

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 :
 A3YQ0

Quant Time: Aug 18 02:06:34 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
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
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
56) Diethylphthalate	15.14	149	297627	7.201	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	325152	16.772	ng/ul	94

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

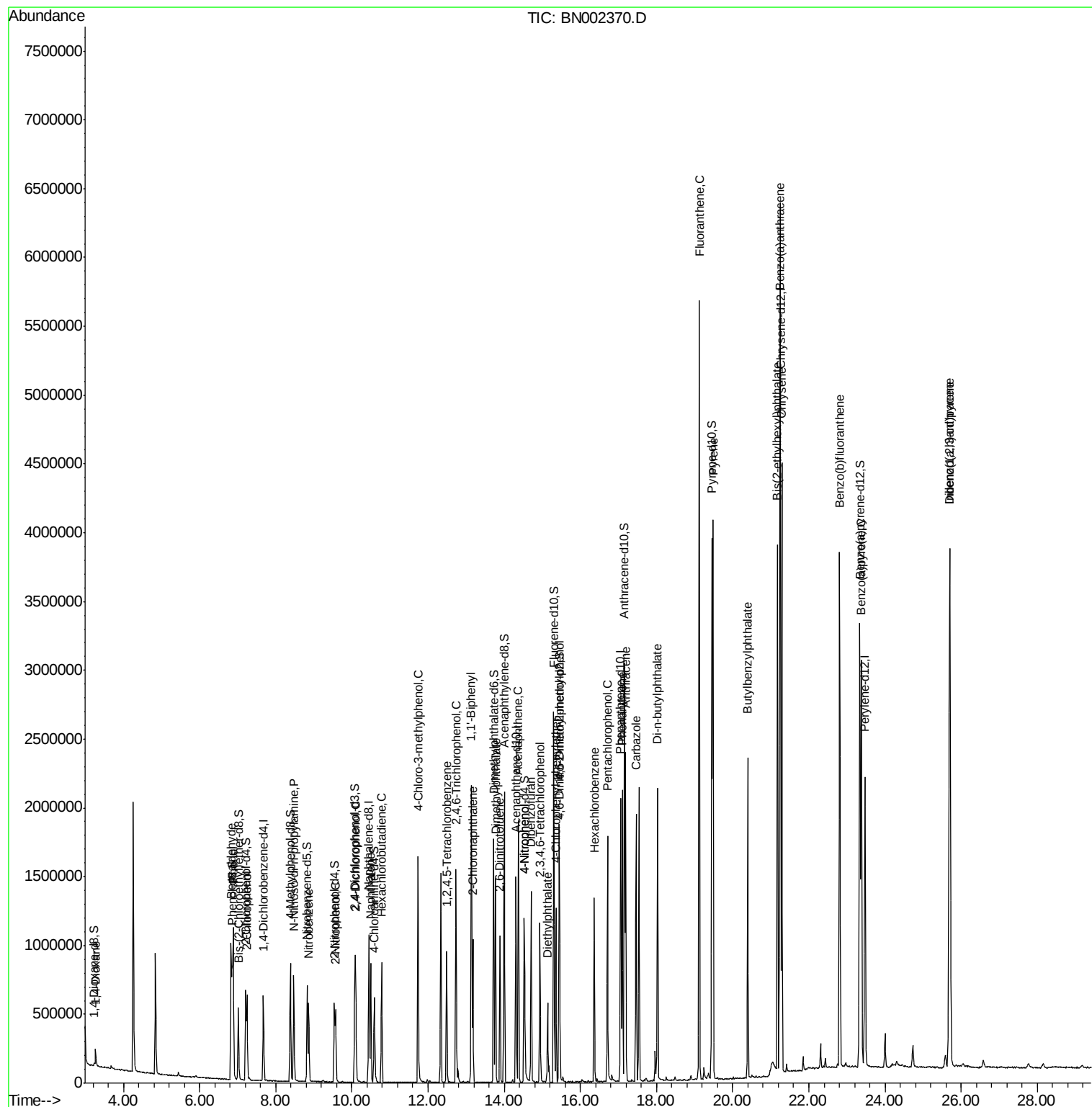
63) 4,6-Dinitro-2-methylphenol	15.45	198	298751	38.696	ng/ul	99
66) Hexachlorobenzene	16.36	284	273172	20.411	ng/ul	96
68) Pentachlorophenol	16.71	266	301732	40.277	ng/ul	98
69) Phenanthrene	17.10	178	1212698	18.714	ng/ul	99
71) Anthracene	17.19	178	1444349	21.976	ng/ul	99
74) Carbazole	17.46	167	1223705	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
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

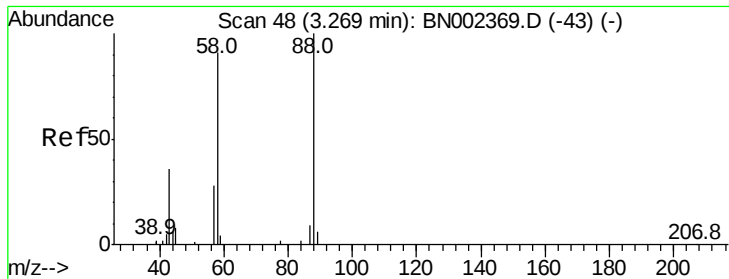
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

A3YQ0

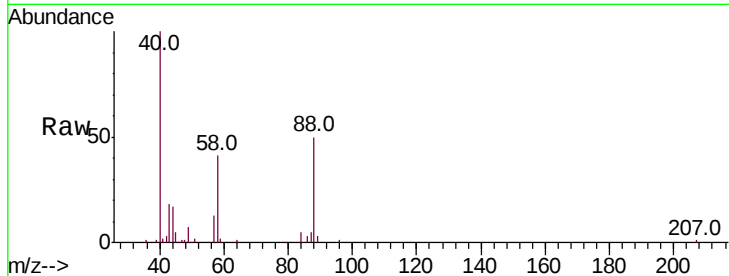
Tot Ion: 88 Resp: 66884

Ion Ratio Lower Upper

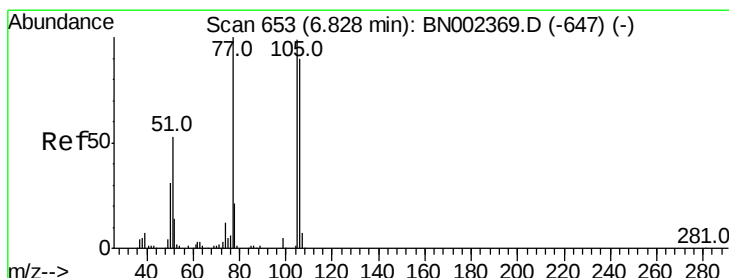
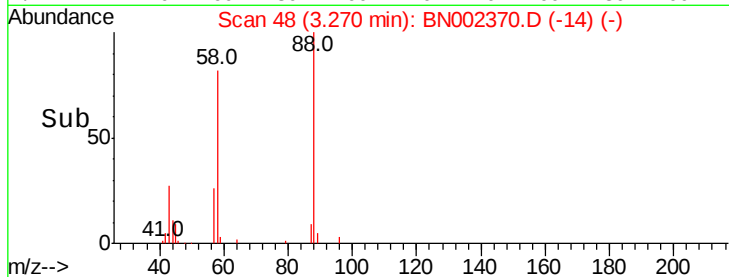
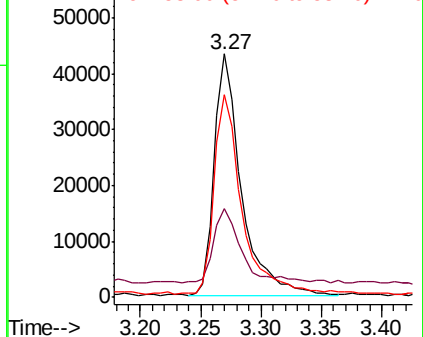
88 100

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

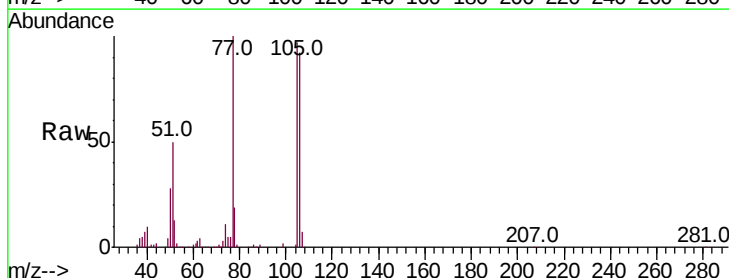
Tgt Ion: 77 Resp: 334939

Ion Ratio Lower Upper

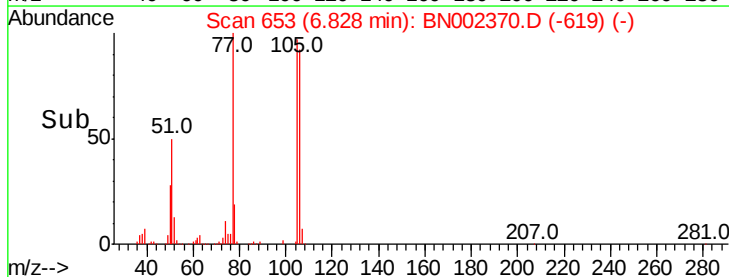
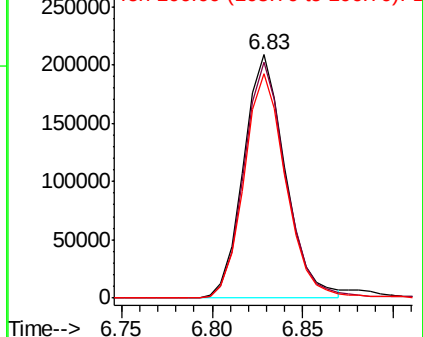
77 100

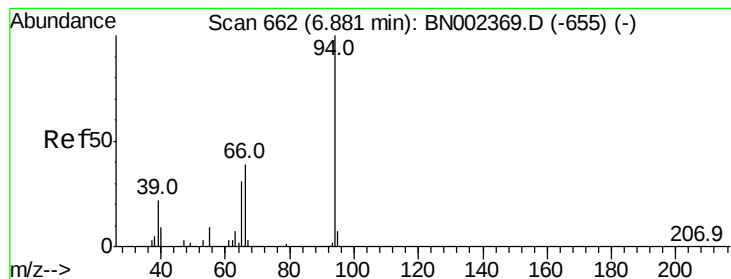
105 96.7 80.6 120.8

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 :

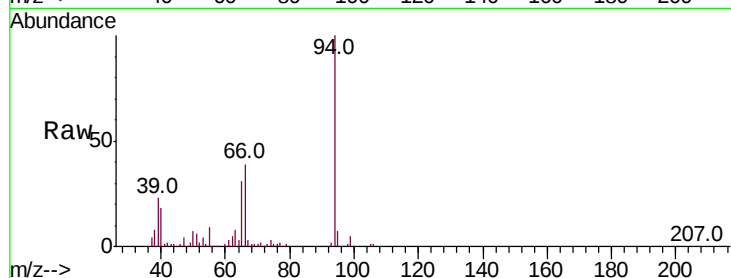
BNA_N

ClientSampleId :

A3YQ0

Tot Ion: 94 Resp: 562657

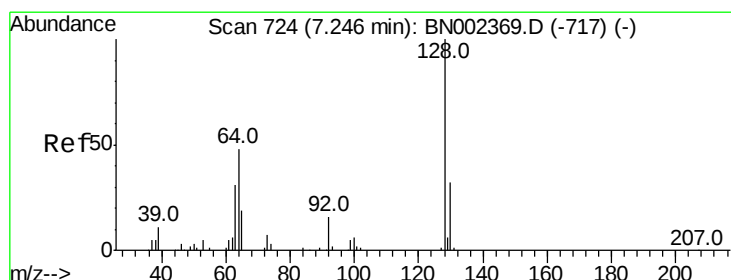
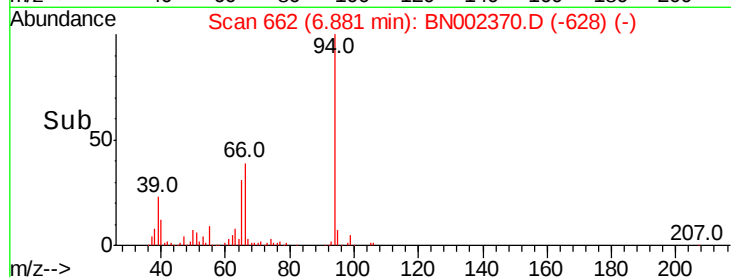
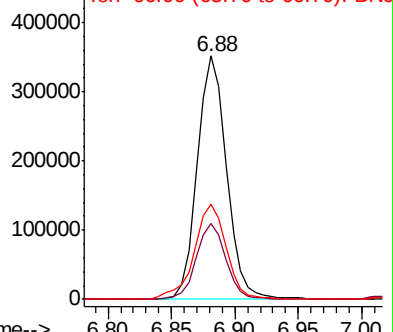
Ion	Ratio	Lower	Upper
94	100		
65	31.0	21.0	31.6
66	38.9	29.3	43.9



Abundance Ion 94.00 (93.70 to 94.70): BN002369.D (-655) (-)

Ion 65.00 (64.70 to 65.70): BN002369.D (-655) (-)

Ion 66.00 (65.70 to 66.70): BN002369.D (-655) (-)



