

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
 Data File : BN002370.D
 Acq On : 17 Aug 2018 09:33
 Operator : JU/SJ
 Sample : J4424-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 18 01:52:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 16 01:50:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	166004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	804235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	498251	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1175486	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1324942	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1450465	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	13258	3.77	ng/uL	0.00
5) Phenol-d5	6.85	99	380951	25.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	240112	25.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	296799	25.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	316595	26.02	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	161354	25.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	169625	25.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	327260	26.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	336571	25.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1186302	28.72	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1443932	28.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	196362	25.15	ng/ul	0.00
57) Fluorene-d10	15.30	176	1015943	28.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	174825	23.36	ng/ul	0.00
70) Anthracene-d10	17.16	188	1671735	29.77	ng/ul	0.00
78) Pyrene-d10	19.46	212	1955799	30.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	2229064	29.39	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.27	88	66884	17.776	ng/uL#	88
4) Benzaldehyde	6.83	77	334939	32.029	ng/ul	95
6) Phenol	6.88	94	562657	36.298	ng/ul	94
10) 2-Chlorophenol	7.25	128	265915	22.781	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.48	70	263152	25.635	ng/ul#	83
20) Nitrobenzene	8.86	77	315256	20.578	ng/ul	94
23) 2-Nitrophenol	9.57	139	157517	22.261	ng/ul#	88
27) 2,4-Dichlorophenol	10.10	162	291578	24.342	ng/ul	98
28) Naphthalene	10.50	128	688212	16.632	ng/ul	99
30) 4-Chloroaniline	10.50	127	91723	6.785	ng/ul#	14
31) Hexachlorobutadiene	10.78	225	187749	24.899	ng/ul	98
33) 4-Chloro-3-methylphenol	11.74	107	578754	41.988	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	293302	19.434	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	375084	38.597	ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	375084	36.071	ng/ul	97
40) 1,1'-Biphenyl	13.13	154	1038011	26.024	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	494657	15.909	ng/ul	97
44) Dimethylphthalate	13.77	163	922559	22.774	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	205085	25.058	ng/ul	93
49) Acenaphthene	14.37	153	745330	21.902	ng/ul	99
52) 4-Nitrophenol	14.53	109	144980	24.500	ng/ul#	81
53) Dibenzofuran	14.71	168	878972	18.308	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.94	232	211256	23.267	ng/ul	98

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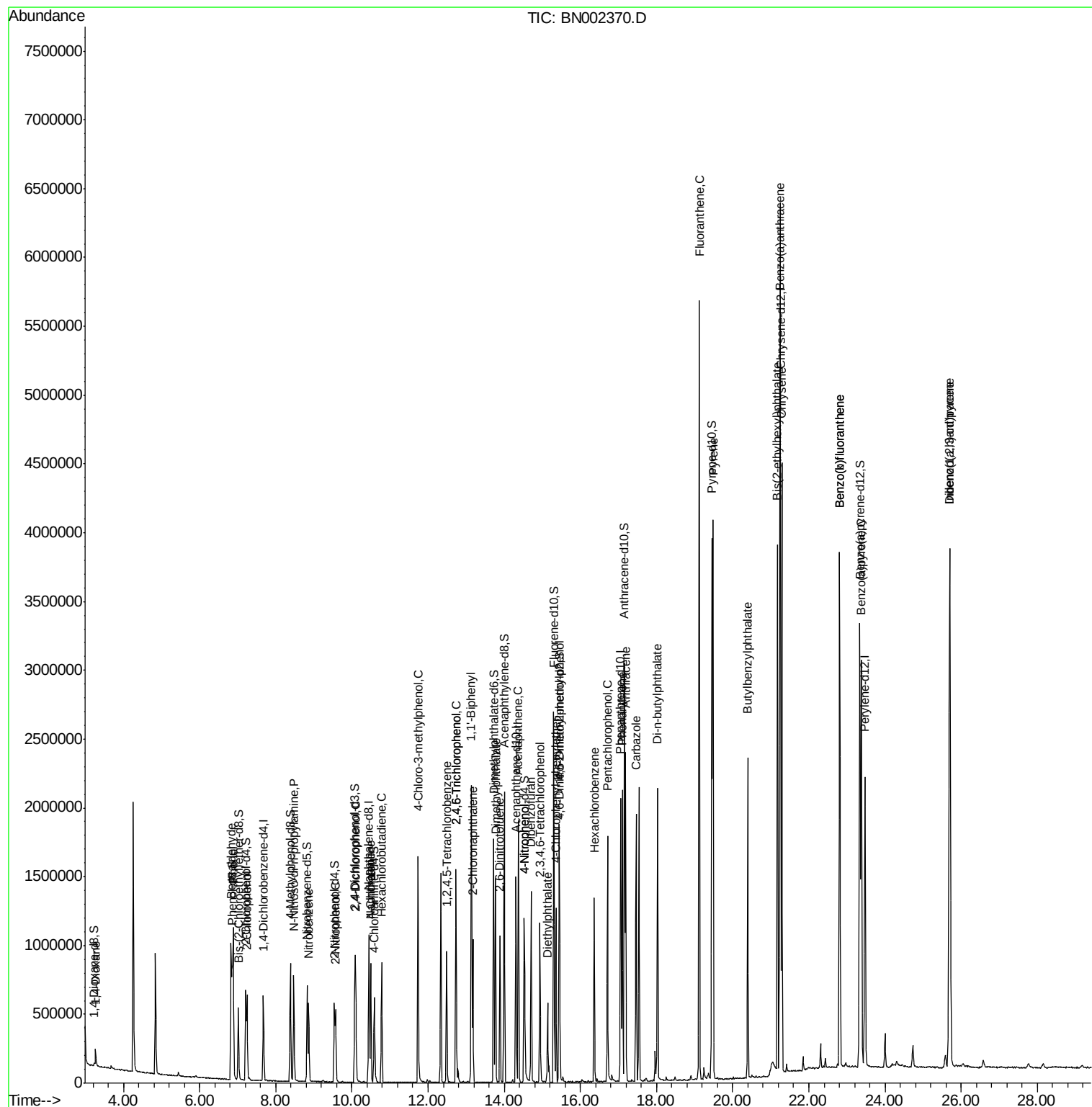
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Diethylphthalate	15.14	149	297627	7.201	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	325152	16.772	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	298751	38.696	ng/ul	99
66) Hexachlorobenzene	16.36	284	273172	20.411	ng/ul	96
68) Pentachlorophenol	16.71	266	301732	40.277	ng/ul	98
69) Phenanthrene	17.10	178	1212698	18.714	ng/ul	99
71) Anthracene	17.19	178	1444349	21.976	ng/ul	99
74) Carbazole	17.46	167	1223705	20.995	ng/ul	99
75) Di-n-butylphthalate	18.03	149	1407138	19.859	ng/ul	100
76) Fluoranthene	19.12	202	3260466	44.207	ng/ul	99
79) Pyrene	19.49	202	2365046	29.604	ng/ul	100
80) Butylbenzylphthalate	20.39	149	642079	18.968	ng/ul	92
82) Benzo(a)anthracene	21.24	228	2993207	36.875	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1217891	23.987	ng/ul	98
84) Chrysene	21.29	228	2000735	26.043	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	2273221	26.146	ng/ul	100
88) Benzo(k)fluoranthene	22.81	252	2273221	27.753	ng/ul	99
90) Benzo(a)pyrene	23.38	252	2033802	24.556	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	2778491	28.199	ng/ul	98
92) Dibenzo(a,h)anthracene	25.71	278	1811854	21.996	ng/ul	98

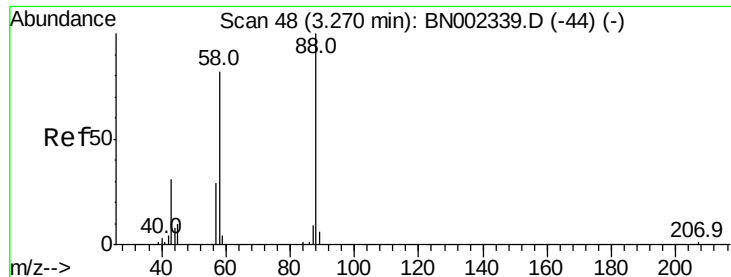
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 17.776 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. 0.00 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampled :

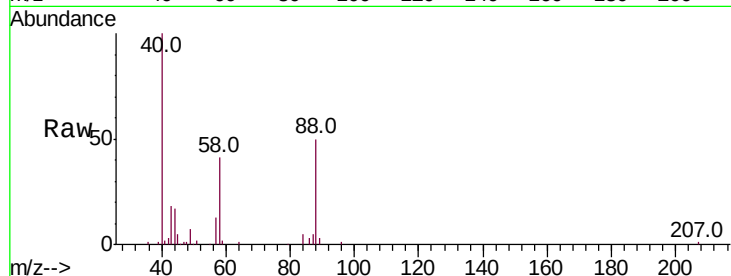
Tot Ion: 88 Resp: 66884

Ion Ratio Lower Upper

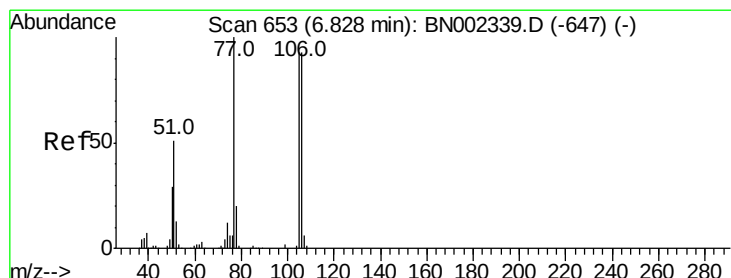
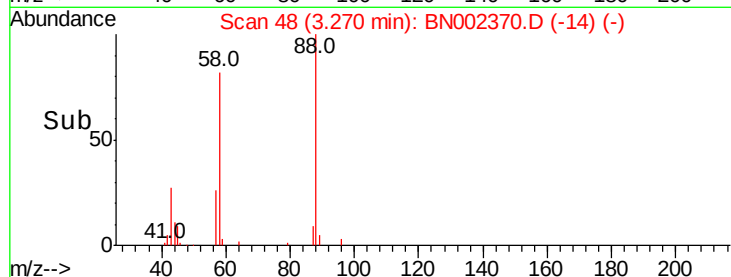
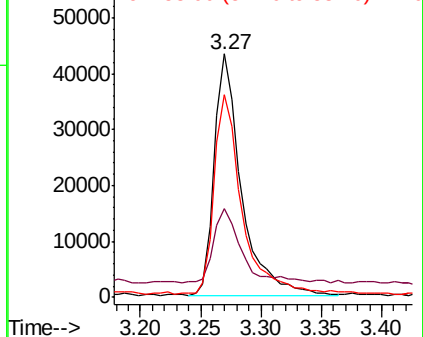
88 100

43 27.5 32.0 48.0#

58 82.4 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: 32.029 ng/uL

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

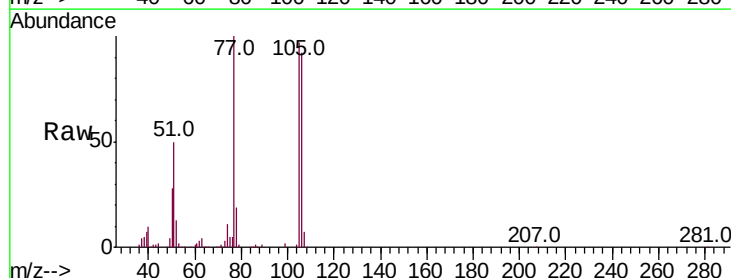
Tgt Ion: 77 Resp: 334939

Ion Ratio Lower Upper

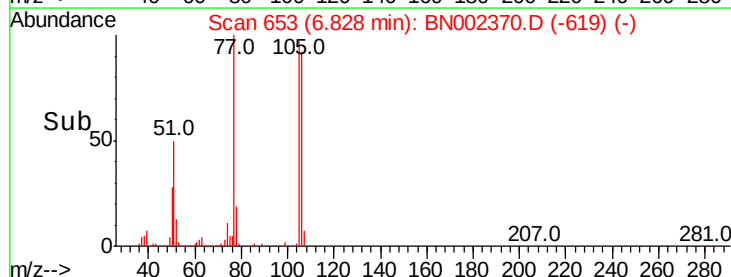
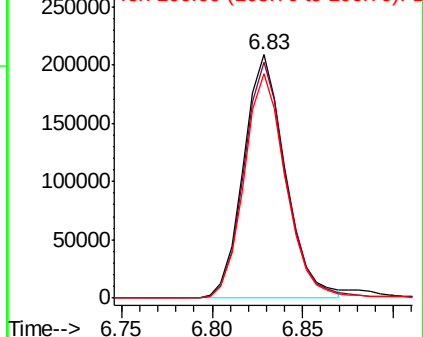
77 100

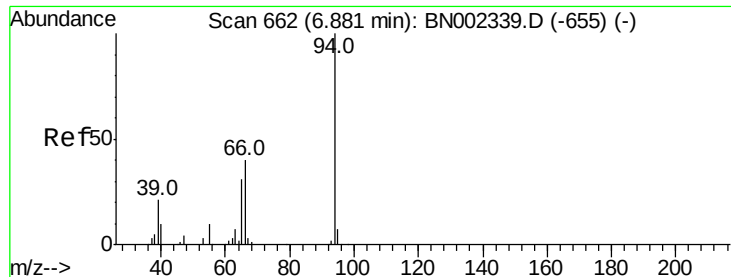
105 96.7 80.6 120.8

106 92.0 77.7 116.5



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





#6

Phenol

Concen: 36.298 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampleId :

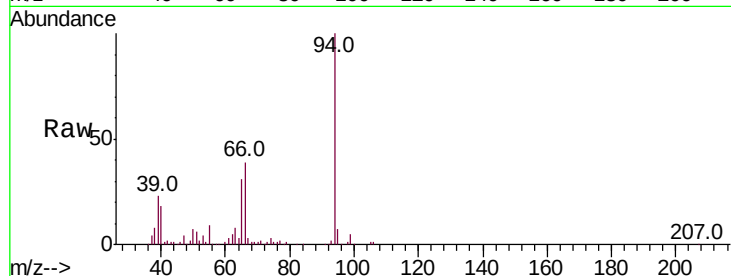
Tot Ion: 94 Resp: 562657

Ion Ratio Lower Upper

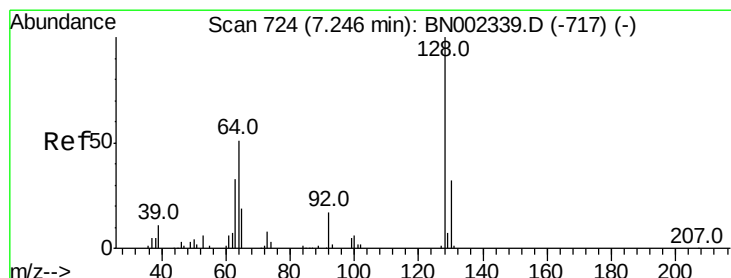
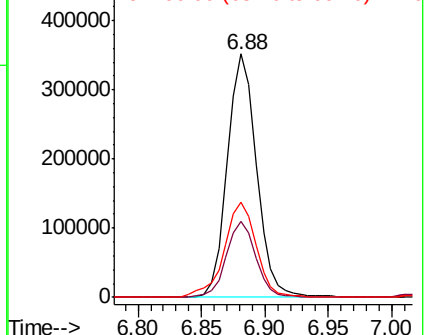
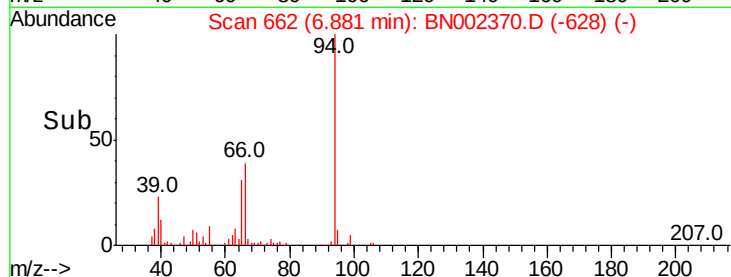
94 100

