765	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	90148	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	228700	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	301641	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	346319	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2653	5.63	ng/uL	0.00
5) Phenol-d5	6.91	99	81150	32.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	37071	29.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	66831	32.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	70337	32.39	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	30476	33.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	32992	34.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	74677	34.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	19345	8.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	257002	33.62	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	298982	33.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	48026	32.81	ng/ul	0.00
58) Fluorene-d10	15.39	176	217983	32.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	33661	25.24	ng/ul	0.00
71) Anthracene-d10	17.24	188	361570	32.99	ng/ul	0.00
79) Pyrene-d10	19.54	212	444997	32.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	612954	33.72	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	6.90	77	2951	2.034	ng/ul 96
10) 2-Chlorophenol	7.31	128	87316	42.801	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.28	45	114683	53.616	ng/ul 99
14) Acetophenone	8.57	105	123411	38.129	ng/ul 98
17) Hexachloroethane	8.82	117	13823	19.353	ng/ul 92
20) Nitrobenzene	8.95	77	126138	63.216	ng/ul 99
23) 2-Nitrophenol	9.66	139	59143	55.383	ng/ul 99
27) 2,4-Dichlorophenol	10.18	162	57537	26.999	ng/ul 99
28) Naphthalene	10.59	128	114020	16.052	ng/ul 99
33) 4-Chloro-3-methylphenol	11.82	107	125301	54.517	ng/ul 99
35) 1-Methylnaphthalene	12.42	142	240689	44.796	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	59716	19.899	ng/ul 98
39) 2,4,6-Trichlorophenol	12.81	196	63377	35.742	ng/ul 99
40) 2,4,5-Trichlorophenol	12.81	196	59559	29.899	ng/ul 97
41) 1,1'-Biphenyl	13.22	154	290919	39.939	ng/ul 99
43) 2-Nitroaniline	13.47	65	79394	68.646	ng/ul 99
45) Dimethylphthalate	13.88	163	9831	1.301	ng/ul# 95
46) 2,6-Dinitrotoluene	13.97	165	66969	50.258	ng/ul 97
48) Acenaphthylene	14.11	152	482637	56.118	ng/ul 100
50) Acenaphthene	14.45	153	28238	4.558	ng/ul 98
53) 4-Nitrophenol	14.60	109	74180	68.161	ng/ul 98
54) Dibenzofuran	14.79	168	187908	20.968	ng/ul 99
55) 2,4-Dinitrotoluene	14.76	165	118181	56.537	ng/ul 96

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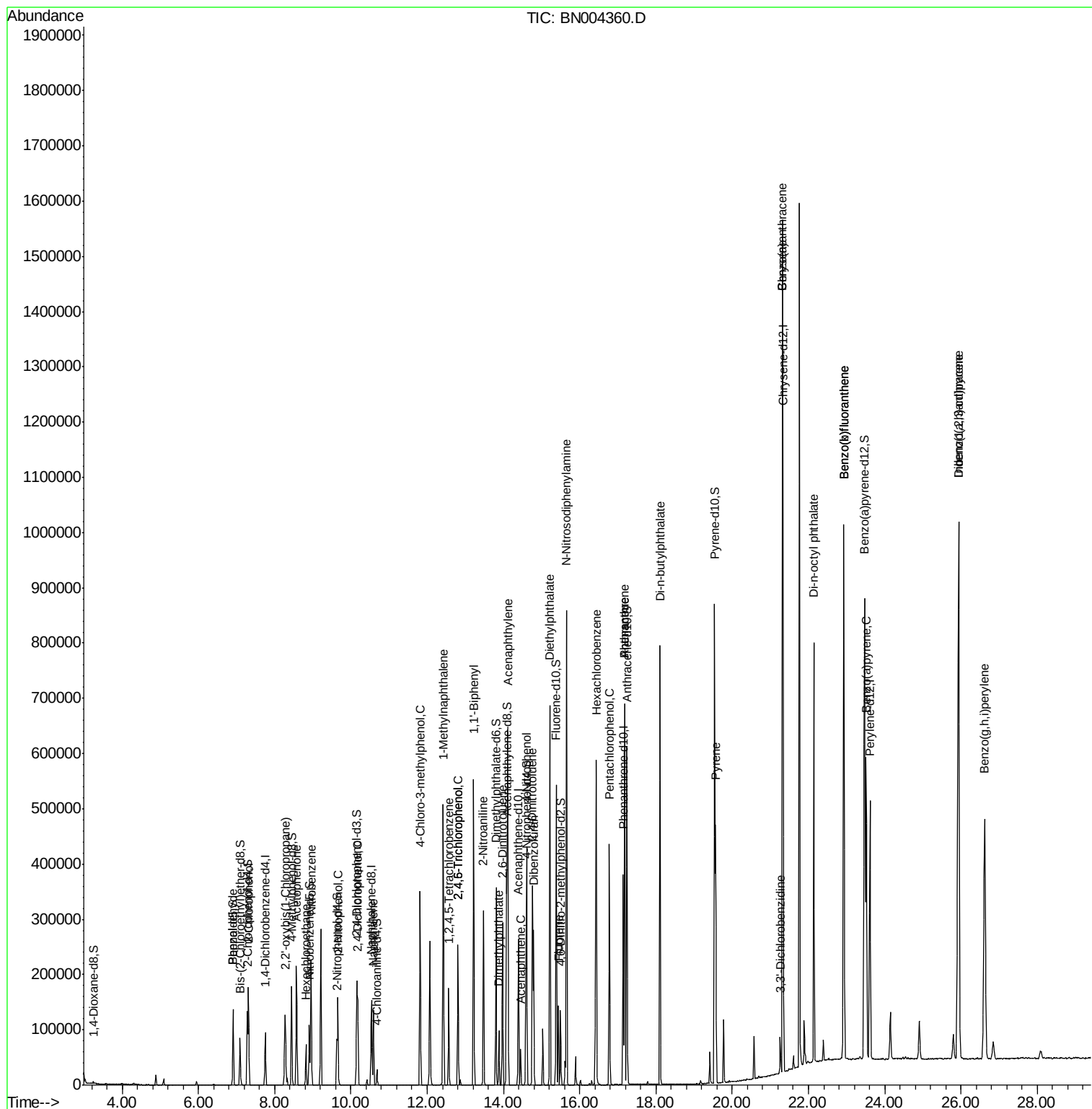
Quant Time: Feb 09 04:44:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
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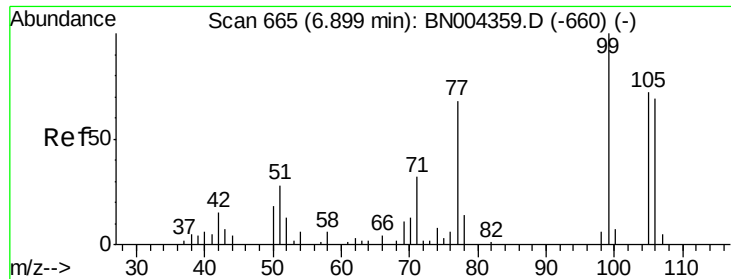
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) Diethylphthalate	15.22	149	382726	51.316	ng/ul	100
59) Fluorene	15.44	166	63299	8.716	ng/ul	100
65) N-Nitrosodiphenylamine	15.65	169	337420	51.518	ng/ul	99
67) Hexachlorobenzene	16.43	284	125612	41.965	ng/ul	99
69) Pentachlorophenol	16.78	266	78790	45.157	ng/ul	98
70) Phenanthrene	17.18	178	419293	33.044	ng/ul	100
72) Anthracene	17.18	178	419293	32.821	ng/ul	99
76) Di-n-butylphthalate	18.10	149	566687	45.225	ng/ul	100
80) Pyrene	19.57	202	282967	16.963	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	21648	3.422	ng/ul	100
83) Benzo(a)anthracene	21.32	228	756160	40.674	ng/ul	99
85) Chrysene	21.32	228	756160	42.846	ng/ul	97
87) Di-n-octyl phthalate	22.14	149	523266	31.558	ng/ul	100
88) Benzo(b)fluoranthene	22.93	252	688189	33.554	ng/ul	99
89) Benzo(k)fluoranthene	22.93	252	688189	34.515	ng/ul	99
91) Benzo(a)pyrene	23.52	252	411224	20.548	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.94	276	249295	9.810	ng/ul#	73
93) Dibenzo(a,h)anthracene	25.94	278	1058164	50.050	ng/ul	98
94) Benzo(g,h,i)perylene	26.62	276	557551	26.179	ng/ul	99

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

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#4

Benzaldehyde

Concen: 2.034 ng/ul

RT: 6.90 min Scan# 666

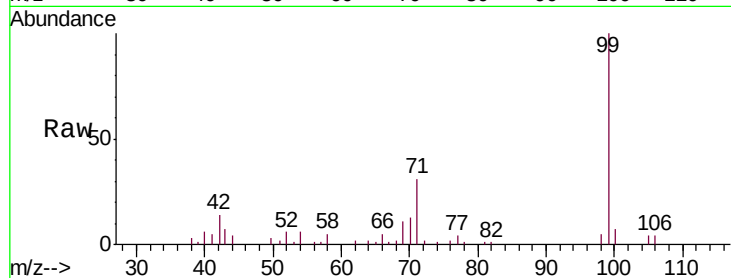
Delta R.T. 0.01 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

Tgt Ion: 77 Resp: 2951

Ion	Ratio	Lower	Upper
77	100		
105	114.6	85.4	128.0
106	105.5	84.8	127.2

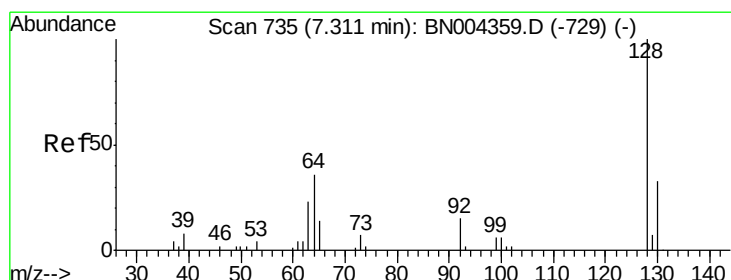
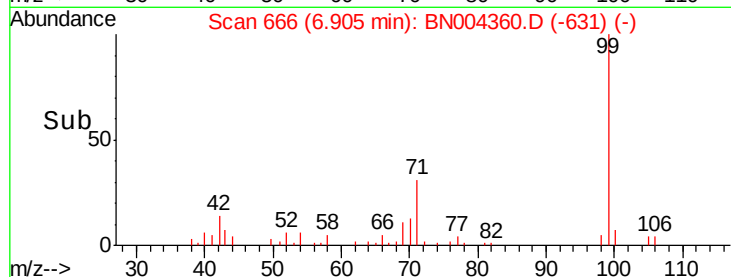
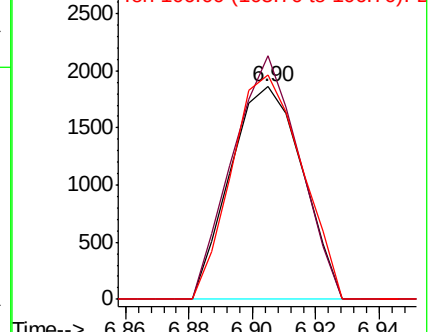


Abundance

Ion 77.00 (76.70 to 77.70): BN004359.D (-660) (-)

Ion 105.00 (104.70 to 105.70): BN004359.D (-660) (-)

Ion 106.00 (105.70 to 106.70): BN004359.D (-660) (-)



#10

2-Chlorophenol

Concen: 42.801 ng/ul

RT: 7.31 min Scan# 735

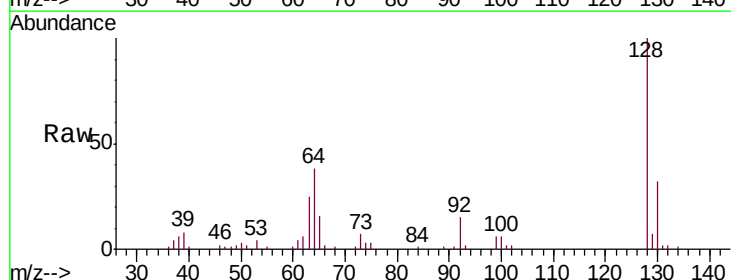
Delta R.T. -0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