#10

2-Chlorophenol

Concen: 22.781 ng/ul

RT: 7.25 min Scan# 724

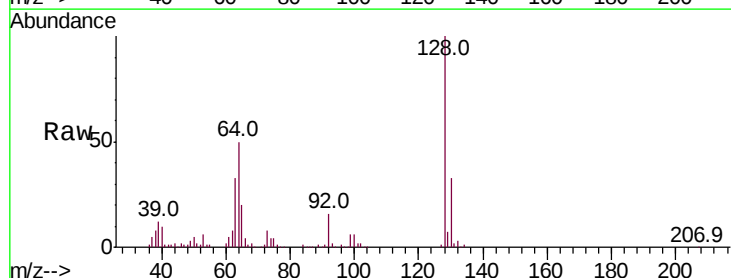
Delta R.T. 0.00 min

Lab File: BN002370.D

Acq: 17 Aug 2018 09:33

Tgt Ion: 128 Resp: 265915

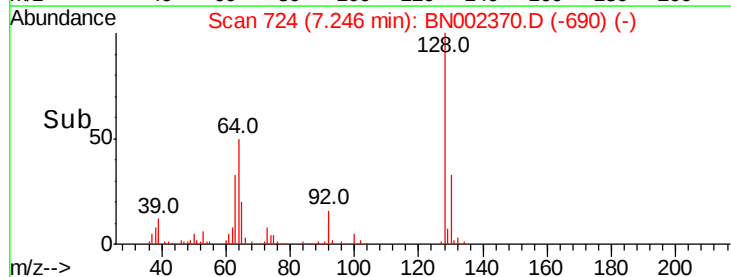
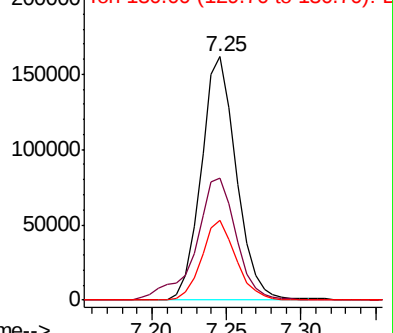
Ion	Ratio	Lower	Upper
128	100		
64	50.2	31.9	47.9#
130	32.8	25.6	38.4

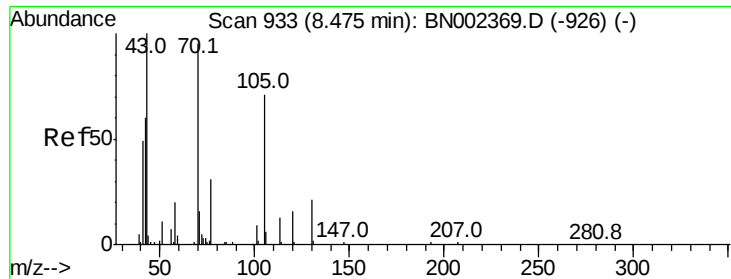


Abundance Ion 128.00 (127.70 to 128.70): BN002369.D (-717) (-)

Ion 64.00 (63.70 to 64.70): BN002369.D (-717) (-)

Ion 130.00 (129.70 to 130.70): BN002369.D (-717) (-)





#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 :

A3YQ0

Tot Ion: 70 Resp: 263152

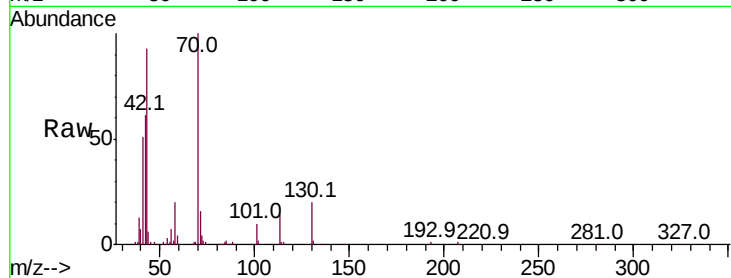
Ion Ratio Lower Upper

70 100

42 61.1 35.4 53.0#

101 9.7 8.4 12.6

130 19.9 18.2 27.4

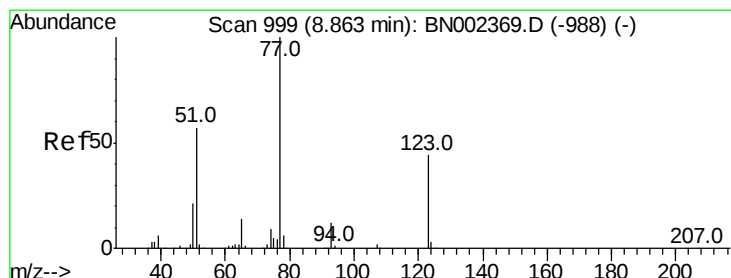
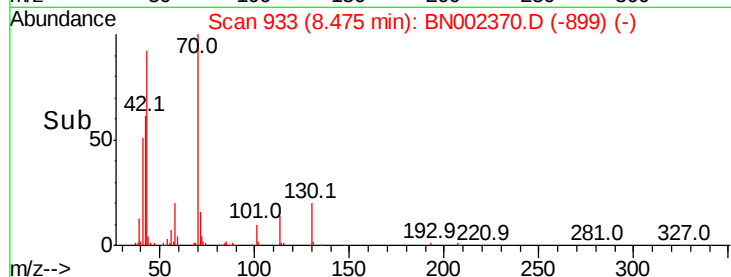
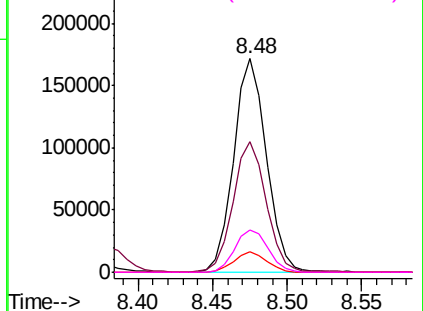


Abundance Ion 70.00 (69.70 to 70.70): BN0

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

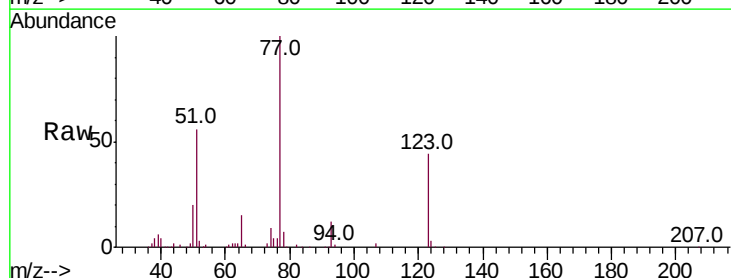
Tgt Ion: 77 Resp: 315256

Ion Ratio Lower Upper

77 100

123 44.3 39.0 58.4

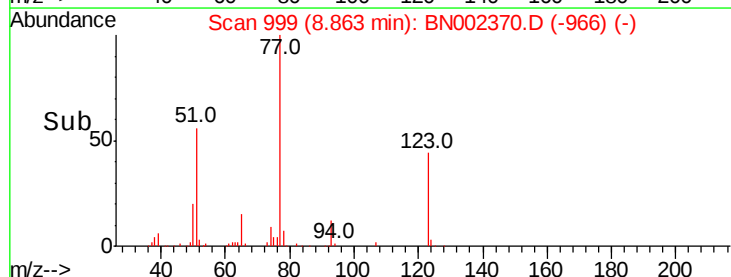
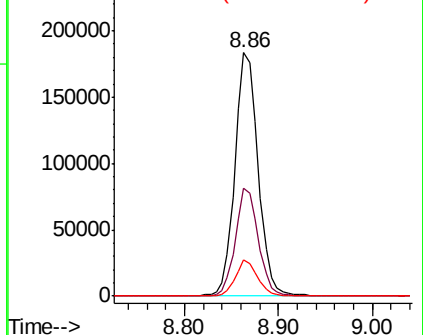
65 15.0 10.4 15.6

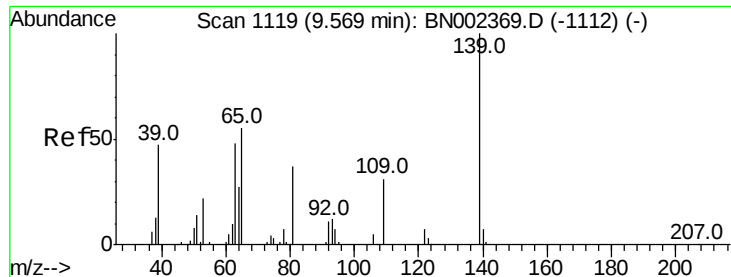


Abundance Ion 77.00 (76.70 to 77.70): BN0

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 :

A3YQ0

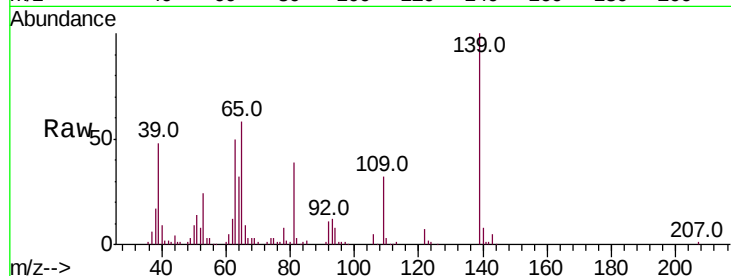
Tot Ion:139 Resp: 157517

Ion Ratio Lower Upper

139 100

65 57.9 36.3 54.5#

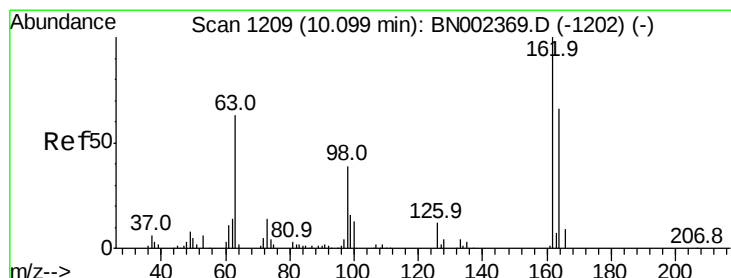
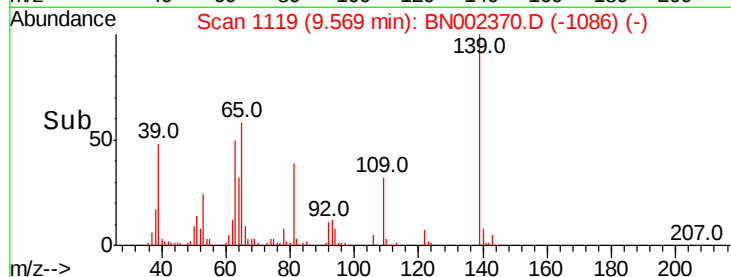
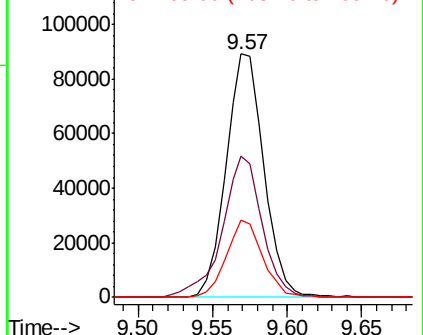
109 31.5 26.4 39.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BN

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

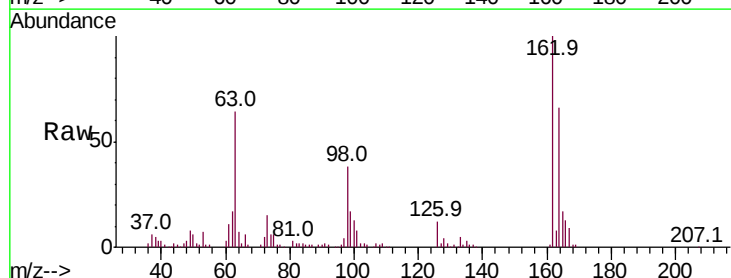
Tgt Ion:162 Resp: 291578

Ion Ratio Lower Upper

162 100

164 65.5 52.1 78.1

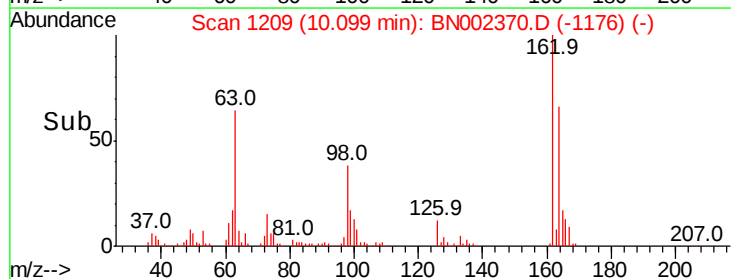
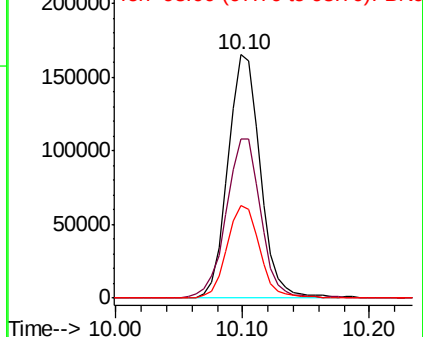
98 38.0 28.4 42.6

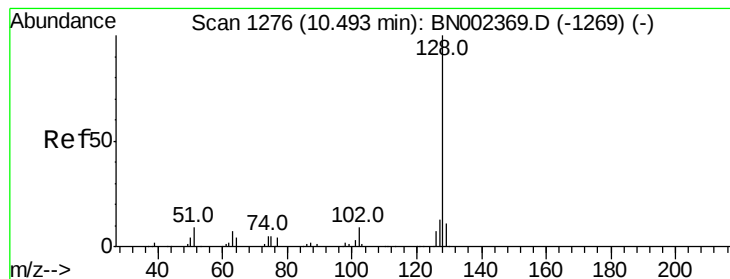


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BN





#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

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ClientSampleId :

