

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020819\
 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 18 13:17:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 09 05:34:31 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

					Ovalue
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
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
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
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
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

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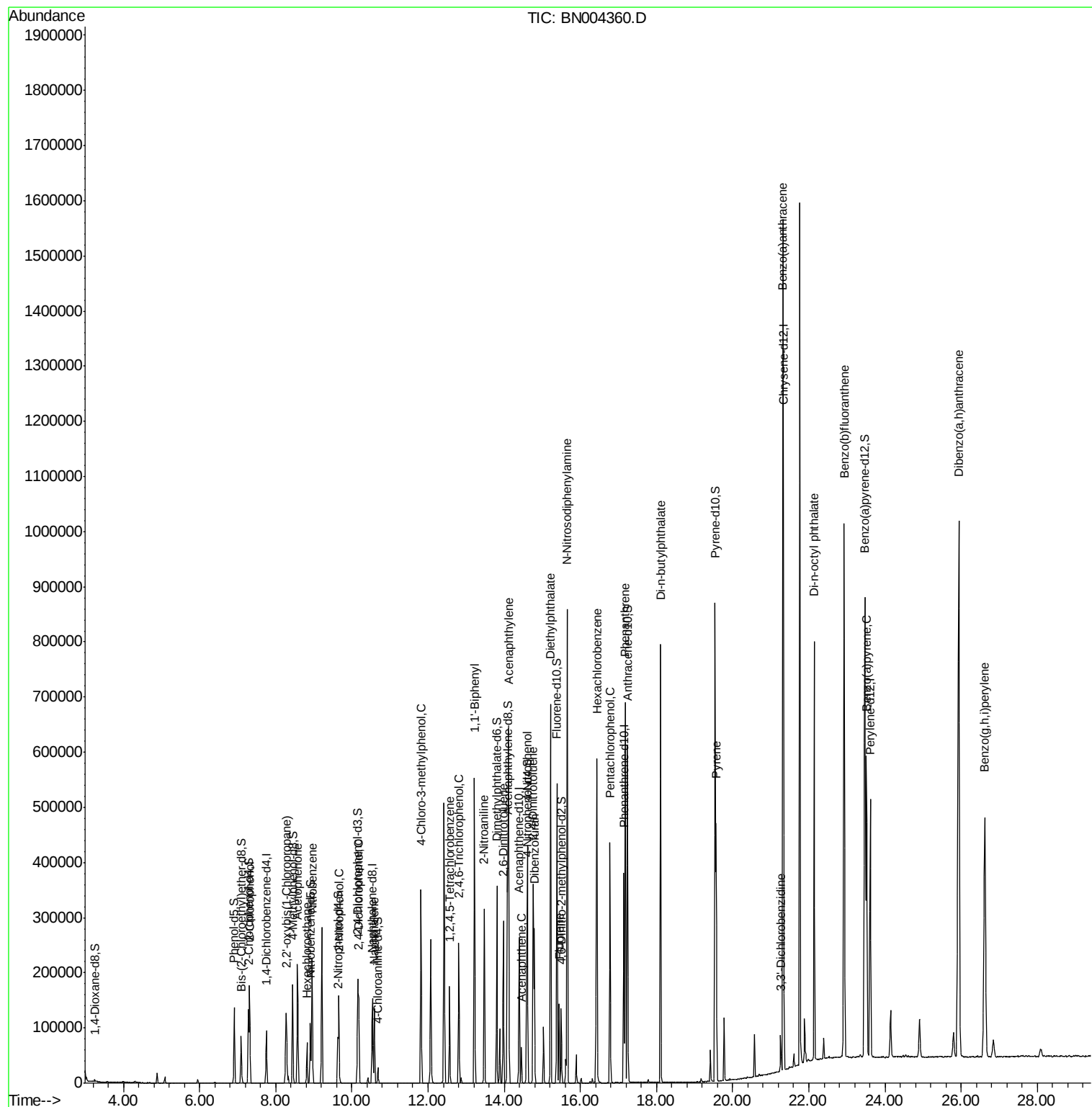
Quant Time: Feb 18 13:17:36 2019
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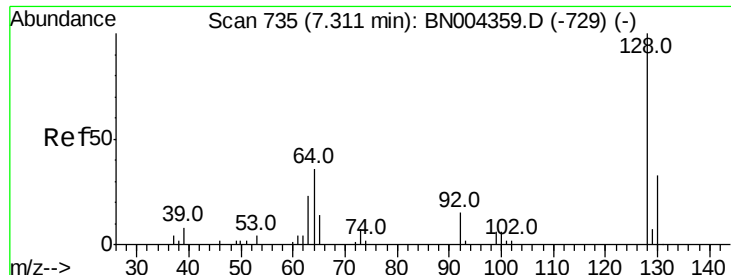
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Pentachlorophenol	16.78	266	78790	45.157	ng/ul	98
70) Phenanthrene	17.18	178	419293	33.044	ng/ul	100
76) Di-n-butylphthalate	18.10	149	566687	45.225	ng/ul	100
80) Pyrene	19.57	202	282967	16.963	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	21648	3.422	ng/ul	100
83) Benzo(a)anthracene	21.32	228	756160	40.674	ng/ul	99
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
91) Benzo(a)pyrene	23.52	252	411224	20.548	ng/ul	99
93) Dibenzo(a,h)anthracene	25.94	278	1058009	50.043	ng/ul	98
94) Benzo(a,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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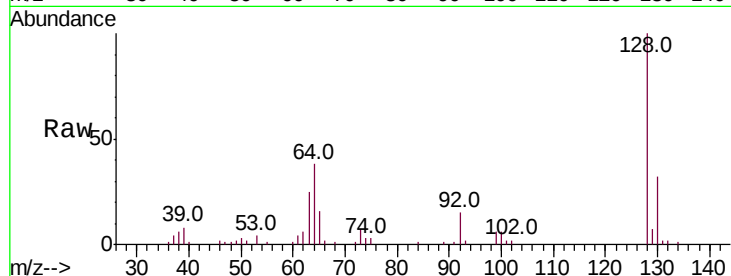
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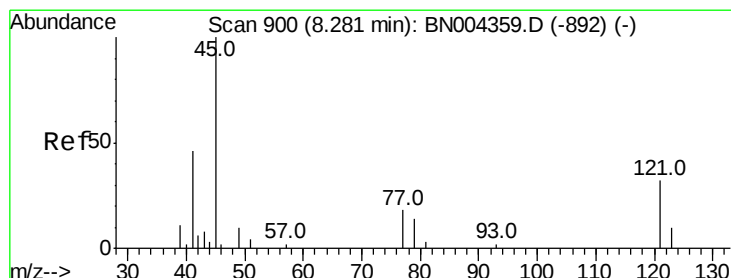
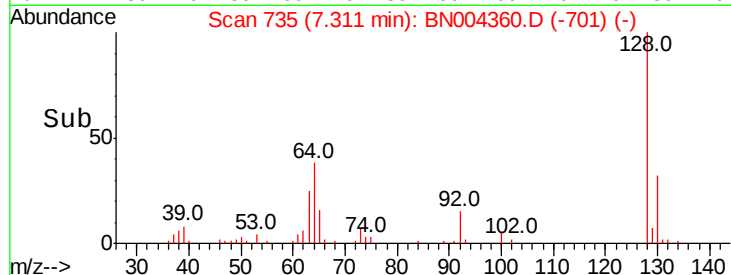
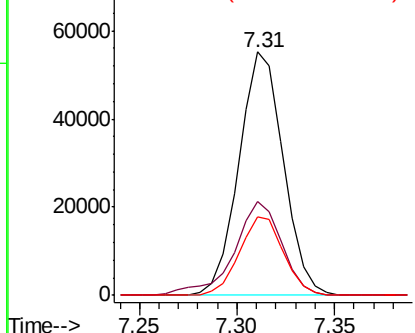


#10
 2-Chlorophenol
 Concen: 42.801 ng/ul
 RT: 7.31 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tot Ion: 128 Resp: 87316
 Ion Ratio Lower Upper
 128 100
 64 38.5 31.0 46.6
 130 32.5 26.1 39.1

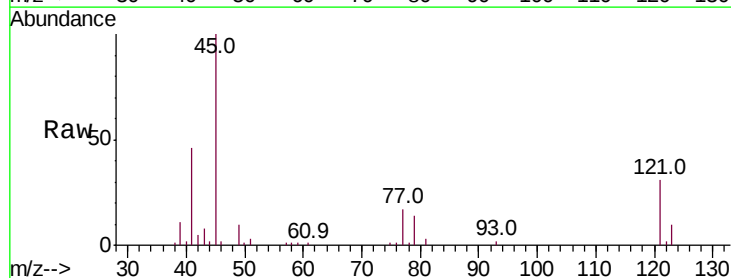


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 130.00 (129.70 to 130.70): E

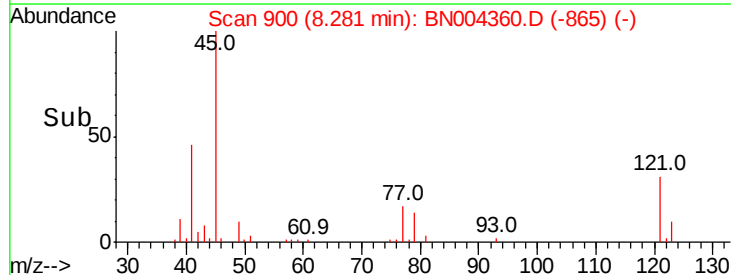
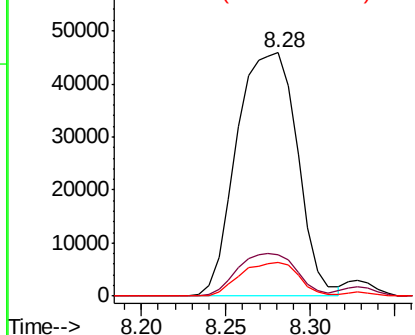


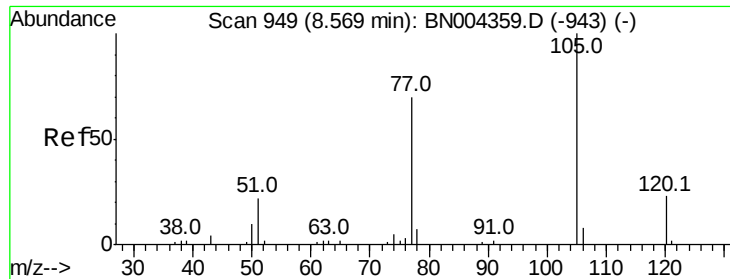
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 53.616 ng/ul
 RT: 8.28 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

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): BNC
 Ion 77.00 (76.70 to 77.70): BNC
 Ion 79.00 (78.70 to 79.70): BNC