Tgt Ion: 128 Resp: 87316

Ion	Ratio	Lower	Upper
128	100		
64	38.5	31.0	46.6
130	32.5	26.1	39.1

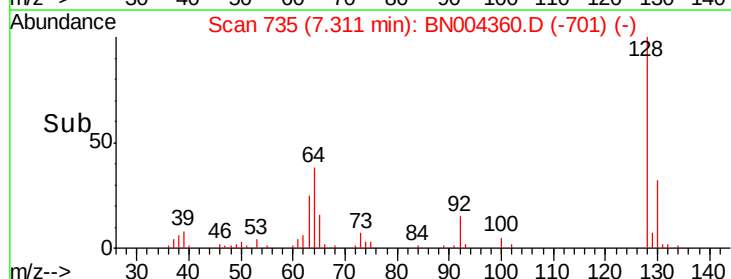
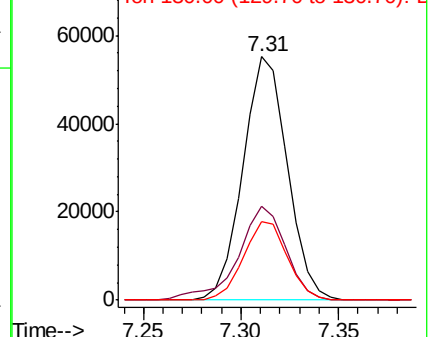


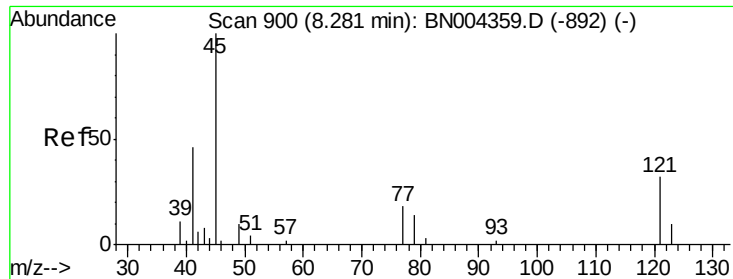
Abundance

Ion 128.00 (127.70 to 128.70): BN004359.D (-729) (-)

Ion 64.00 (63.70 to 64.70): BN004359.D (-729) (-)

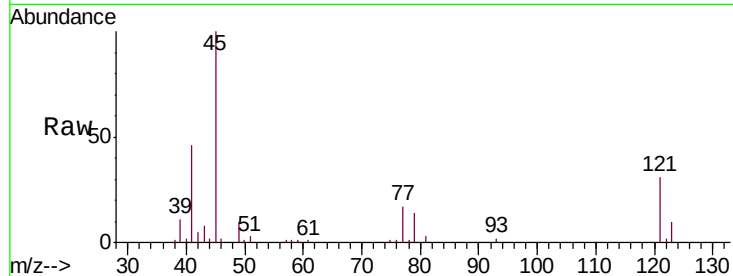
Ion 130.00 (129.70 to 130.70): BN004359.D (-729) (-)



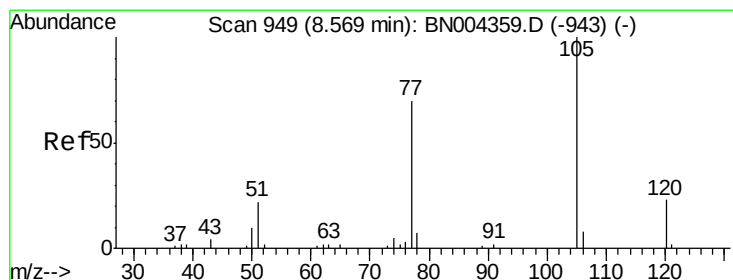
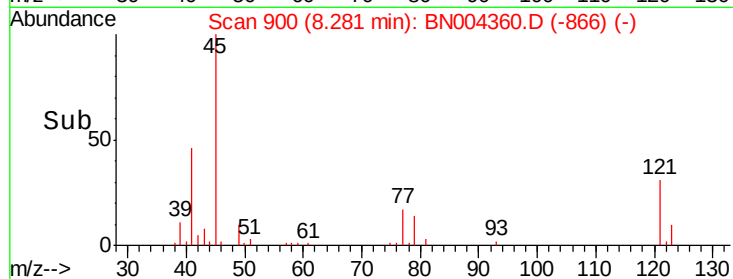
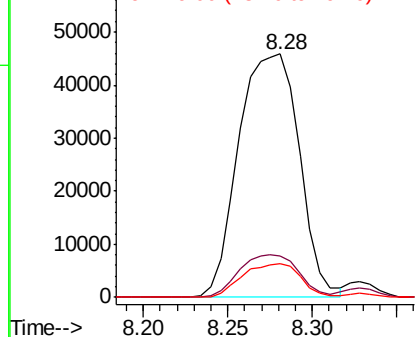


#12
2,2'-oxybis(1-chloropropane)
Concen: 53.616 ng/ul
RT: 8.28 min Scan# 900
Delta R.T. -0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

Tgt Ion: 45 Resp: 114683
Ion Ratio Lower Upper
45 100
77 17.2 14.1 21.1
79 13.6 10.8 16.2

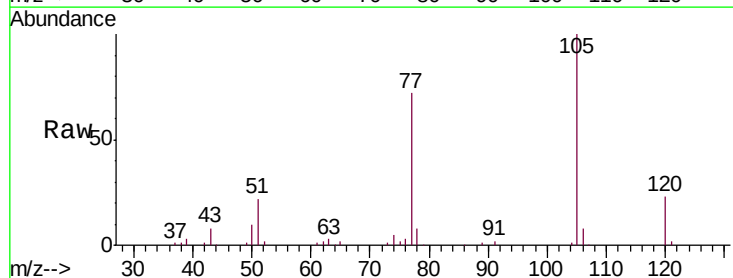


Abundance Ion 45.00 (44.70 to 45.70): BN0
Ion 77.00 (76.70 to 77.70): BN0
Ion 79.00 (78.70 to 79.70): BN0

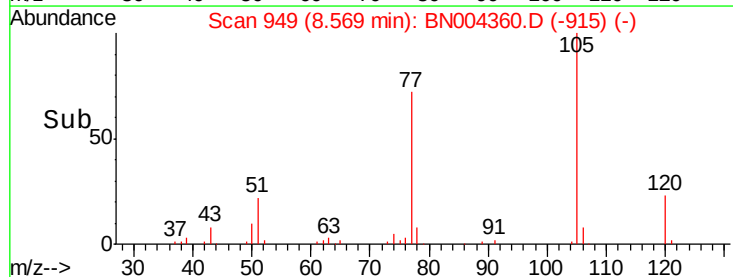
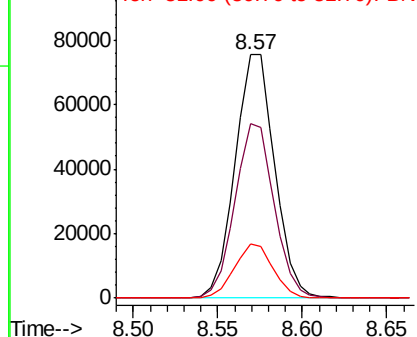


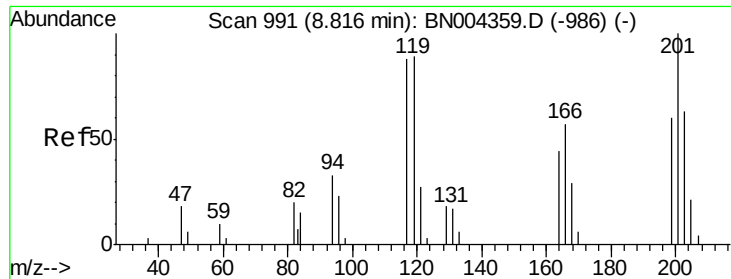
#14
Acetophenone
Concen: 38.129 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. -0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

Tgt Ion: 105 Resp: 123411
Ion Ratio Lower Upper
105 100
77 71.8 56.1 84.1
51 22.0 17.2 25.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BN0
Ion 51.00 (50.70 to 51.70): BN0





#17

Hexachloroethane

Concen: 19.353 ng/ul

RT: 8.82 min Scan# 992

Delta R.T. 0.01 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

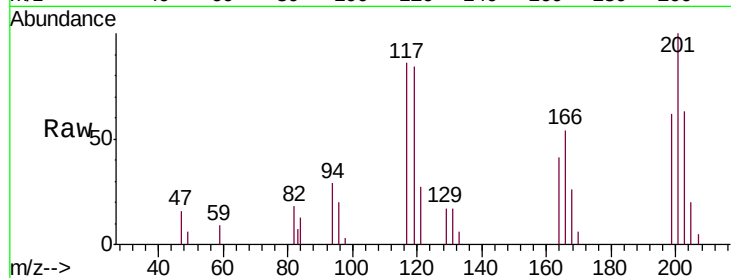
Tgt Ion: 117 Resp: 13823

Ion Ratio Lower Upper

117 100

201 116.6 85.0 127.6

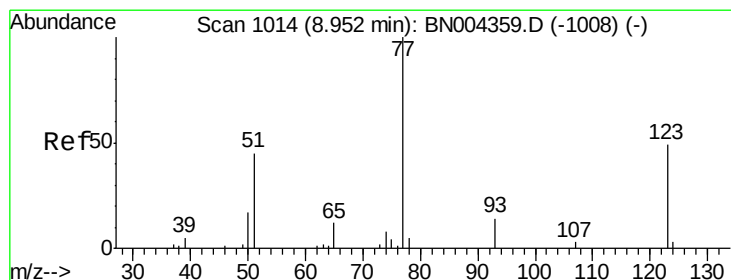
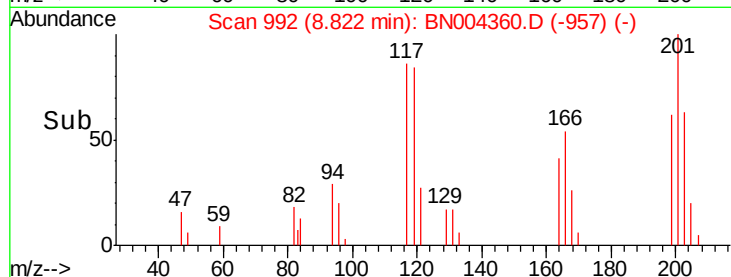
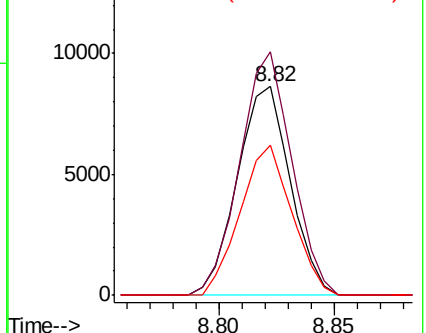
199 71.7 53.8 80.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 63.216 ng/ul

RT: 8.95 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

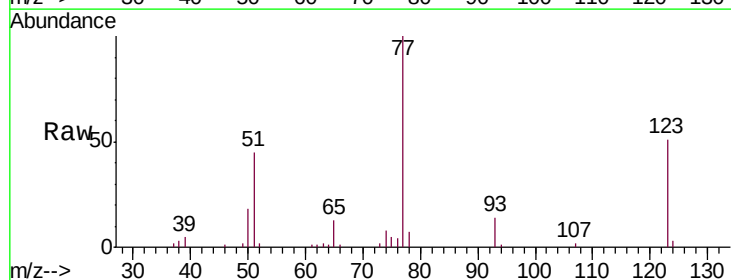
Tgt Ion: 77 Resp: 126138

Ion Ratio Lower Upper

77 100

123 51.4 41.6 62.4

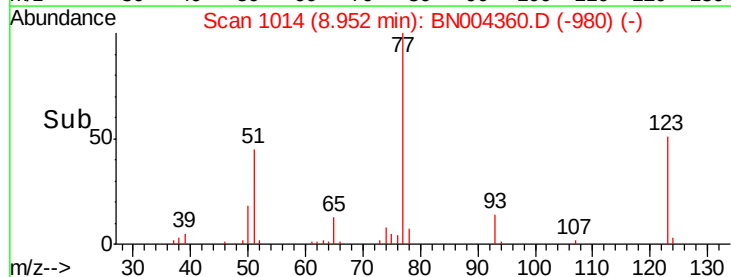
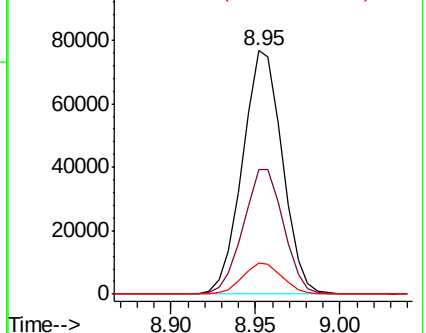
65 12.6 10.2 15.4