A3YQ0

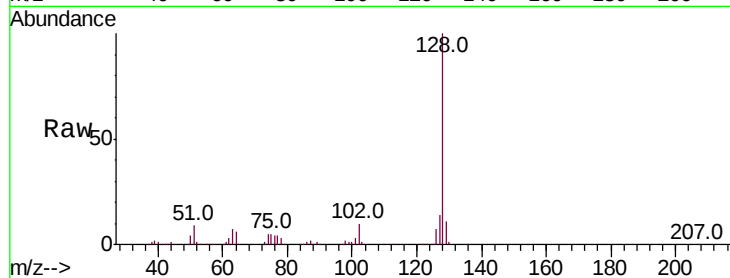
Tot Ion:128 Resp: 688212

Ion Ratio Lower Upper

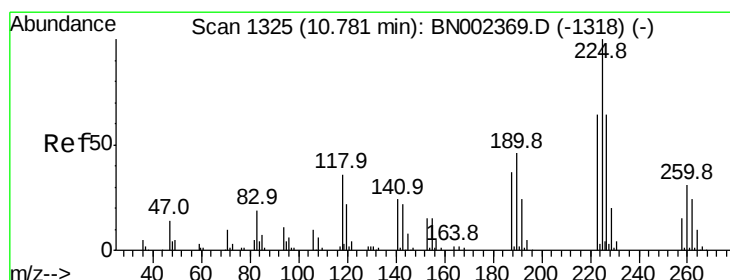
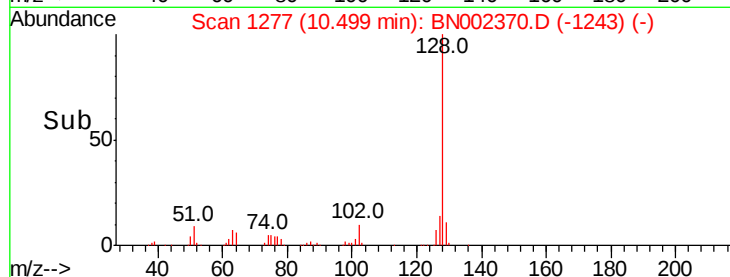
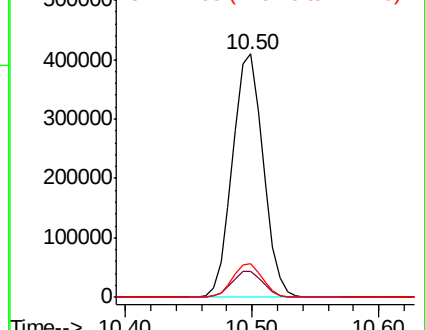
128 100

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



#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

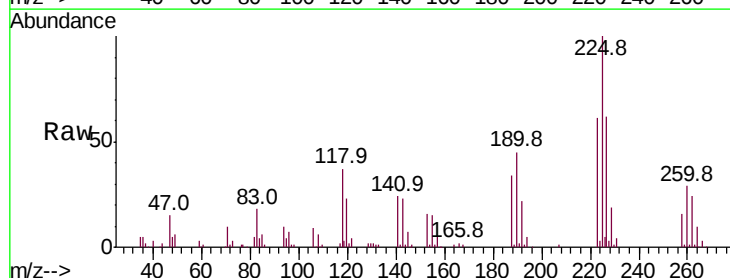
Tgt Ion:225 Resp: 187749

Ion Ratio Lower Upper

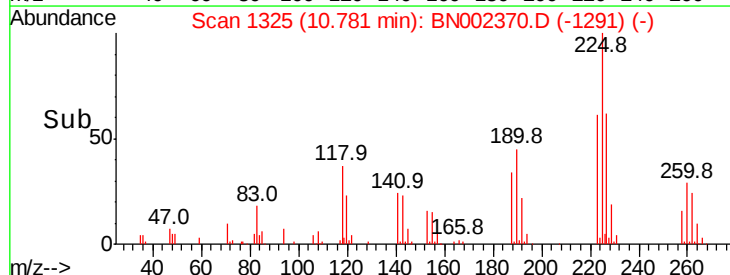
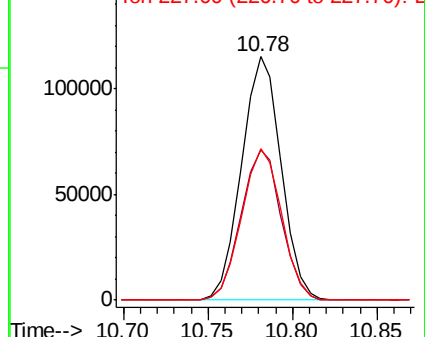
225 100

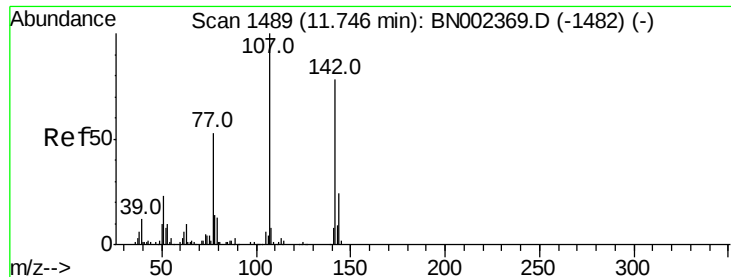
223 61.4 51.4 77.2

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

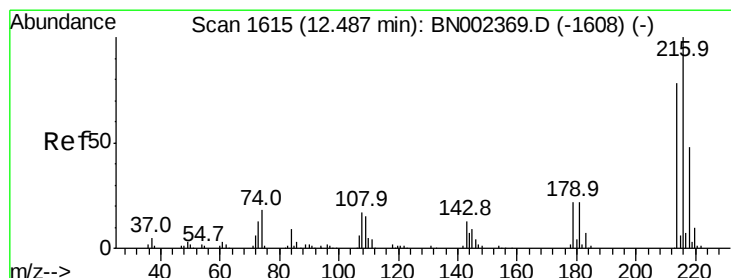
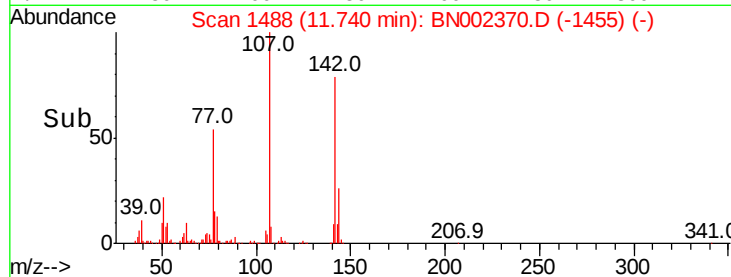
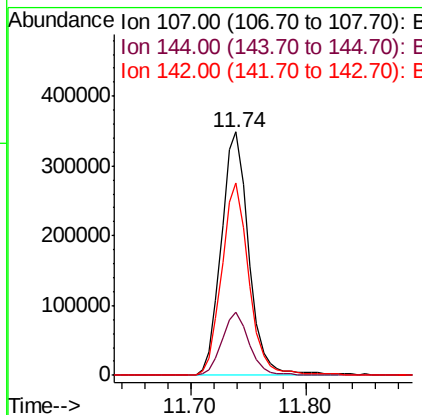
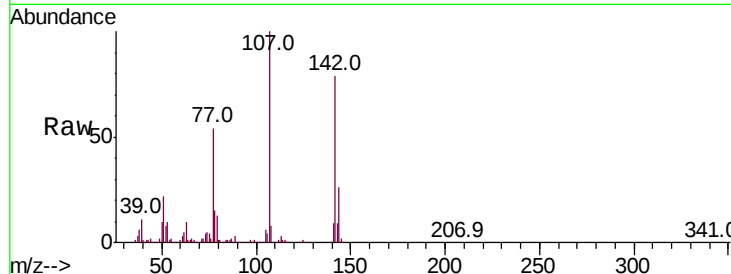




#33
 4-Chloro-3-methylphenol
 Concen: 41.988 ng/ul
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

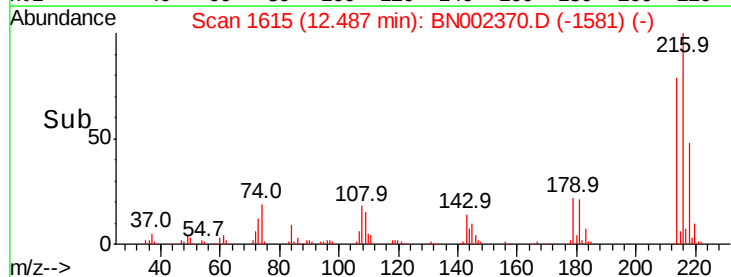
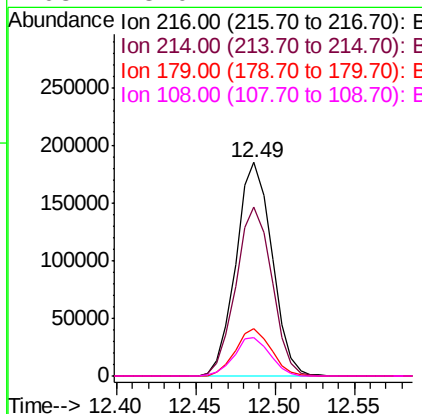
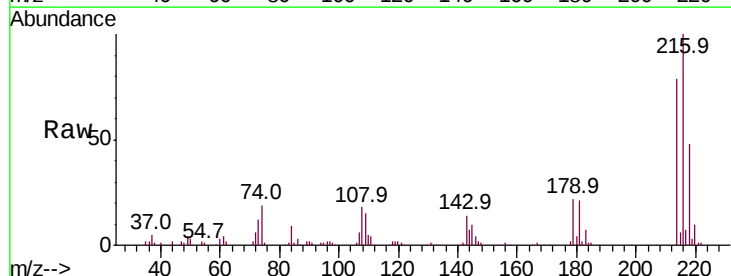
Instrument :
 BNA_N
 ClientSampleId :
 A3YQ0

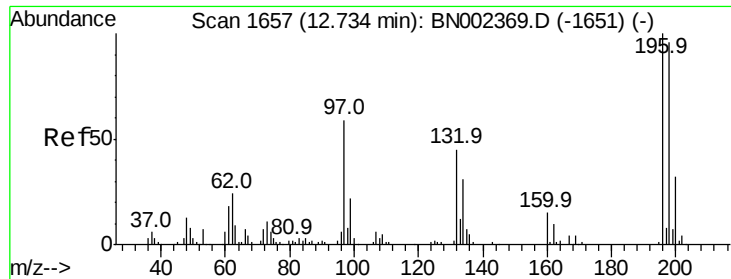
Tot Ion:107 Resp: 578754
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.4 30.6
 142 79.0 62.5 93.7



#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

Tgt 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

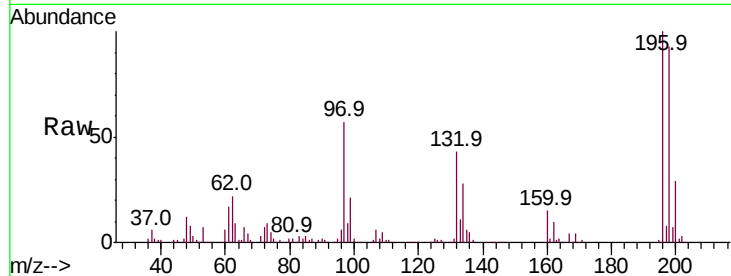




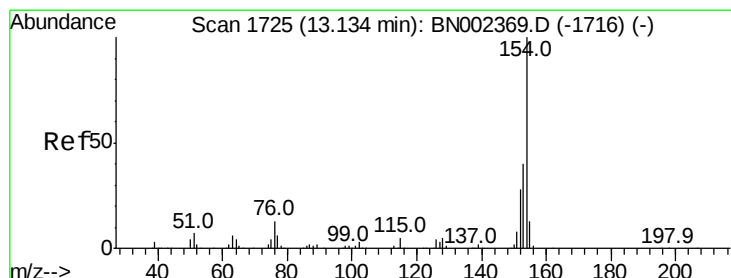
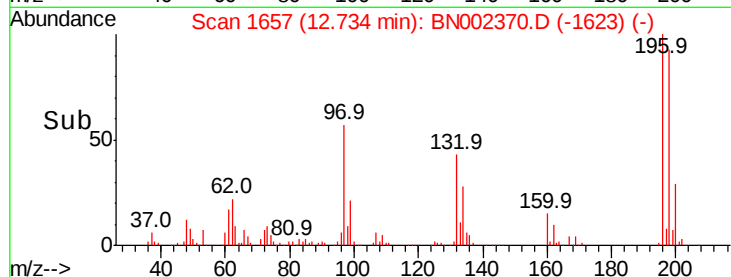
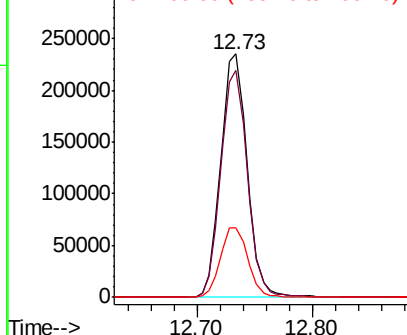
#38
 2,4,6-Trichlorophenol
 Concen: 38.597 ng/ul
 RT: 12.73 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Instrument :
 BNA_N
 ClientSampleId :
 A3YQ0

Tot Ion:196 Resp: 375084
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.6 114.8
 200 28.8 24.7 37.1