65 31.0 21.0 31.6

66 38.9 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: 22.781 ng/ul

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

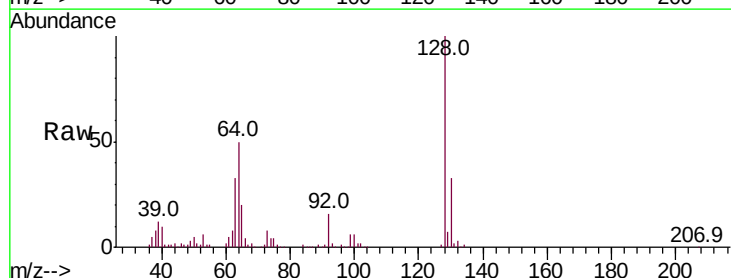
Tgt Ion:128 Resp: 265915

Ion Ratio Lower Upper

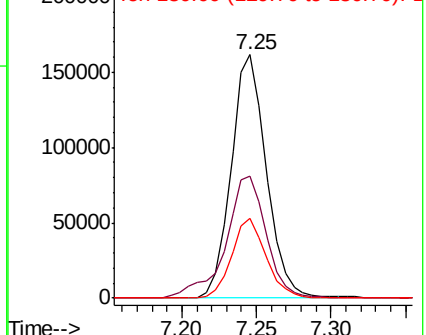
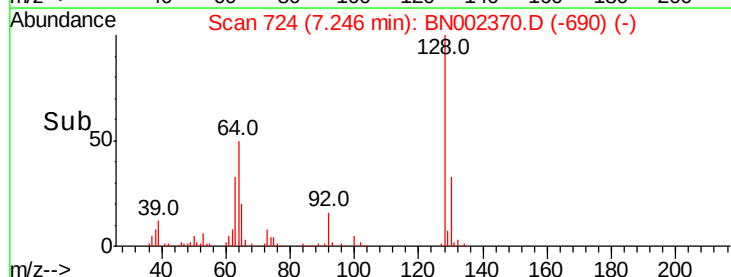
128 100

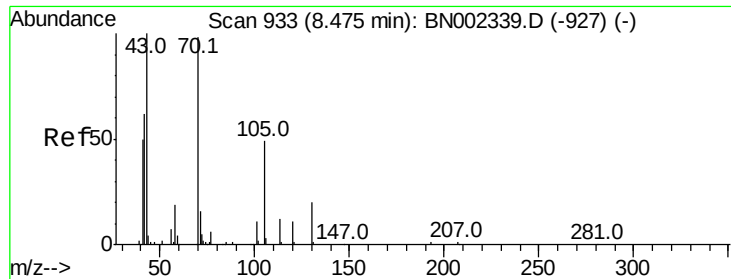
64 50.2 31.9 47.9#

130 32.8 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: 25.635 ng/ul

RT: 8.48 min Scan# 933

Delta R.T. 0.00 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 263152

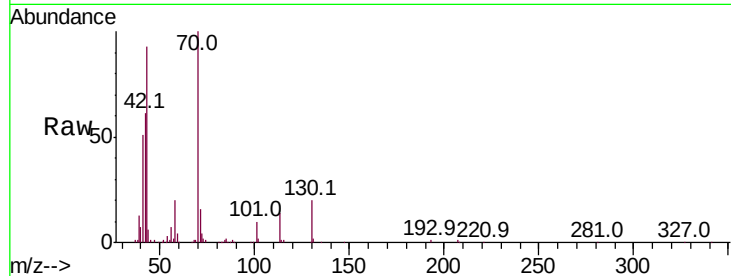
Ion Ratio Lower Upper

70 100

42 61.1 35.4 53.0#

101 9.7 8.4 12.6

130 19.9 18.2 27.4

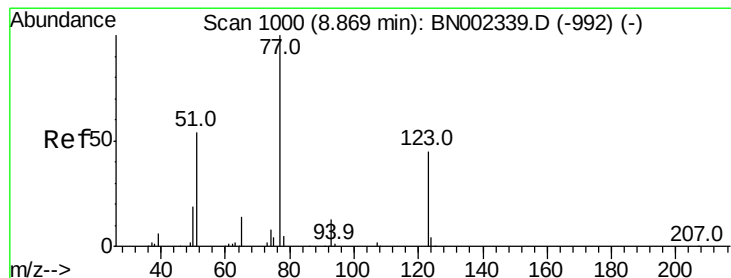
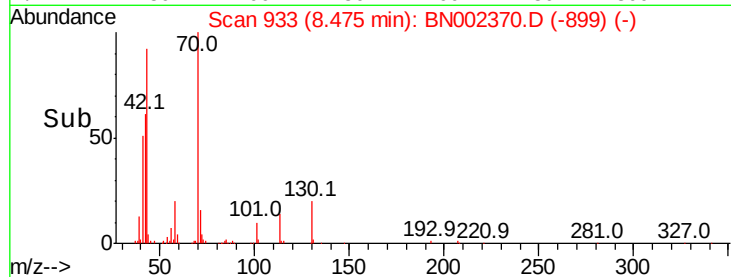
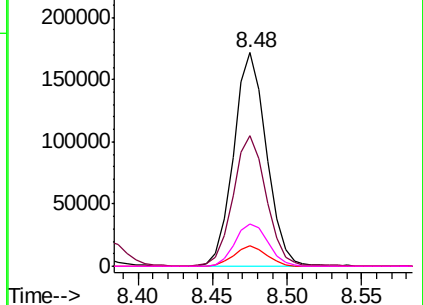


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 20.578 ng/ul

RT: 8.86 min Scan# 999

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

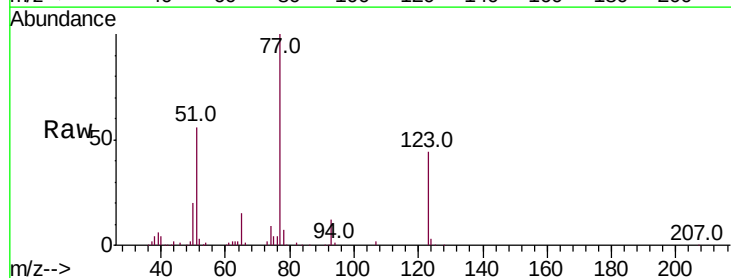
Tgt Ion: 77 Resp: 315256

Ion Ratio Lower Upper

77 100

123 44.3 39.0 58.4

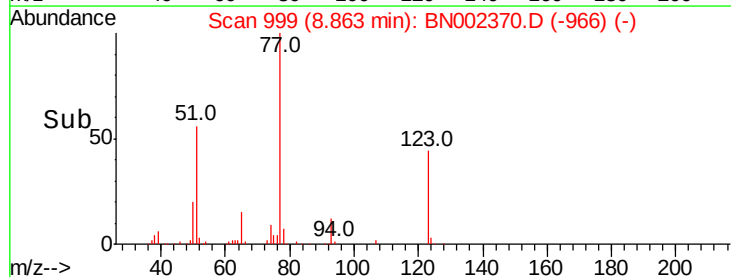
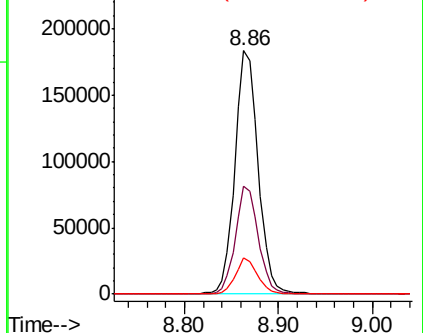
65 15.0 10.4 15.6

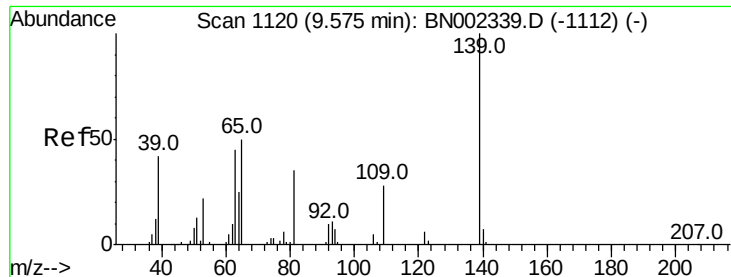


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0





#23

2-Nitrophenol

Concen: 22.261 ng/ul

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampled :

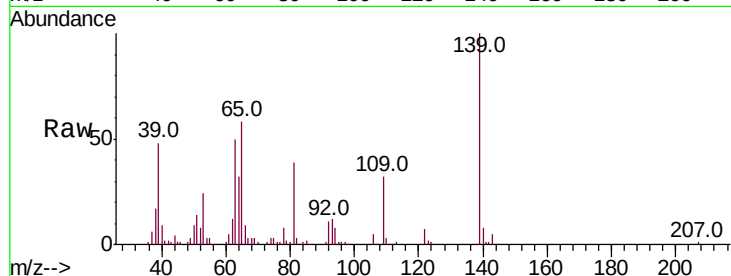
Tot Ion:139 Resp: 157517

Ion Ratio Lower Upper

139 100

65 57.9 36.3 54.5#

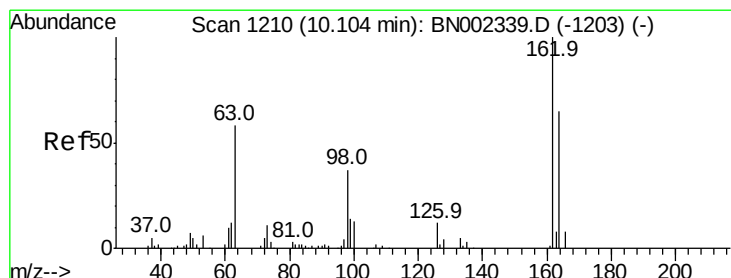
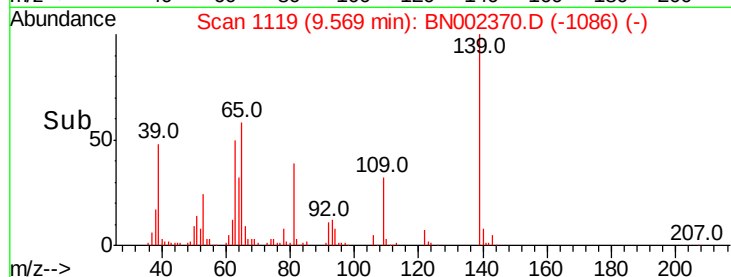
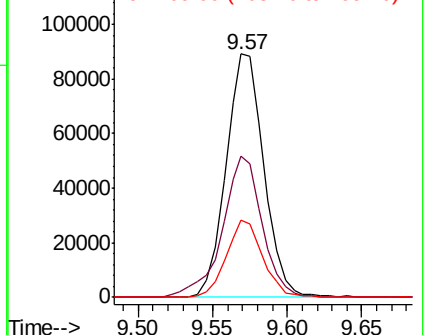
109 31.5 26.4 39.6



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: 24.342 ng/ul

RT: 10.10 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

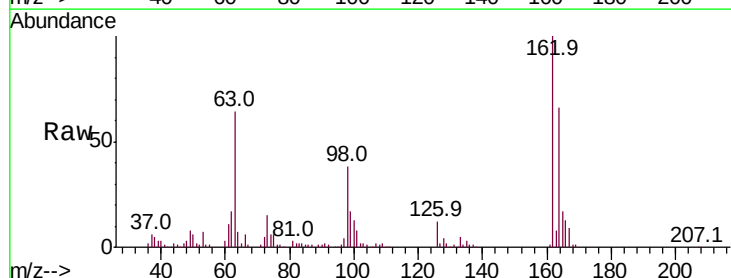
Tgt Ion:162 Resp: 291578

Ion Ratio Lower Upper

162 100

164 65.5 52.1 78.1

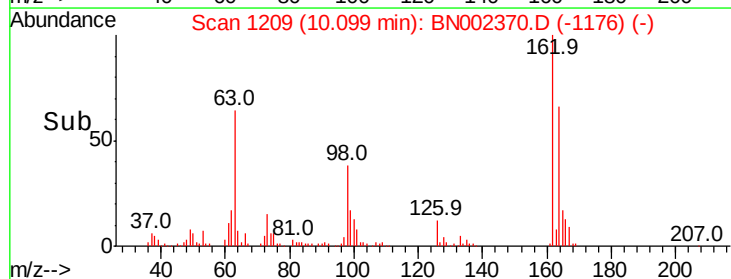
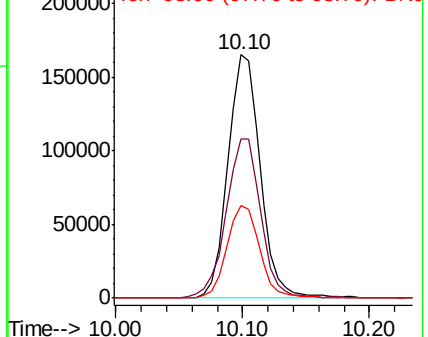
98 38.0 28.4 42.6