#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

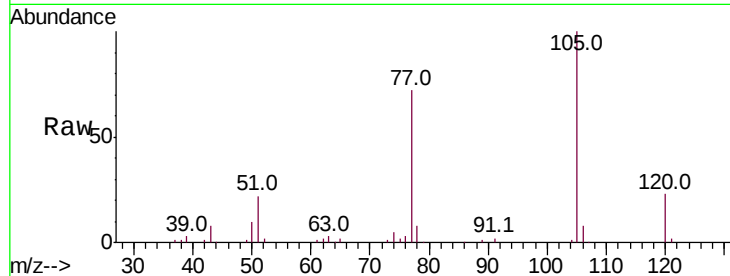
Tot Ion:105 Resp: 123411

Ion Ratio Lower Upper

105 100

77 71.8 56.1 84.1

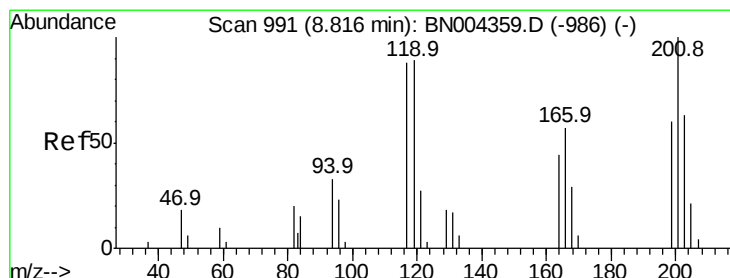
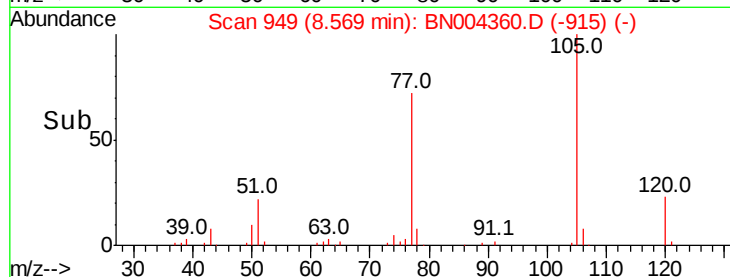
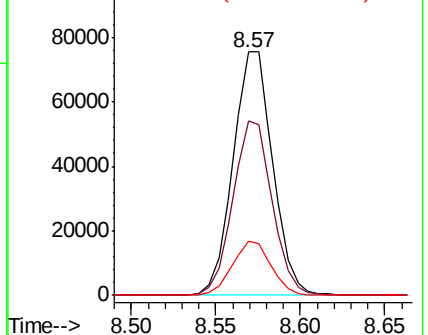
51 22.0 17.2 25.8



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

Ion 51.00 (50.70 to 51.70): BNO



#17

Hexachloroethane

Concen: 19.353 ng/ul

RT: 8.82 min Scan# 992

Delta R.T. 0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

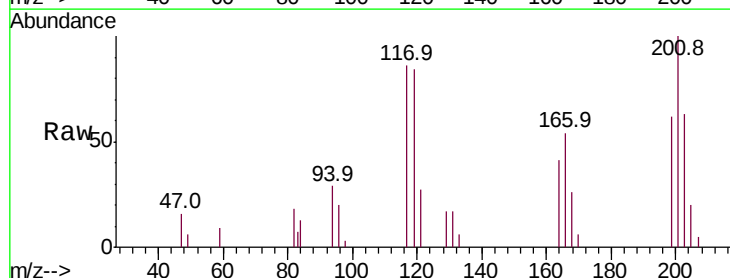
Tgt Ion:117 Resp: 13823

Ion Ratio Lower Upper

117 100

201 116.6 85.0 127.6

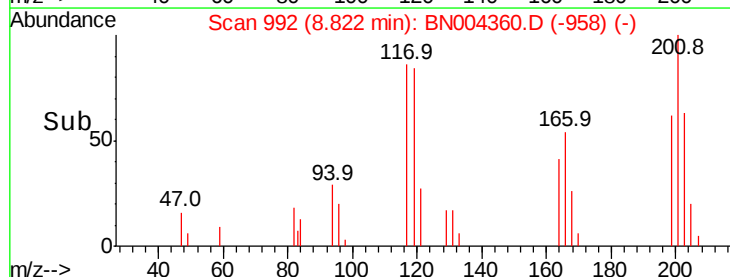
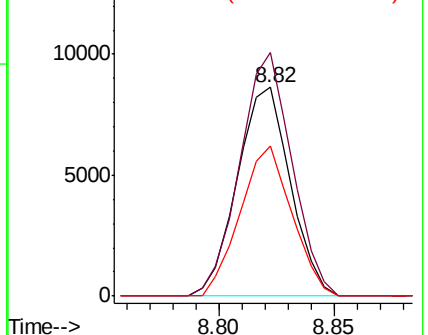
199 71.7 53.8 80.8

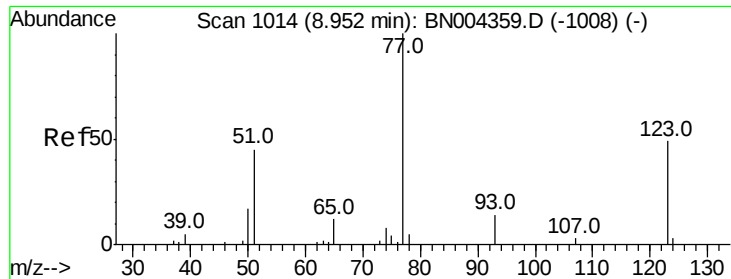


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

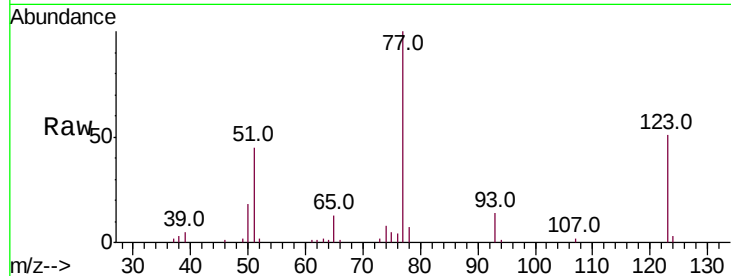
Ion 199.00 (198.70 to 199.70): E



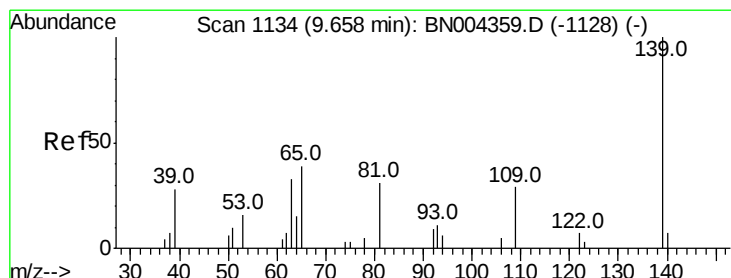
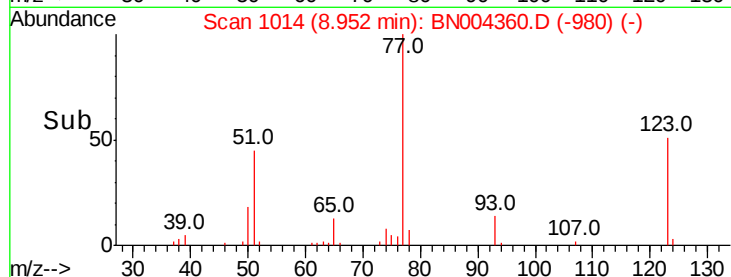
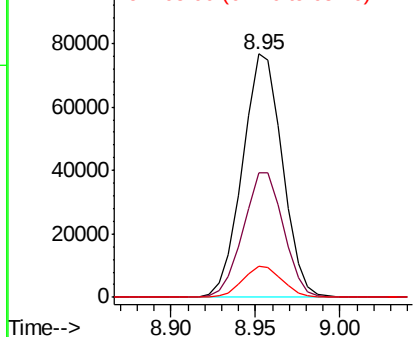


#20
Nitrobenzene
Concen: 63.216 ng/ul
RT: 8.95 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

Tot Ion: 77 Resp: 126138
Ion Ratio Lower Upper
77 100
123 51.4 41.6 62.4
65 12.6 10.2 15.4

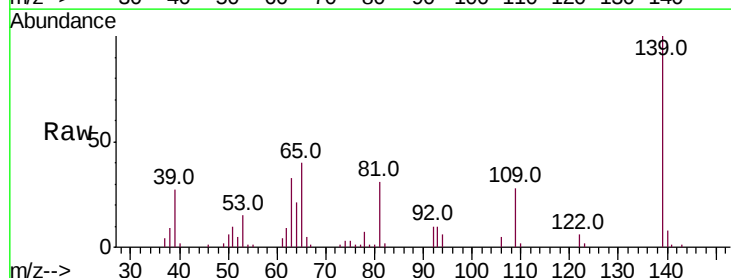


Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): BN0
Ion 65.00 (64.70 to 65.70): BN0

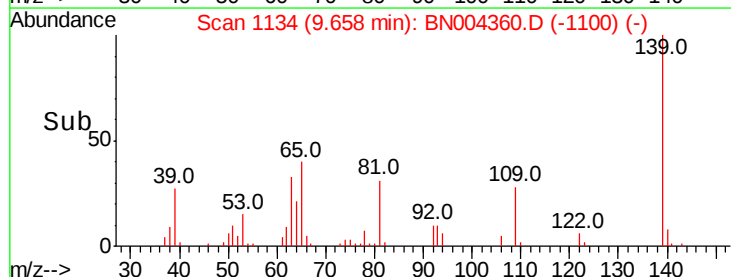
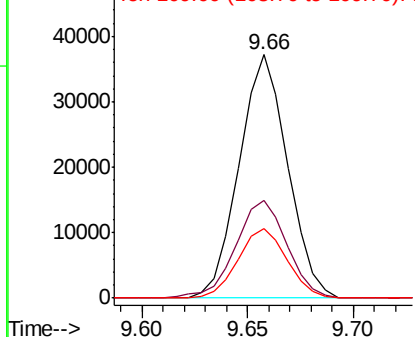


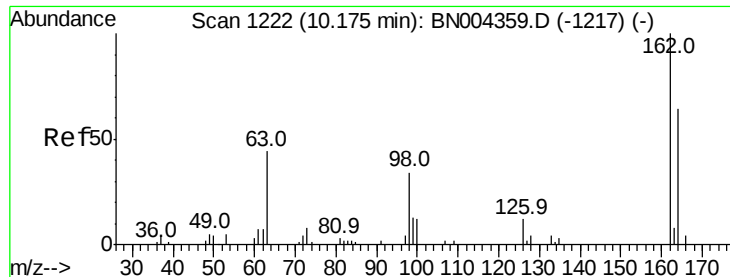
#23
2-Nitrophenol
Concen: 55.383 ng/ul
RT: 9.66 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

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



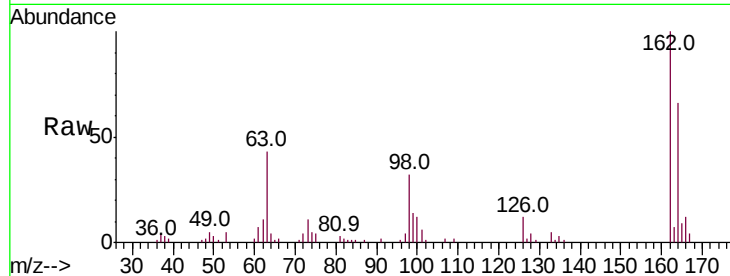
Abundance Ion 139.00 (138.70 to 139.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 109.00 (108.70 to 109.70): BN0



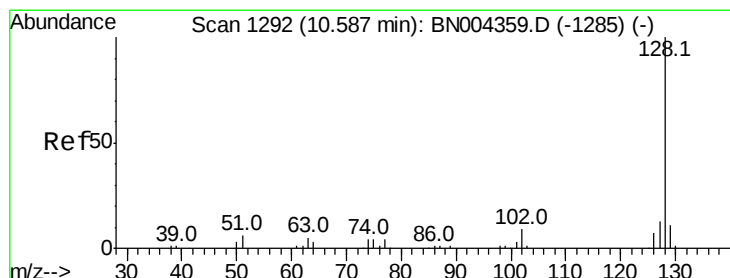
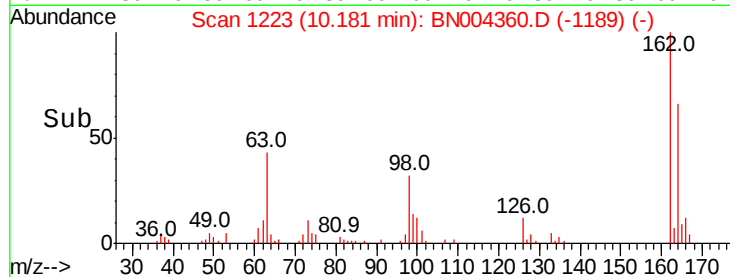
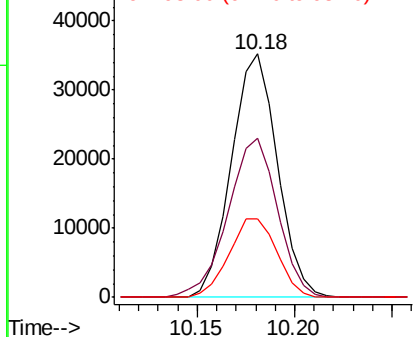