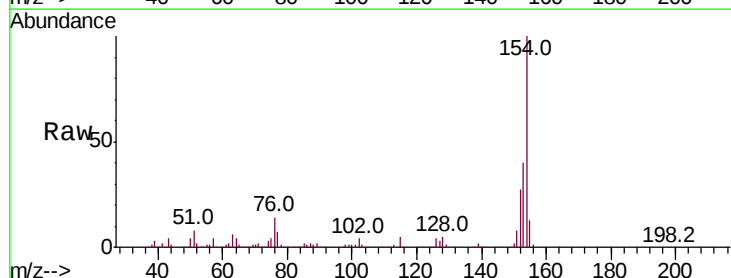


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

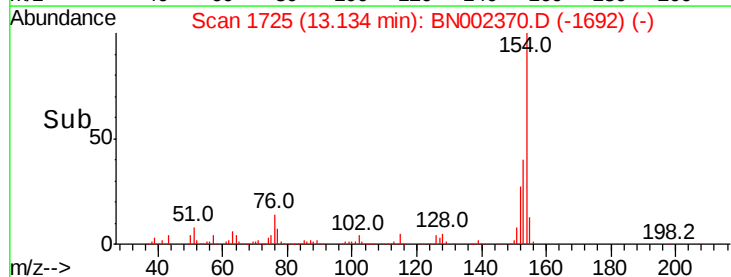
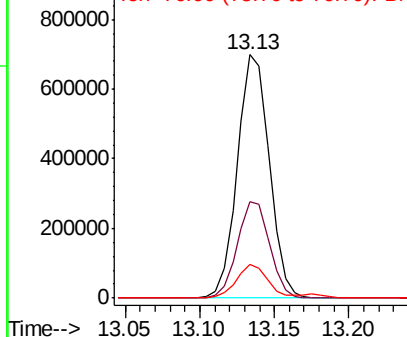


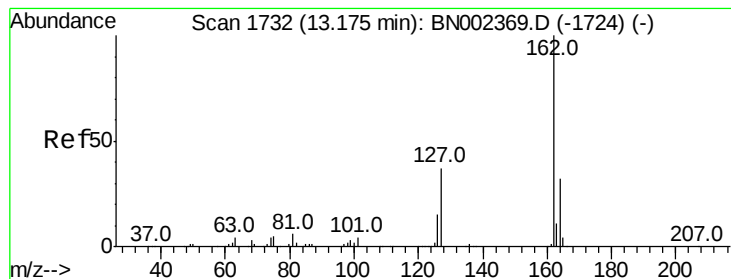
#40
 1,1'-Biphenyl
 Concen: 26.024 ng/ul
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Tgt Ion:154 Resp: 1038011
 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 :

A3YQ0

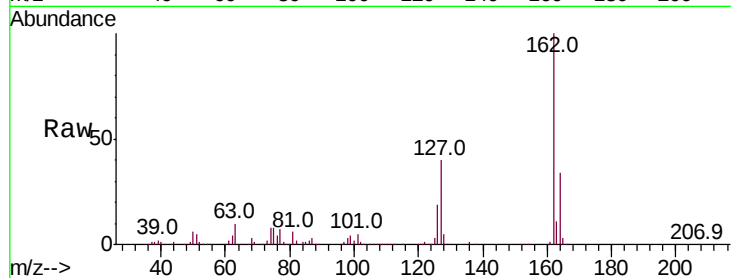
Tot Ion:162 Resp: 494657

Ion Ratio Lower Upper

162 100

164 33.6 25.9 38.9

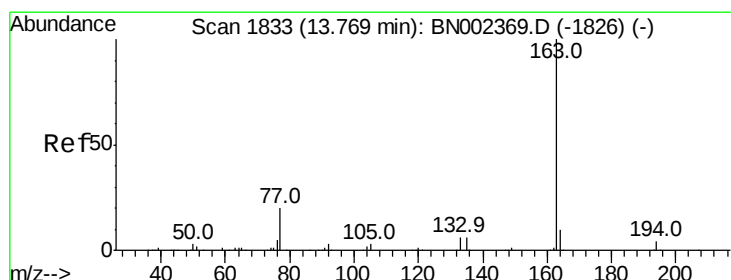
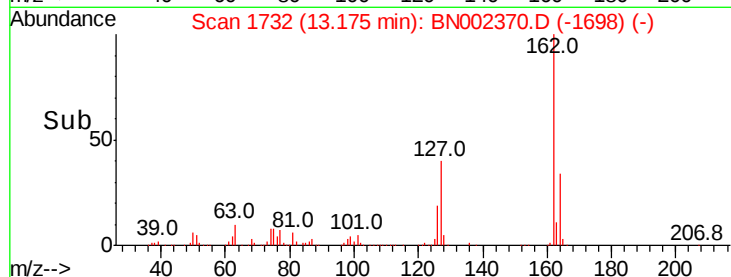
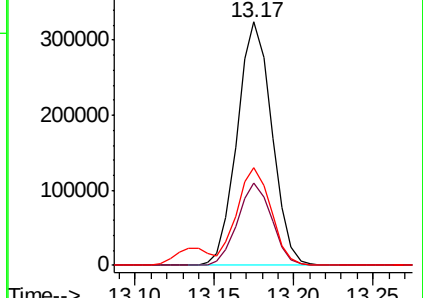
127 40.1 34.1 51.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 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

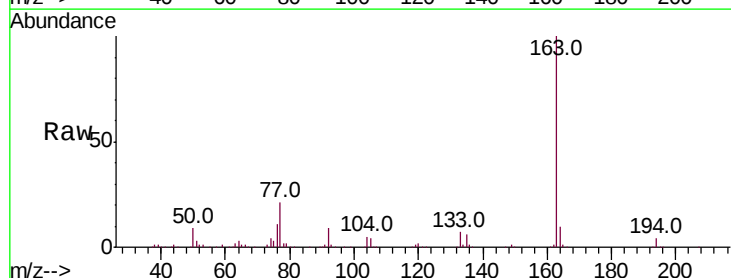
Tgt Ion:163 Resp: 922559

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

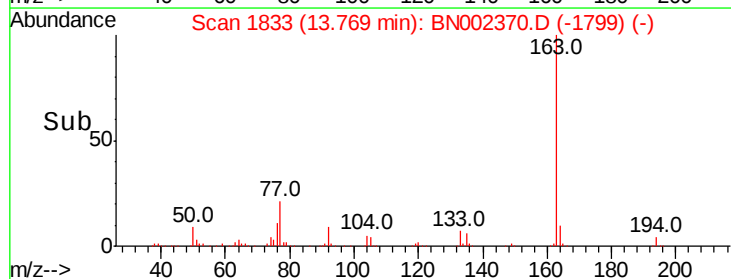
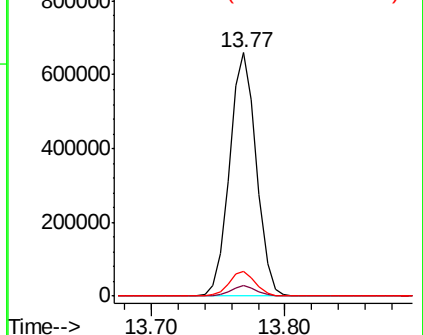
164 10.0 7.8 11.8

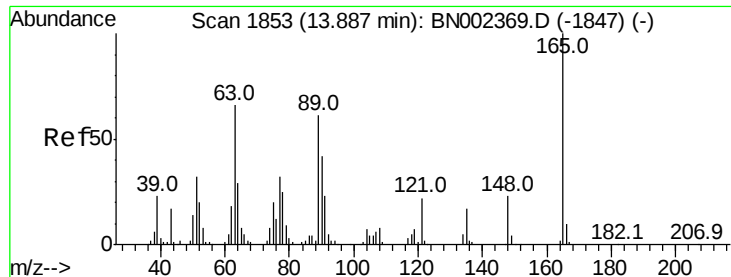


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

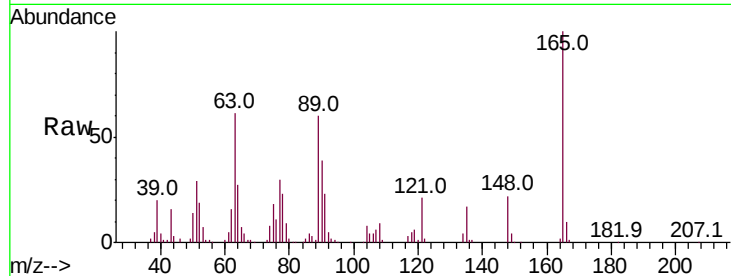




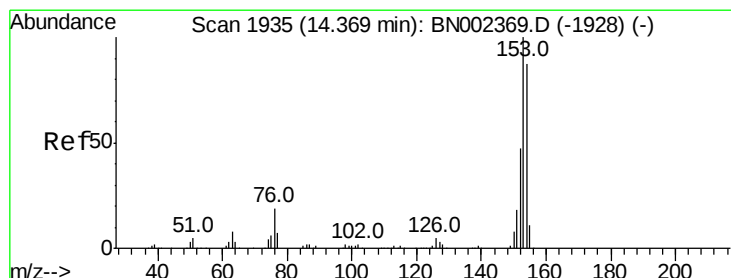
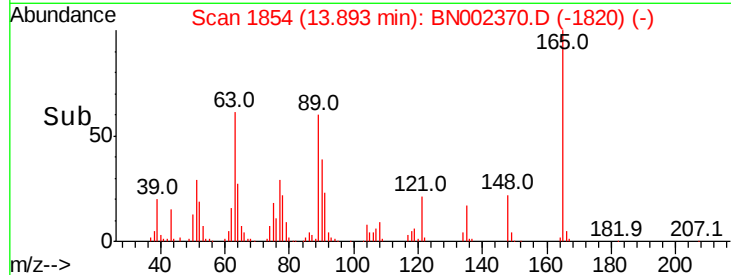
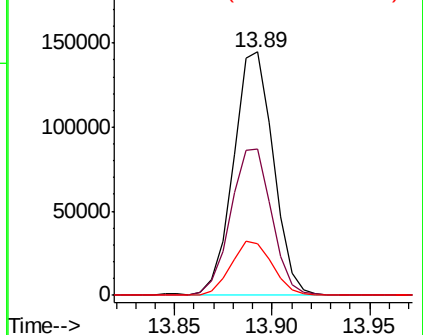
#45
2,6-Dinitrotoluene
Concen: 25.058 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

Instrument :
BNA_N
ClientSampleId :
A3YQ0

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

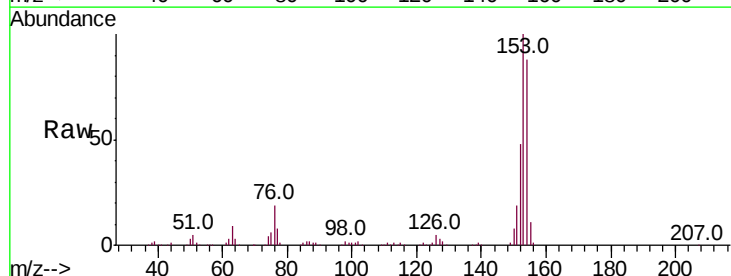


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNO
Ion 121.00 (120.70 to 121.70): E

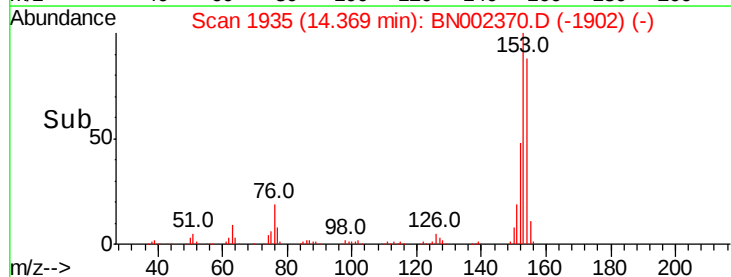
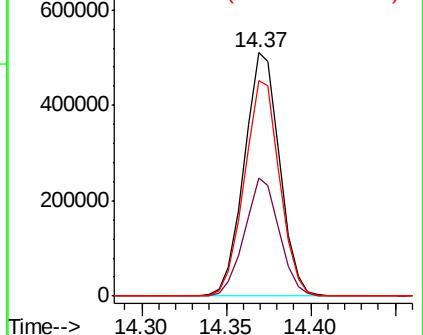


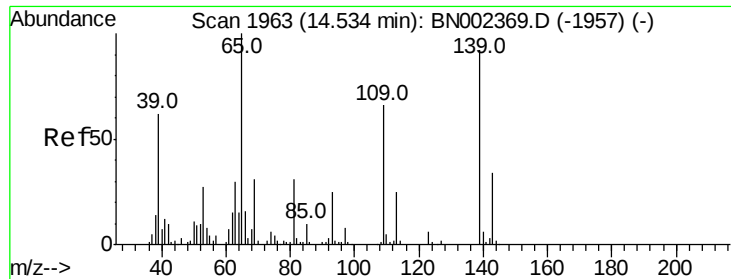
#49
Acenaphthene
Concen: 21.902 ng/ul
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

Tgt Ion	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 :

