

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036857.D
 Acq On : 21 Sep 2018 13:35
 Operator : JU/SJ
 Sample : J4870-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Sep 21 14:52:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39284	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	175258	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	119507	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	314971	20.00	ng	0.00
75) Chrysene-d12	21.68	240	350554	20.00	ng	0.00
86) Perylene-d12	24.90	264	344468	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	60357	29.47	ng	0.00
7) Phenol-d6	7.21	99	90955	28.70	ng	0.00
23) Nitrobenzene-d5	9.21	82	62219	19.01	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	41664	29.14	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	163362	20.36	ng	0.00
78) Terphenyl-d14	20.02	244	334120	25.06	ng	0.00

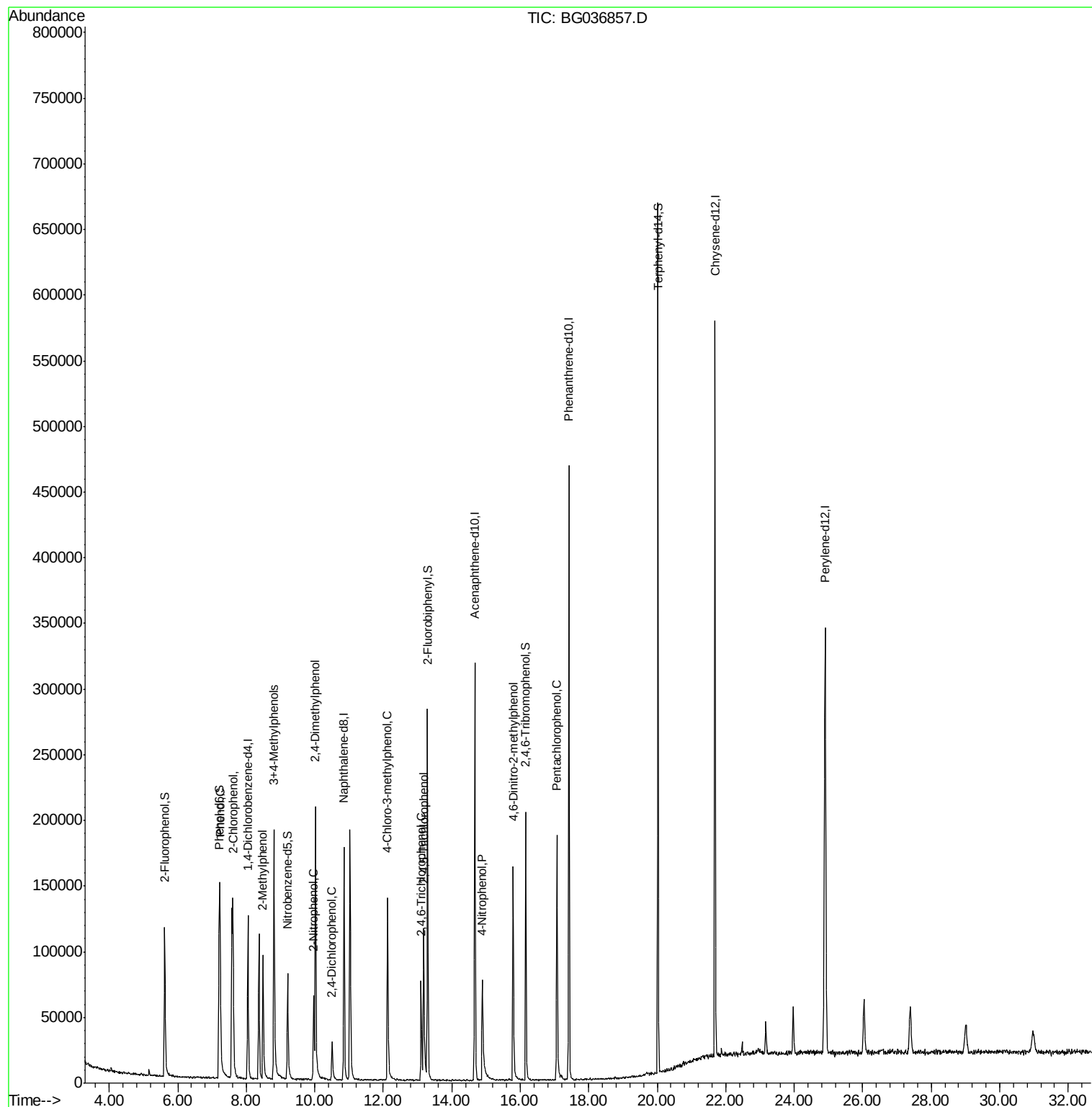
Target Compounds				Qvalue		
8) 2-Chlorophenol	7.61	128	65103	27.372	ng	95
10) Phenol	7.24	94	88868	27.170	ng	96
17) 2-Methylphenol	8.49	107	35067	15.391	ng	97
20) 3+4-Methylphenols	8.81	107	110389	34.828	ng	93
26) 2-Nitrophenol	9.97	139	24037	17.255	ng	98
27) 2,4-Dimethylphenol	10.02	122	72203	33.273	ng	95
29) 2,4-Dichlorophenol	10.50	162	17267	6.864	ng	91
36) 4-Chloro-3-methylphenol	12.12	107	66327	22.098	ng	96
42) 2,4,6-Trichlorophenol	13.11	196	22903	9.895	ng	98
43) 2,4,5-Trichlorophenol	13.18	196	47529	19.257	ng	96
55) 4-Nitrophenol	14.89	139	35401	25.056	ng	95
64) 4,6-Dinitro-2-methylphenol	15.79	198	47066	28.582	ng	99
69) Pentachlorophenol	17.07	266	44065	18.968	ng	99