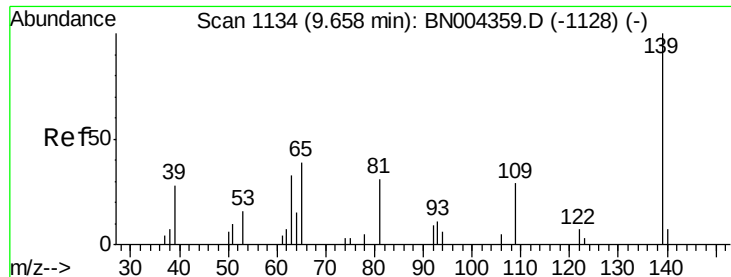


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

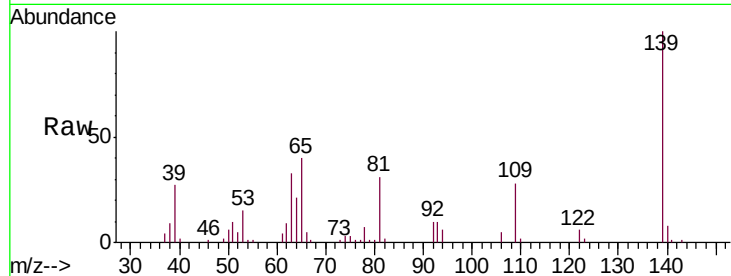
Ion 65.00 (64.70 to 65.70): BNC



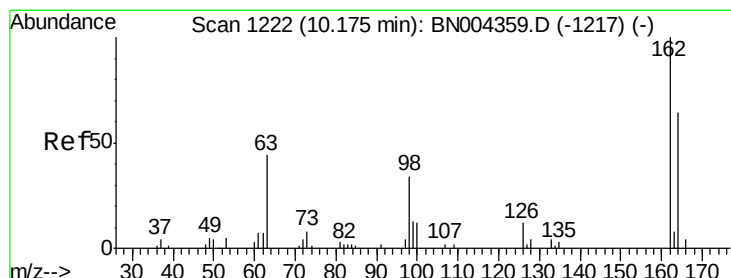
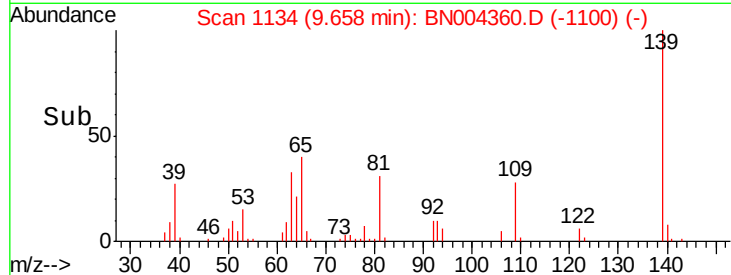
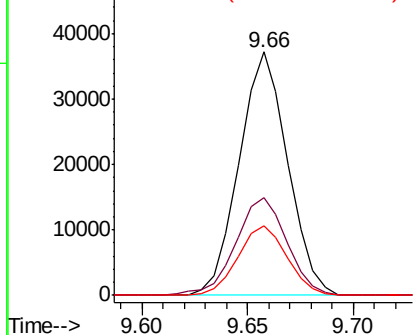


#23
 2-Nitrophenol
 Concen: 55.383 ng/ul
 RT: 9.66 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tgt Ion:139 Resp: 59143
 Ion Ratio Lower Upper
 139 100
 65 40.3 32.7 49.1
 109 28.3 22.8 34.2

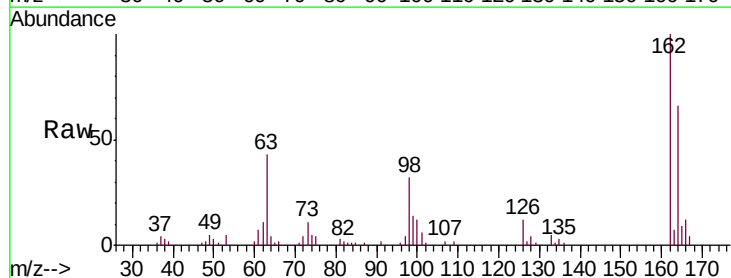


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BNO
 Ion 109.00 (108.70 to 109.70): E

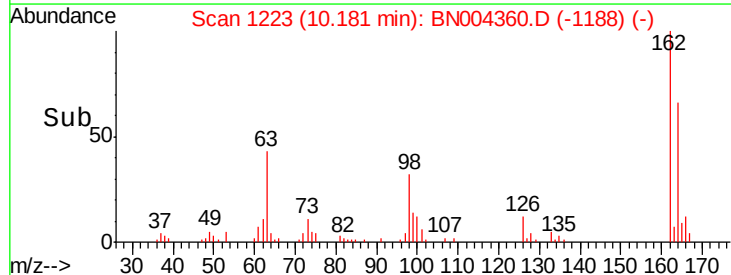
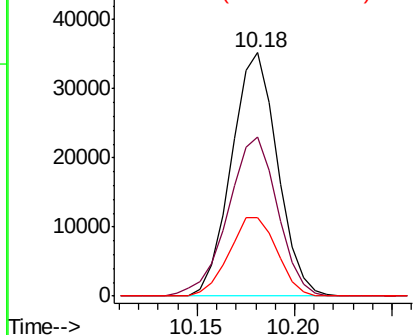


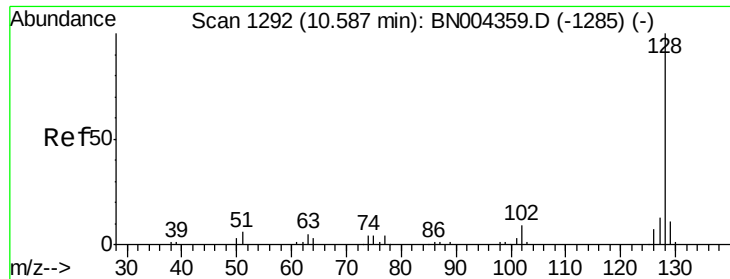
#27
 2,4-Dichlorophenol
 Concen: 26.999 ng/ul
 RT: 10.18 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tgt Ion:162 Resp: 57537
 Ion Ratio Lower Upper
 162 100
 164 65.6 53.0 79.4
 98 32.3 27.0 40.4



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: 16.052 ng/ul

RT: 10.59 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

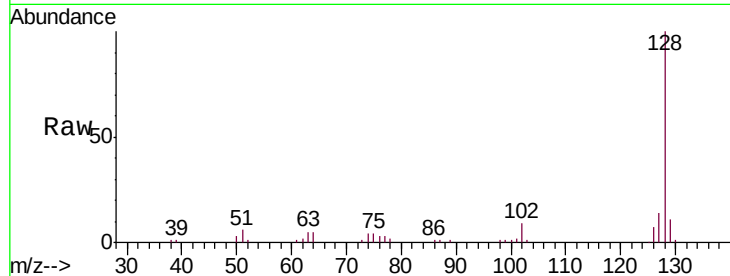
Tgt Ion:128 Resp: 114020

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

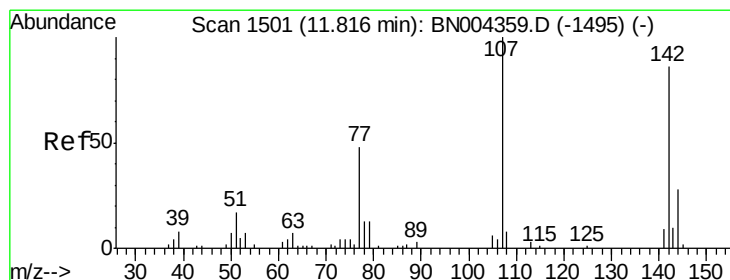
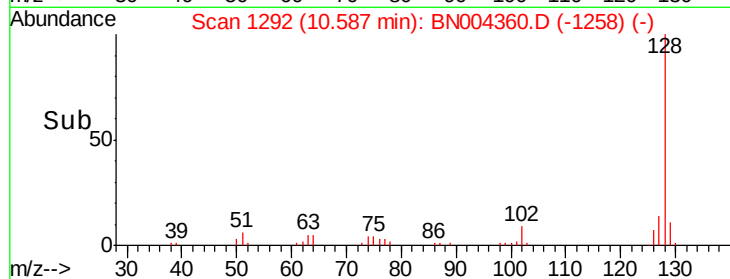
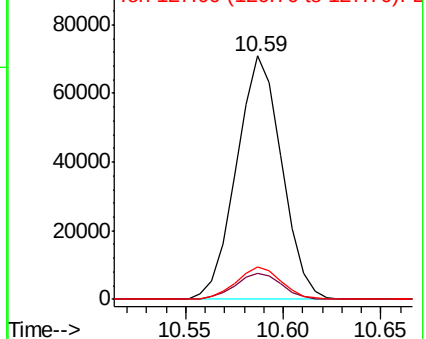
127 13.6 10.2 15.4



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



#33

4-Chloro-3-methylphenol

Concen: 54.517 ng/ul

RT: 11.82 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

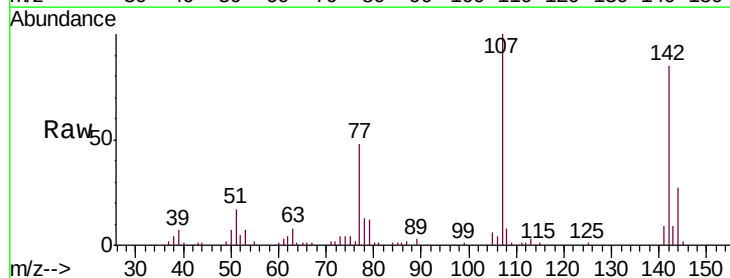
Tgt Ion:107 Resp: 125301

Ion Ratio Lower Upper

107 100

144 27.3 22.2 33.4

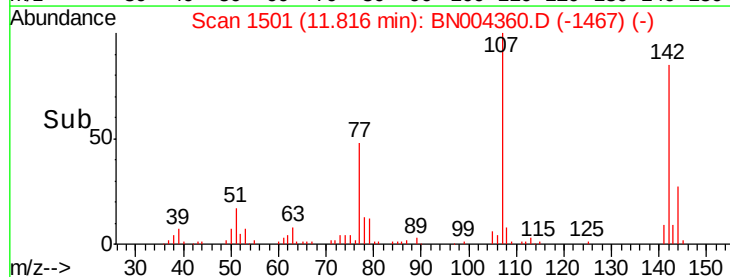
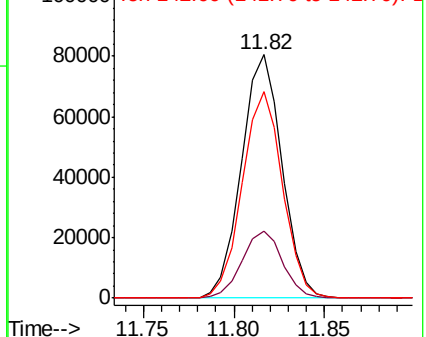
142 84.6 67.4 101.0