A3YQ0

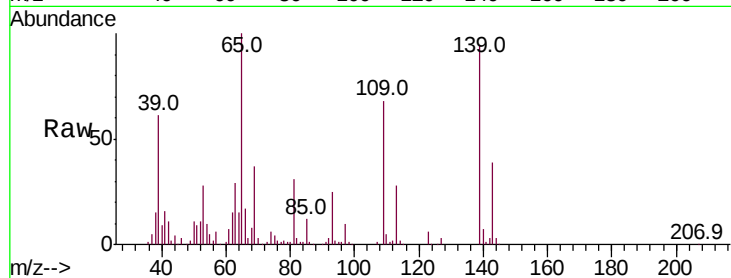
Tot Ion:109 Resp: 144980

Ion Ratio Lower Upper

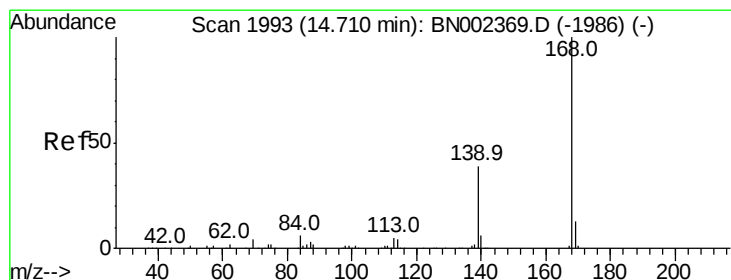
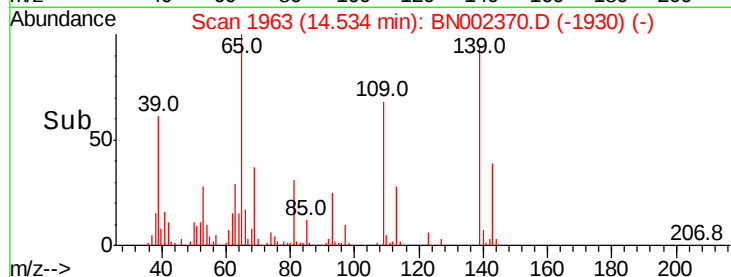
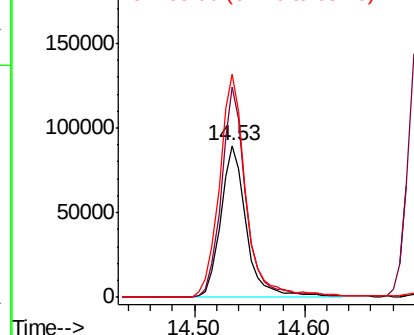
109 100

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

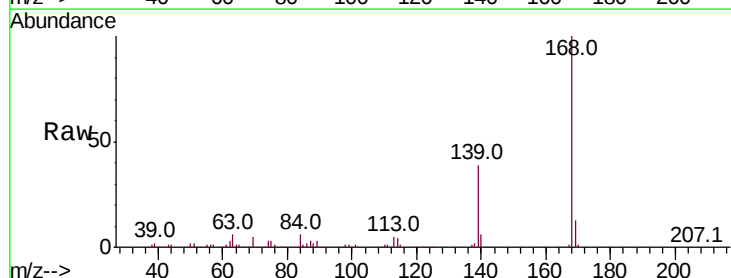
Acq: 17 Aug 2018 09:33

Tgt Ion:168 Resp: 878972

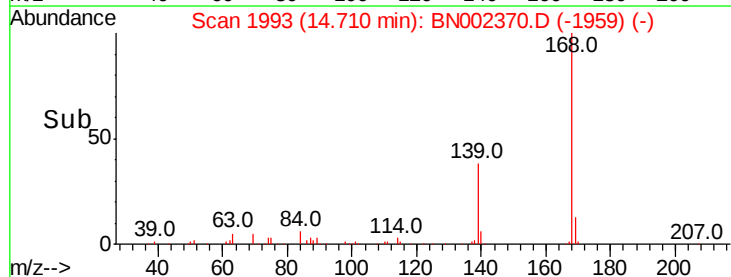
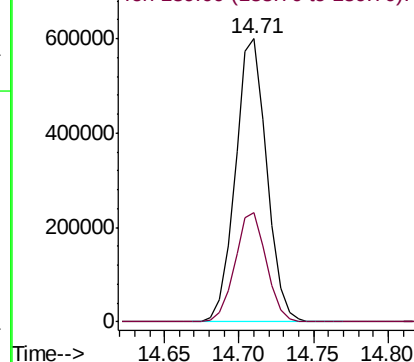
Ion Ratio Lower Upper

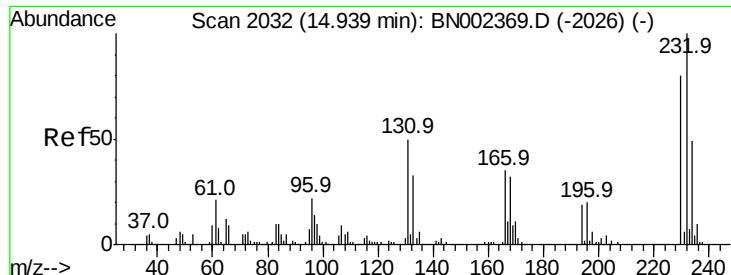
168 100

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

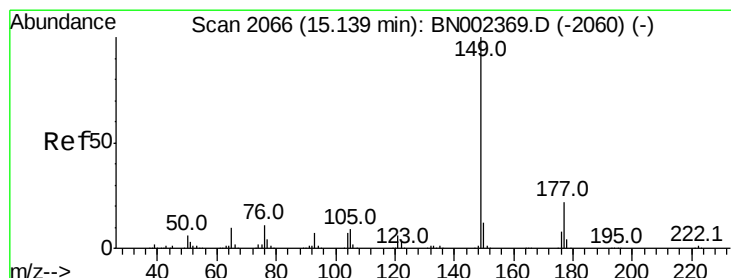
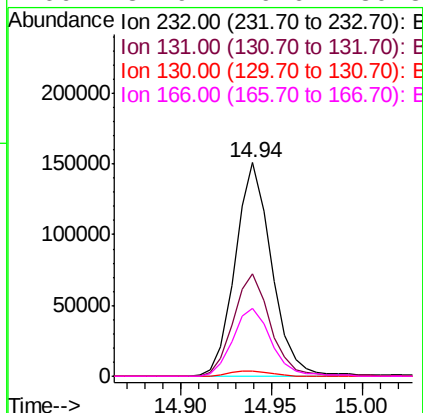
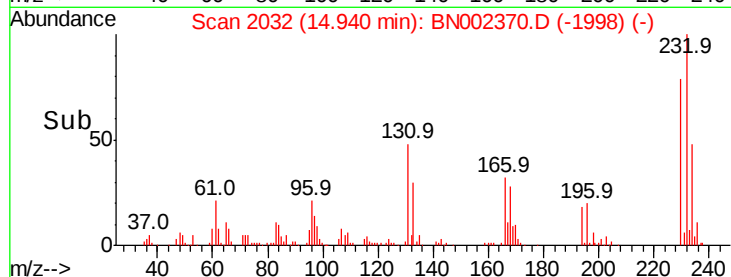
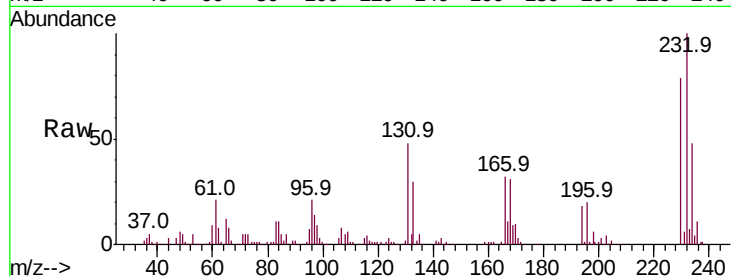




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 23.267 ng/ul
 RT: 14.94 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

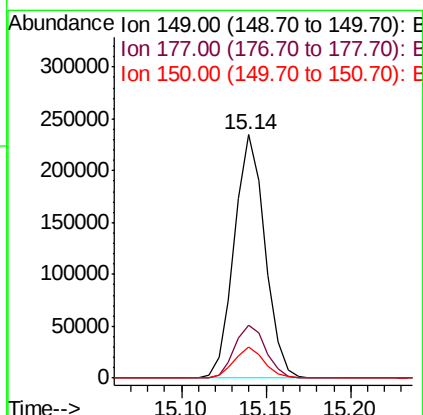
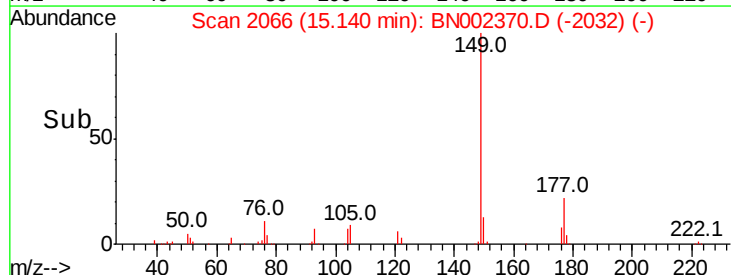
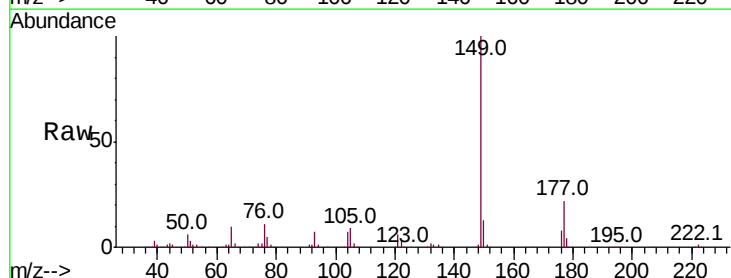
Instrument :
 BNA_N
 ClientSampleId :
 A3YQ0

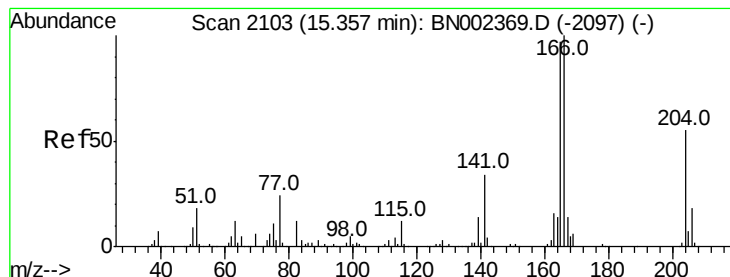
Tot Ion:232	Resp:	211256
Ion	Ratio	Lower Upper
232	100	
131	48.0	39.4 59.2
130	2.5	2.2 3.2
166	31.9	26.6 39.8



#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





#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 :

A3YQ0

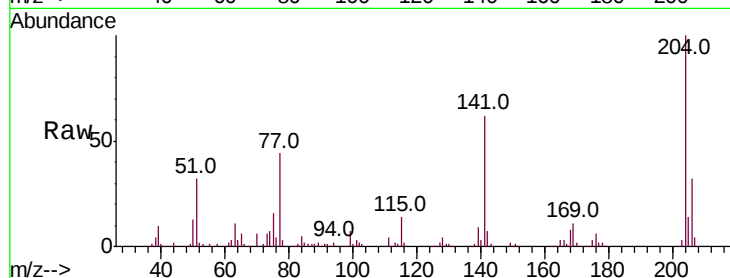
Tot Ion:204 Resp: 325152

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.4

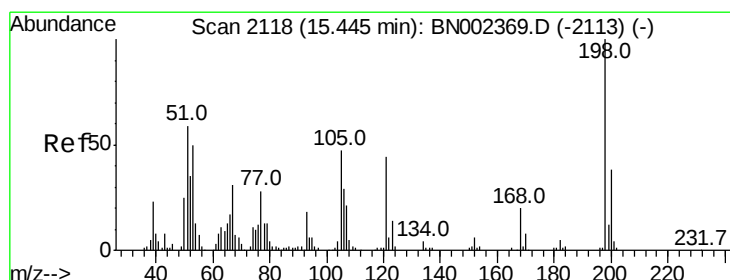
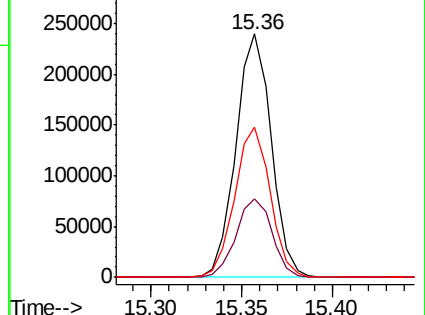
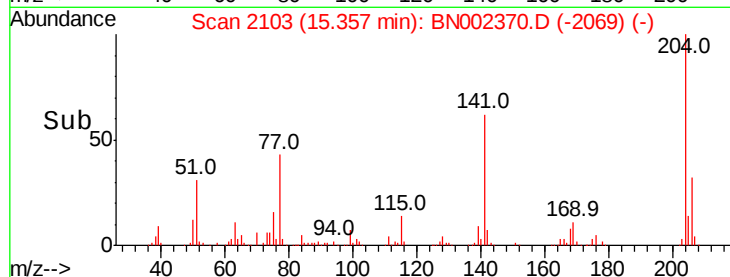
141 61.6 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

4,6-Dinitro-2-methylphenol

Concen: 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

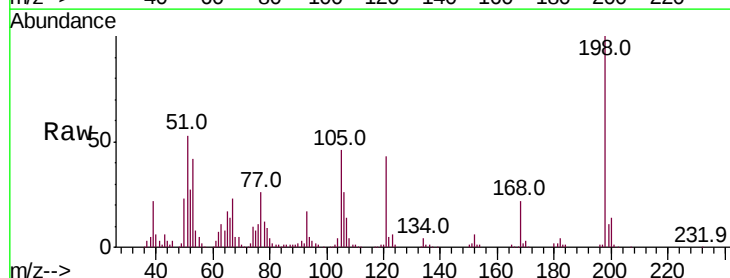
Tgt Ion:198 Resp: 298751

Ion Ratio Lower Upper

198 100

182 4.3 3.1 4.7

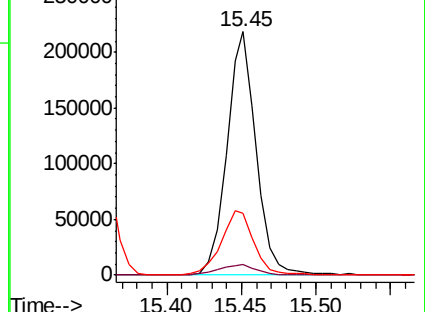
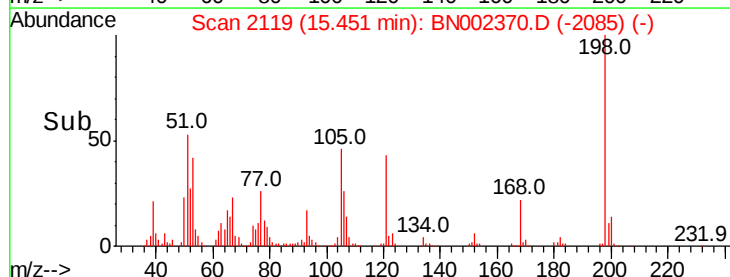
77 25.5 20.1 30.1