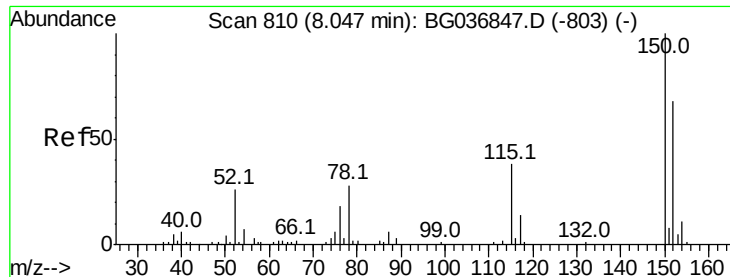
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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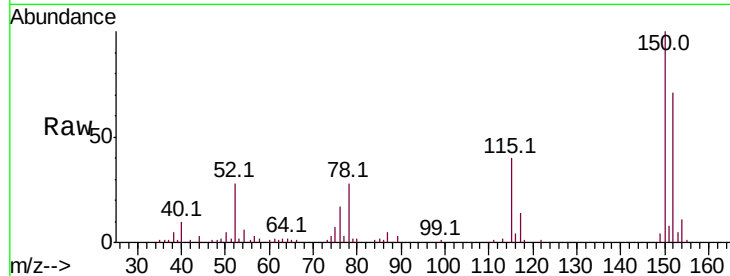


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036857.D
Acq: 21 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.8	119.5	179.3
115	55.9	44.5	66.7

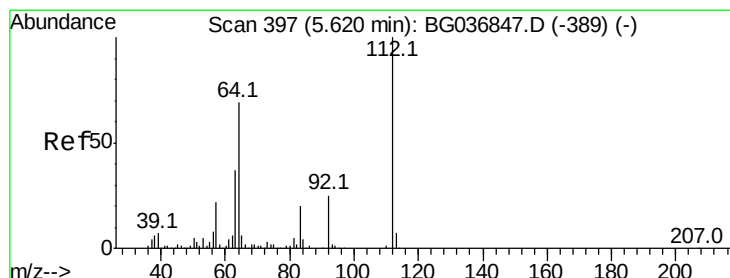
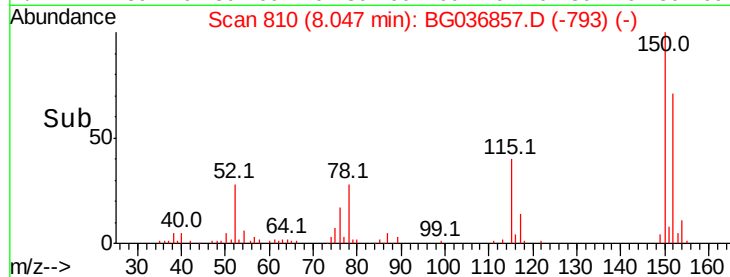
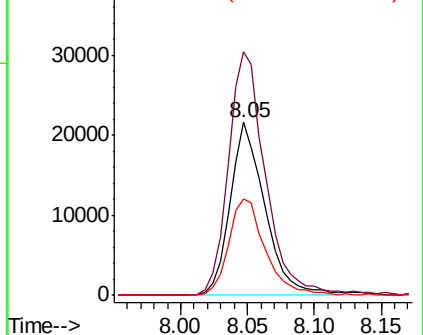