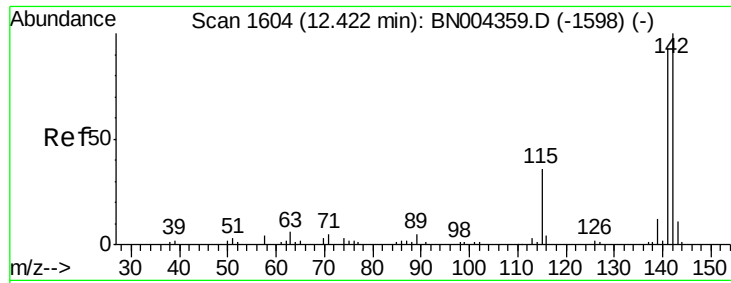


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

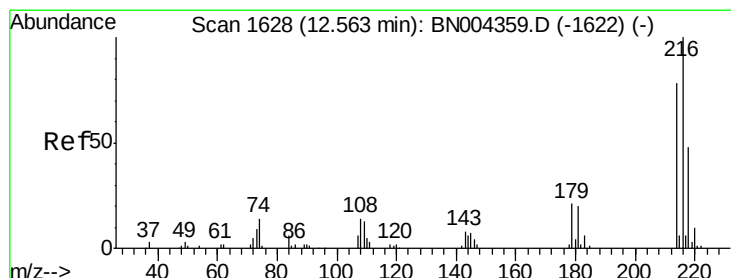
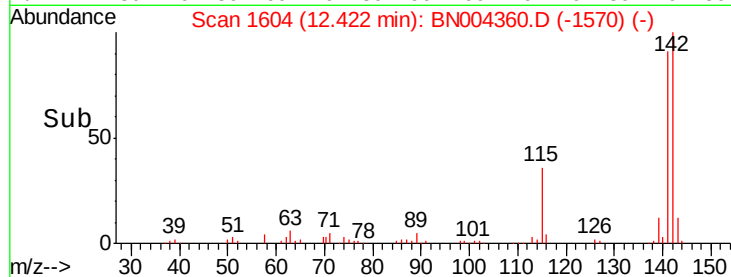
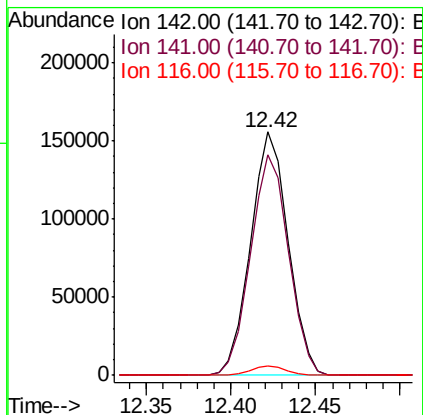
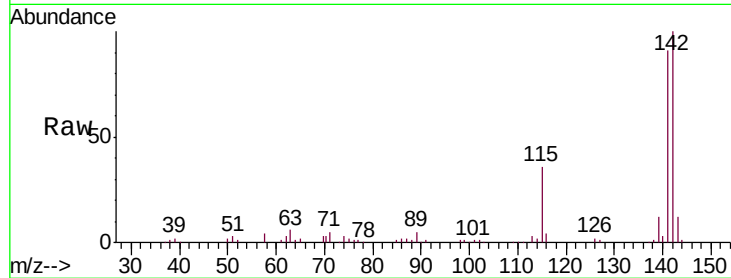
Ion 142.00 (141.70 to 142.70): E





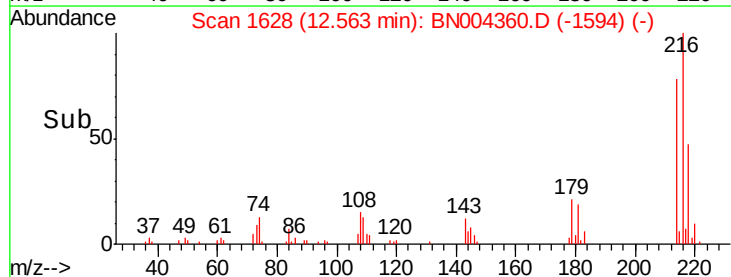
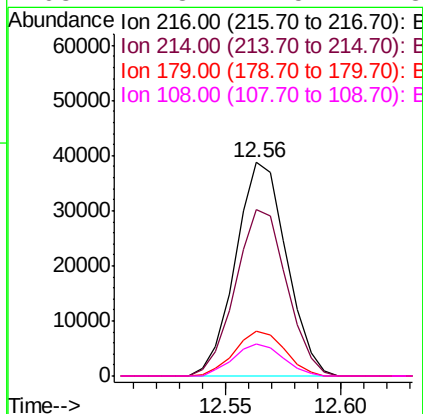
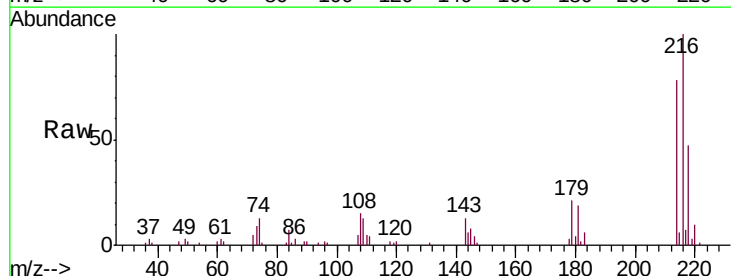
#35
 1-Methylnaphthalene
 Concen: 44.796 ng/ul
 RT: 12.42 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

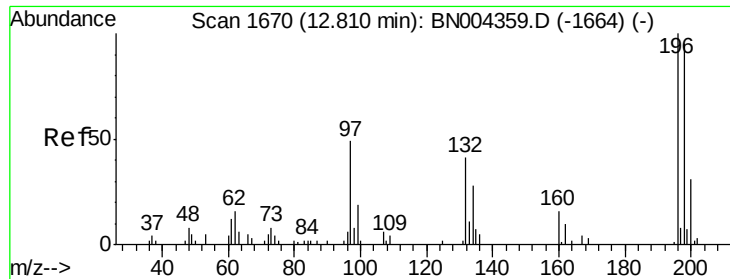
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.9	112.3
116	3.7	3.1	4.7



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.899 ng/ul
 RT: 12.56 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

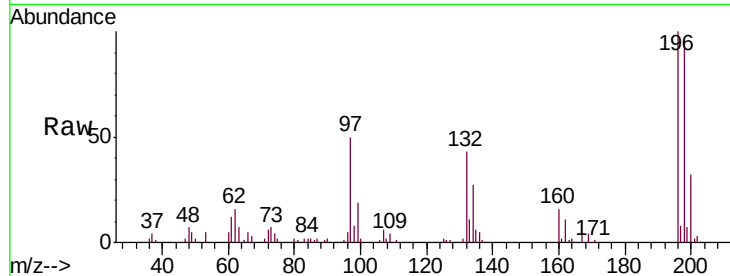
Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	60.9	91.3
179	21.2	16.2	24.4
108	14.8	11.5	17.3



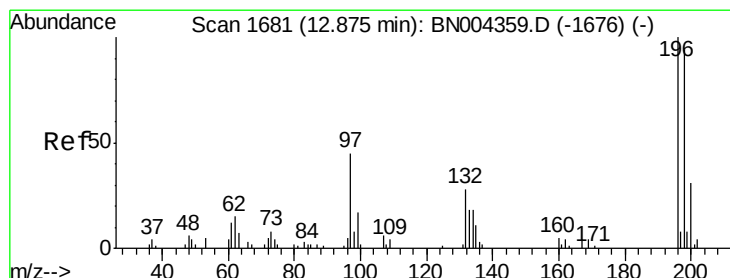
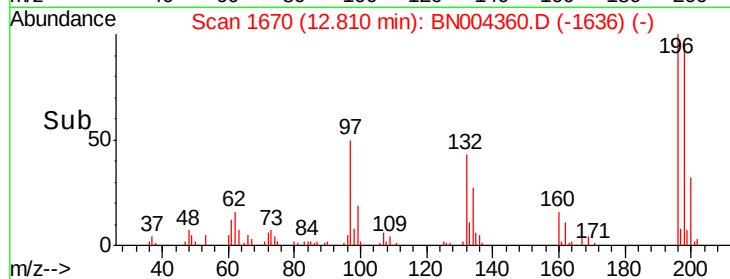
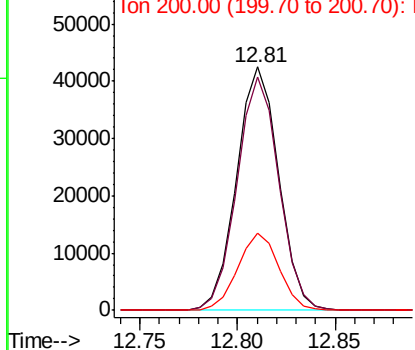


#39
 2,4,6-Trichlorophenol
 Concen: 35.742 ng/ul
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tgt Ion:196 Resp: 63377
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.6 115.0
 200 31.7 24.5 36.7

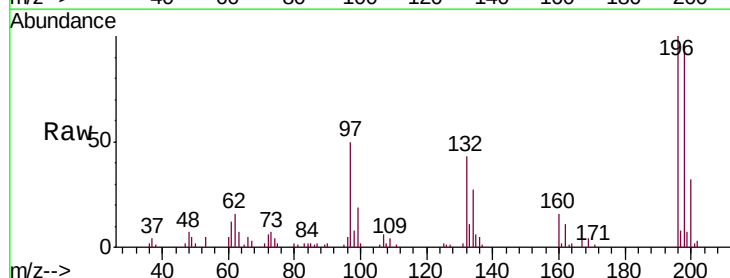


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

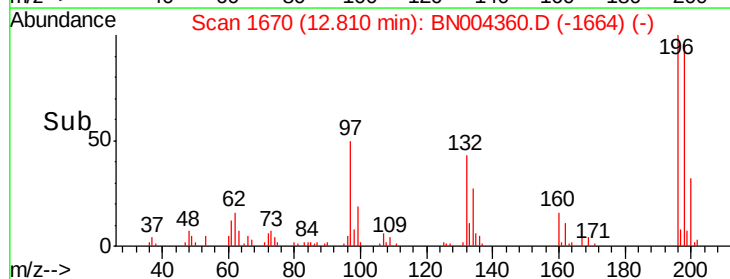
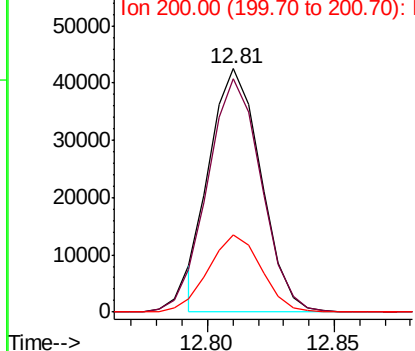


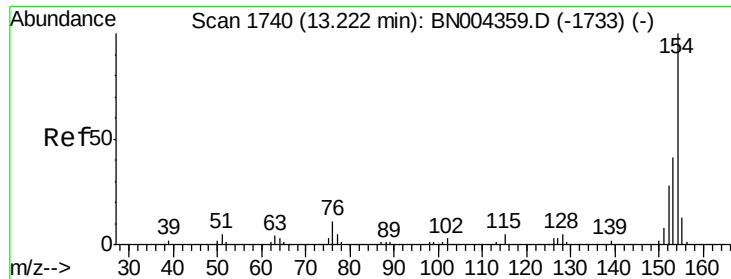
#40
 2,4,5-Trichlorophenol
 Concen: 29.899 ng/ul
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.06 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tgt Ion:196 Resp: 59559
 Ion Ratio Lower Upper
 196 100
 198 95.9 79.9 119.9
 200 31.7 25.9 38.9



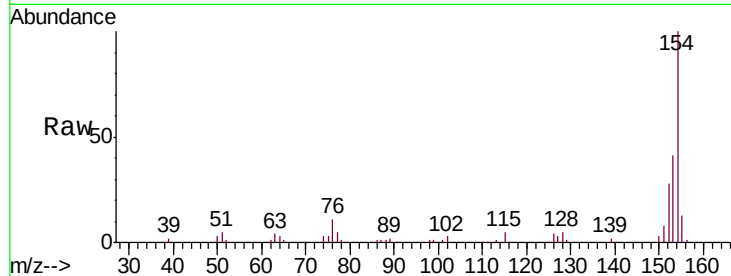
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



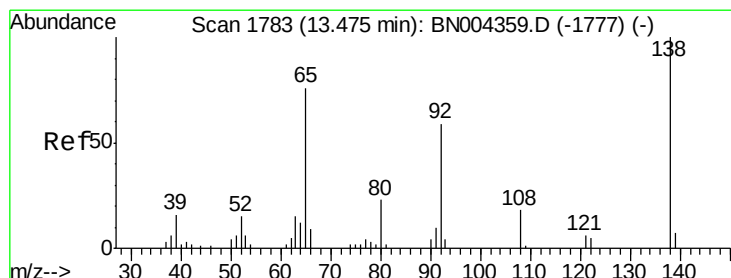
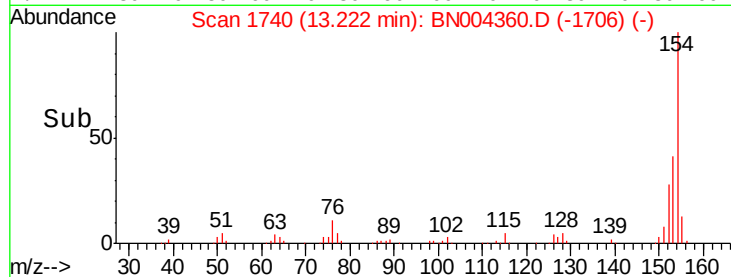
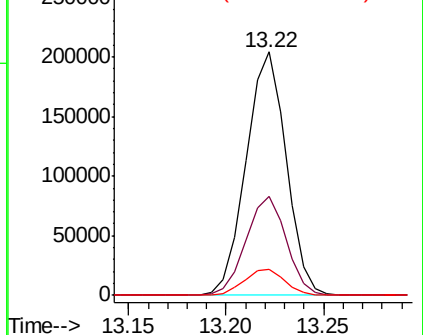