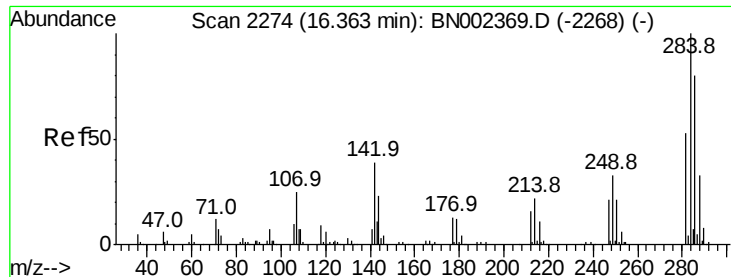


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC

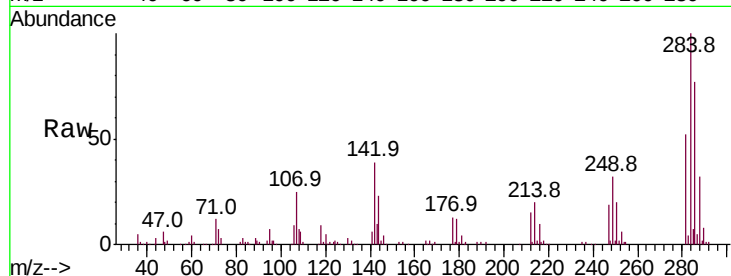




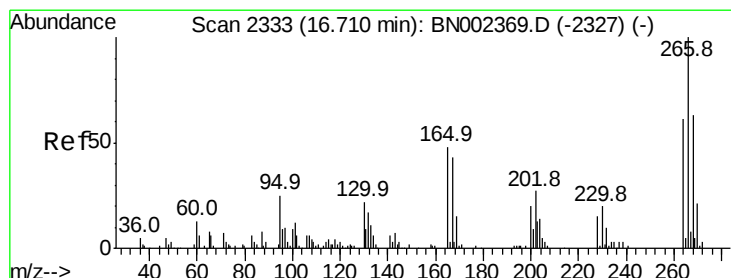
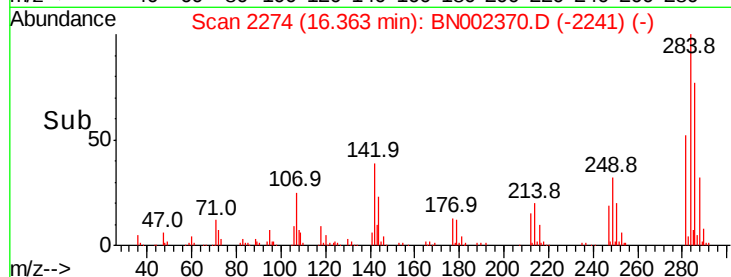
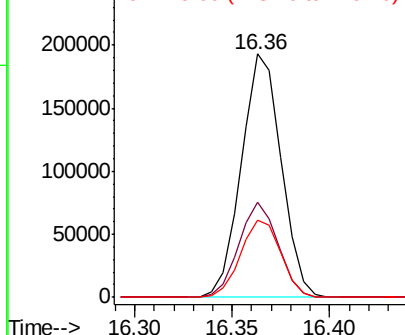
#66
Hexachlorobenzene
Concen: 20.411 ng/ul
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

Instrument :
BNA_N
ClientSampleId :
A3YQ0

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

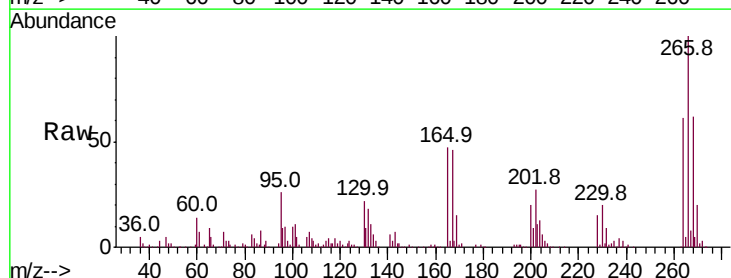


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

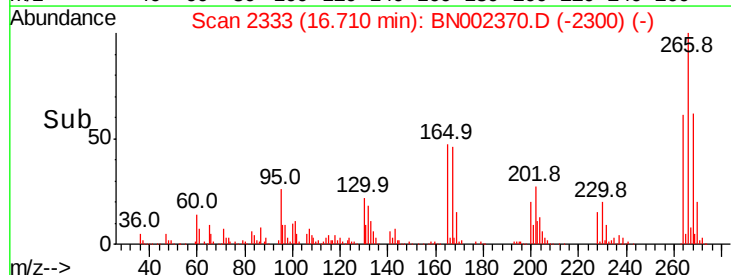
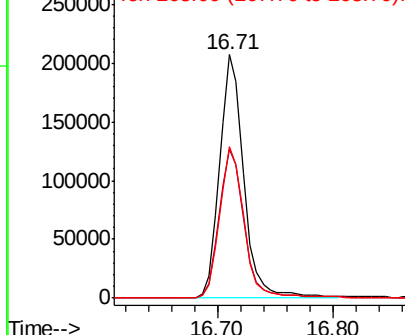


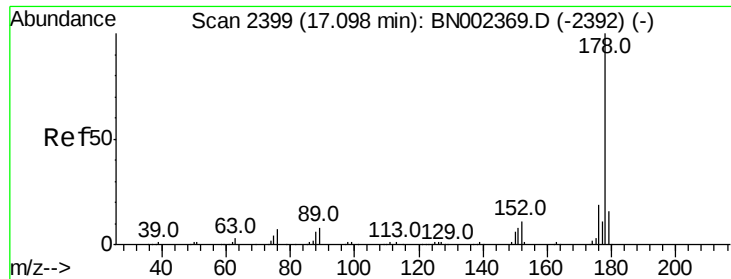
#68
Pentachlorophenol
Concen: 40.277 ng/ul
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN002370.D
Acq: 17 Aug 2018 09:33

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 :

A3YQ0

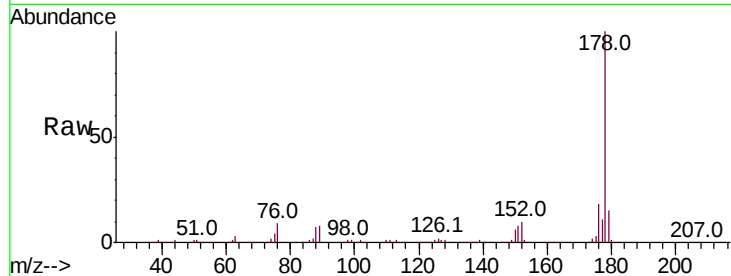
Tot Ion:178 Resp: 1212698

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.4	15.6	23.4

178 100

179 15.2 12.2 18.4

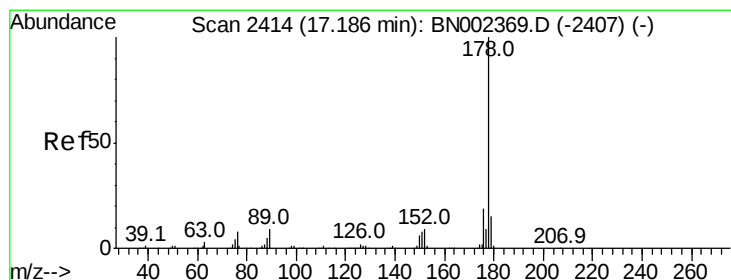
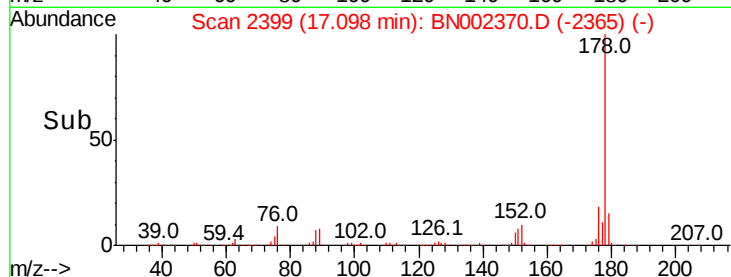
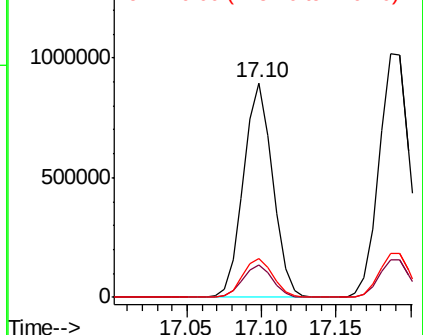
176 18.4 15.6 23.4



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

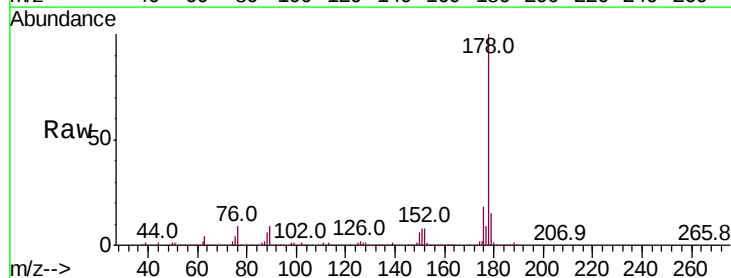
Tgt Ion:178 Resp: 1444349

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.1	14.8	22.2

178 100

179 15.4 12.1 18.1

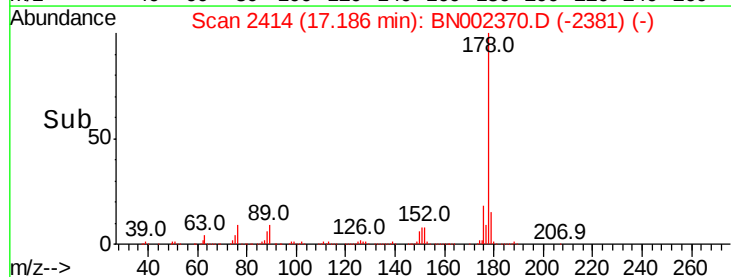
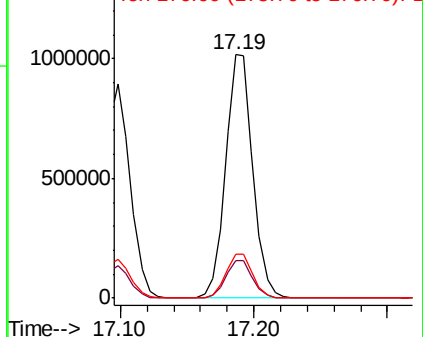
176 18.1 14.8 22.2

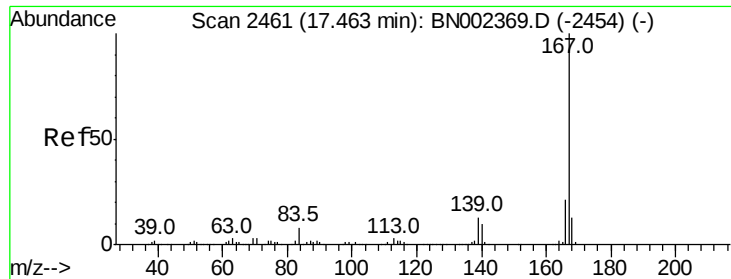


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



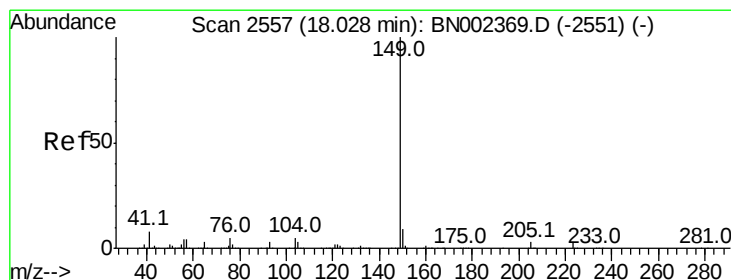
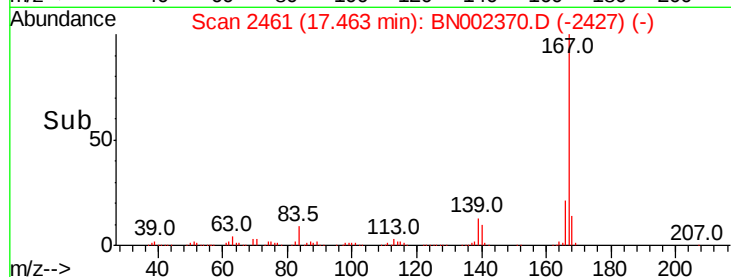
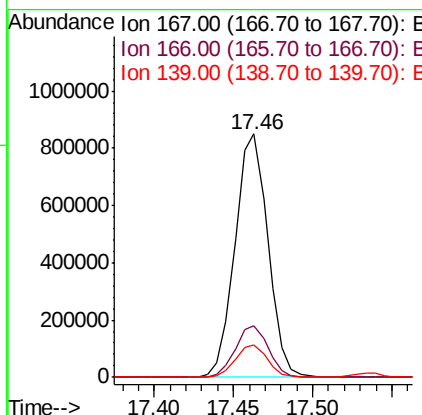
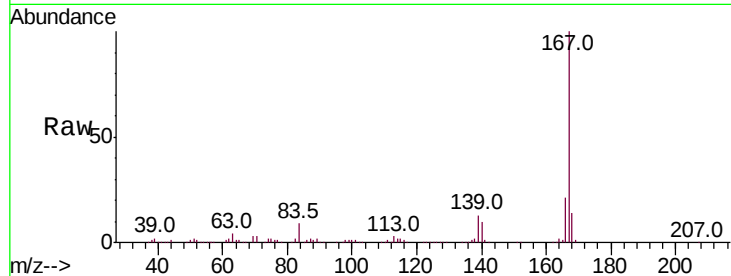