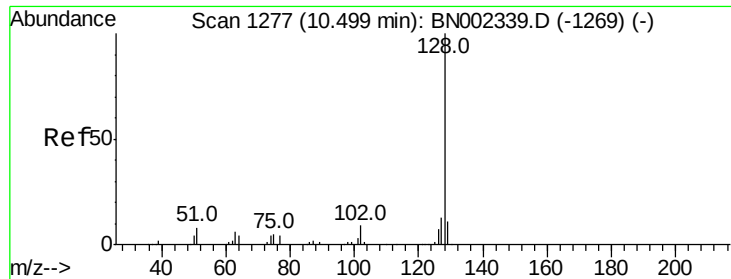


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNO

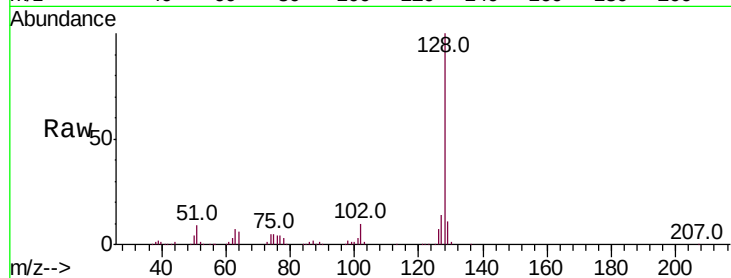




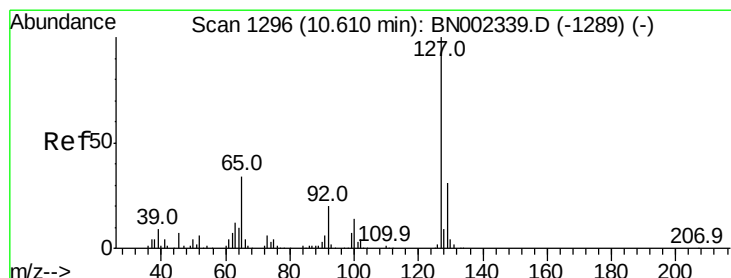
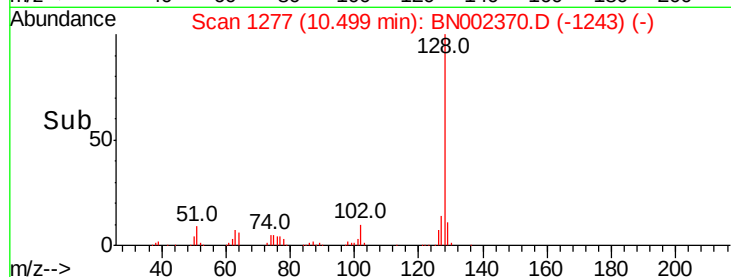
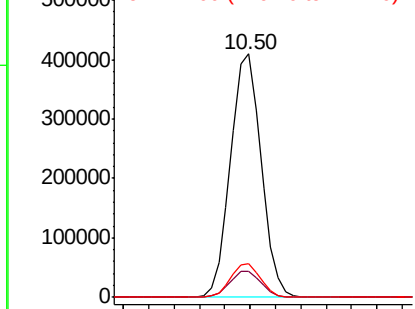
#28
Naphthalene
Concen: 16.632 ng/ul
RT: 10.50 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 688212
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.6 10.5 15.7

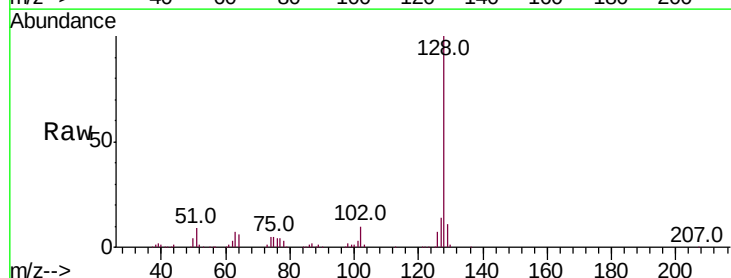


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

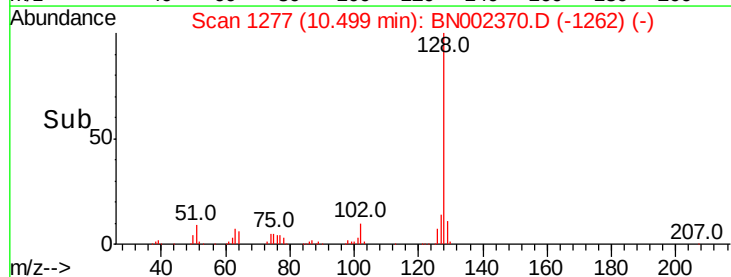
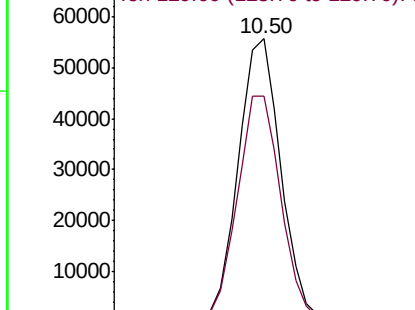


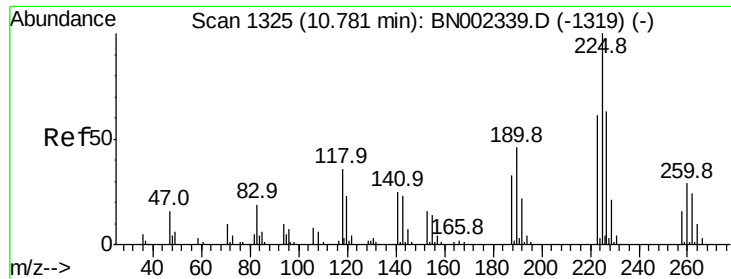
#30
4-Chloroaniline
Concen: 6.785 ng/ul
RT: 10.50 min Scan# 1277
Delta R.T. -0.11 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

Tgt Ion:127 Resp: 91723
Ion Ratio Lower Upper
127 100
129 79.7 25.4 38.2#



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





#31

Hexachlorobutadiene

Concen: 24.899 ng/ul

RT: 10.78 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampleId :

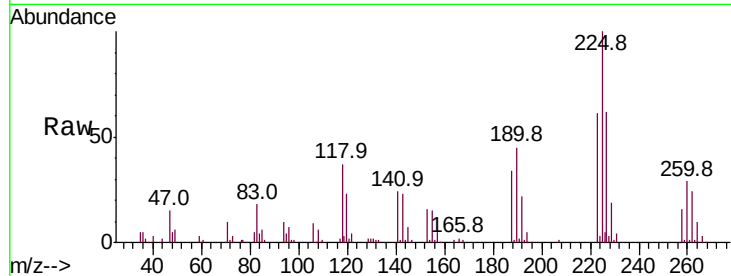
Tot Ion:225 Resp: 187749

Ion Ratio Lower Upper

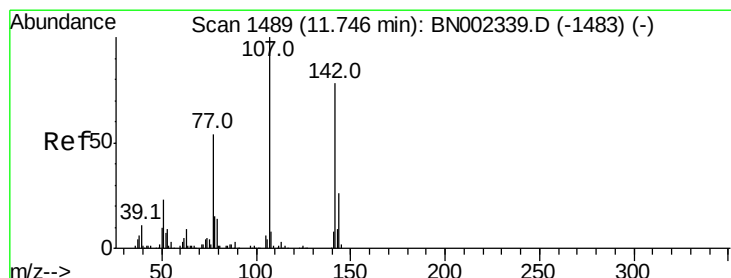
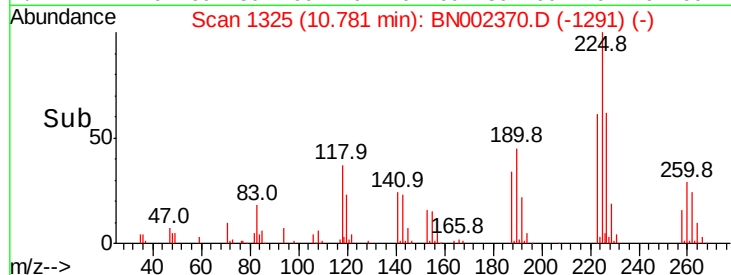
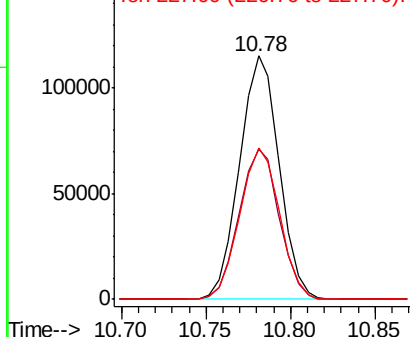
225 100

223 61.4 51.4 77.2

227 62.4 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: 41.988 ng/ul

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

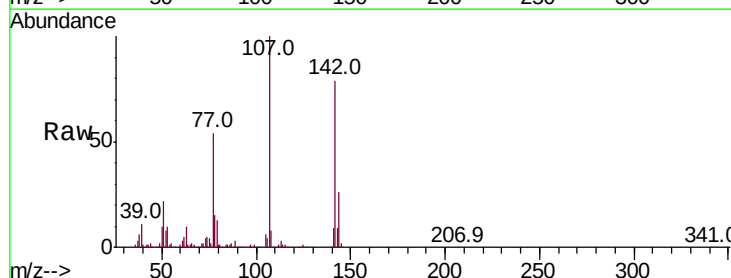
Tgt Ion:107 Resp: 578754

Ion Ratio Lower Upper

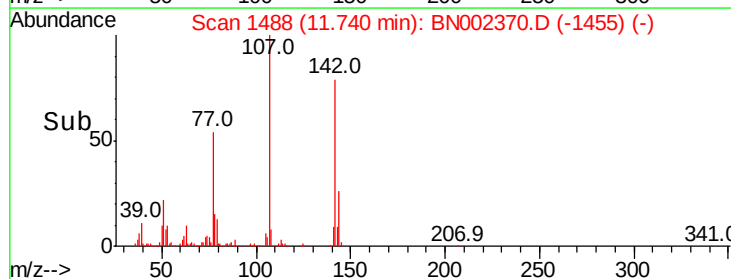
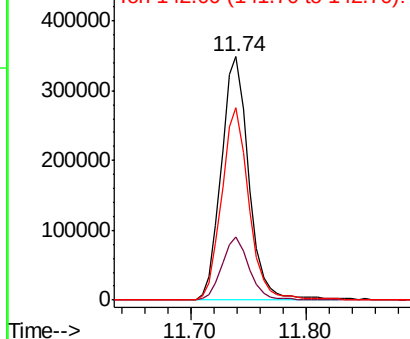
107 100

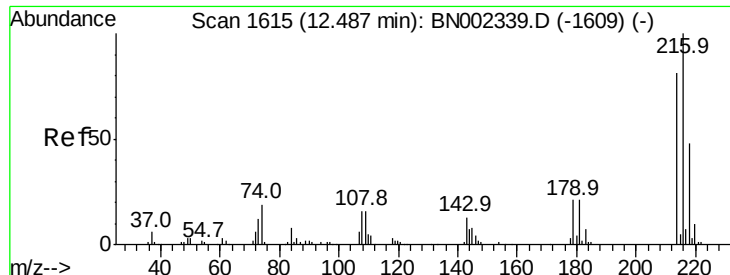
144 26.0 20.4 30.6

142 79.0 62.5 93.7



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

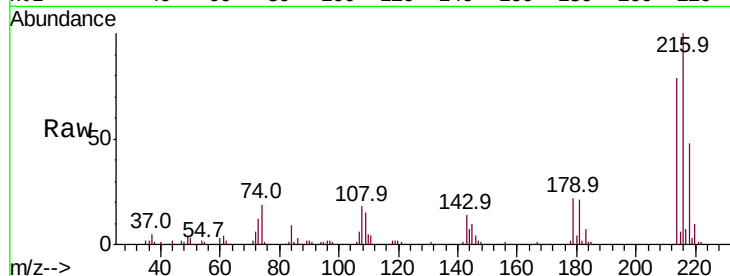




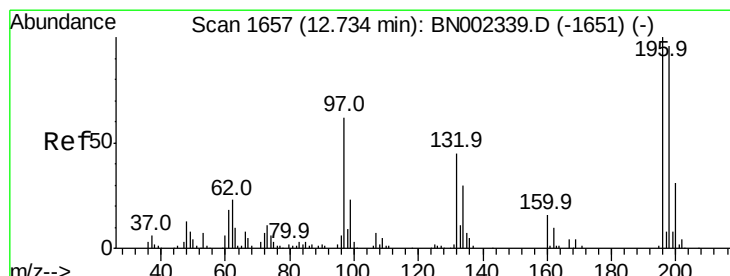
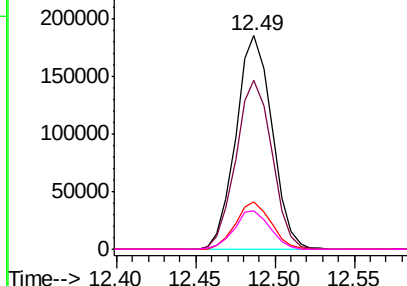
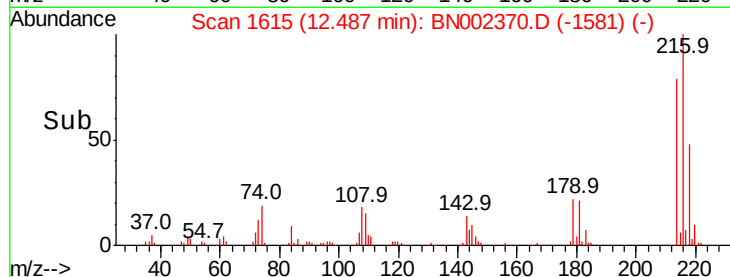
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.434 ng/ul
 RT: 12.49 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	216	Resp:	293302
Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.5	93.7
179	22.1	18.2	27.2
108	18.0	14.2	21.2

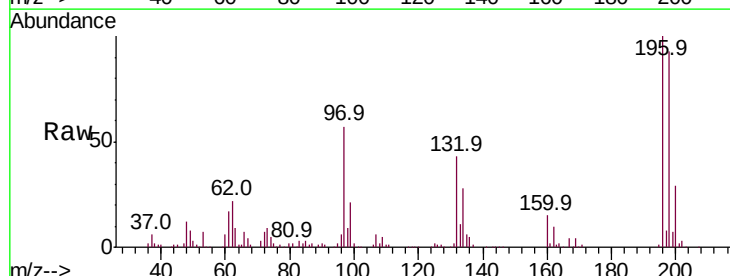


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

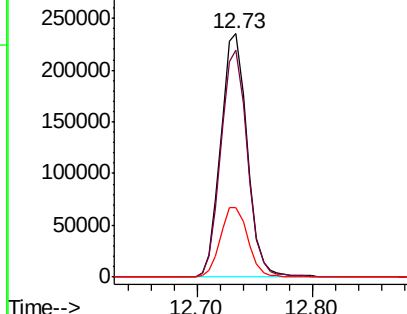
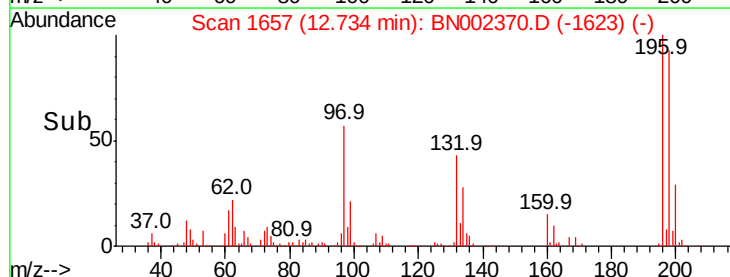


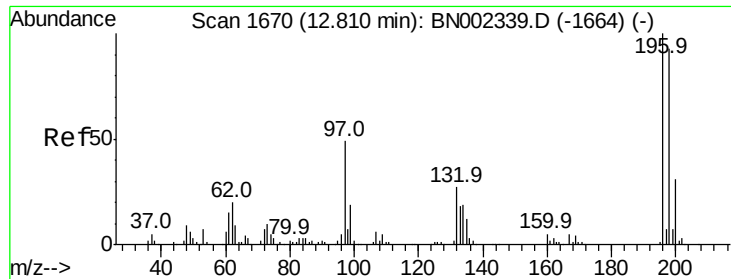
#38
 2,4,6-Trichlorophenol
 Concen: 38.597 ng/ul
 RT: 12.73 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Tgt Ion:	196	Resp:	375084
Ion	Ratio	Lower	Upper
196	100		
198	93.2	76.6	114.8
200	28.8	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