#41
 1,1'-Biphenyl
 Concen: 39.939 ng/ul
 RT: 13.22 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tgt Ion:	154	Resp:	290919
Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.6	48.8
76	10.9	9.2	13.8

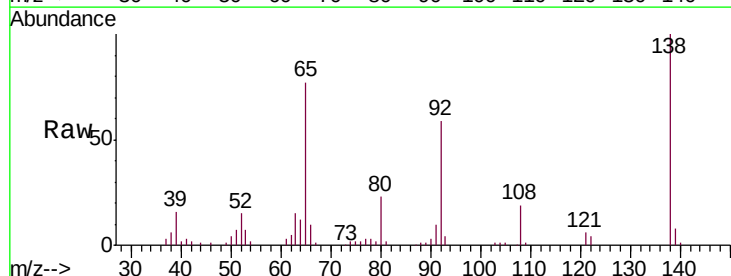


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

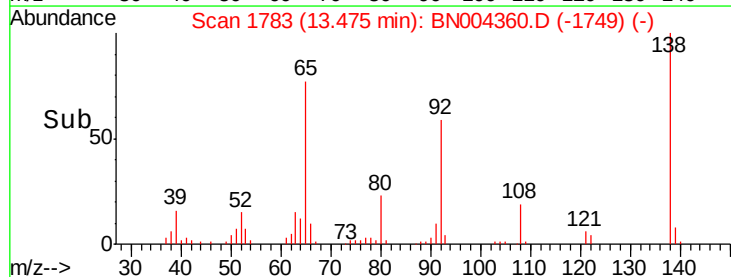
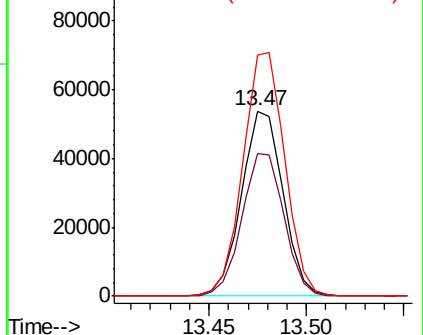


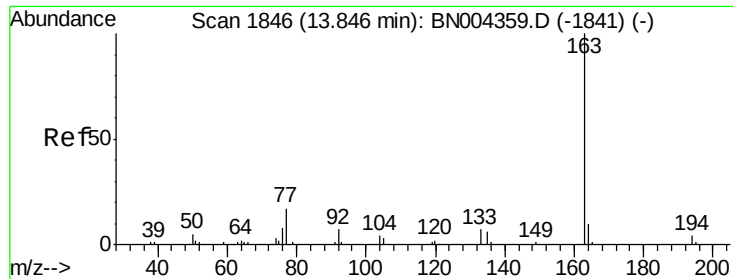
#43
 2-Nitroaniline
 Concen: 68.646 ng/ul
 RT: 13.47 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tgt Ion:	65	Resp:	79394
Ion	Ratio	Lower	Upper
65	100		
92	76.9	62.1	93.1
138	130.3	105.0	157.6



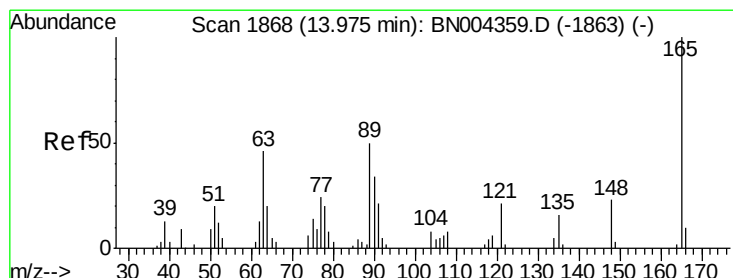
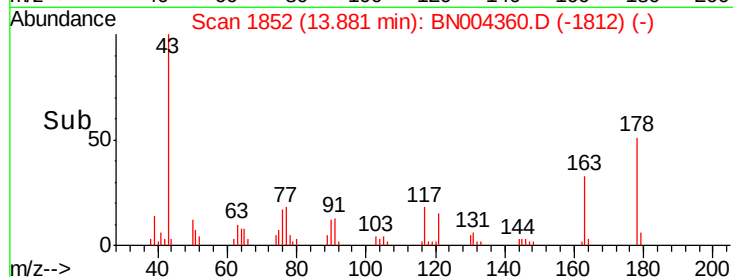
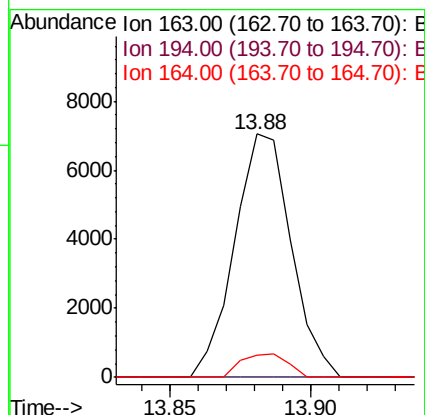
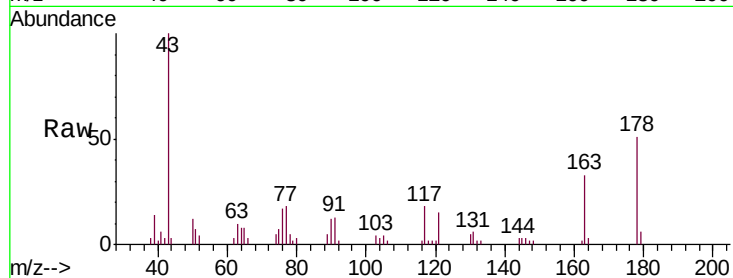
Abundance Ion 65.00 (64.70 to 65.70): B
 Ion 92.00 (91.70 to 92.70): B
 Ion 138.00 (137.70 to 138.70): E





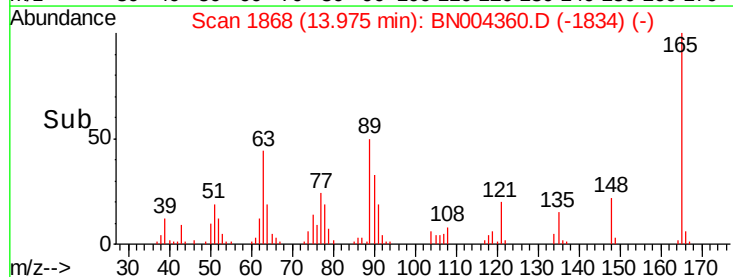
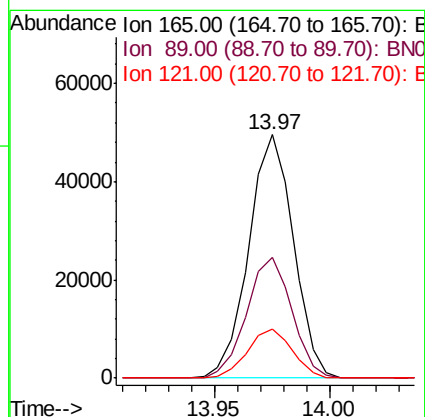
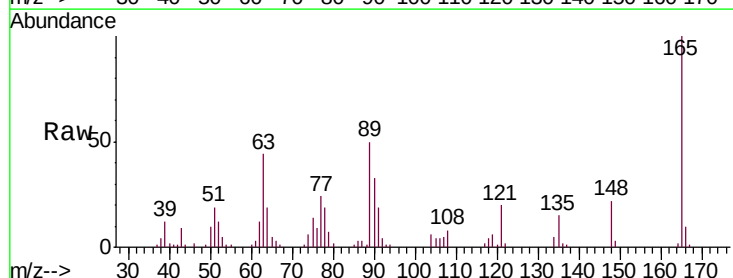
#45
Dimethylphthalate
Concen: 1.301 ng/ul
RT: 13.88 min Scan# 1852
Delta R.T. 0.04 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

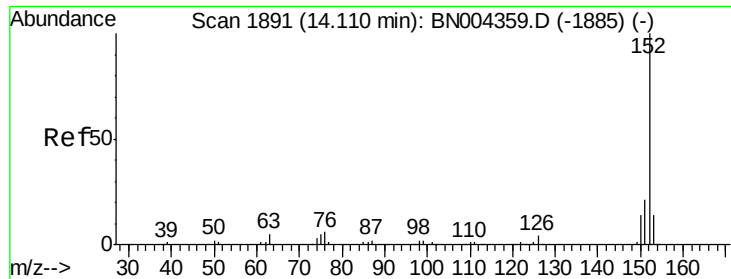
Tgt Ion:163 Resp: 9831
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 9.4 7.9 11.9



#46
2,6-Dinitrotoluene
Concen: 50.258 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

Tgt Ion:165 Resp: 66969
Ion Ratio Lower Upper
165 100
89 49.8 42.0 63.0
121 20.2 17.0 25.6





#48

Acenaphthylene

Concen: 56.118 ng/ul

RT: 14.11 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

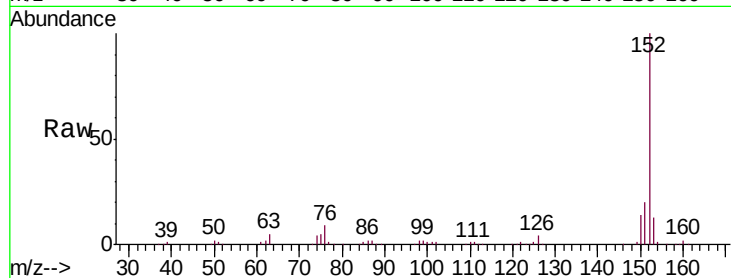
Tgt Ion:152 Resp: 482637

Ion Ratio Lower Upper

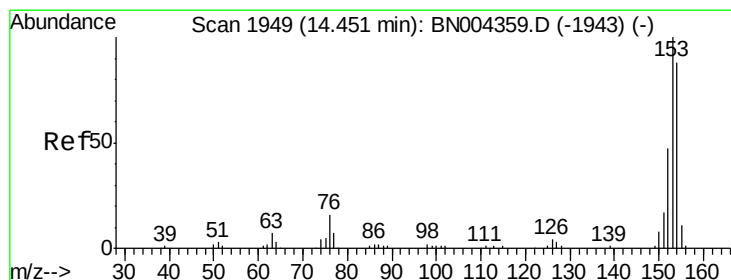
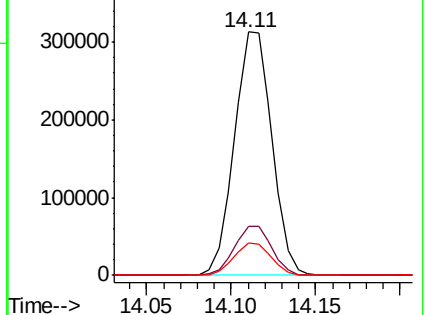
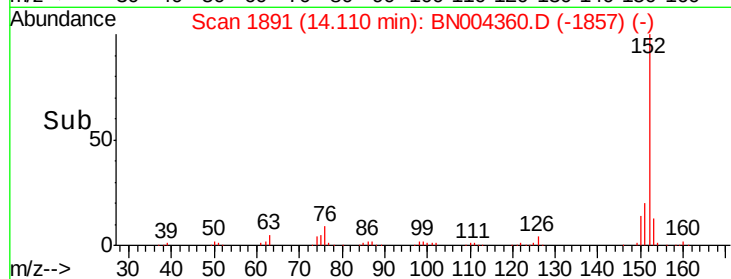
152 100

151 20.1 16.1 24.1

153 13.5 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 4.558 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

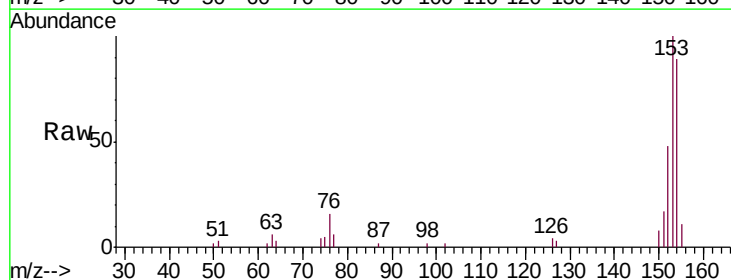
Tgt Ion:153 Resp: 28238

Ion Ratio Lower Upper

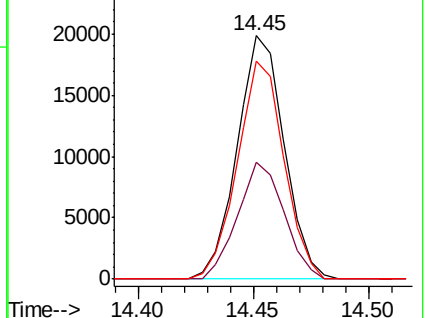
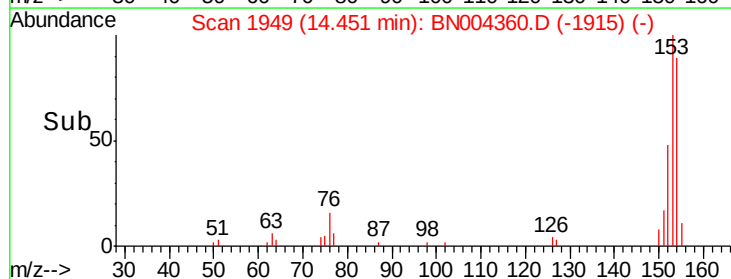
153 100