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

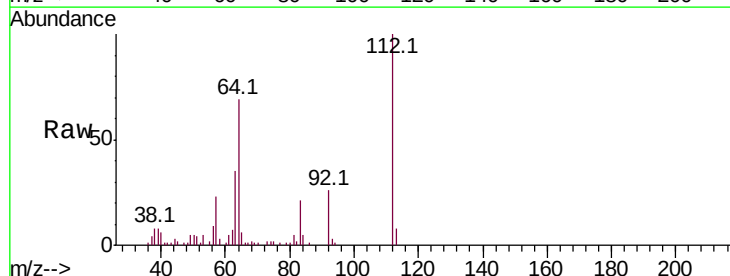
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 29.465 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG036857.D
Acq: 21 Sep 2018 13:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.2	85.8
63	35.2	30.8	46.2

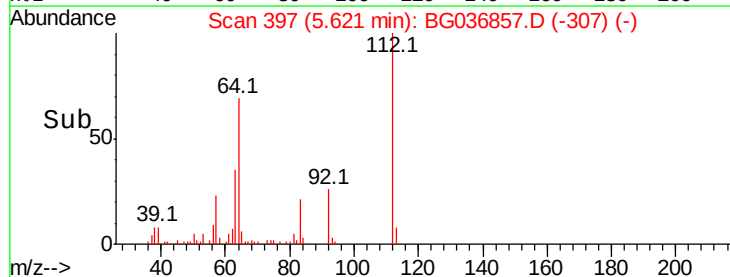
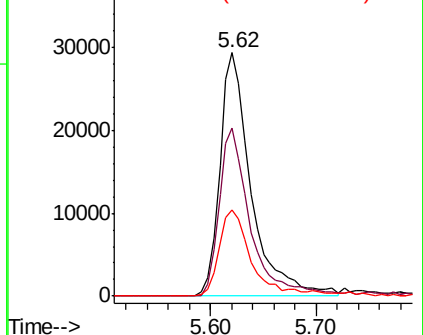


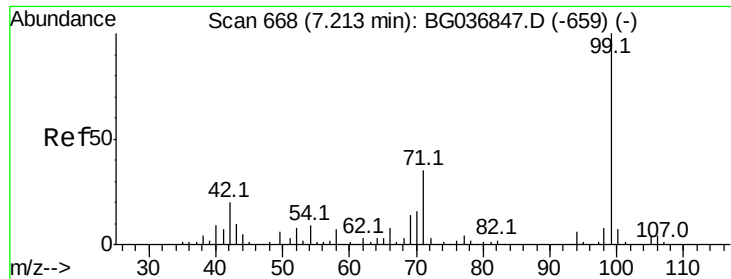
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.699 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036857.D

Acq: 21 Sep 2018 13:35

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WPDL

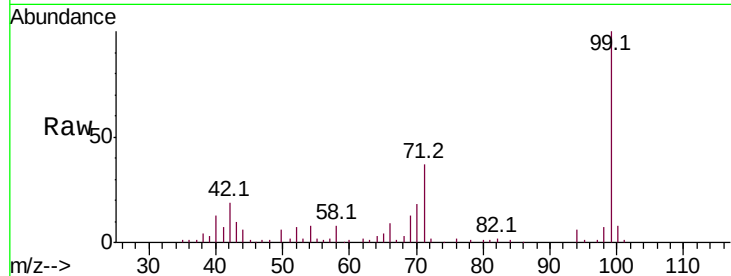
Tot Ion: 99 Resp: 90955

Ion Ratio Lower Upper

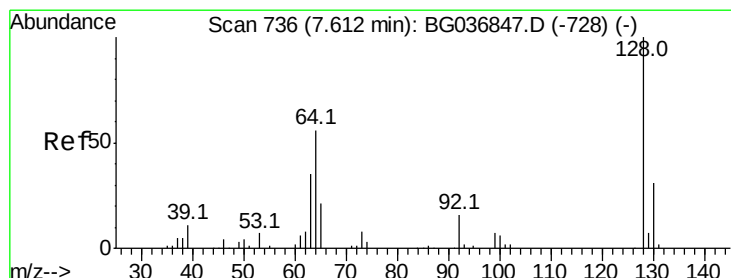
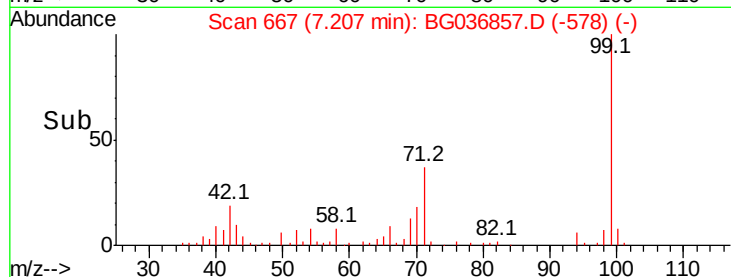
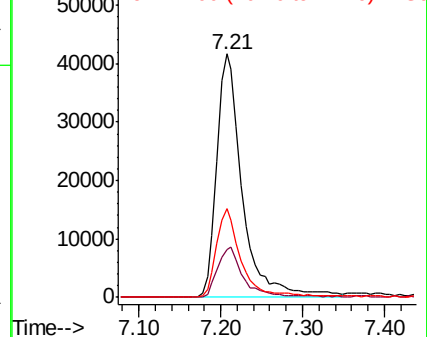
99 100