#27
 2,4-Dichlorophenol
 Concen: 26.999 ng/ul
 RT: 10.18 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

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

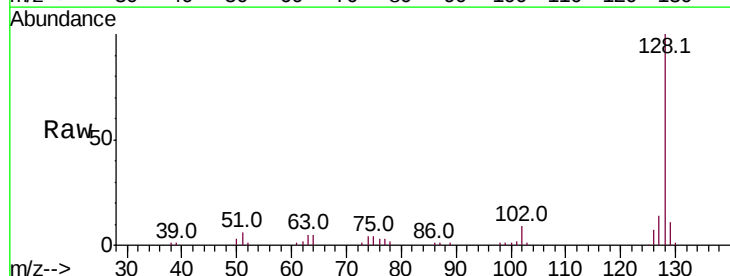


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

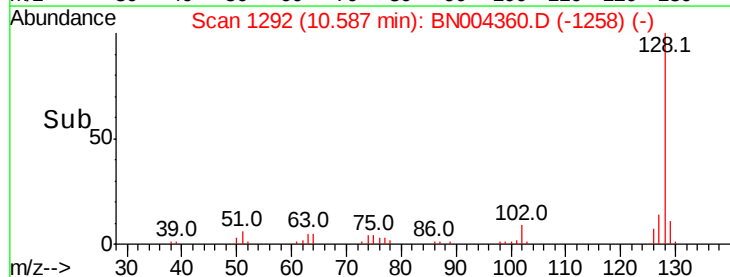
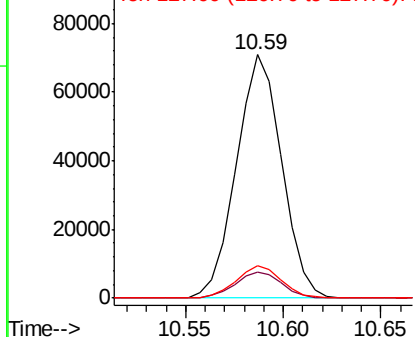


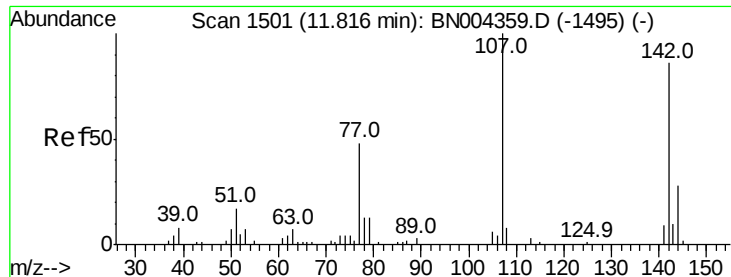
#28
 Naphthalene
 Concen: 16.052 ng/ul
 RT: 10.59 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

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



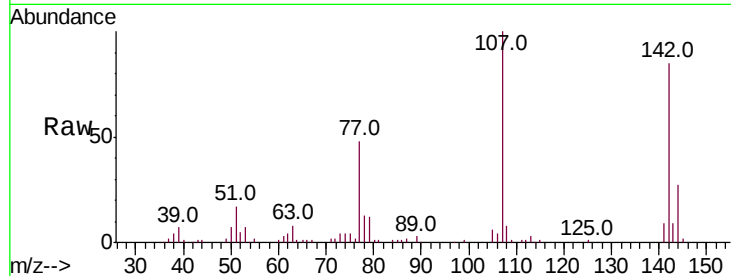
Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



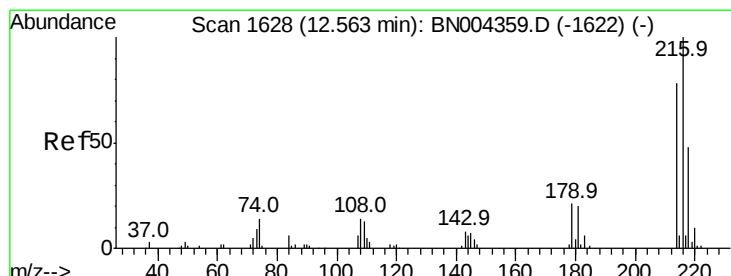
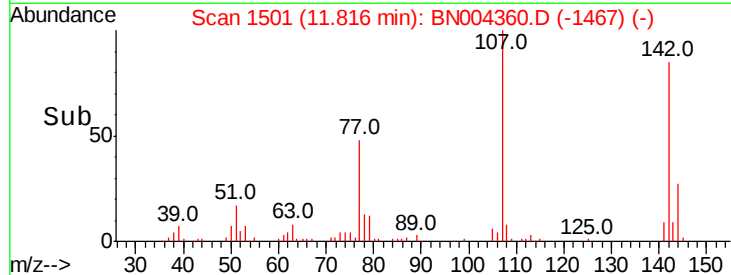
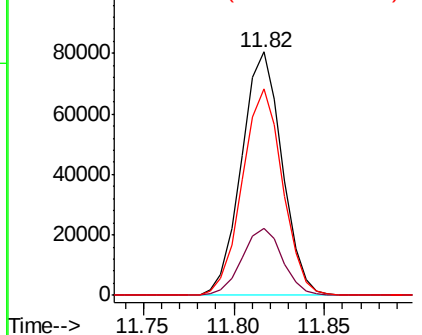


#33
 4-Chloro-3-methylphenol
 Concen: 54.517 ng/ul
 RT: 11.82 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tot Ion:107 Resp: 125301
 Ion Ratio Lower Upper
 107 100
 144 27.3 22.2 33.4
 142 84.6 67.4 101.0

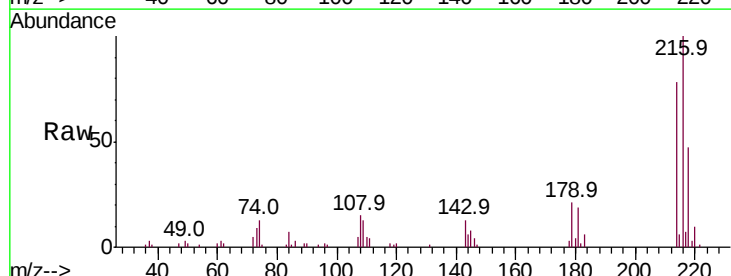


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

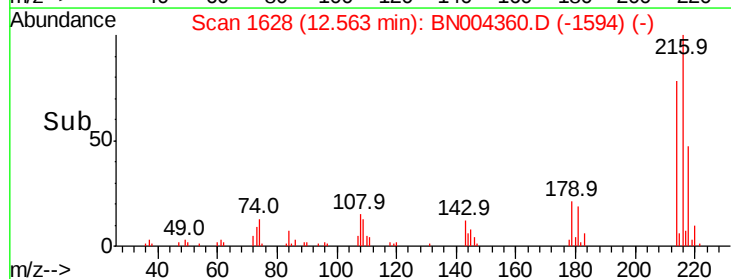
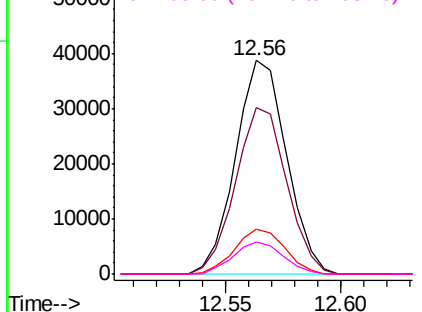


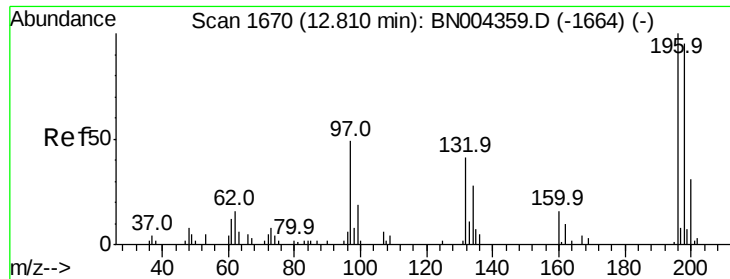
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.899 ng/ul
 RT: 12.56 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tgt Ion:216 Resp: 59716
 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



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

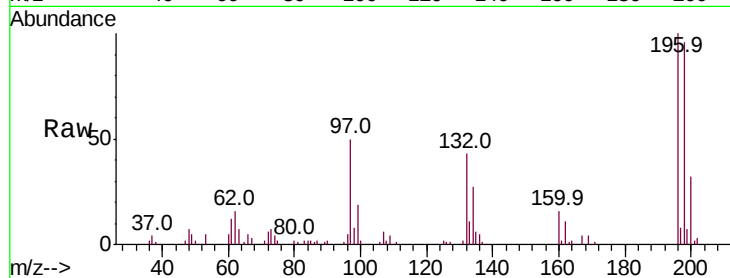




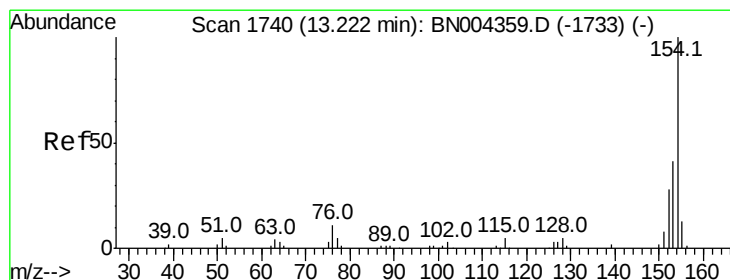
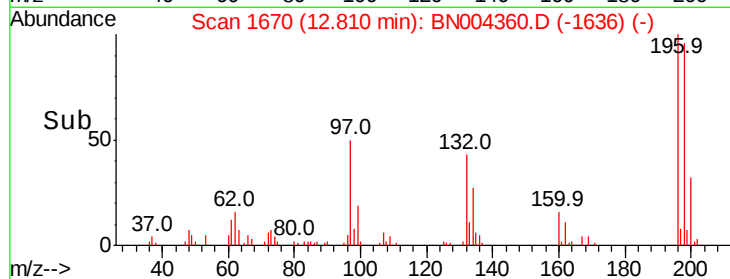
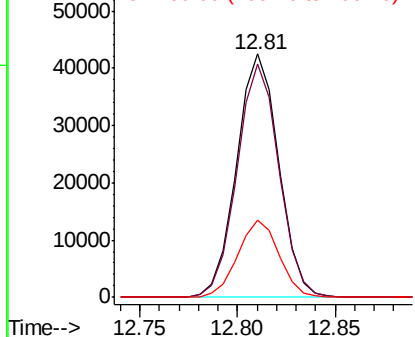
#39
 2,4,6-Trichlorophenol
 Concen: 35.742 ng/ul
 RT: 12.81 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tot Ion:196 Resp: 63377

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.6	115.0
200	31.7	24.5	36.7



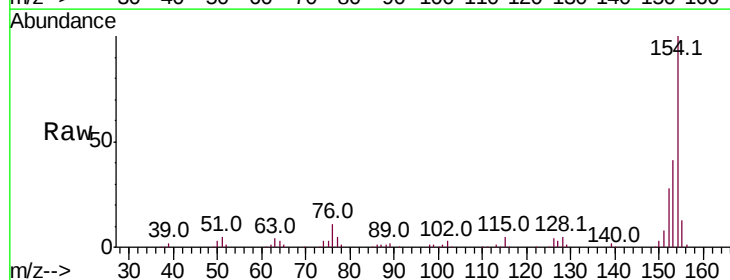
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