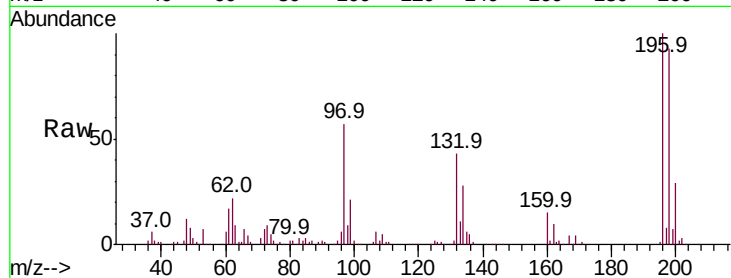




#39
 2,4,5-Trichlorophenol
 Concen: 36.071 ng/ul
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.08 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	76.9	115.3
200	28.8	25.0	37.4

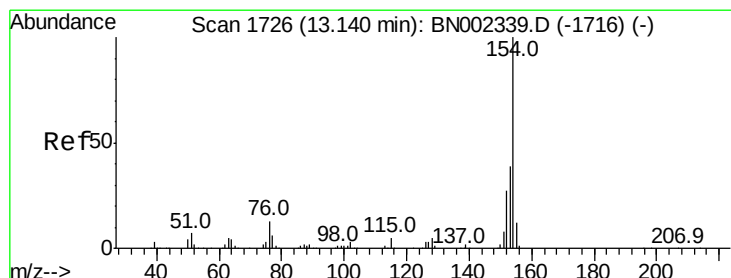
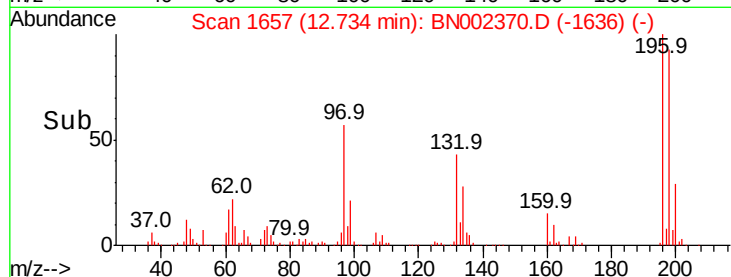
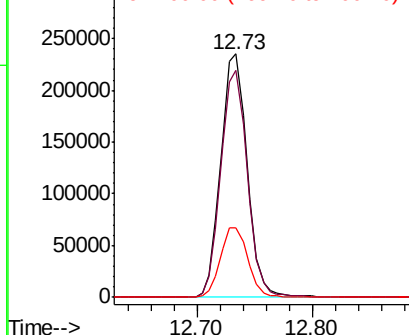


Abundance

Ion 196.00 (195.70 to 196.70): E

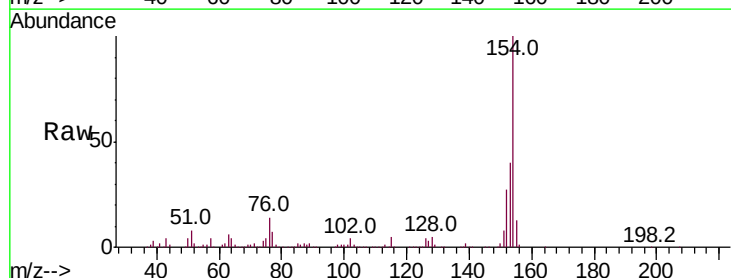
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40
 1,1'-Biphenyl
 Concen: 26.024 ng/ul
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	32.1	48.1
76	13.9	9.5	14.3

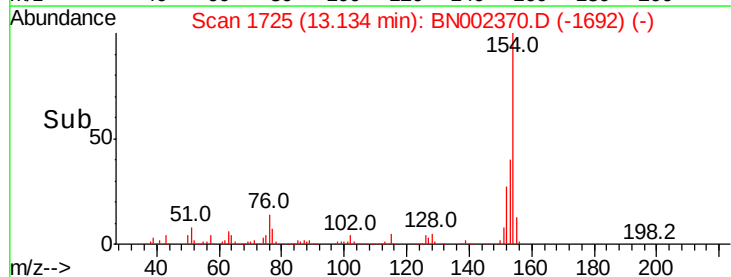
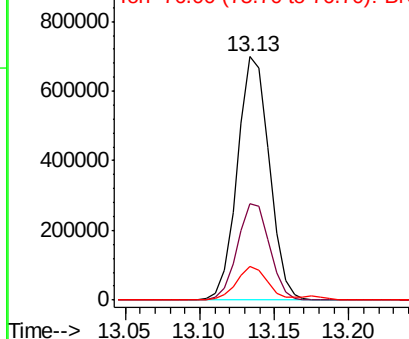


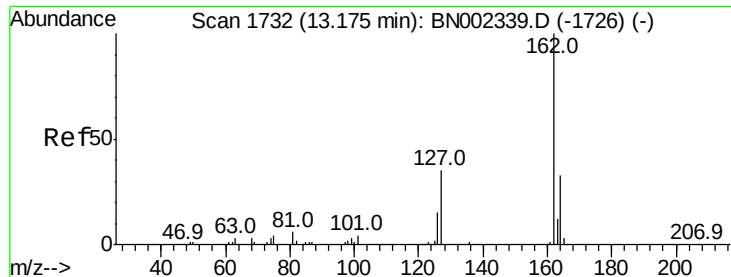
Abundance

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

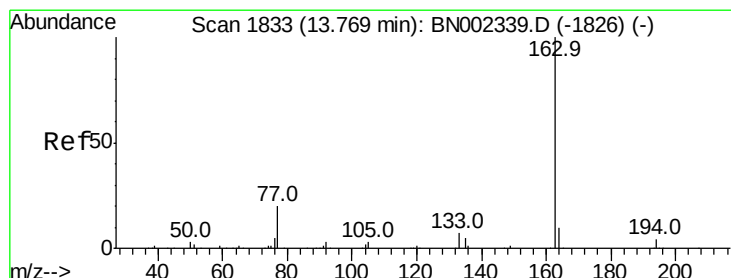
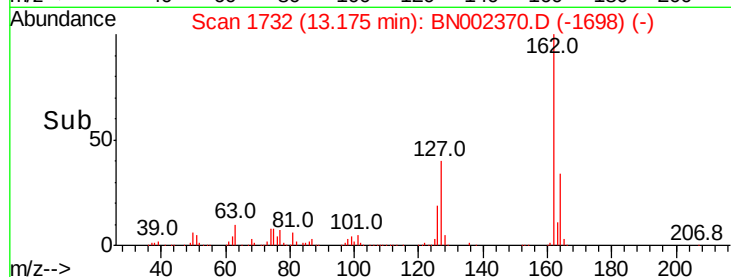
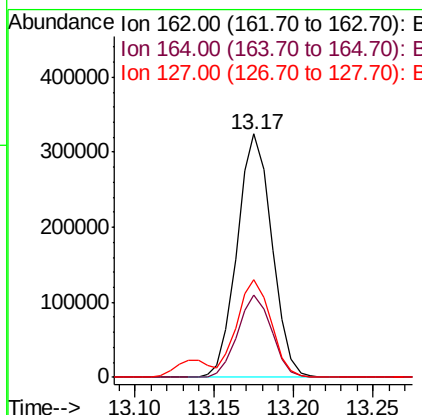
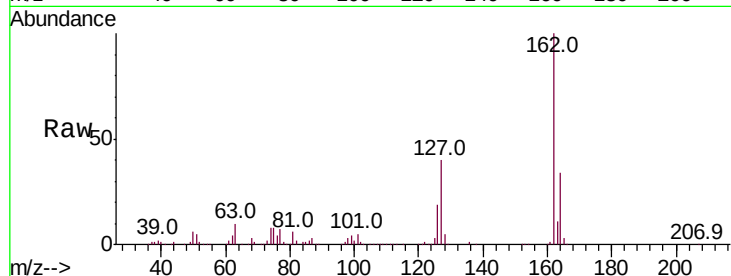




#41
2-Chloronaphthalene
Concen: 15.909 ng/ul
RT: 13.17 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

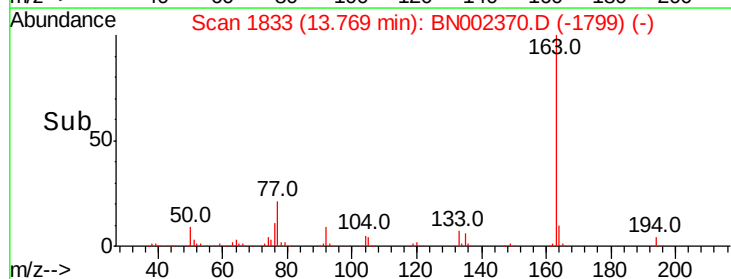
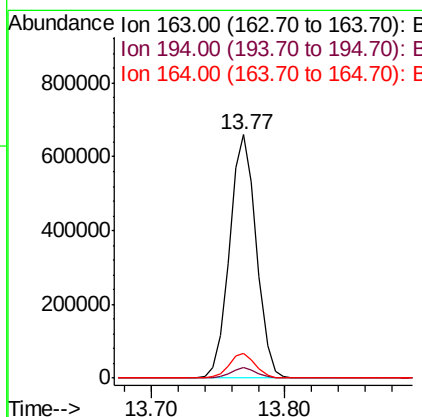
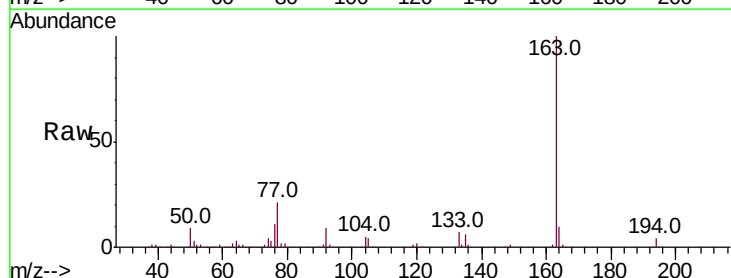
Instrument :
BNA_N
ClientSampleId :

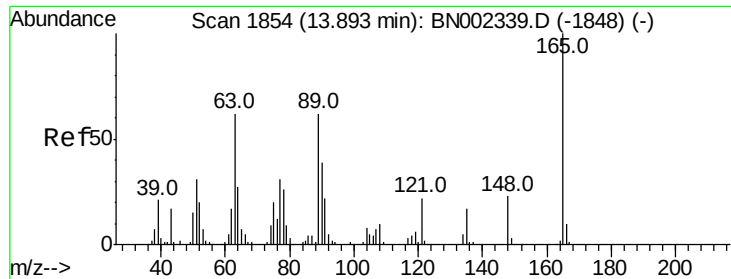
Tot Ion:162 Resp: 494657
Ion Ratio Lower Upper
162 100
164 33.6 25.9 38.9
127 40.1 34.1 51.1



#44
Dimethylphthalate
Concen: 22.774 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

Tgt Ion:163 Resp: 922559
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.0 7.8 11.8

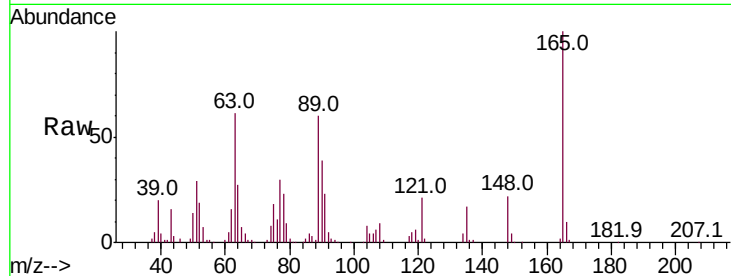




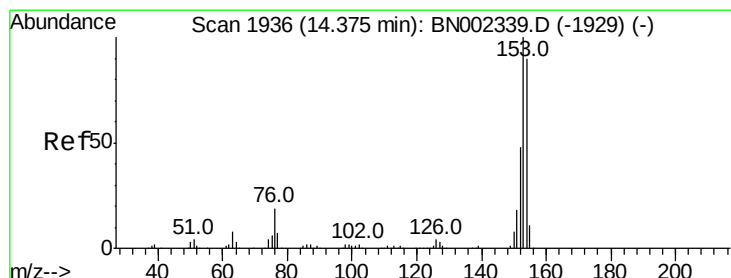
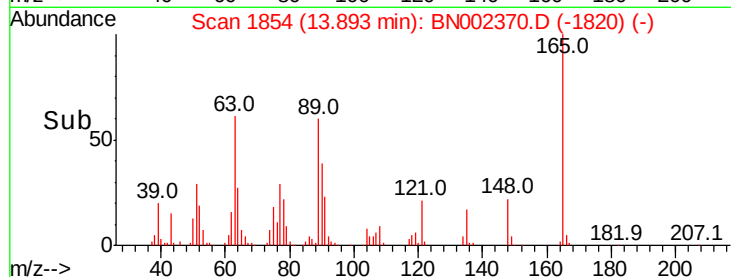
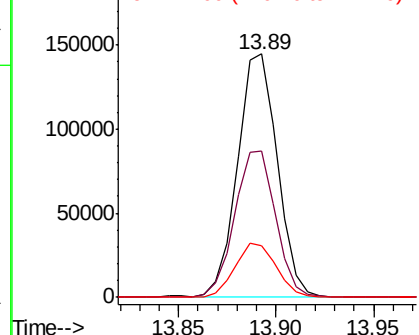
#45
 2,6-Dinitrotoluene
 Concen: 25.058 ng/ul
 RT: 13.89 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165	Resp:	205085
Ion Ratio	Lower	Upper
165	100	
89	59.9	42.4 63.6
121	21.2	16.6 24.8

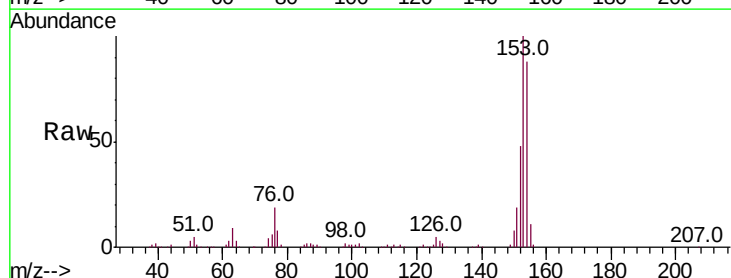


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

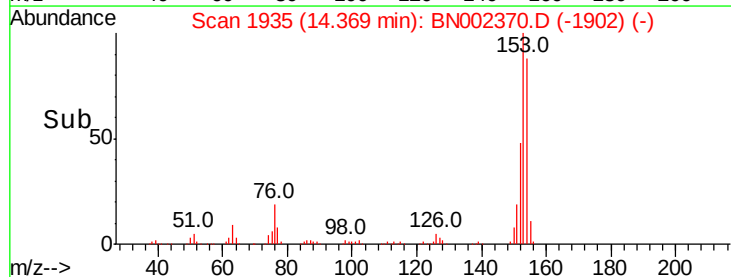
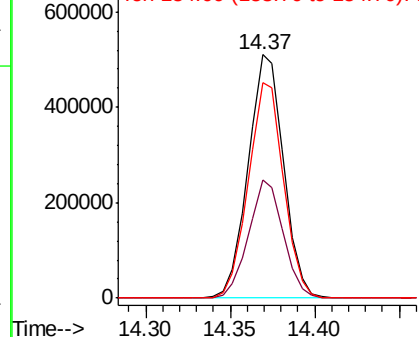