#74
 Carbazole
 Concen: 20.995 ng/ul
 RT: 17.46 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

Instrument :
 BNA_N
 ClientSampleId :
 A3YQ0

Tot Ion:167 Resp: 1223705

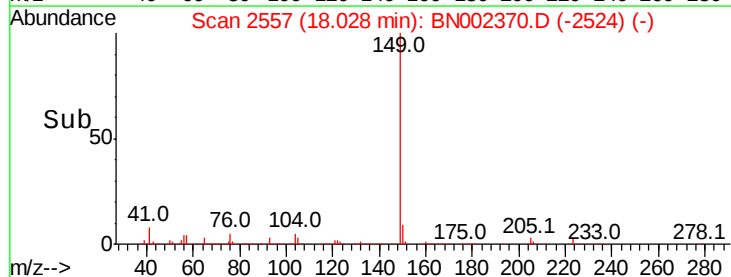
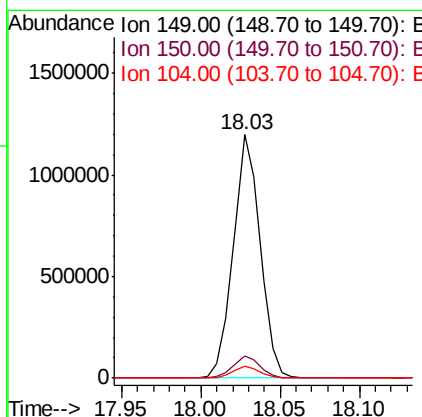
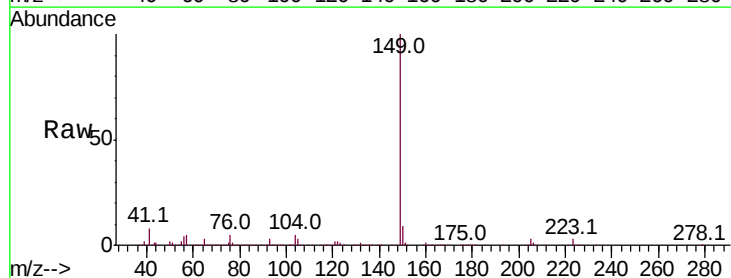
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.2	11.0	16.4

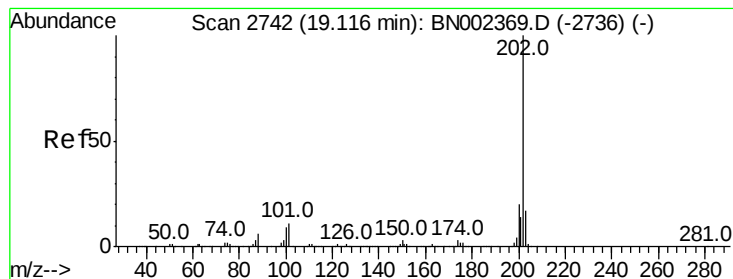


#75
 Di-n-butylphthalate
 Concen: 19.859 ng/ul
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

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 :

A3YQ0

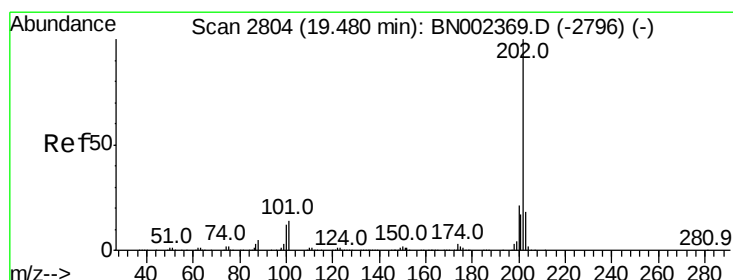
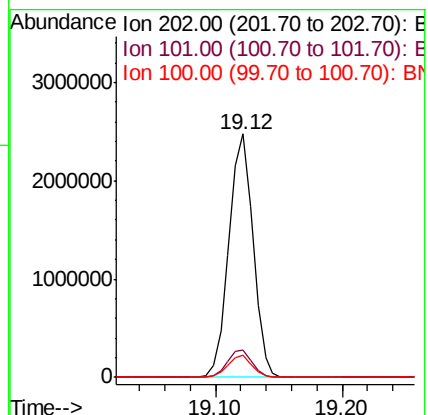
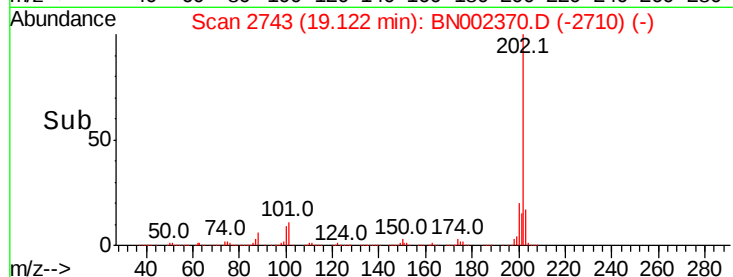
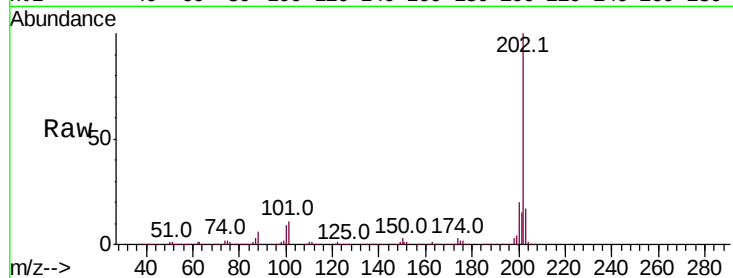
Tot Ion:202 Resp: 3260466

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

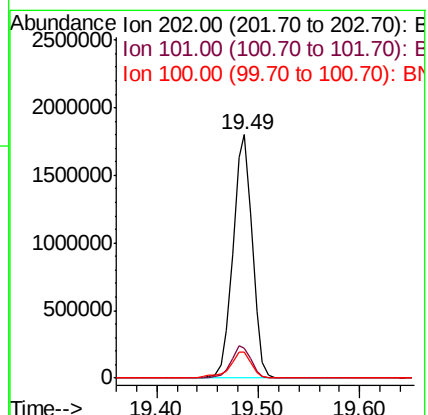
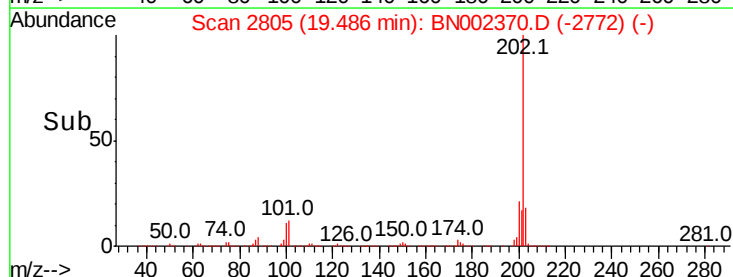
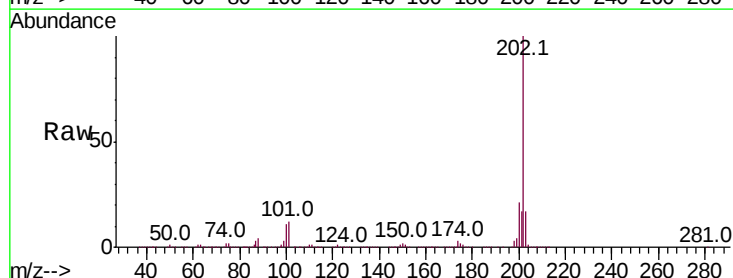
Tgt Ion:202 Resp: 2365046

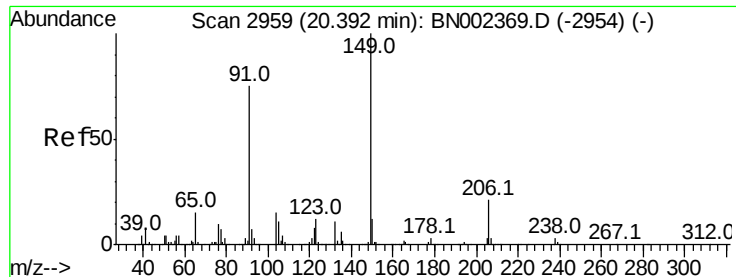
Ion Ratio Lower Upper

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 :

A3YQ0

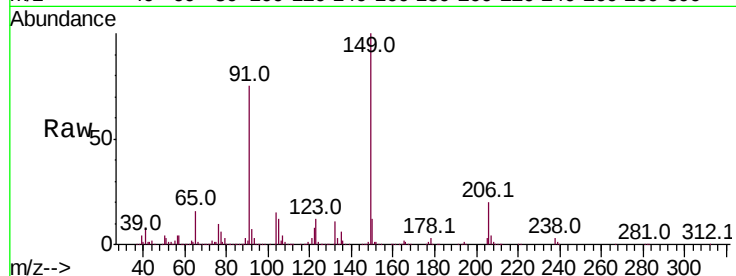
Tot Ion:149 Resp: 642079

Ion Ratio Lower Upper

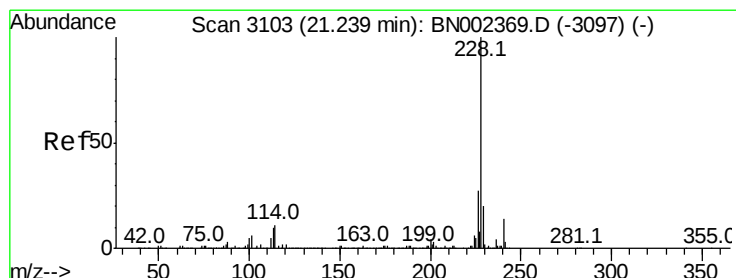
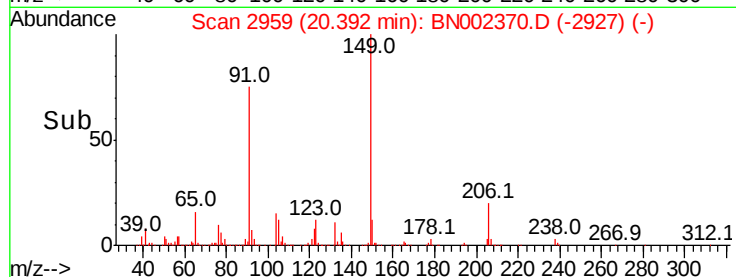
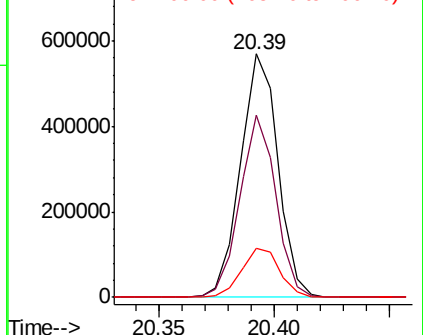
149 100

91 75.0 53.4 80.2

206 20.0 16.6 24.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E



#82

Benzo(a)anthracene

Concen: 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

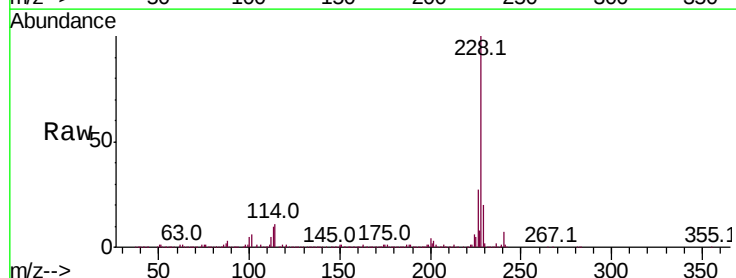
Tgt Ion:228 Resp: 2993207

Ion Ratio Lower Upper

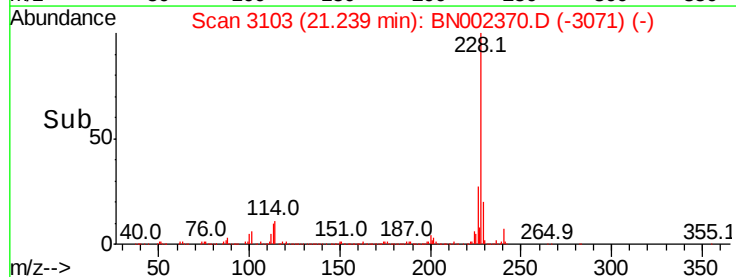
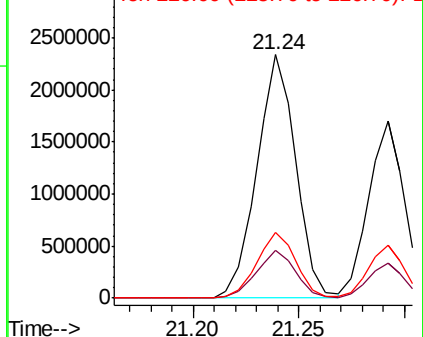
228 100