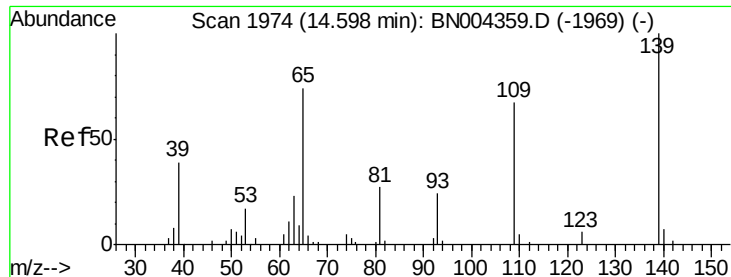
152 47.8 37.8 56.6

154 89.4 70.0 105.0



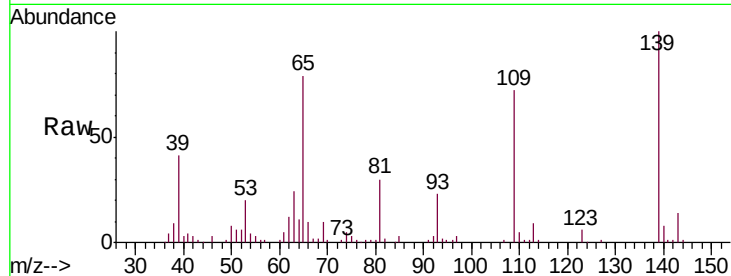
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



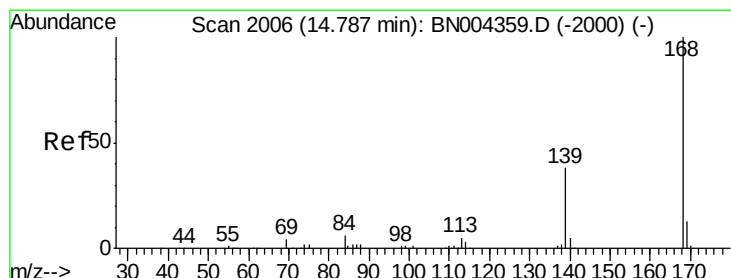
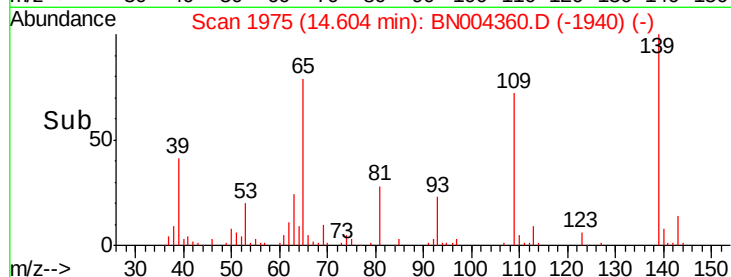
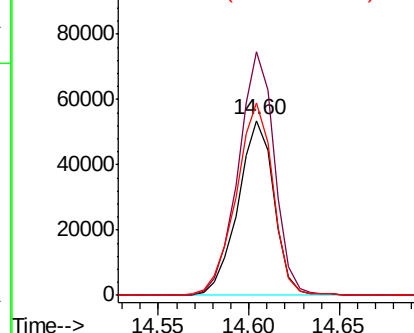


#53
4-Nitrophenol
Concen: 68.161 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

Tgt Ion:109 Resp: 74180
Ion Ratio Lower Upper
109 100
139 139.1 112.1 168.1
65 109.9 90.3 135.5

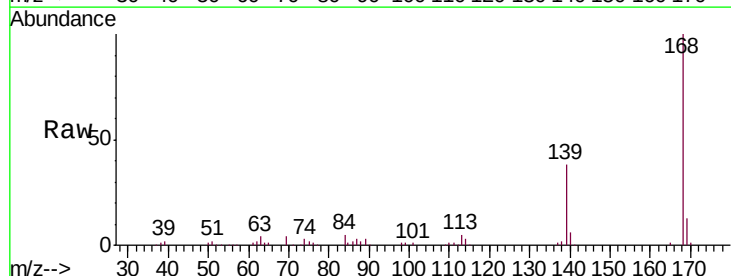


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO

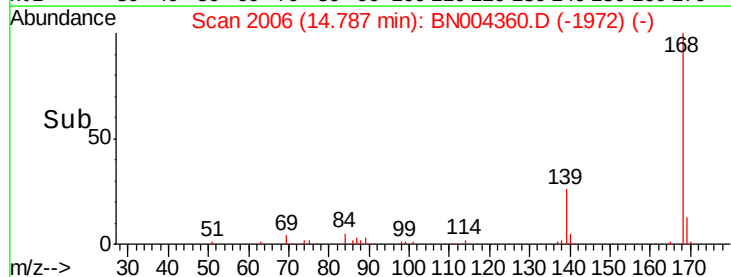
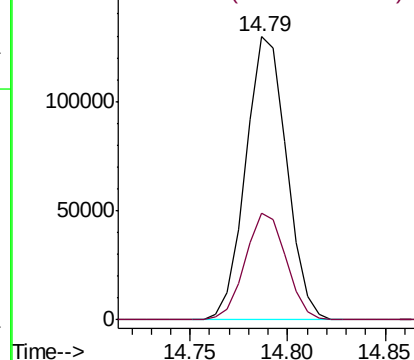


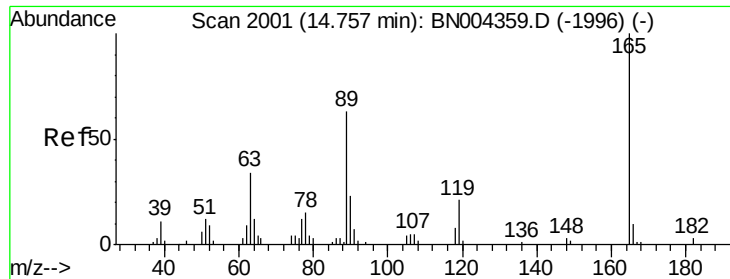
#54
Dibenzofuran
Concen: 20.968 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

Tgt Ion:168 Resp: 187908
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#55

2,4-Dinitrotoluene

Concen: 56.537 ng/ul

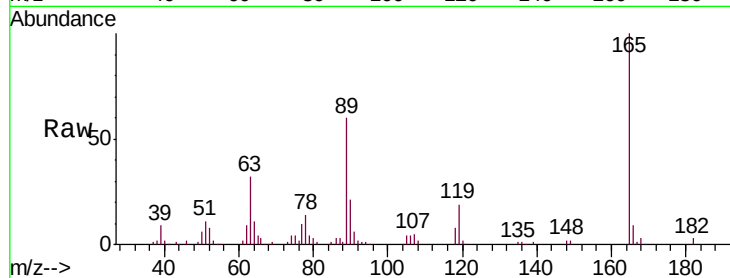
RT: 14.76 min Scan# 2002

Delta R.T. 0.01 min

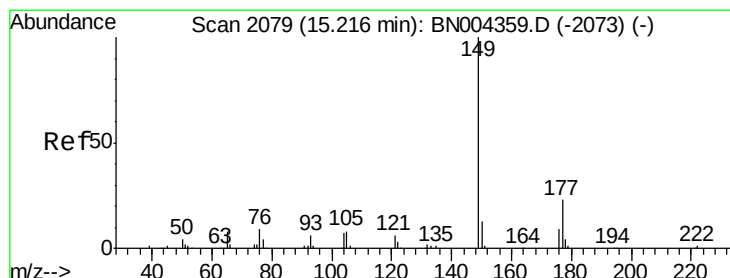
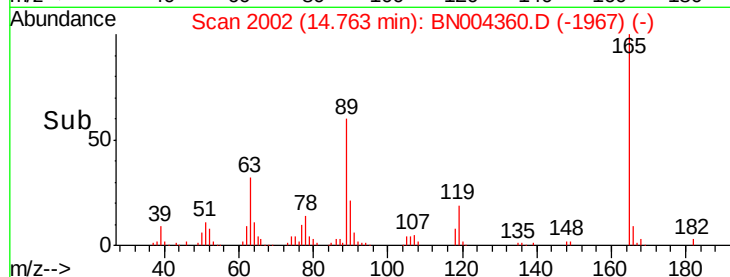
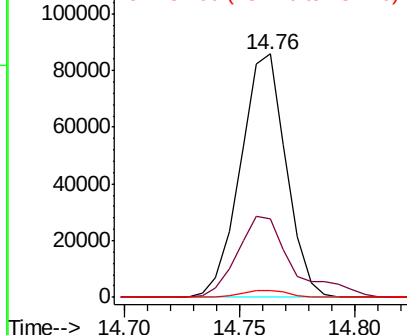
Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

Tgt Ion:	165	Resp:	118181
Ion	Ratio	Lower	Upper
165	100		
63	32.3	27.6	41.4
182	2.9	2.3	3.5



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



#57

Diethylphthalate

Concen: 51.316 ng/ul

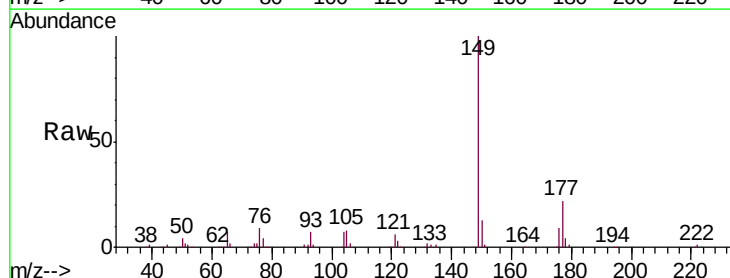
RT: 15.22 min Scan# 2079

Delta R.T. -0.00 min

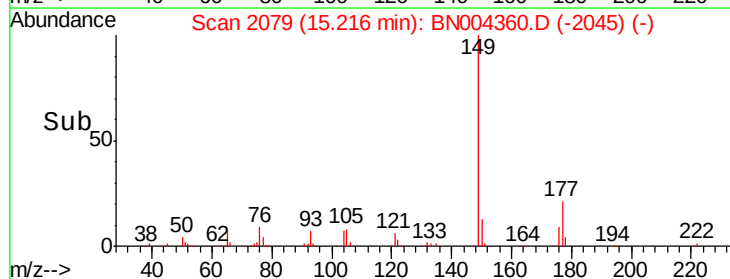
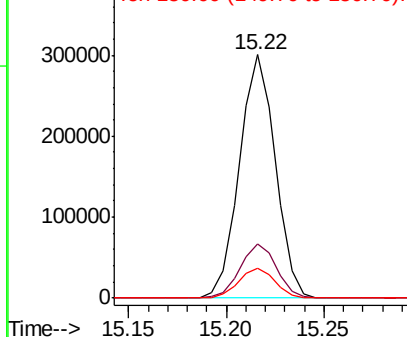
Lab File: BN004360.D

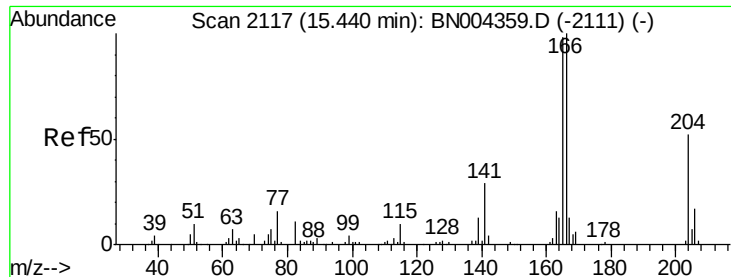
Acq: 08 Feb 2019 12:16

Tgt Ion:	149	Resp:	382726
Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.0	27.0
150	12.5	10.2	15.2