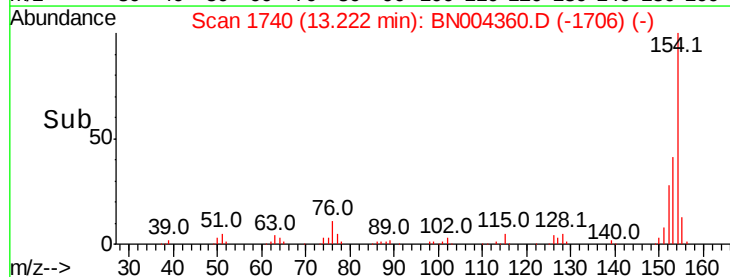
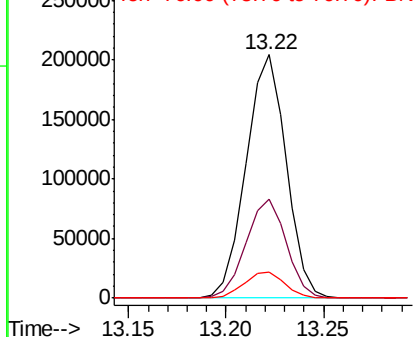
#41
 1,1'-Biphenyl
 Concen: 39.939 ng/ul
 RT: 13.22 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

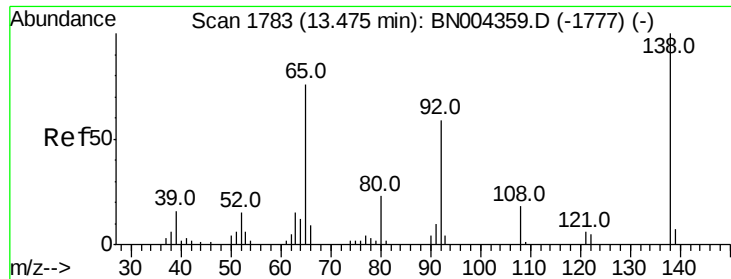
Tgt Ion:154 Resp: 290919

Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.6	48.8
76	10.9	9.2	13.8



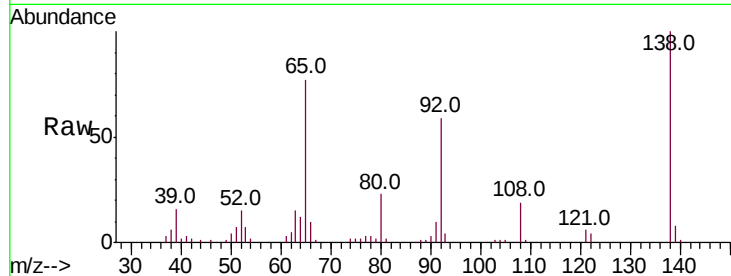
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC



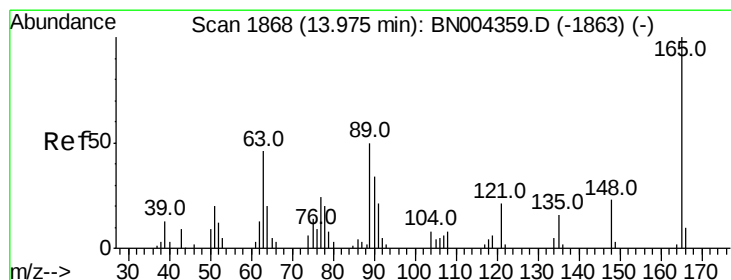
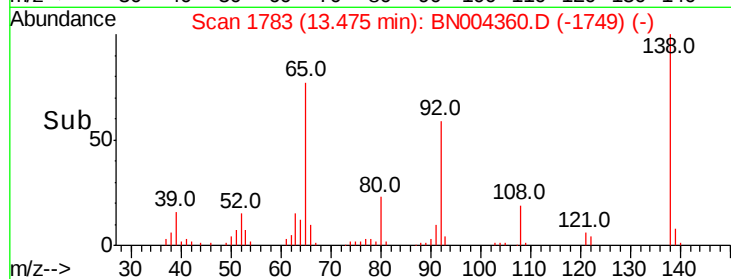
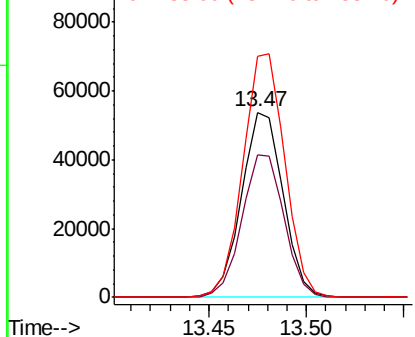


#43
2-Nitroaniline
Concen: 68.646 ng/ul
RT: 13.47 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

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

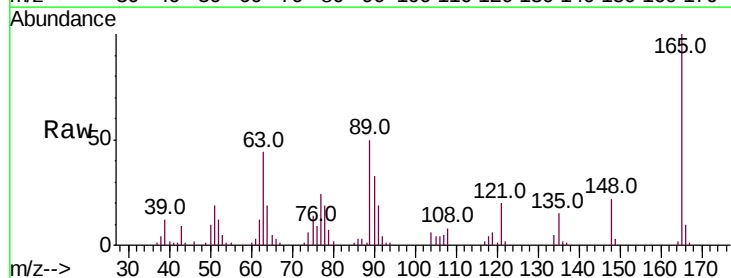


Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): E

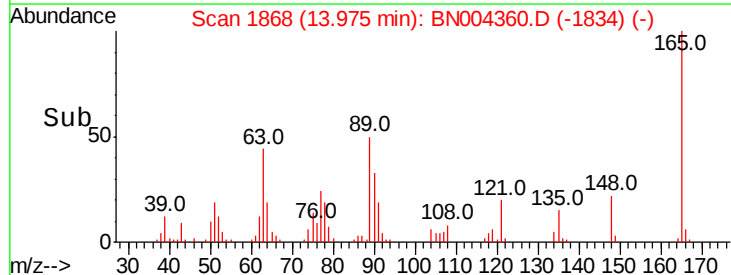
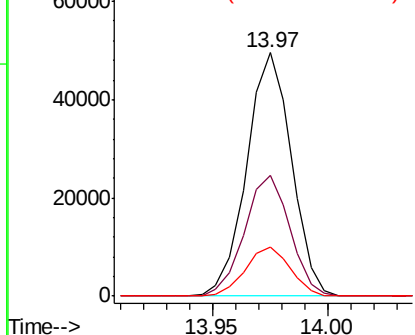


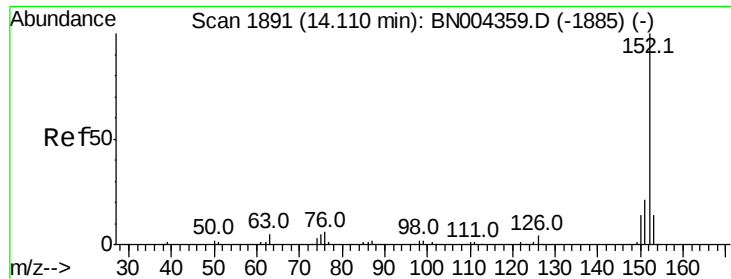
#46
2,6-Dinitrotoluene
Concen: 50.258 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

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



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BN0
Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 56.118 ng/ul

RT: 14.11 min Scan# 1891

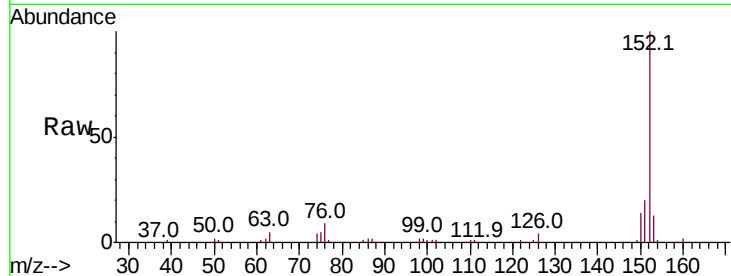
Delta R.T. 0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

Tot Ion:152 Resp: 482637

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.5	10.6	16.0

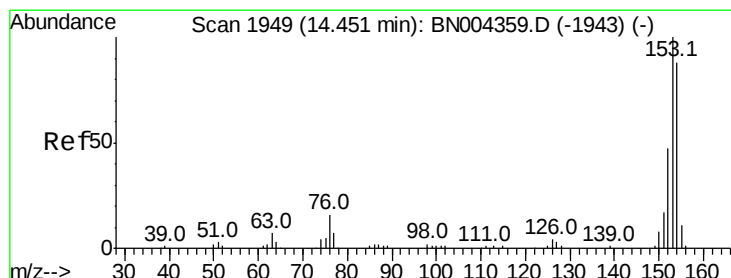
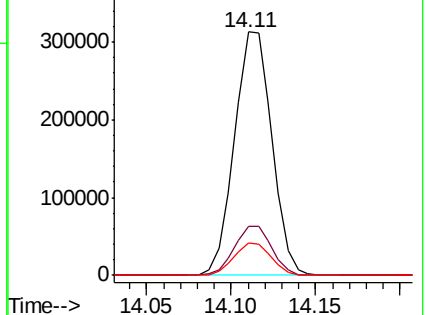
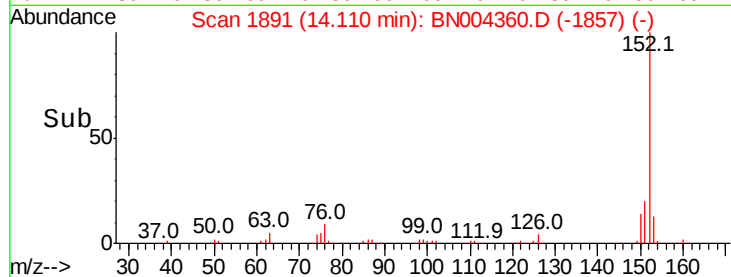


Abundance

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

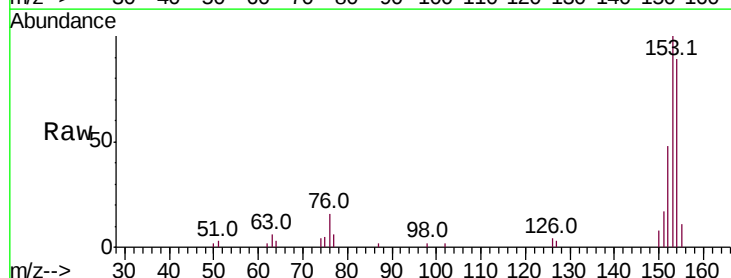
Delta R.T. 0.00 min

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

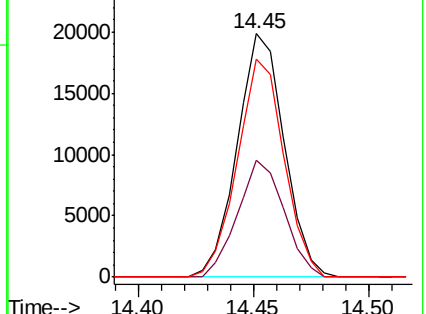
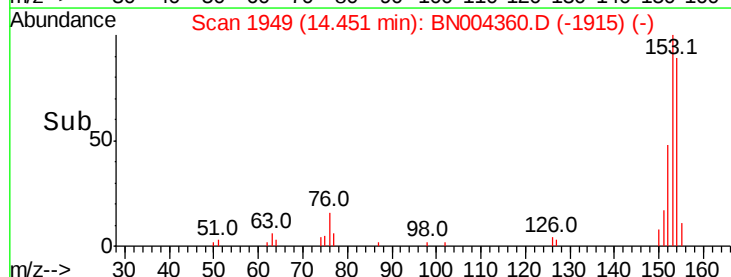