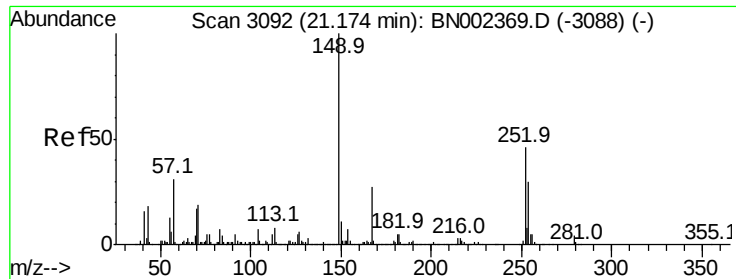
229 19.7 15.7 23.5

226 26.8 21.8 32.6



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

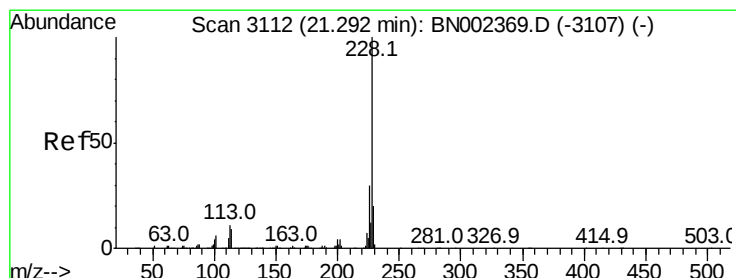
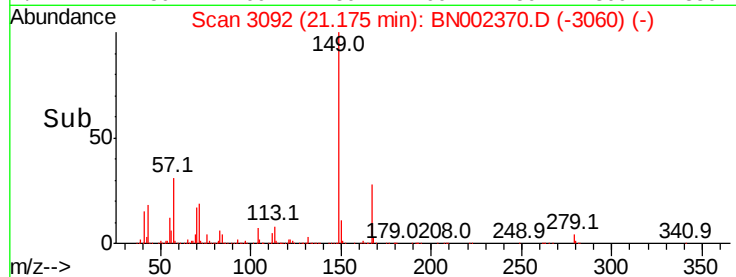
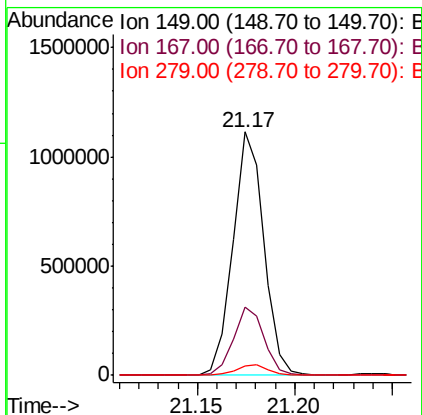
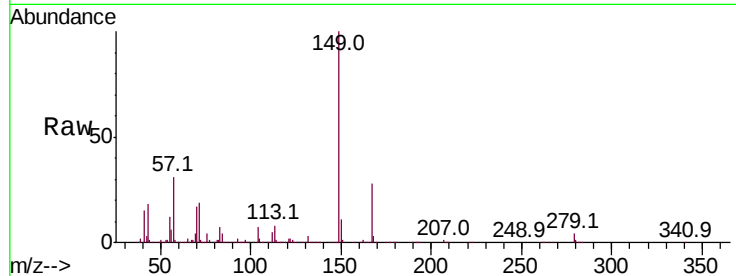




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.987 ng/ul
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BN002370.D
 Acq: 17 Aug 2018 09:33

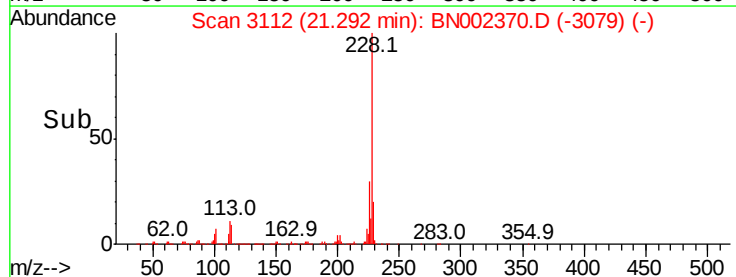
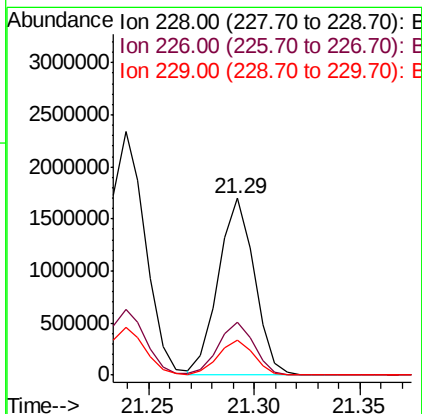
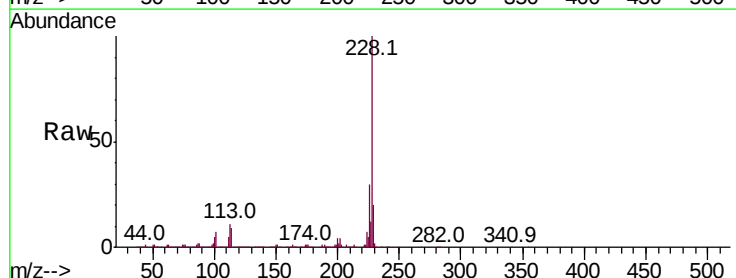
Instrument :
 BNA_N
 ClientSampleId :
 A3YQ0

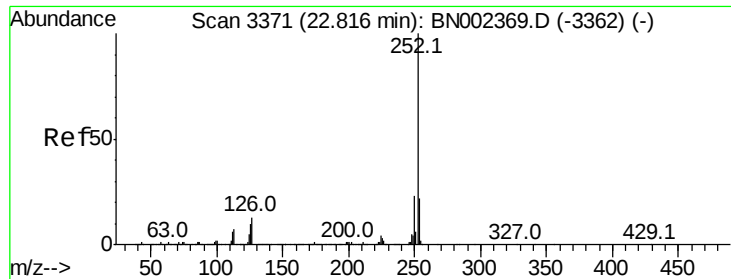
Tot Ion:149 Resp: 1217891
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.6 32.4
 279 3.8 3.0 4.4



#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





#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 :

A3YQ0

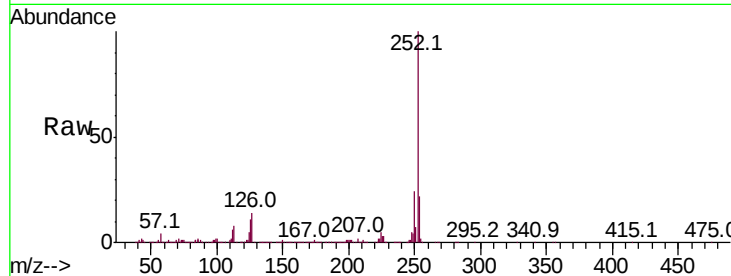
Tot Ion:252 Resp: 2273221

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

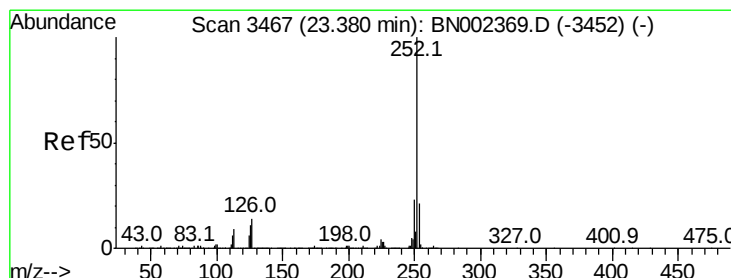
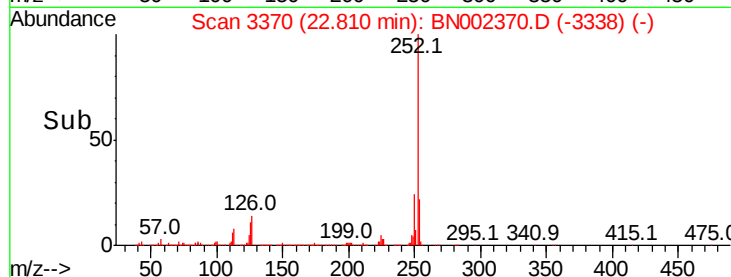
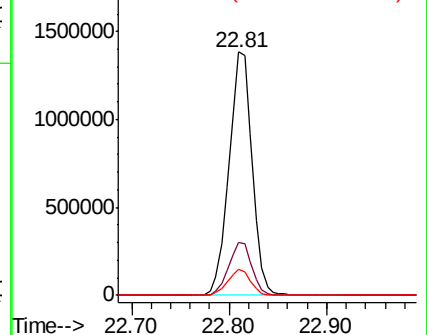
125 10.7 8.5 12.7



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



#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

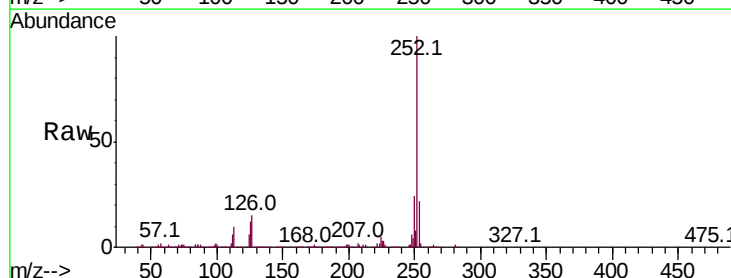
Tgt Ion:252 Resp: 2033802

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

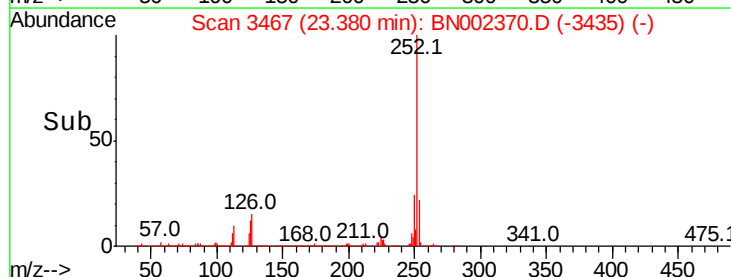
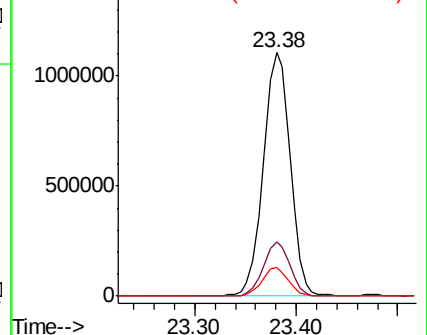
125 11.7 9.0 13.6

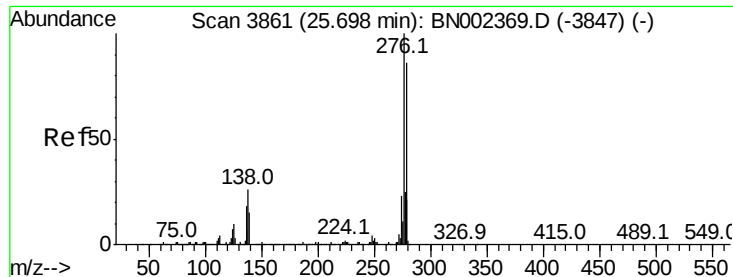


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



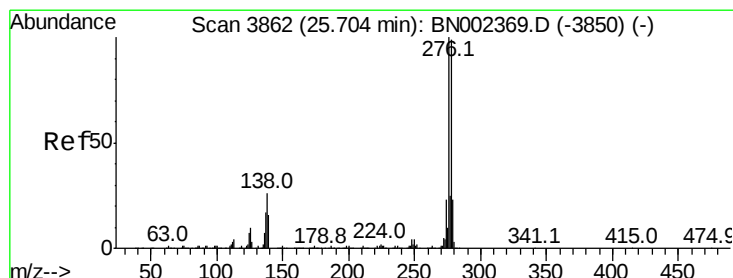
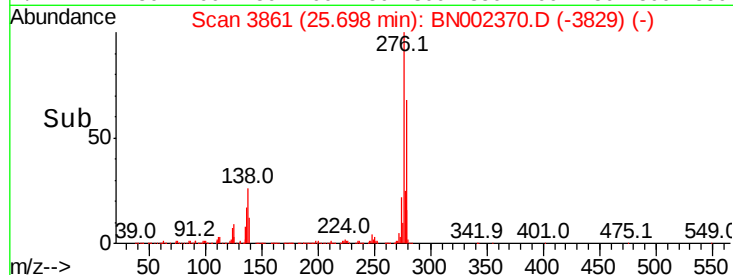
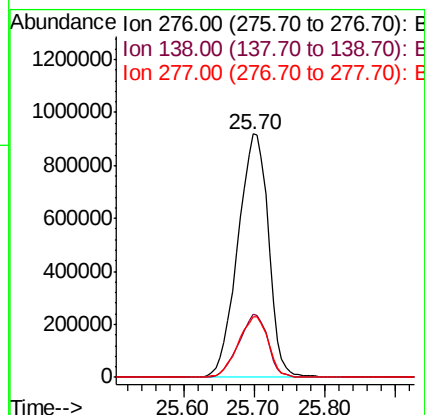
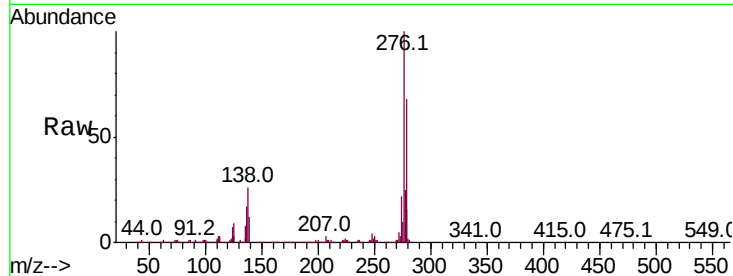


#91

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

Instrument :
BNA_N
ClientSampleId :
A3YQ0

Tot Ion:276 Resp: 2778491
Ion Ratio Lower Upper
276 100
138 25.8 22.3 33.5
277 25.1 20.2 30.2



#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

Tgt Ion:278 Resp: 1811854
Ion Ratio Lower Upper
278 100
139 16.4 13.9 20.9
279 23.1 19.0 28.4