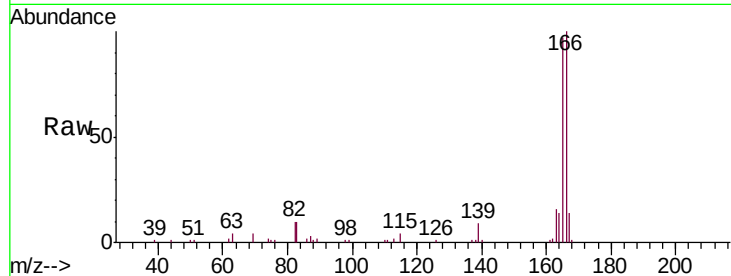
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



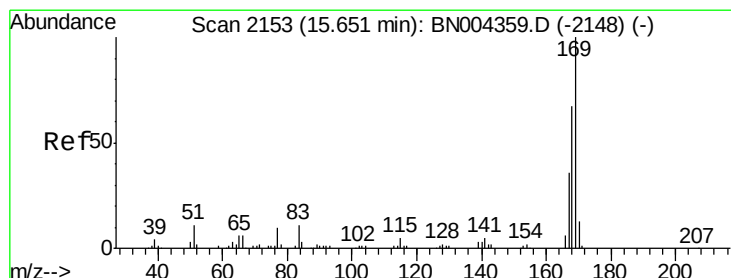
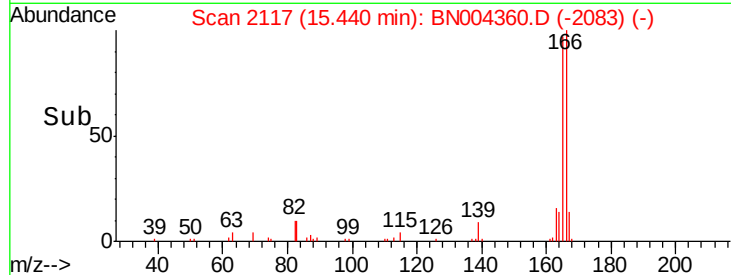
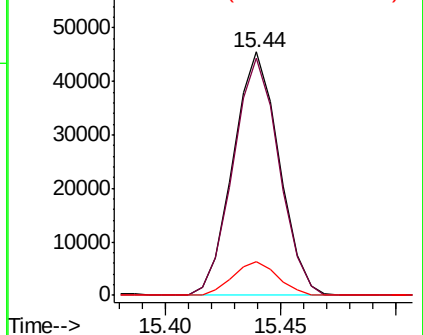


#59
 Fluorene
 Concen: 8.716 ng/ul
 RT: 15.44 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tgt Ion:166 Resp: 63299
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.0 117.0
 167 13.8 10.8 16.2

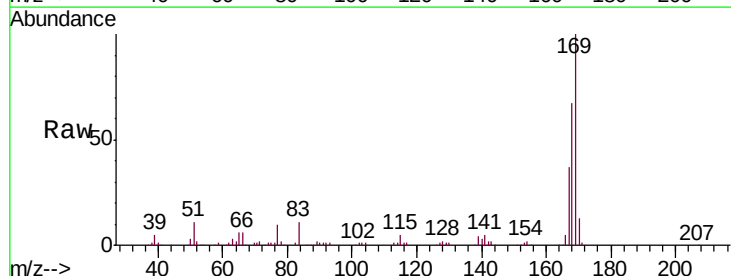


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

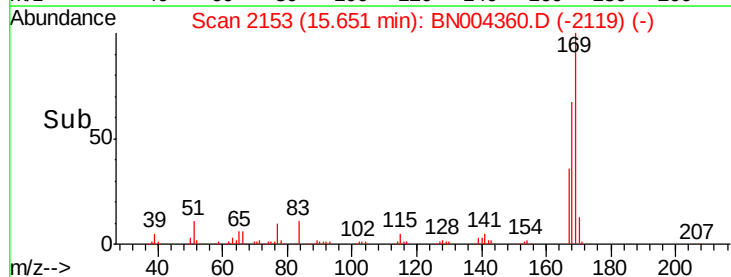
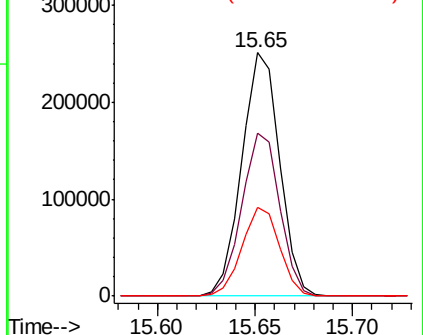


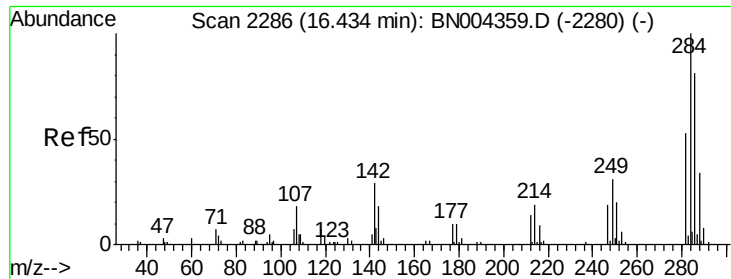
#65
 N-Nitrosodiphenylamine
 Concen: 51.518 ng/ul
 RT: 15.65 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tgt Ion:169 Resp: 337420
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.8 80.6
 167 36.6 29.0 43.4



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





#67

Hexachlorobenzene

Concen: 41.965 ng/ul

RT: 16.43 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

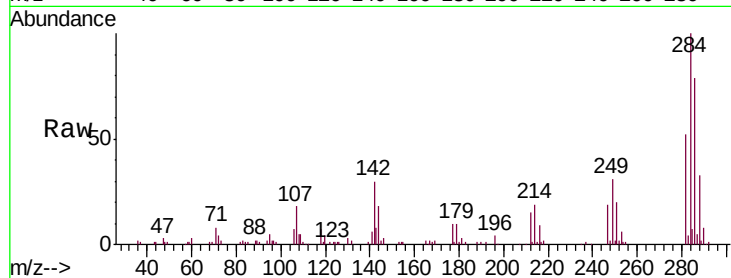
Tgt Ion:284 Resp: 125612

Ion Ratio Lower Upper

284 100

142 30.3 24.5 36.7

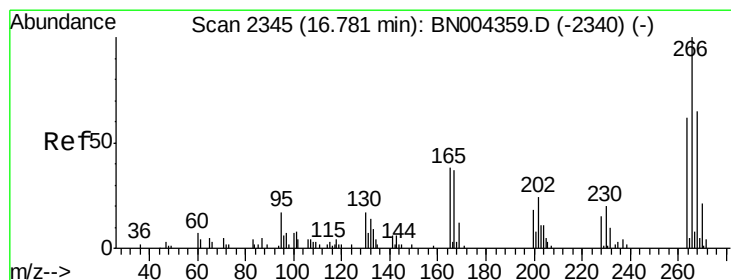
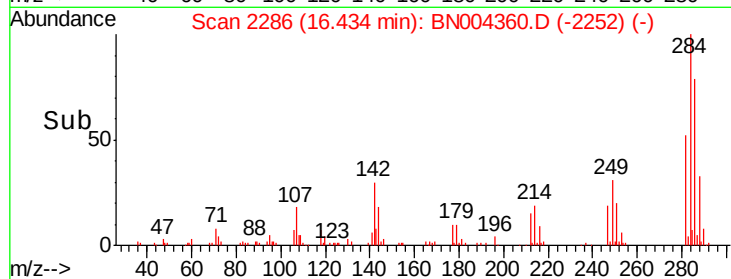
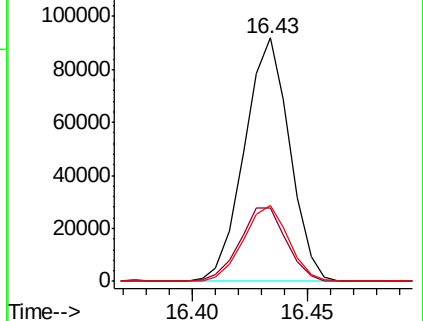
249 31.0 25.0 37.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Pentachlorophenol

Concen: 45.157 ng/ul

RT: 16.78 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

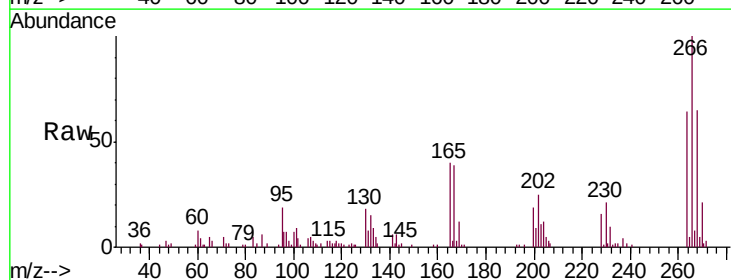
Tgt Ion:266 Resp: 78790

Ion Ratio Lower Upper

266 100

264 63.6 50.3 75.5

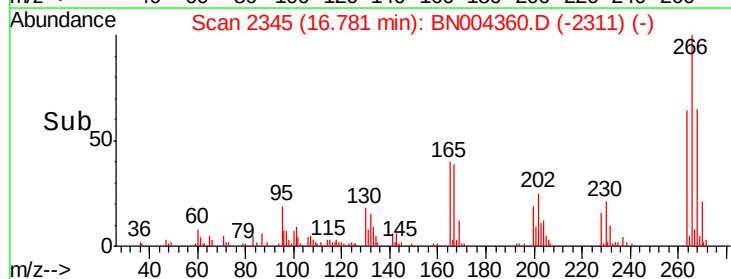
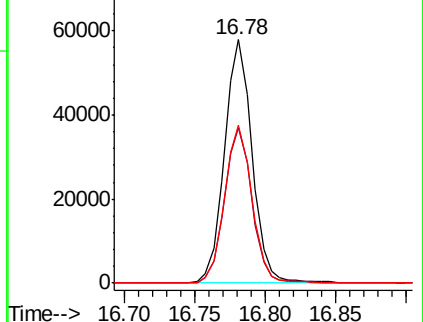
268 65.1 49.6 74.4

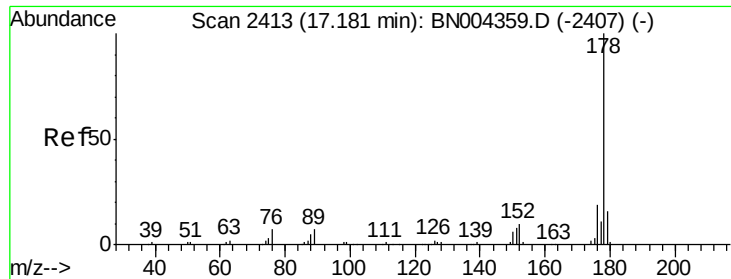


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

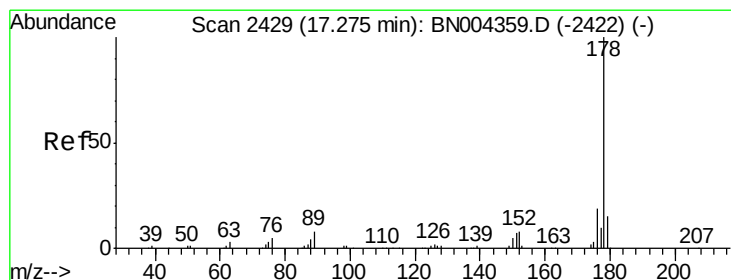
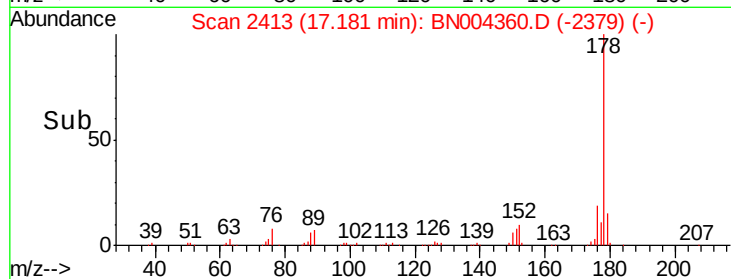
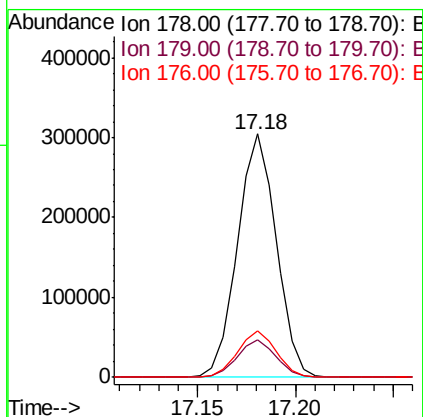
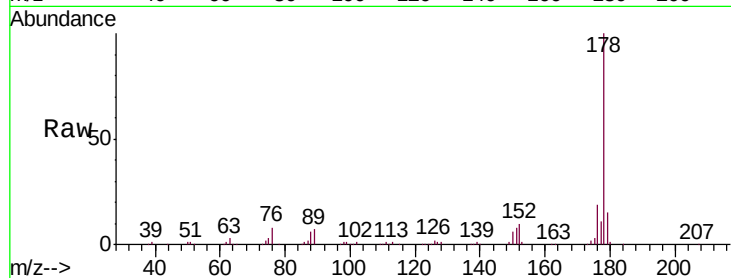
Ion 268.00 (267.70 to 268.70): E