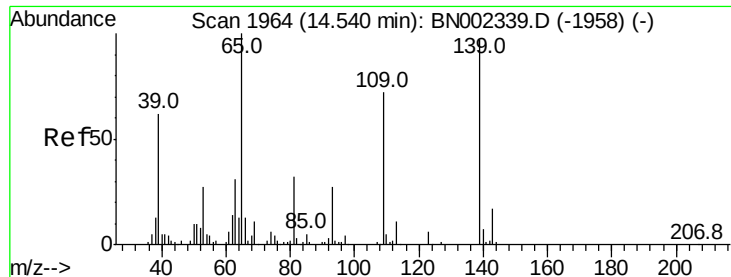
#49
 Acenaphthene
 Concen: 21.902 ng/ul
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Tgt Ion:153	Resp:	745330
Ion Ratio	Lower	Upper
153	100	
152	48.4	38.3 57.5
154	88.3	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: 24.500 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampleId :

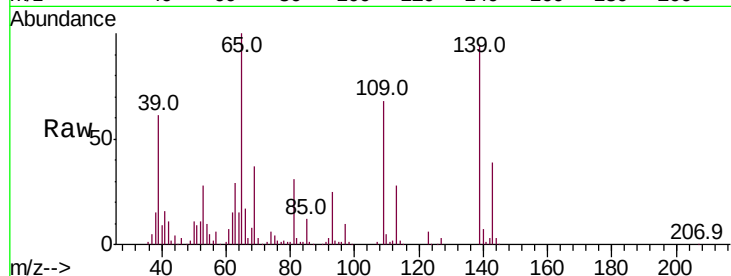
Tot Ion:109 Resp: 144980

Ion Ratio Lower Upper

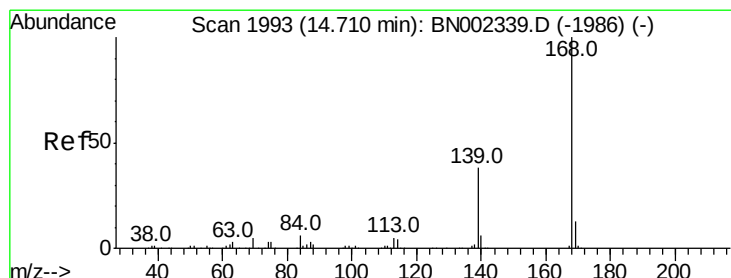
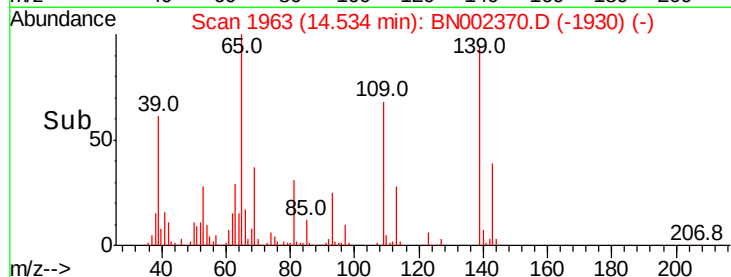
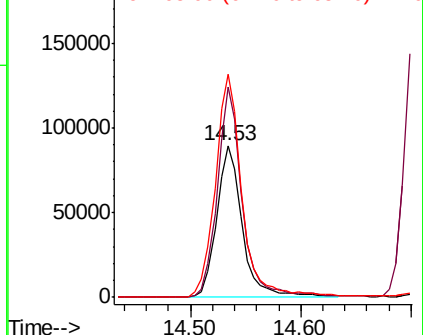
109 100

139 138.1 103.7 155.5

65 146.4 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): BNC



#53

Dibenzofuran

Concen: 18.308 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BN002370.D

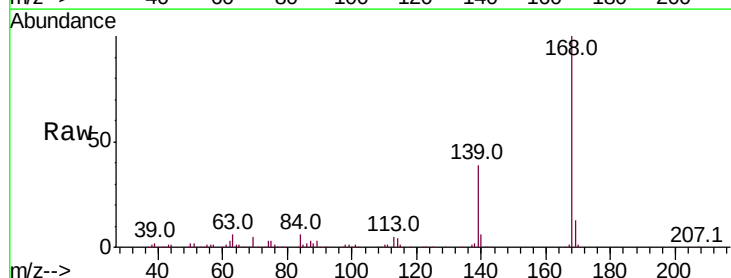
Acq: 17 Aug 2018 09:33

Tgt Ion:168 Resp: 878972

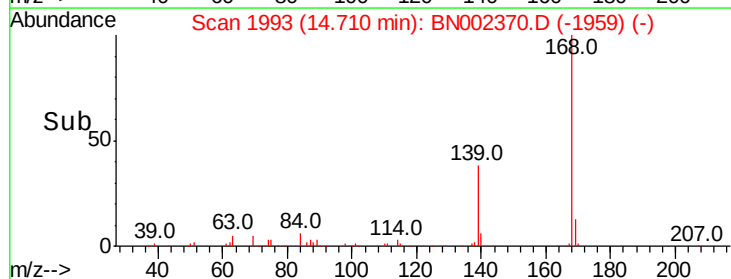
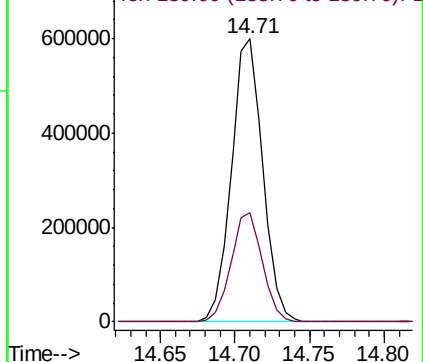
Ion Ratio Lower Upper

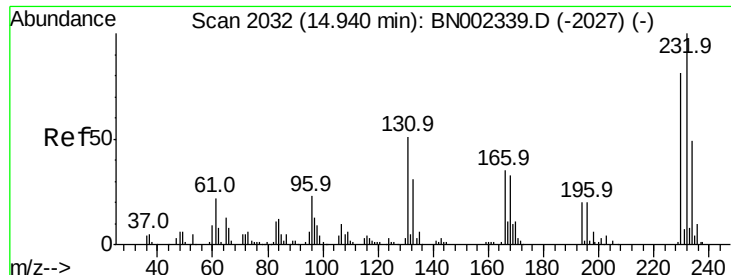
168 100

139 38.6 32.2 48.2



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

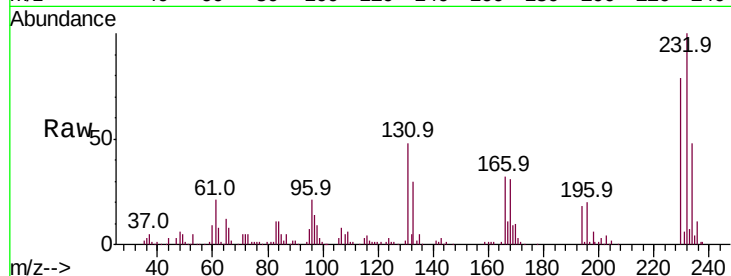




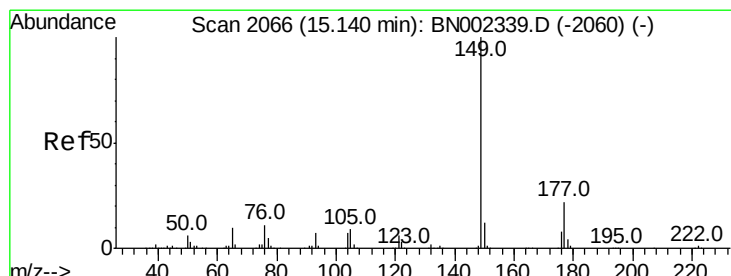
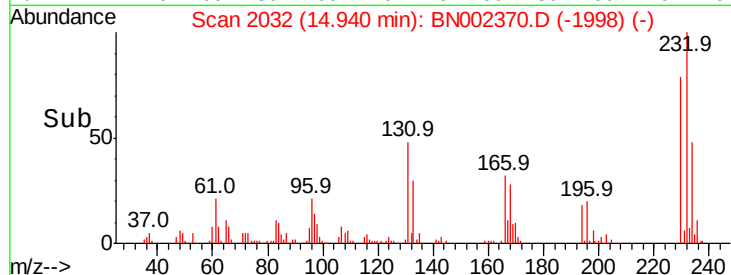
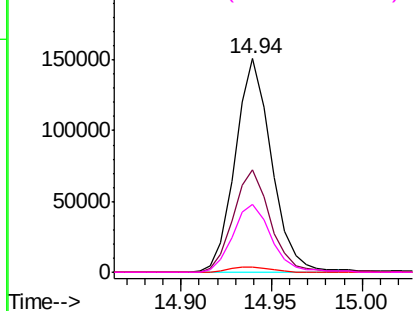
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 23.267 ng/ul
 RT: 14.94 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	232	Resp:	211256
Ion	Ratio	Lower	Upper
232	100		
131	48.0	39.4	59.2
130	2.5	2.2	3.2
166	31.9	26.6	39.8

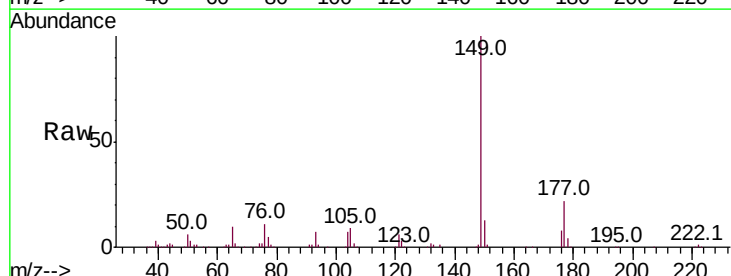


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

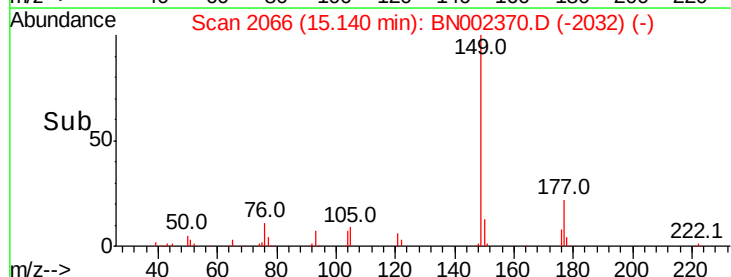
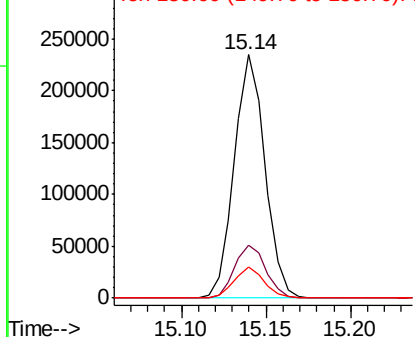


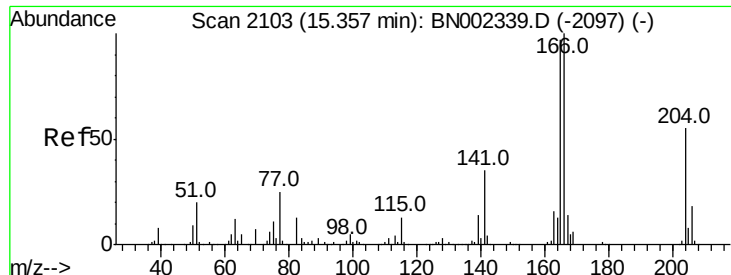
#56
 Diethylphthalate
 Concen: 7.201 ng/ul
 RT: 15.14 min Scan# 2066
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Tgt Ion:	149	Resp:	297627
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.8	10.0	15.0



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

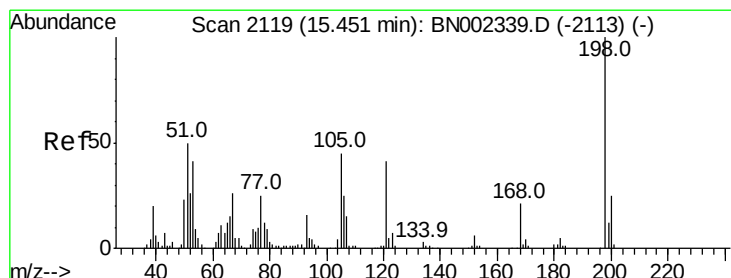
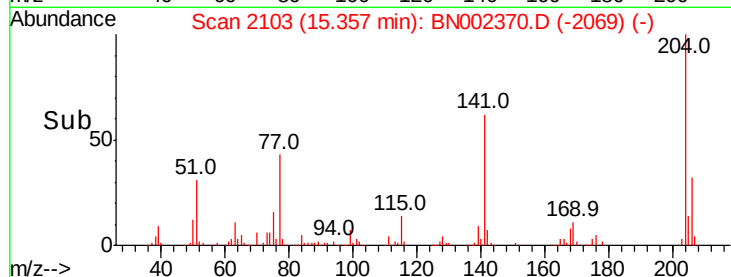
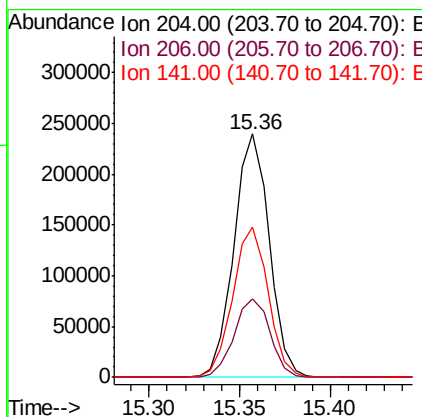
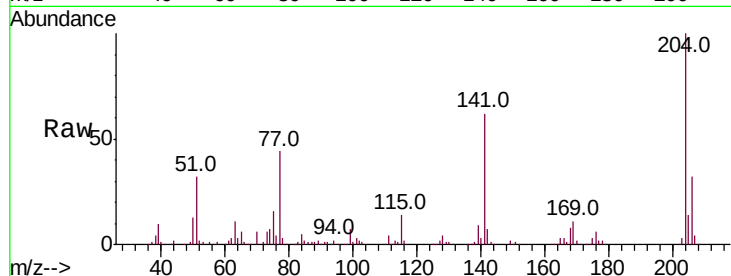




#59
 4-Chlorophenyl-phenylether
 Concen: 16.772 ng/ul
 RT: 15.36 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