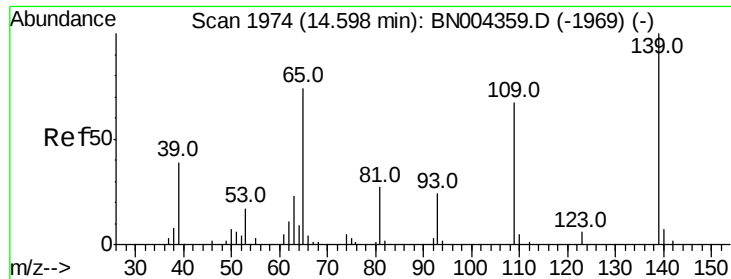
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

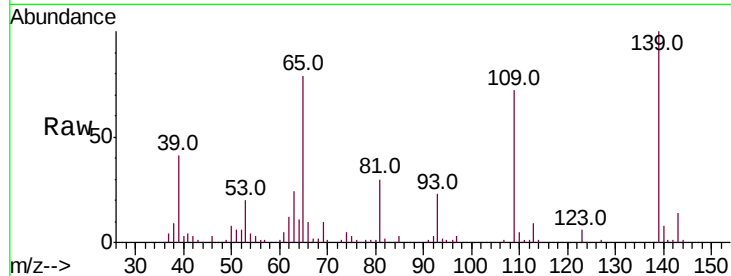
Ion 154.00 (153.70 to 154.70): E



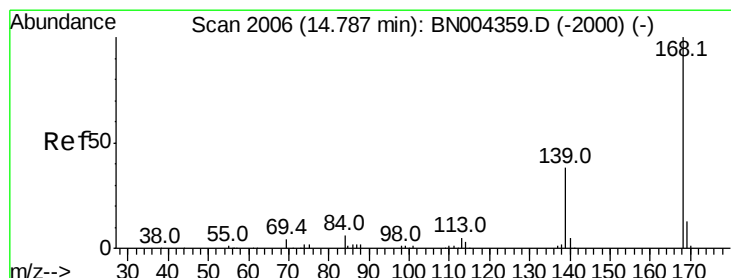
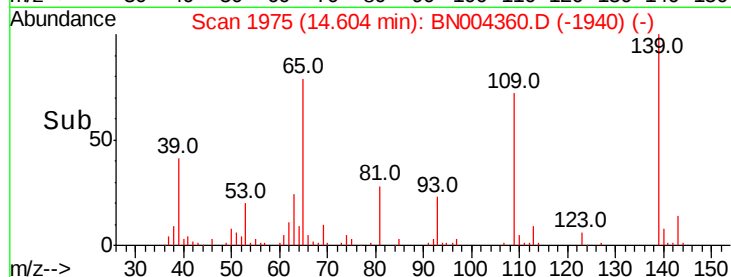
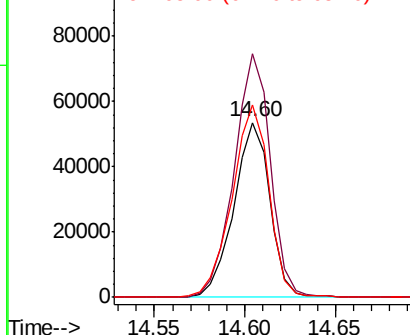


#53
4-Nitrophenol
Concen: 68.161 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

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

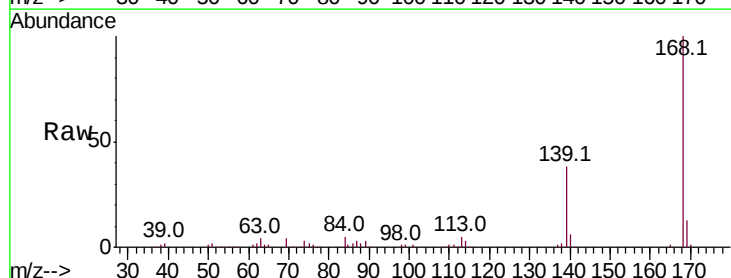


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO

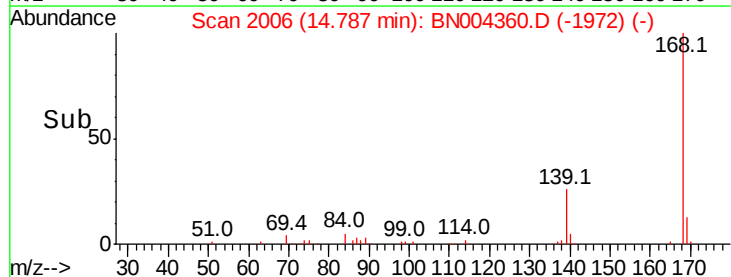
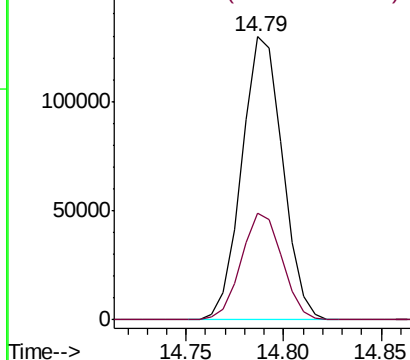


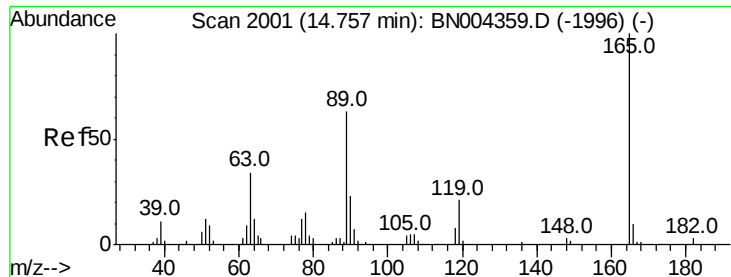
#54
Dibenzofuran
Concen: 20.968 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

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



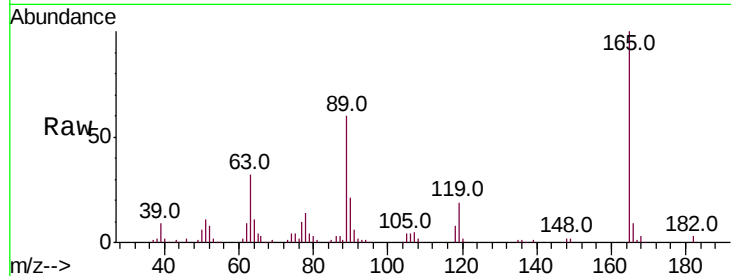
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E



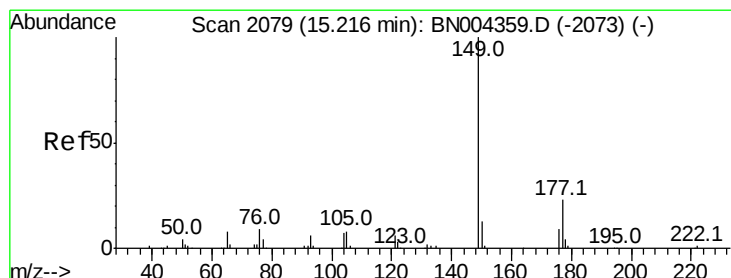
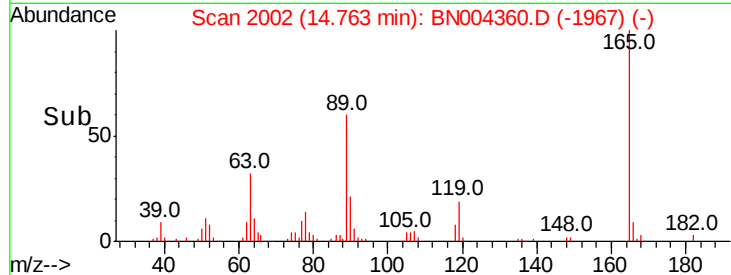
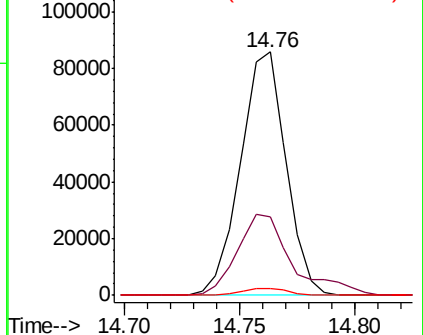


#55
2,4-Dinitrotoluene
Concen: 56.537 ng/ul
RT: 14.76 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

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

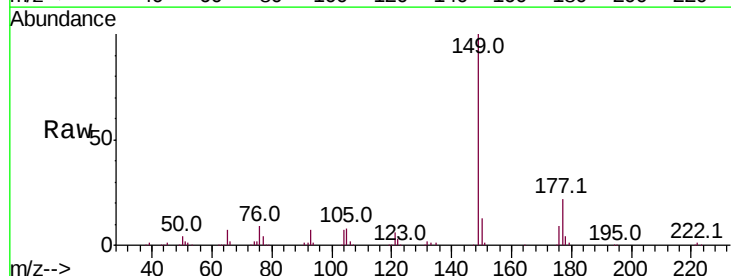


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 182.00 (181.70 to 182.70): E

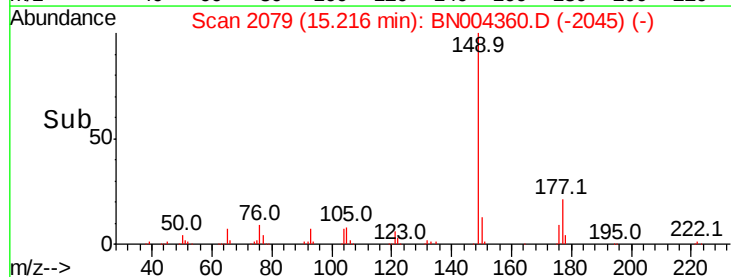
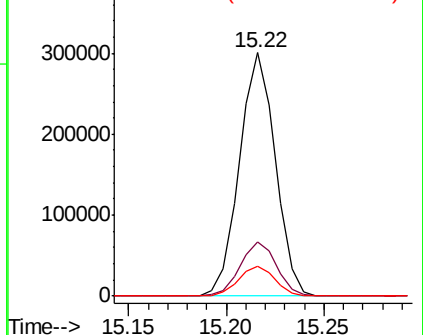


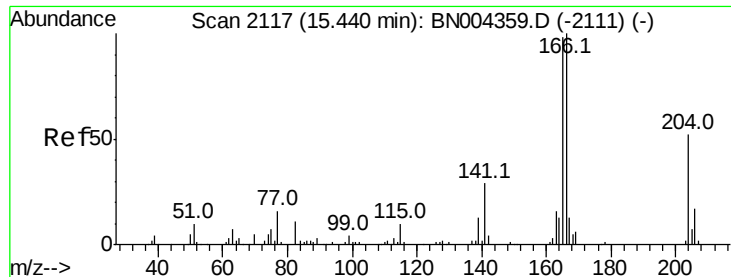
#57
Diethylphthalate
Concen: 51.316 ng/ul
RT: 15.22 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