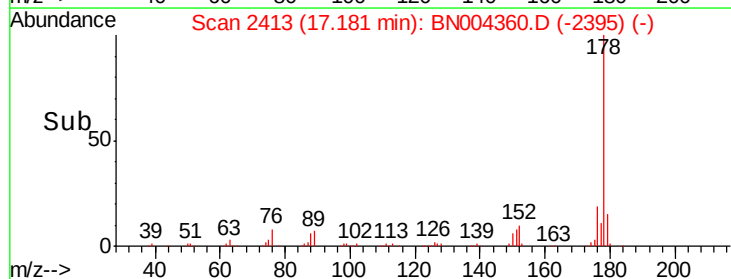
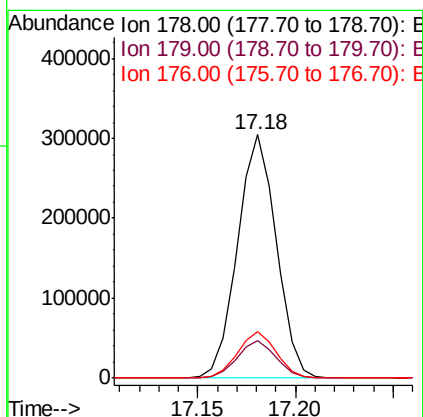
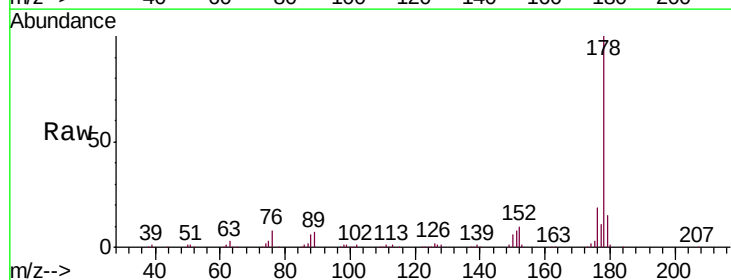
#70
Phenanthrene
Concen: 33.044 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

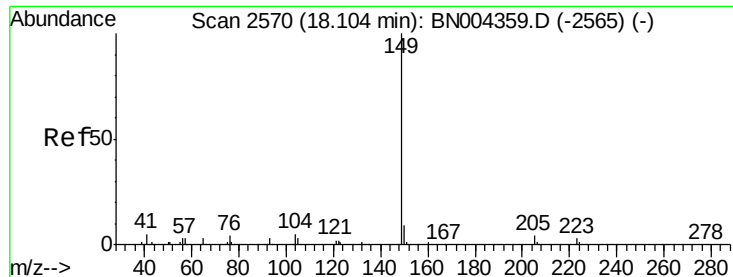
Tgt Ion:178 Resp: 419293
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.9 15.4 23.0



#72
Anthracene
Concen: 32.821 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.09 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

Tgt Ion:178 Resp: 419293
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.9 14.9 22.3





#76

Di-n-butylphthalate

Concen: 45.225 ng/ul

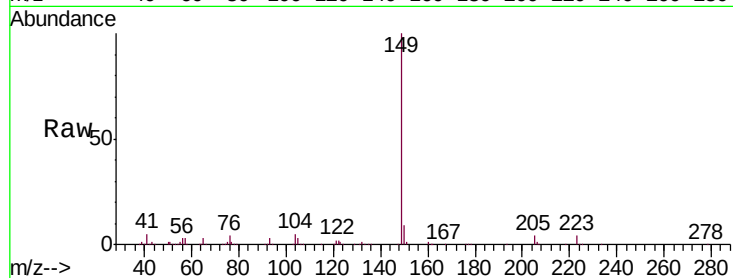
RT: 18.10 min Scan# 2570

Delta R.T. -0.00 min

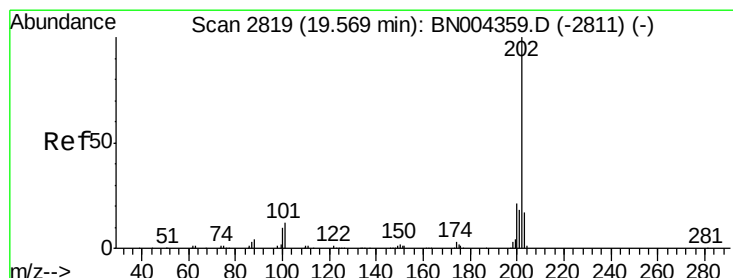
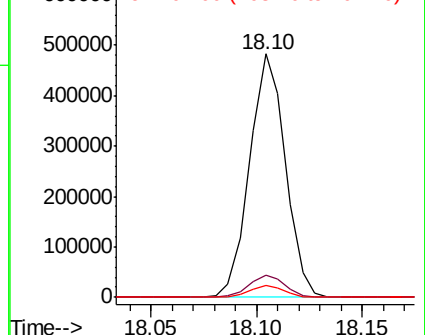
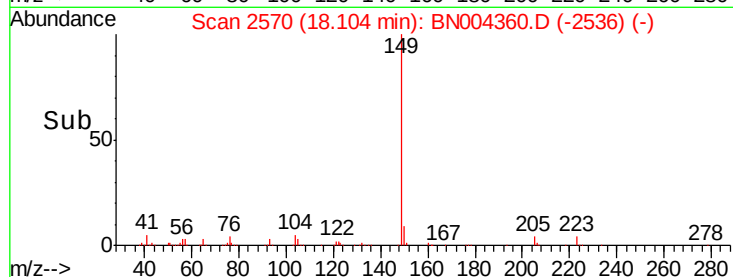
Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

Tgt Ion:	149	Resp:	566687
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.7	3.7	5.5



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



#80

Pyrene

Concen: 16.963 ng/ul

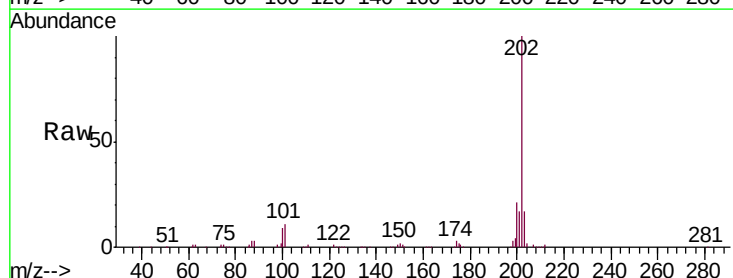
RT: 19.57 min Scan# 2819

Delta R.T. -0.00 min

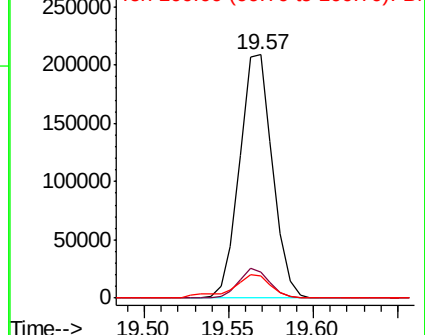
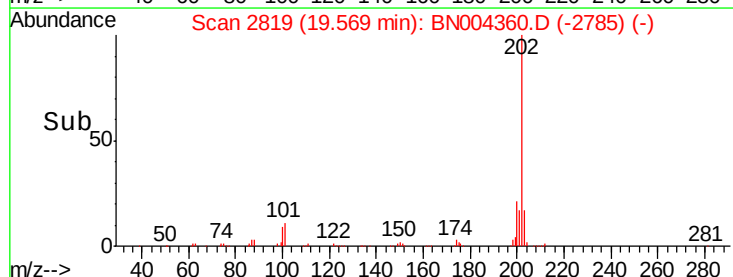
Lab File: BN004360.D

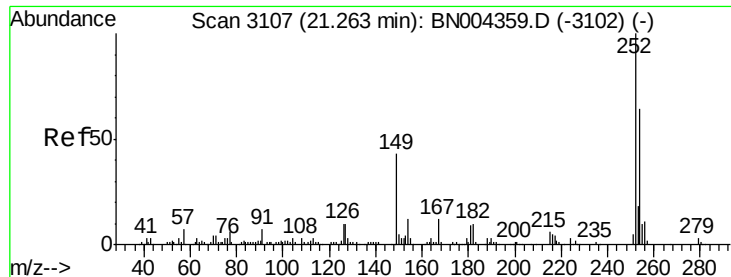
Acq: 08 Feb 2019 12:16

Tgt Ion:	202	Resp:	282967
Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.2	13.8
100	9.0	7.5	11.3



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





#82

3,3'-Dichlorobenzidine

Concen: 3.422 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

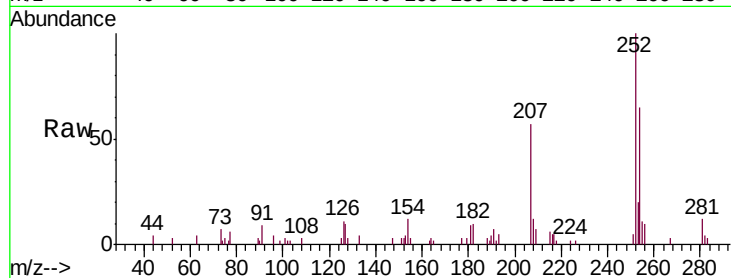
Tgt Ion:252 Resp: 21648

Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

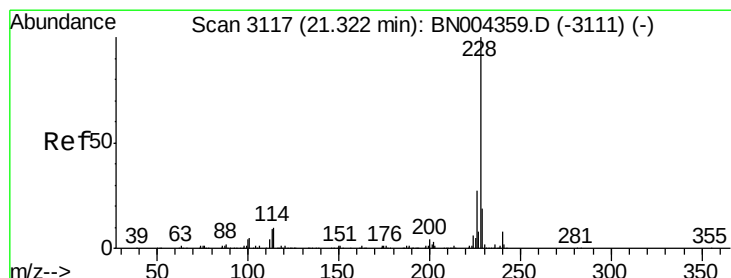
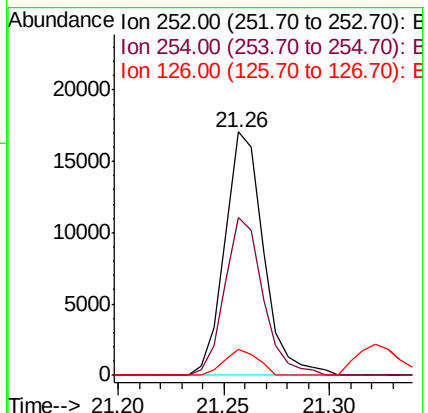
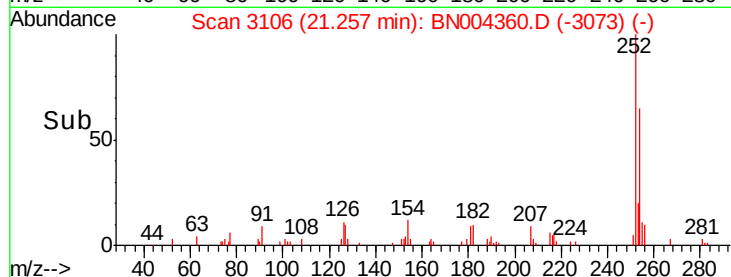
126 10.8 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 40.674 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

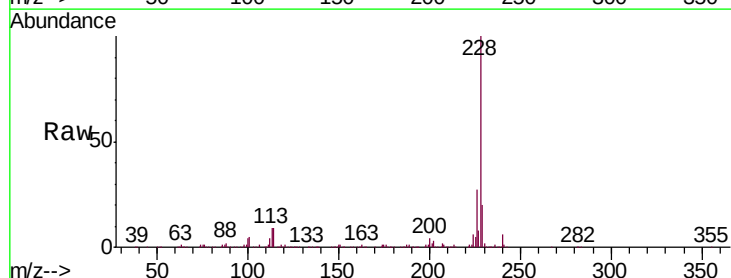
Tgt Ion:228 Resp: 756160

Ion Ratio Lower Upper

228 100

229 19.9 15.4 23.2

226 27.4 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