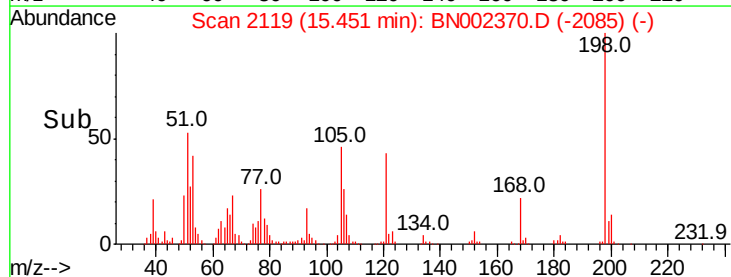
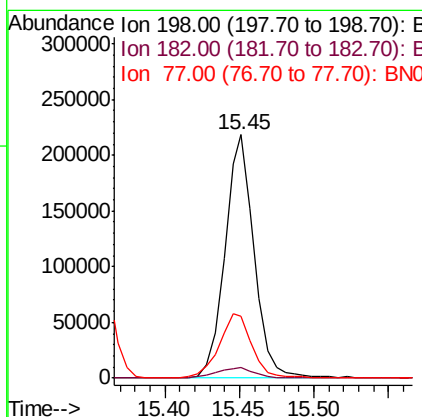
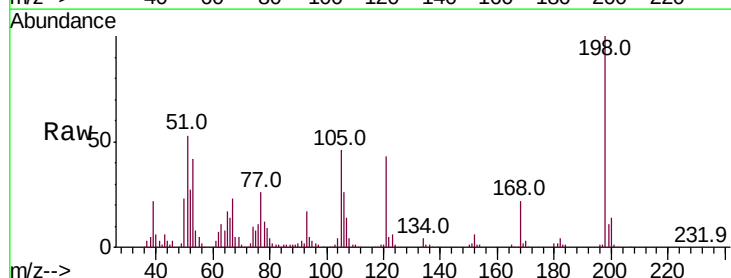
Instrument :
 BNA_N
 ClientSampleId :

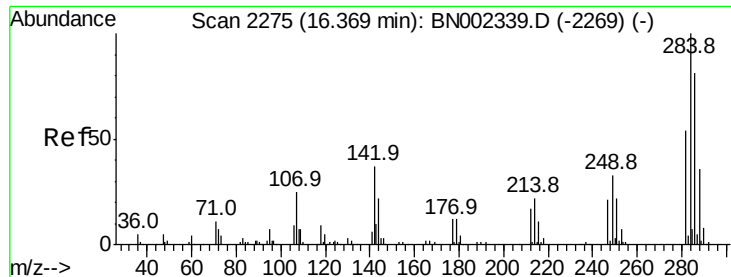
Tot Ion:204 Resp: 325152
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.2 39.4
 141 61.6 54.6 81.8



#63
 4,6-Dinitro-2-methylphenol
 Concen: 38.696 ng/ul
 RT: 15.45 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Tgt Ion:198 Resp: 298751
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.1 4.7
 77 25.5 20.1 30.1

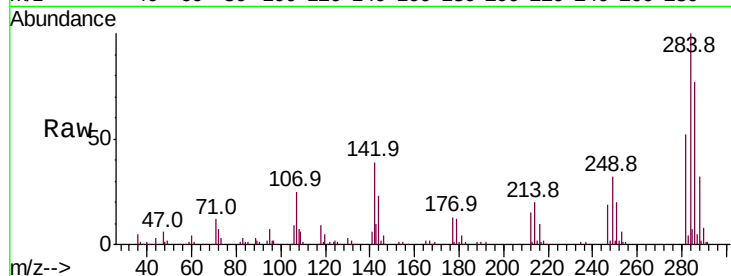




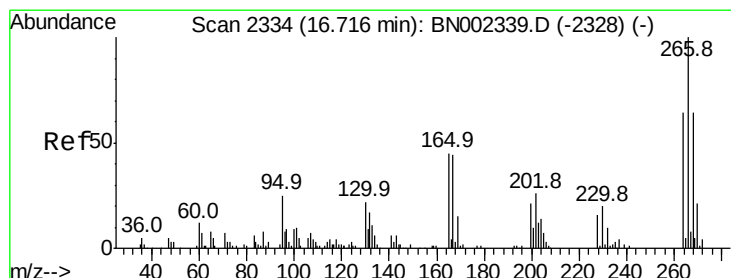
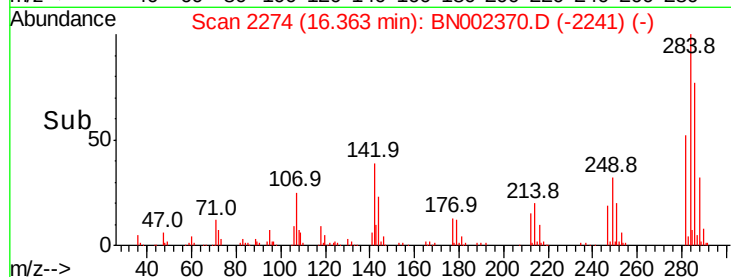
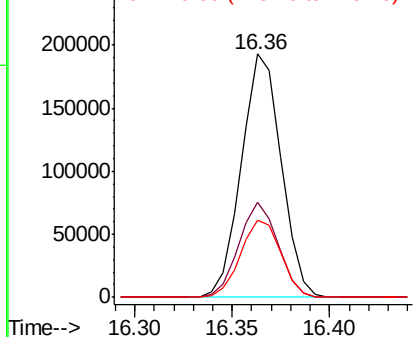
#66
Hexachlorobenzene
Concen: 20.411 ng/ul
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 273172
Ion Ratio Lower Upper
284 100
142 39.1 33.1 49.7
249 31.6 27.1 40.7

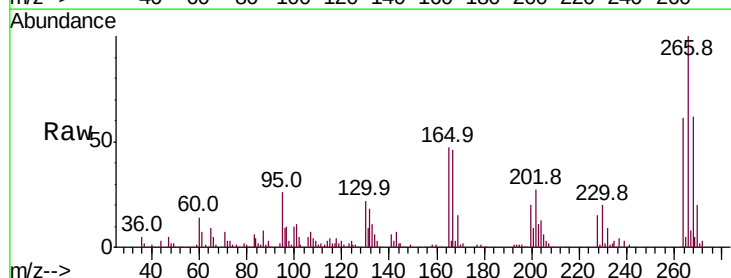


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

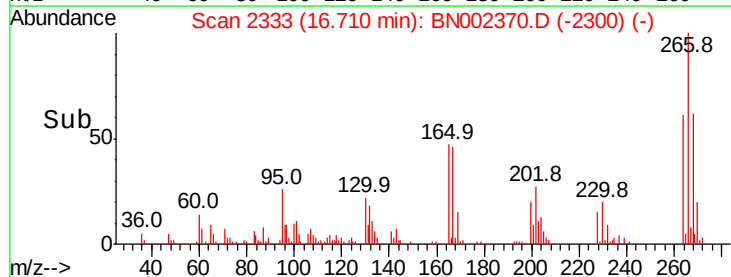
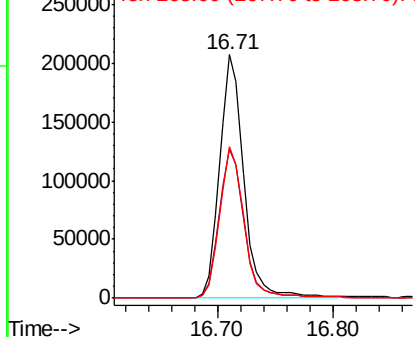


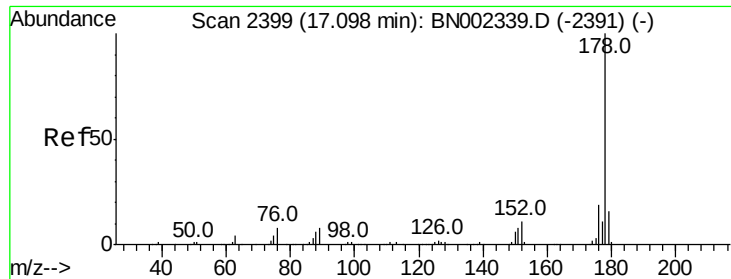
#68
Pentachlorophenol
Concen: 40.277 ng/ul
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

Tgt Ion:266 Resp: 301732
Ion Ratio Lower Upper
266 100
264 61.2 50.5 75.7
268 62.1 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: 18.714 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampleId :

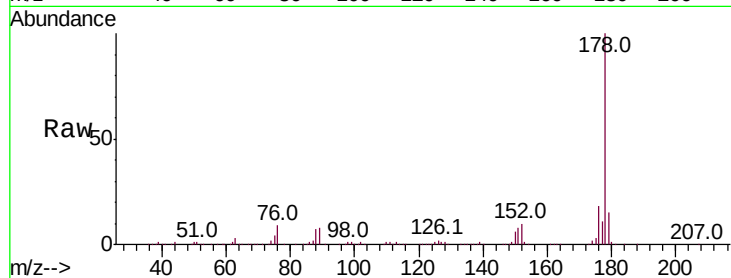
Tot Ion:178 Resp: 1212698

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

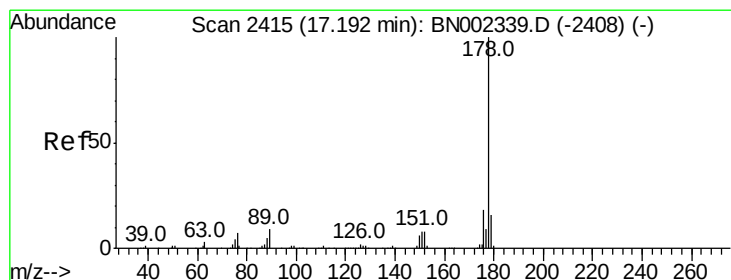
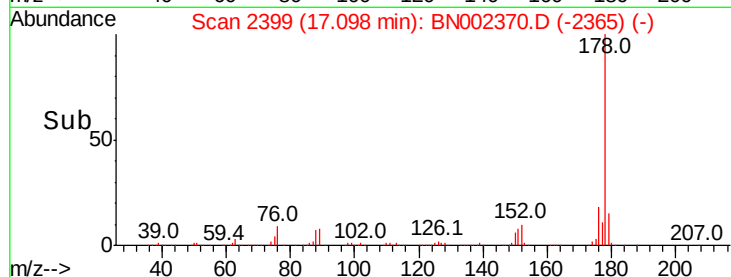
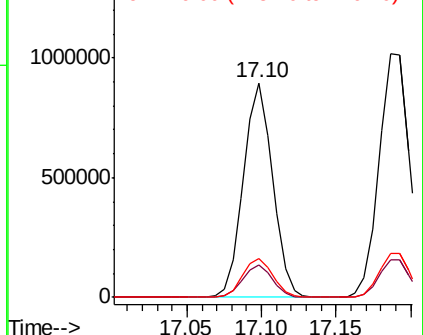
176 18.4 15.6 23.4



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: 21.976 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

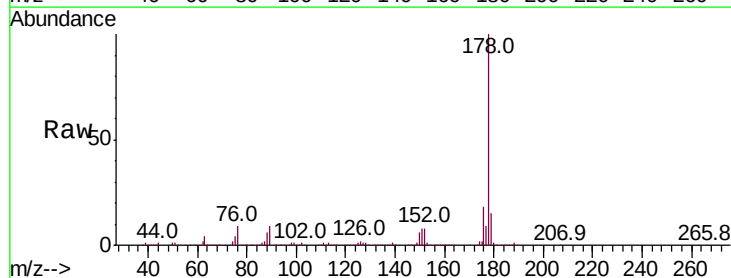
Tgt Ion:178 Resp: 1444349

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

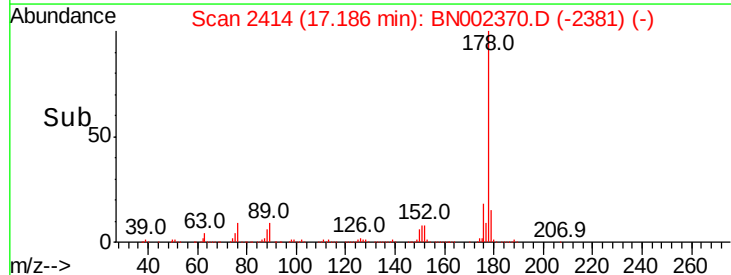
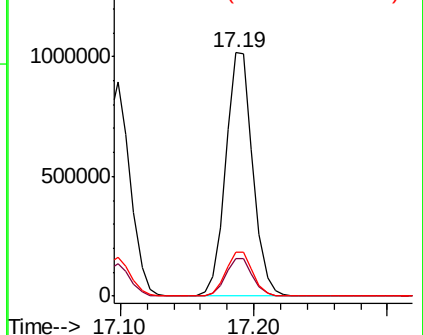
176 18.1 14.8 22.2

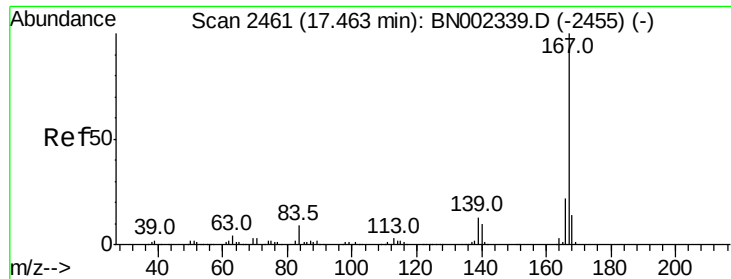


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



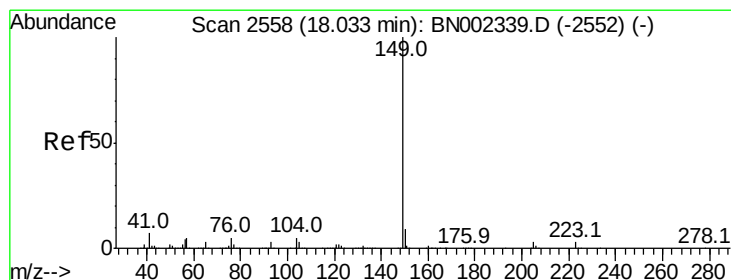
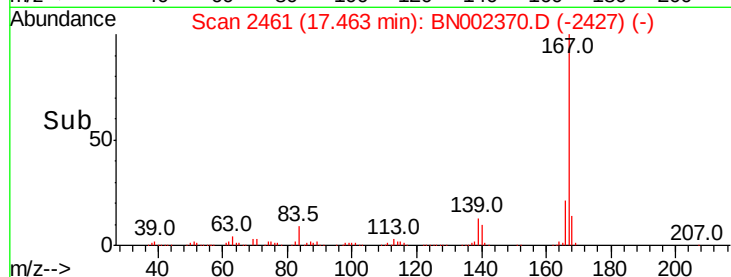
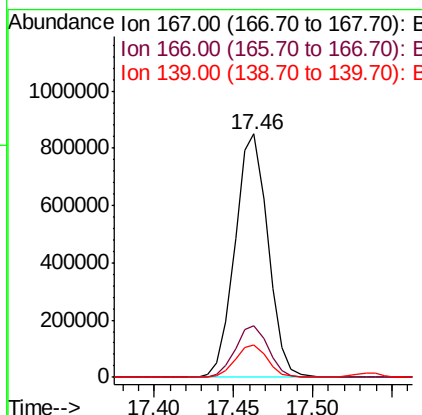
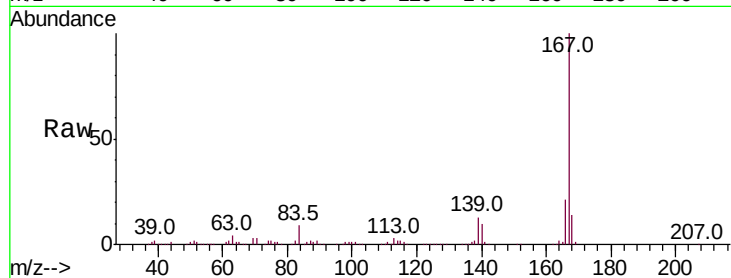


#74
 Carbazole
 Concen: 20.995 ng/ul
 RT: 17.46 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:167 Resp: 1223705