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

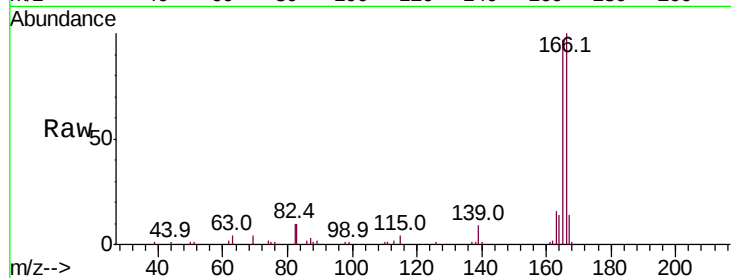
Tot Ion:166 Resp: 63299

Ion Ratio Lower Upper

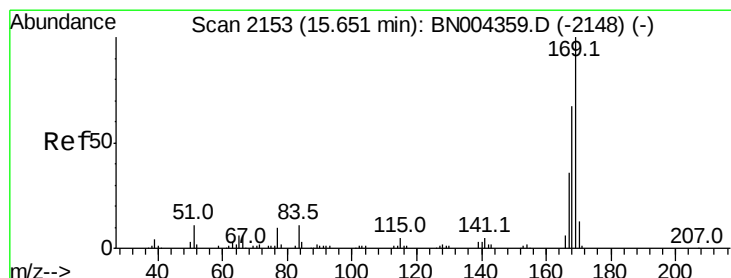
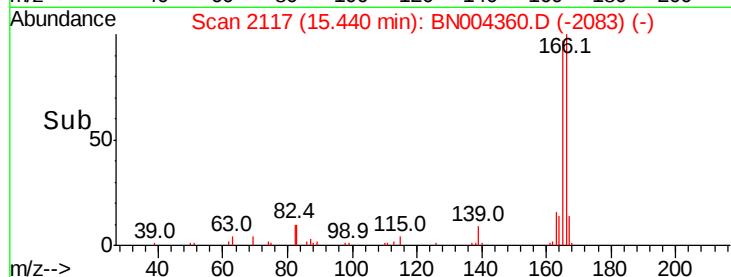
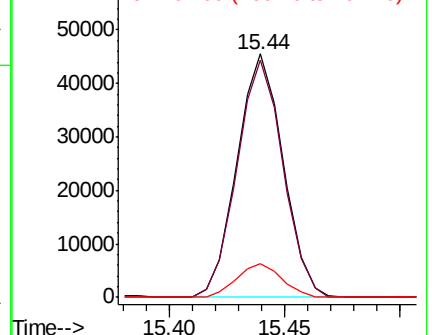
166 100

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

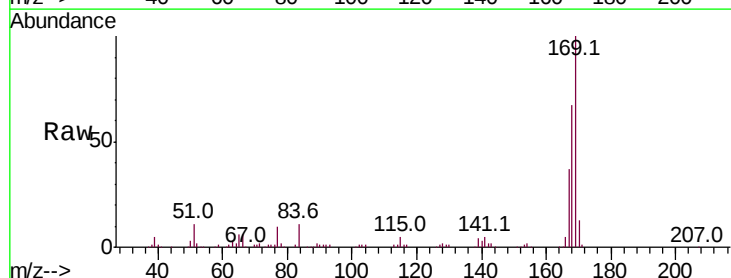
Tgt Ion:169 Resp: 337420

Ion Ratio Lower Upper

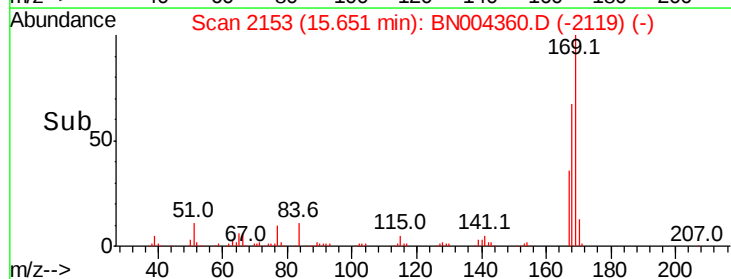
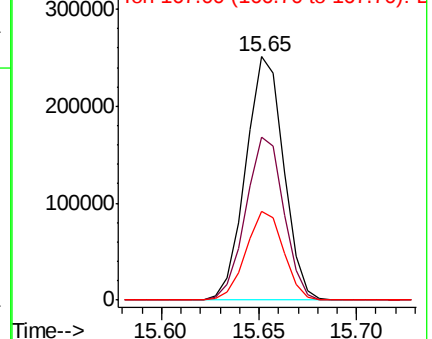
169 100

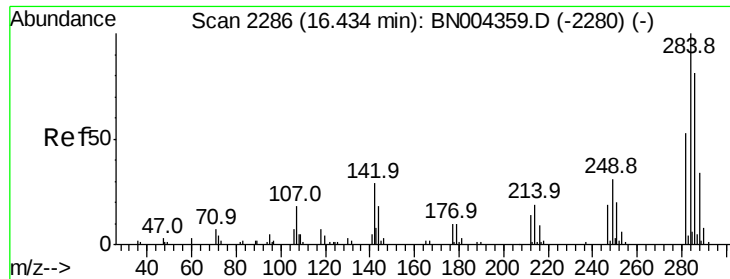
168 66.8 53.8 80.6

167 36.6 29.0 43.4



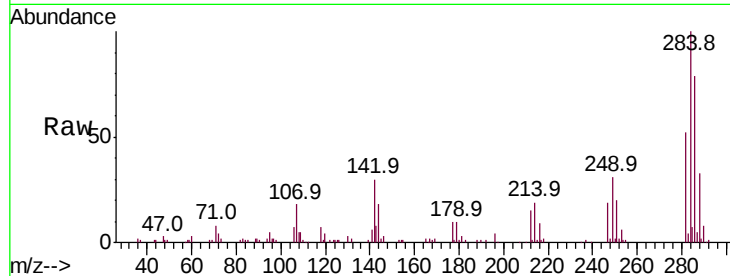
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



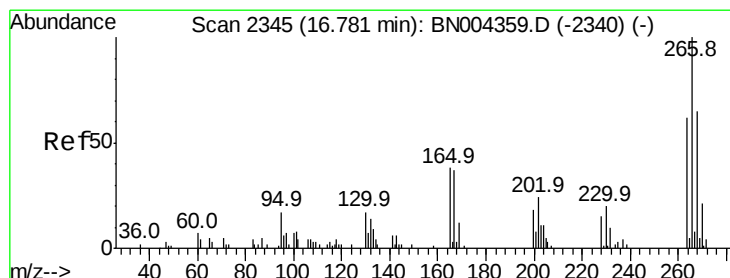
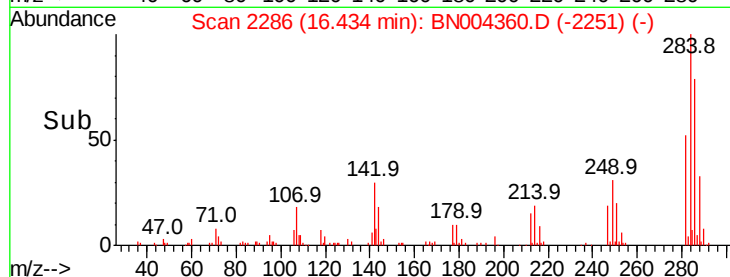
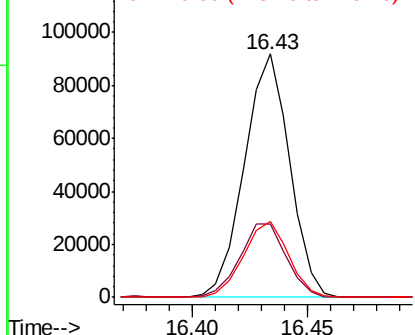


#67
Hexachlorobenzene
Concen: 41.965 ng/ul
RT: 16.43 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.3	24.5	36.7
249	31.0	25.0	37.6

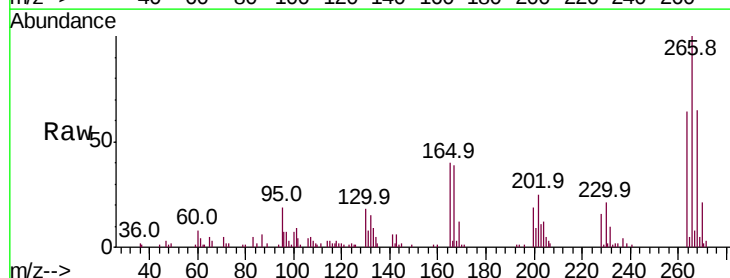


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

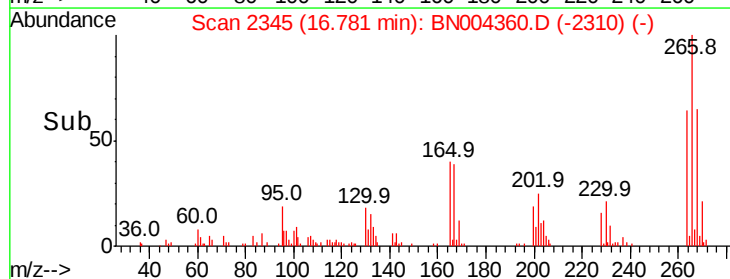
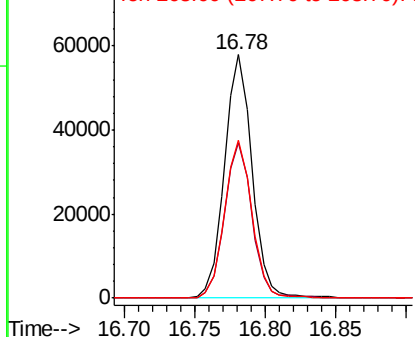


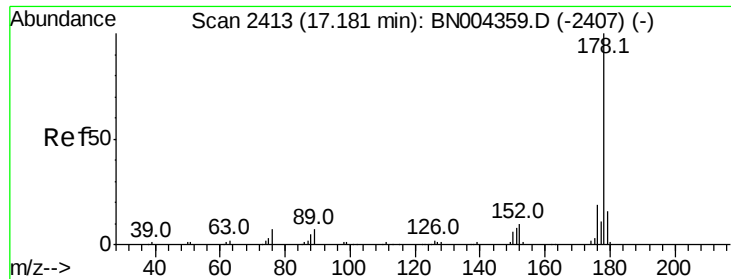
#69
Pentachlorophenol
Concen: 45.157 ng/ul
RT: 16.78 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.3	75.5
268	65.1	49.6	74.4



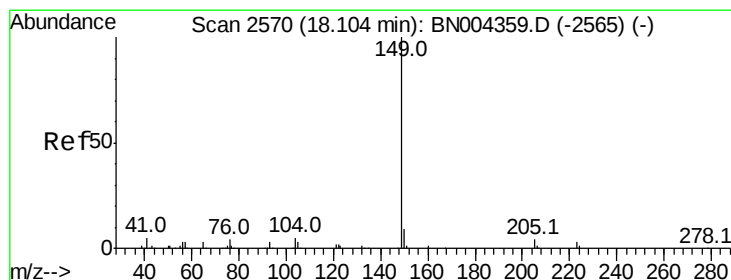
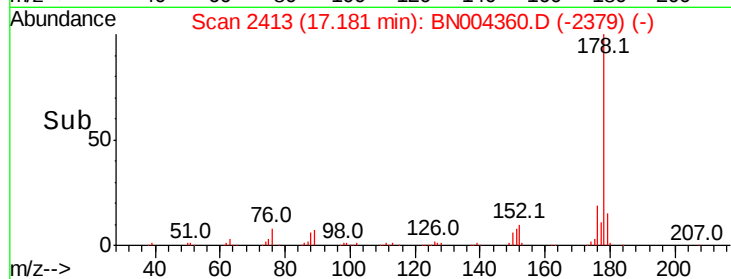
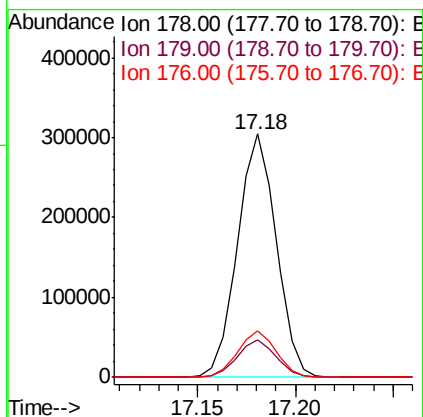
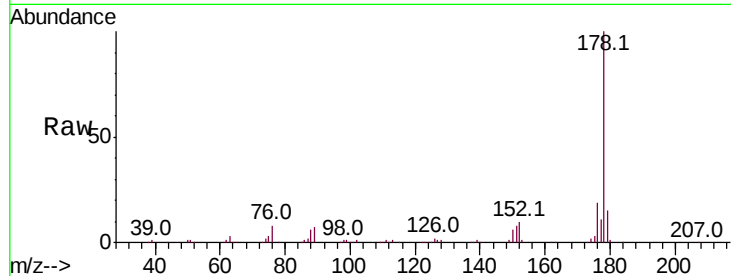
Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