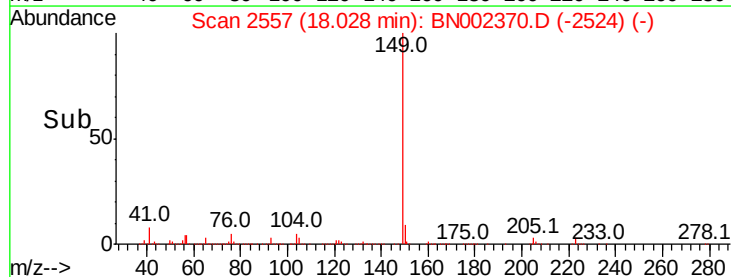
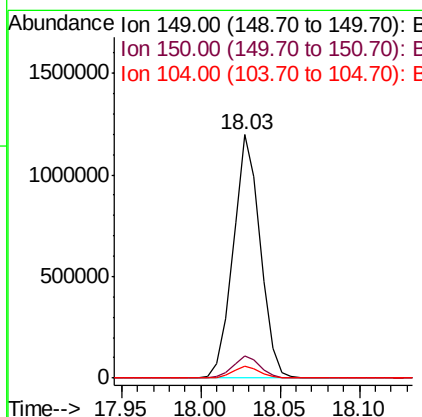
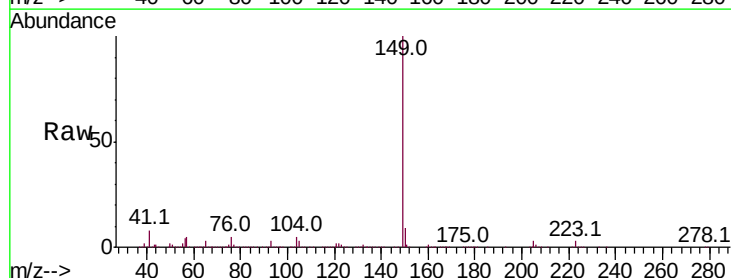
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.2	11.0	16.4

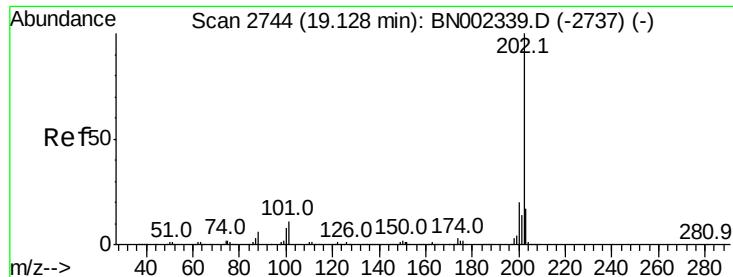


#75
 Di-n-butylphthalate
 Concen: 19.859 ng/ul
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Tgt Ion:149 Resp: 1407138

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.0	4.0	6.0

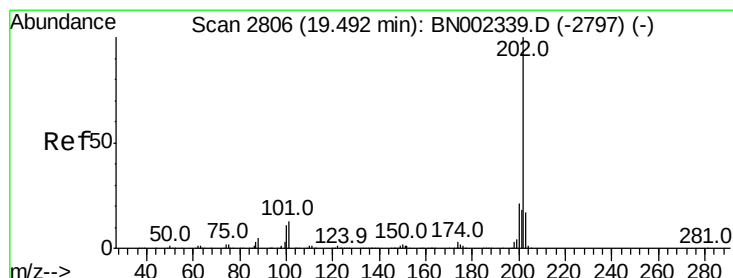
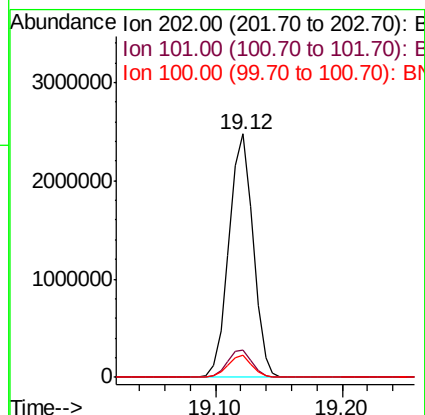
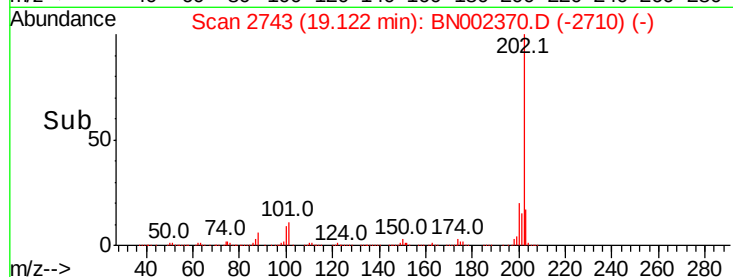
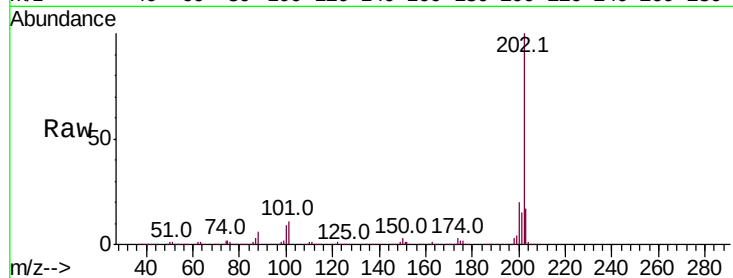




#76
Fluoranthene
Concen: 44.207 ng/ul
RT: 19.12 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

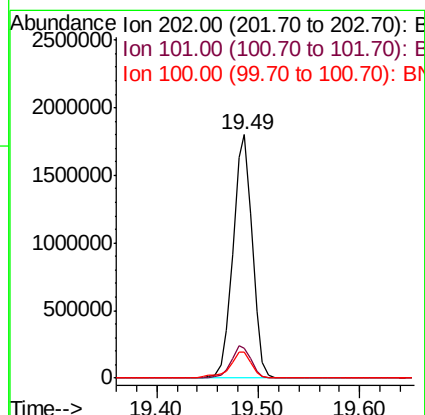
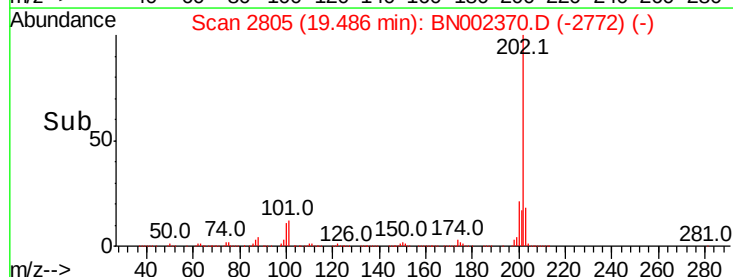
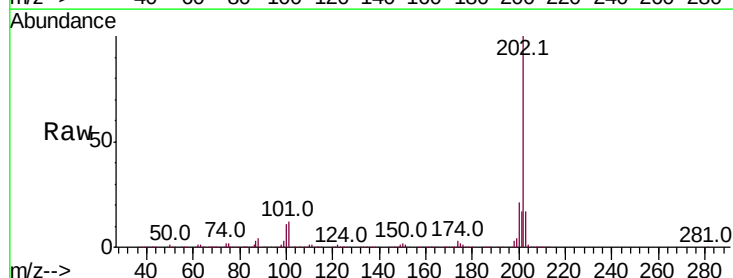
Instrument :
BNA_N
ClientSampleId :

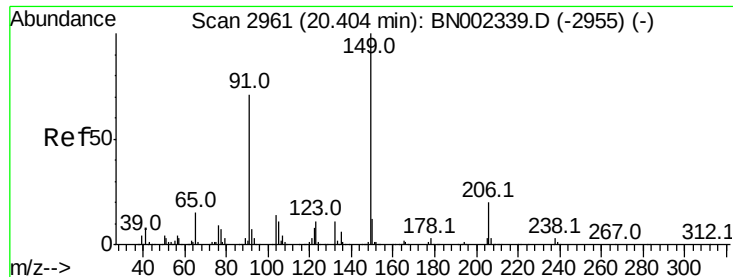
Tot Ion:202 Resp: 3260466
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 9.0 6.6 9.8



#79
Pyrene
Concen: 29.604 ng/ul
RT: 19.49 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

Tgt Ion:202 Resp: 2365046
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.2
100 10.5 8.5 12.7

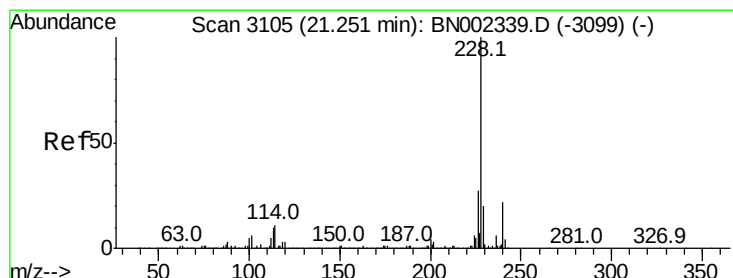
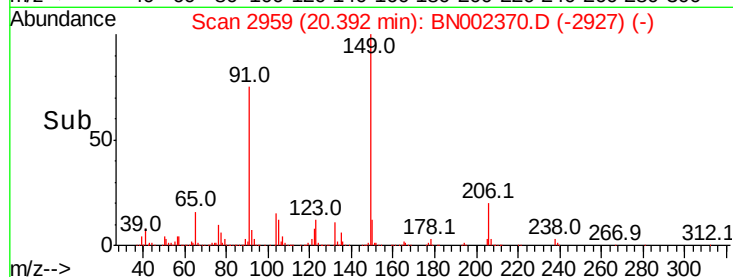
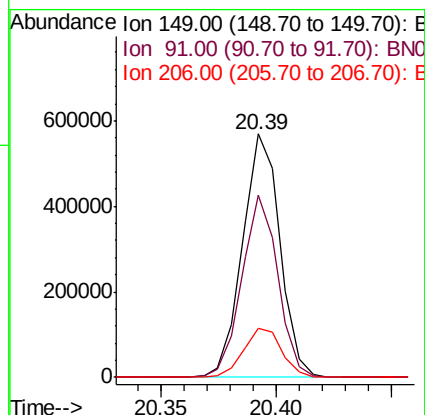
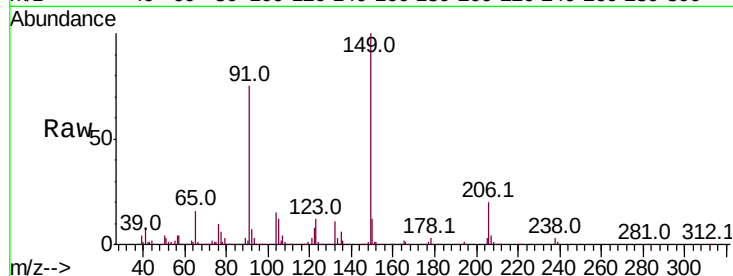




#80
Butylbenzylphthalate
Concen: 18.968 ng/ul
RT: 20.39 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

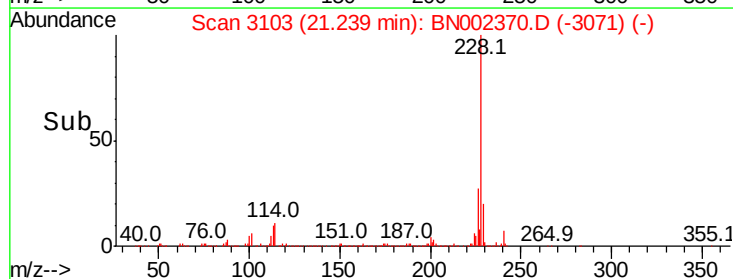
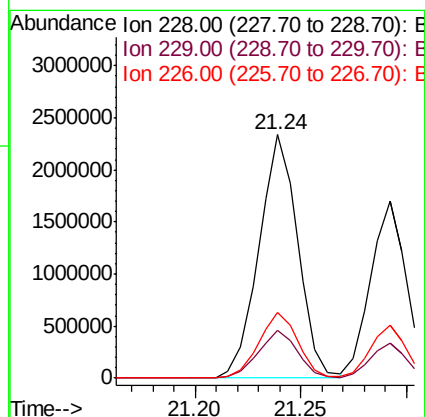
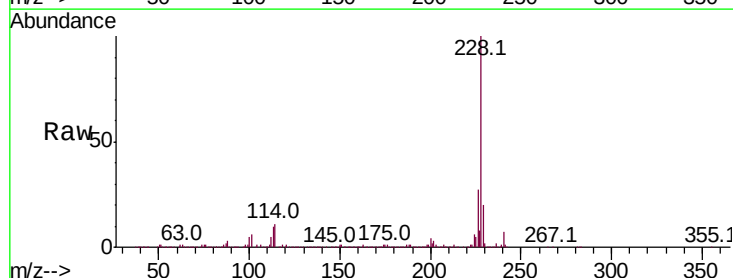
Instrument :
BNA_N
ClientSampleId :

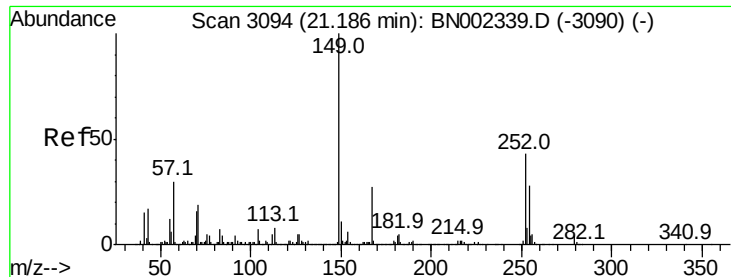
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.0	53.4	80.2
206	20.0	16.6	24.8



#82
Benzo(a)anthracene
Concen: 36.875 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	26.8	21.8	32.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 23.987 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampled :

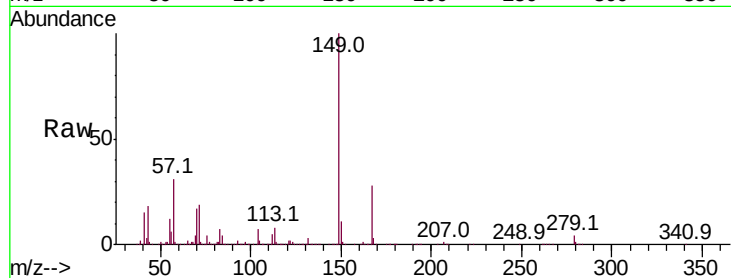
Tot Ion:149 Resp: 1217891

Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

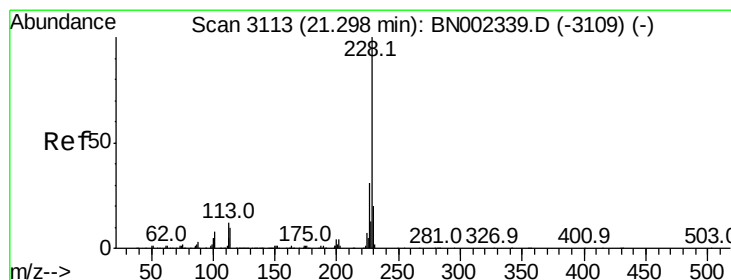
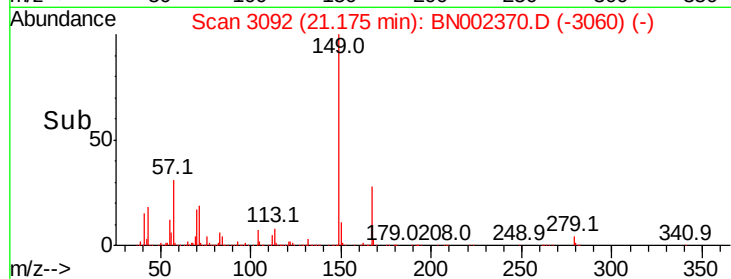
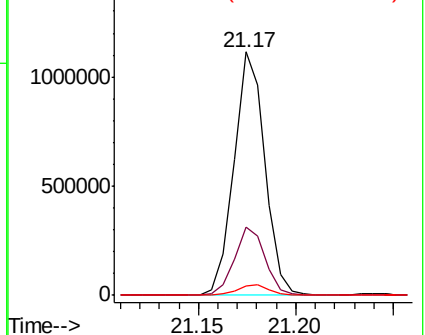
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 26.043 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

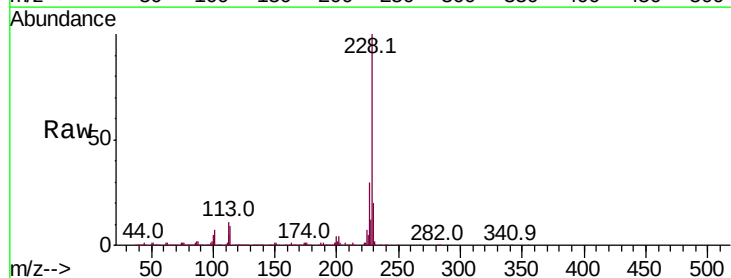
Tgt Ion:228 Resp: 2000735

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

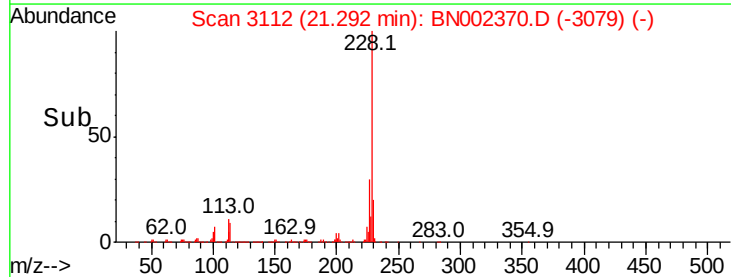
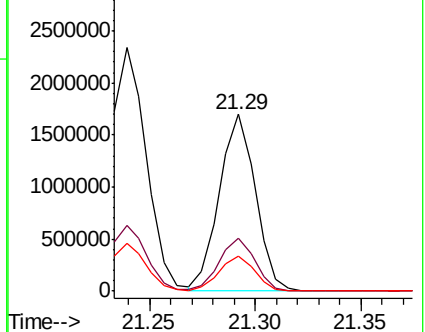
229 19.7 15.6 23.4

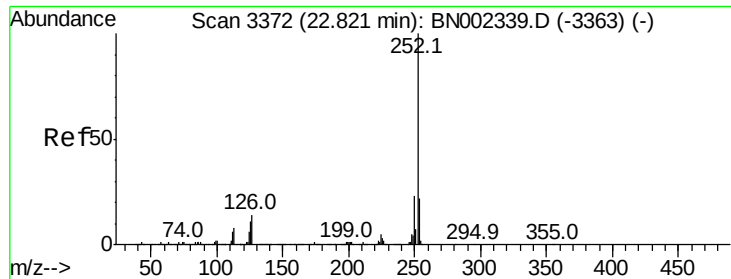


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 26.146 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampleId :

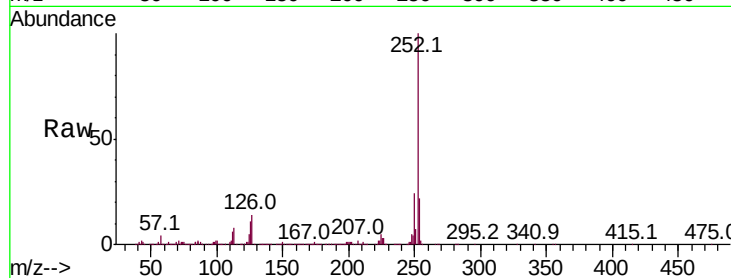
Tot Ion:252 Resp: 2273221

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

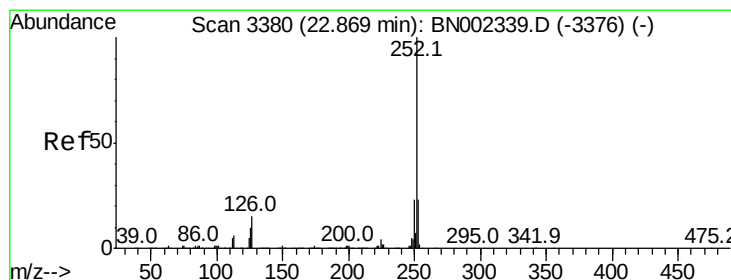
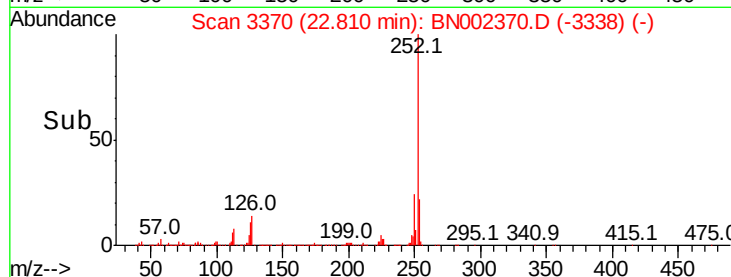
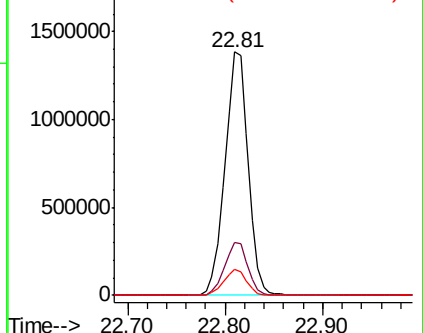
125 10.7 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 27.753 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. -0.06 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

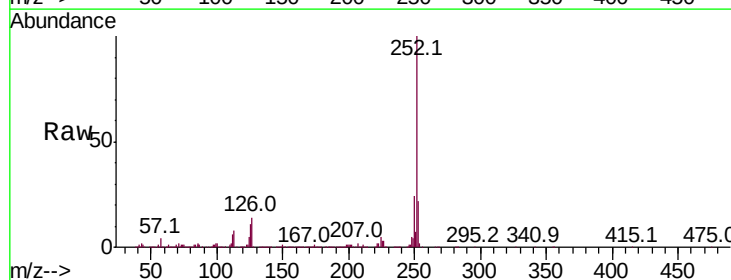
Tgt Ion:252 Resp: 2273221

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

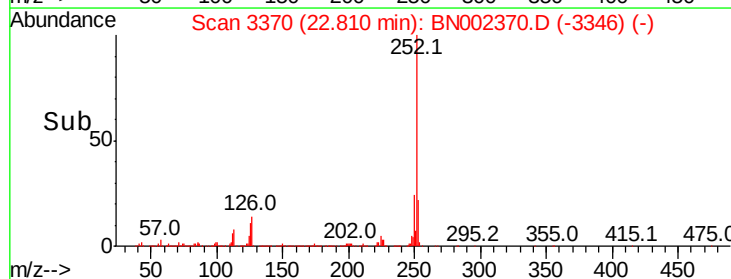
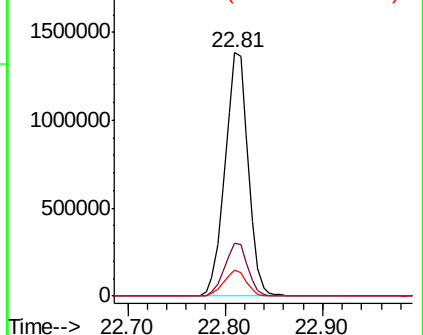
125 10.7 8.2 12.2

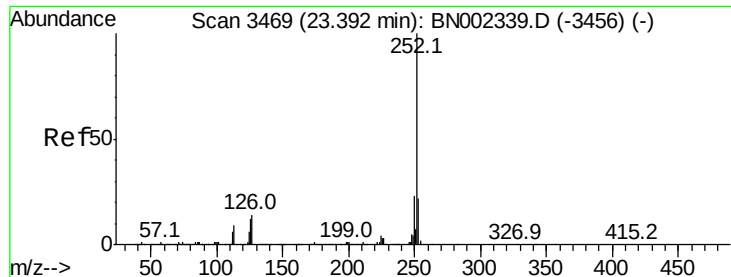


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 24.556 ng/ul

RT: 23.38 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampled :

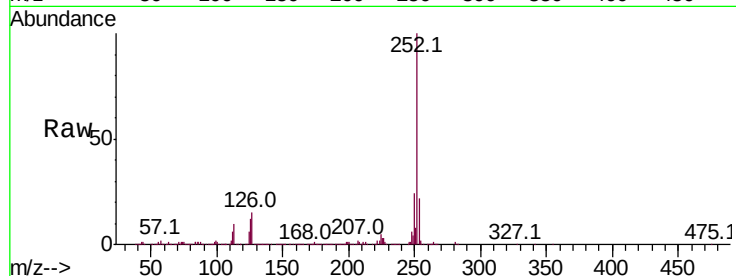
Tot Ion:252 Resp: 2033802

Ion Ratio Lower Upper

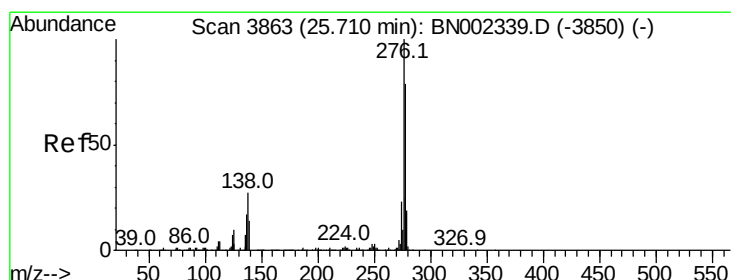
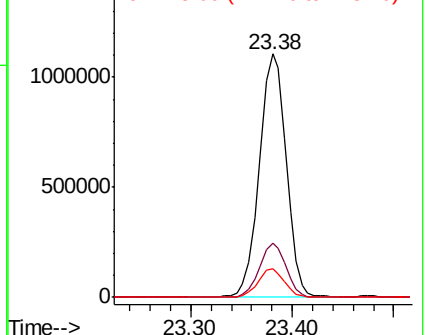
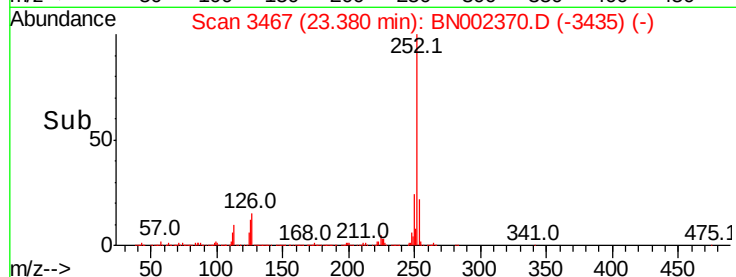
252 100

253 22.3 17.2 25.8

125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
1500000
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: 28.199 ng/ul

RT: 25.70 min Scan# 3861

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

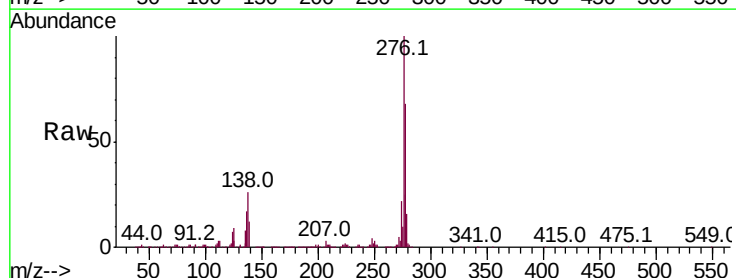
Tgt Ion:276 Resp: 2778491

Ion Ratio Lower Upper

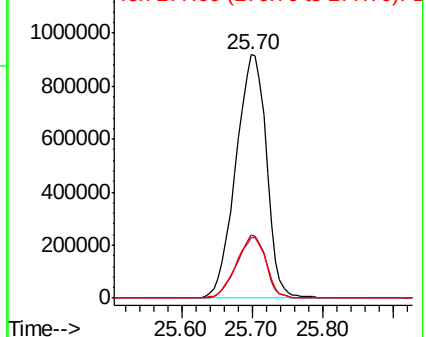
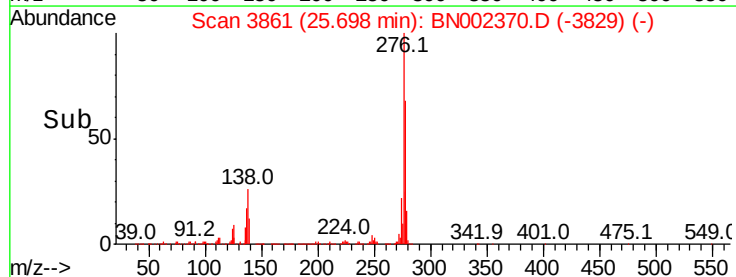
276 100

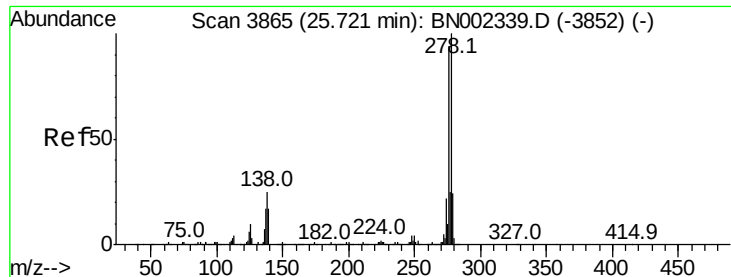
138 25.8 22.3 33.5

277 25.1 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
1200000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 21.996 ng/ul

RT: 25.71 min Scan# 3863

Delta R.T. -0.01 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Instrument :

BNA_N

ClientSampleId :

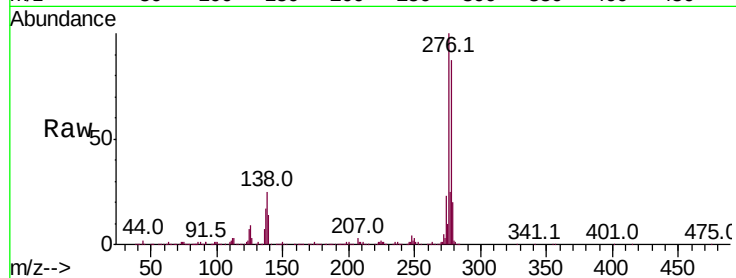
Tot Ion:278 Resp: 1811854

Ion Ratio Lower Upper

278 100

139 16.4 13.9 20.9

279 23.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

1000000 Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