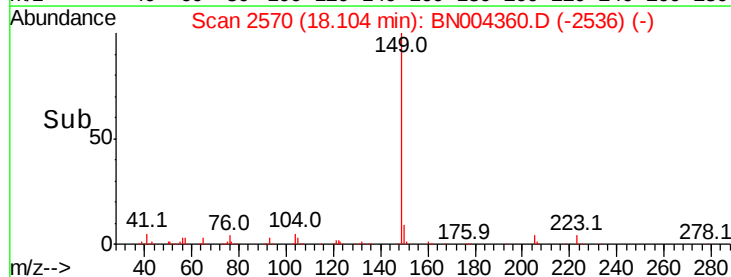
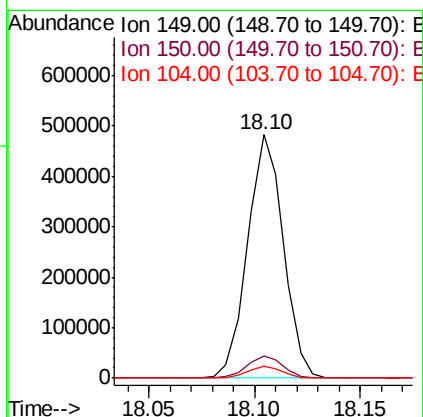
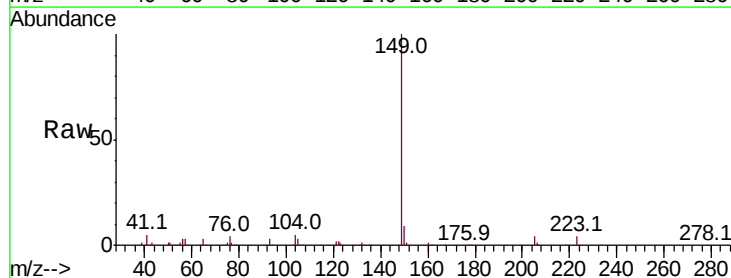
#70
Phenanthrene
Concen: 33.044 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

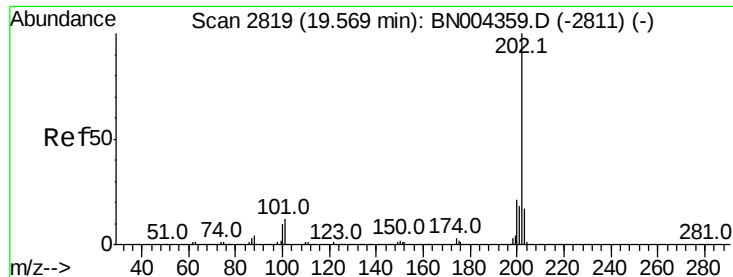
Tot Ion:178 Resp: 419293
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.9 15.4 23.0



#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

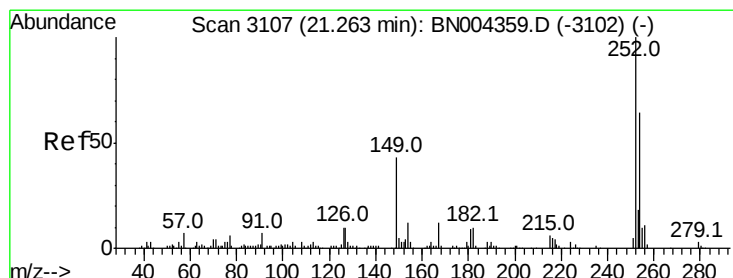
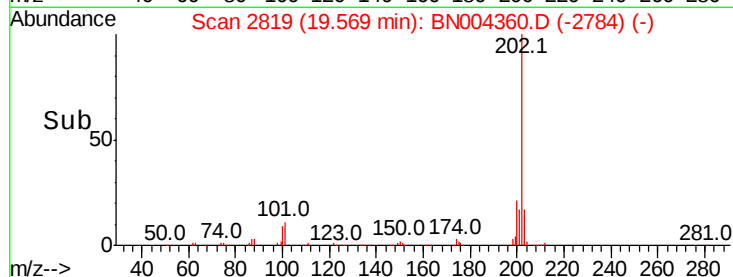
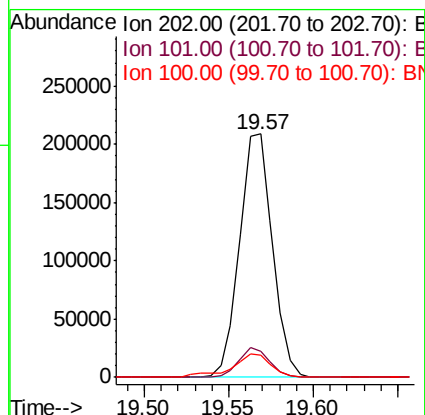
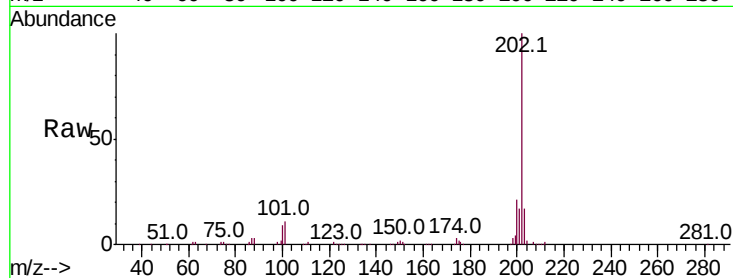
Tgt Ion:149 Resp: 566687
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.7 3.7 5.5





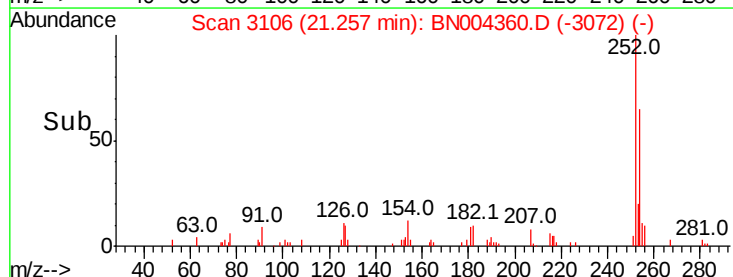
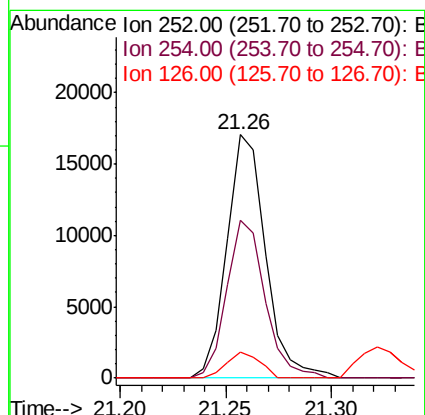
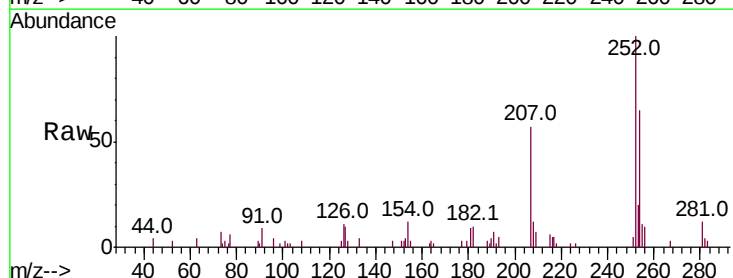
#80
Pvrene
Concen: 16.963 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. 0.01 min
Lab File: BN004360.D
Acq: 08 Feb 2019 12:16

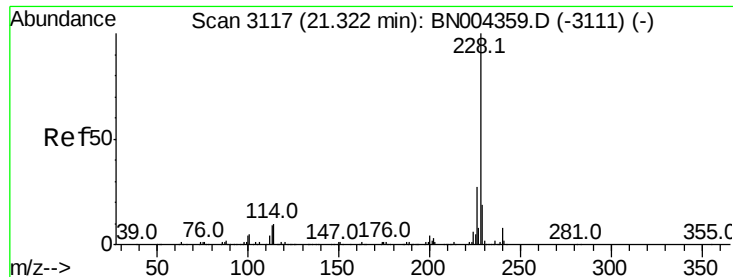
Tot Ion:	202	Resp:	282967
Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.2	13.8
100	9.0	7.5	11.3



#82
3,3'-Dichlorobenzidine
Concen: 3.422 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 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





#83

Benzo(a)anthracene

Concen: 40.674 ng/ul

RT: 21.32 min Scan# 3117

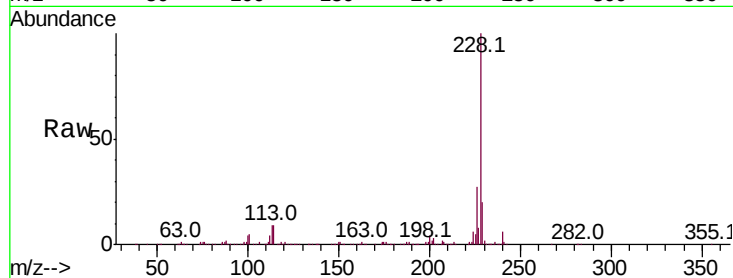
Delta R.T. 0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

Tot Ion:228 Resp: 756160

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.2
226	27.4	21.4	32.2

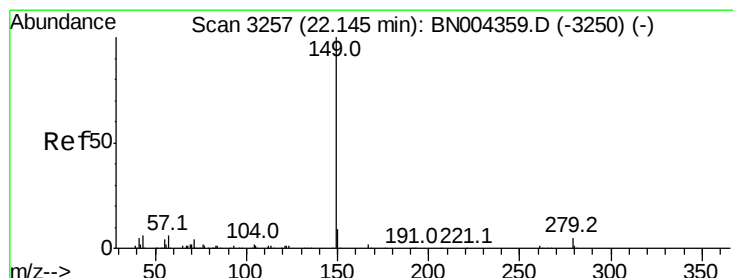
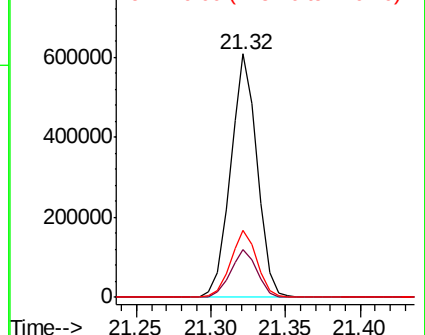
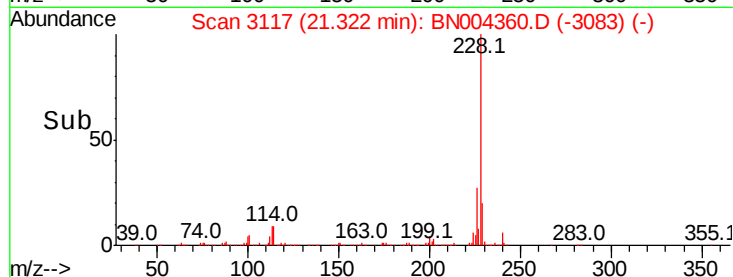


Abundance

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



#87

Di-n-octyl phthalate

Concen: 31.558 ng/ul

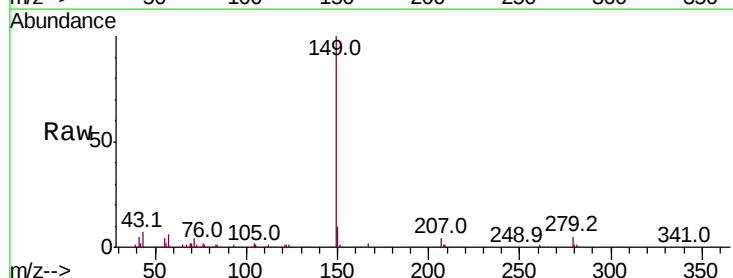
RT: 22.14 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BN004360.D

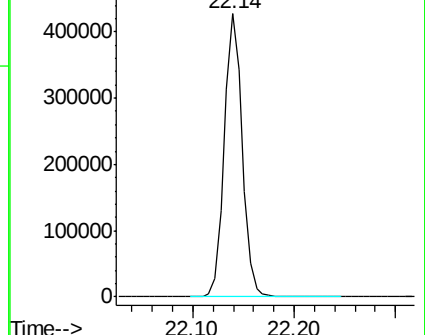
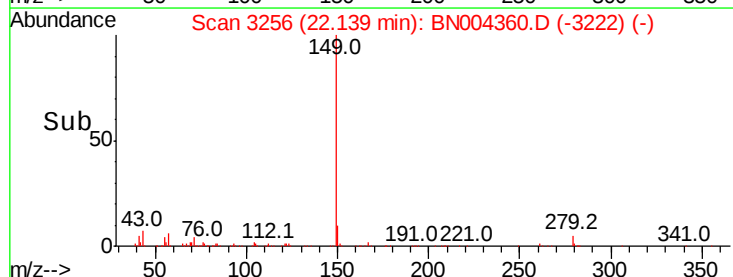
Acq: 08 Feb 2019 12:16

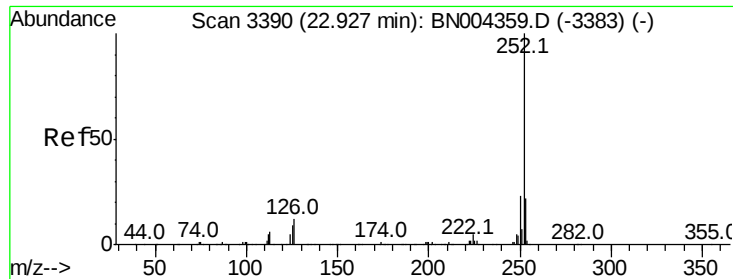
Tgt Ion:149 Resp: 523266



Abundance

Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 33.554 ng/ul

RT: 22.93 min Scan# 3390

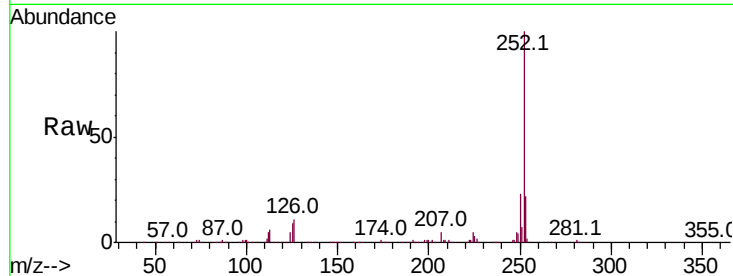
Delta R.T. 0.01 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

Tot Ion:252 Resp: 688189

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	8.9	7.4	11.2

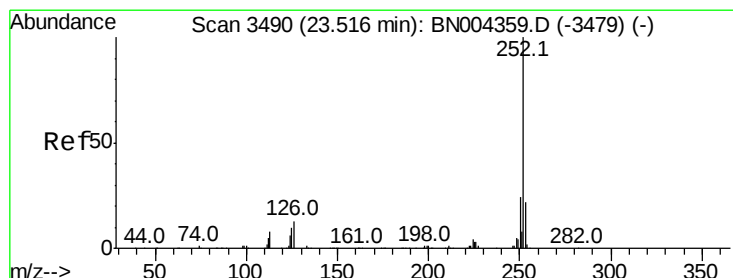
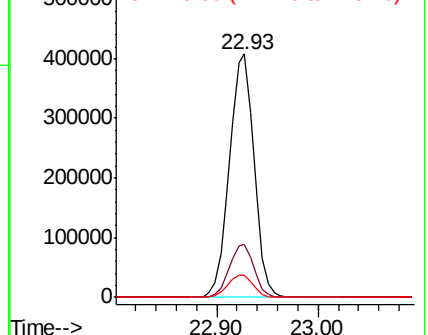
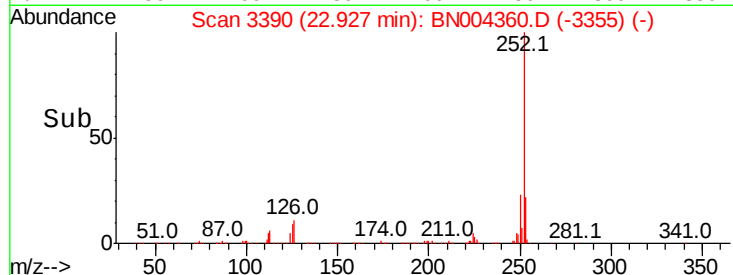


Abundance

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

Benzo(a)pyrene

Concen: 20.548 ng/ul

RT: 23.52 min Scan# 3490

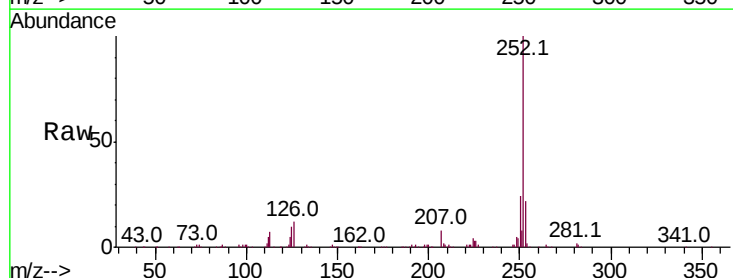
Delta R.T. 0.00 min

Lab File: BN004360.D

Acq: 08 Feb 2019 12:16

Tgt Ion:252 Resp: 411224

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.7	8.4	12.6

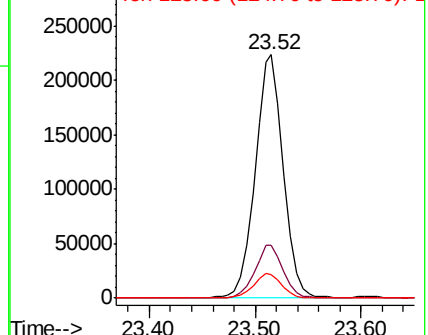
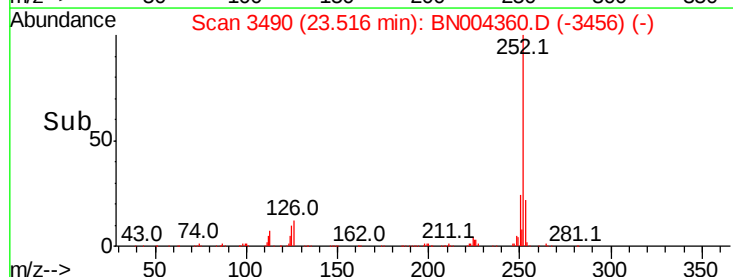


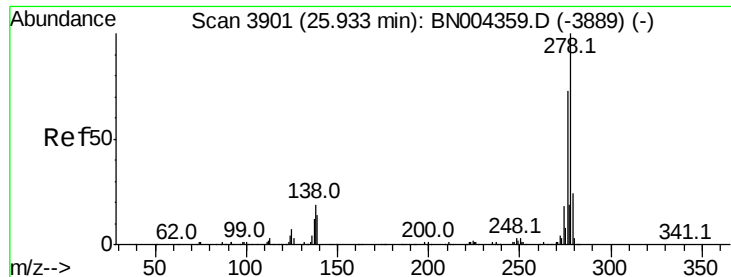
Abundance

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

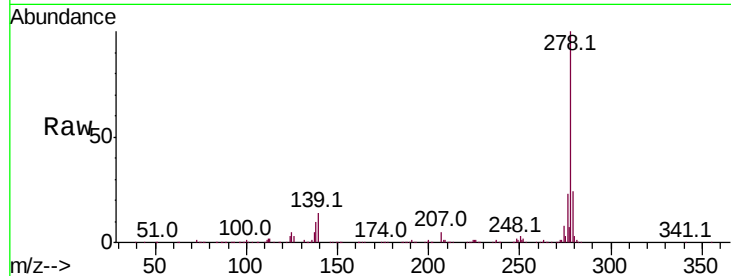




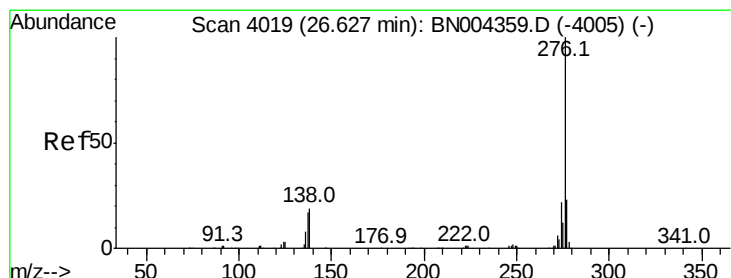
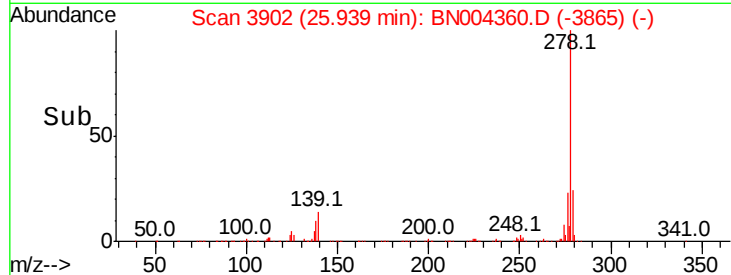
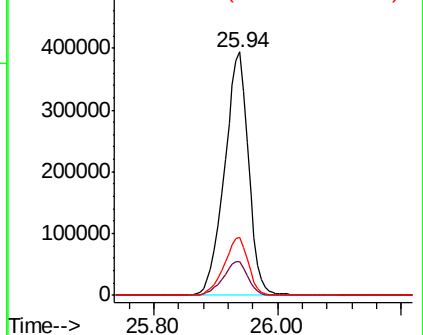
#93

Dibenzo(a,h)anthracene
 Concen: 50.043 ng/u1
 RT: 25.94 min Scan# 3902
 Delta R.T. 0.02 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tot Ion:278 Resp: 1058009
 Ion Ratio Lower Upper
 278 100
 139 13.8 12.4 18.6
 279 23.7 19.3 28.9



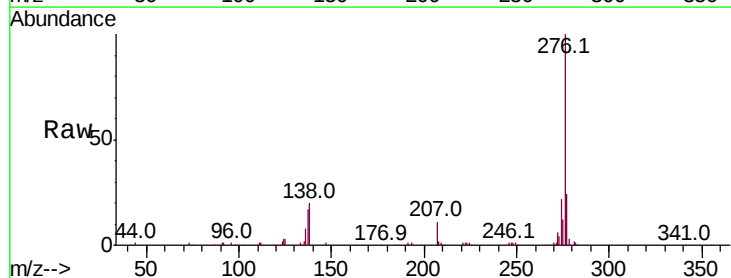
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene
 Concen: 26.179 ng/u1
 RT: 26.62 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: BN004360.D
 Acq: 08 Feb 2019 12:16

Tgt Ion:276 Resp: 557551
 Ion Ratio Lower Upper
 276 100
 138 19.9 16.7 25.1
 277 23.9 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