42 19.4 16.5 24.7

71 36.7 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 27.372 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG036857.D

Acq: 21 Sep 2018 13:35

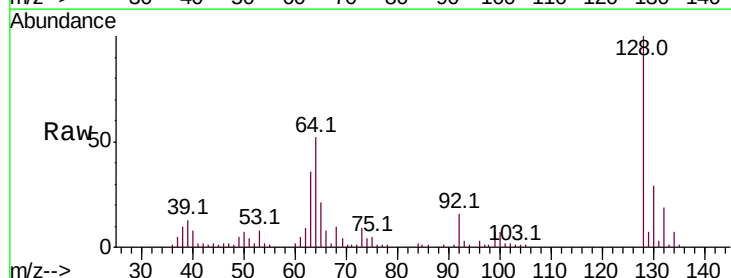
Tgt Ion: 128 Resp: 65103

Ion Ratio Lower Upper

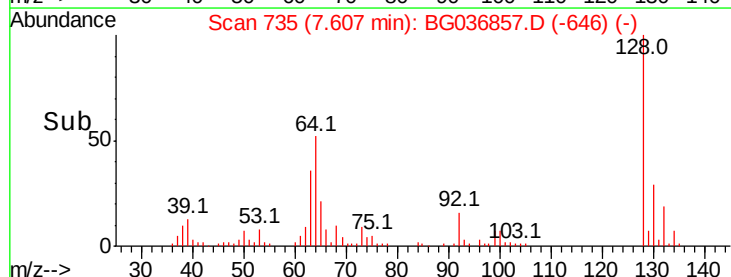
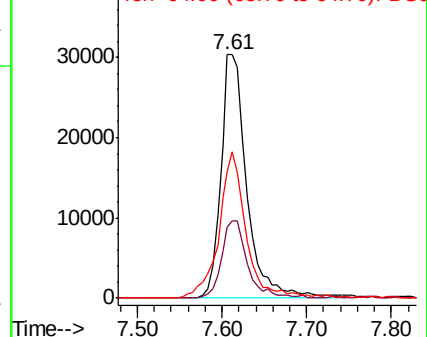
128 100

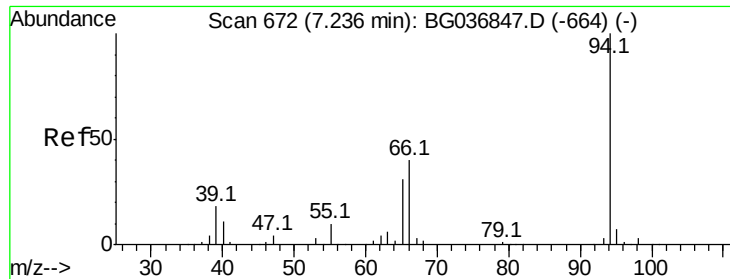
130 28.9 10.0 50.0

64 51.6 36.0 76.0



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





#10

Phenol

Concen: 27.170 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036857.D

Acq: 21 Sep 2018 13:35

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WPDL

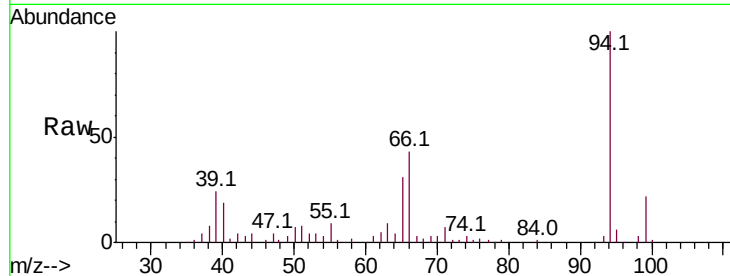
Tot Ion: 94 Resp: 88868

Ion Ratio Lower Upper

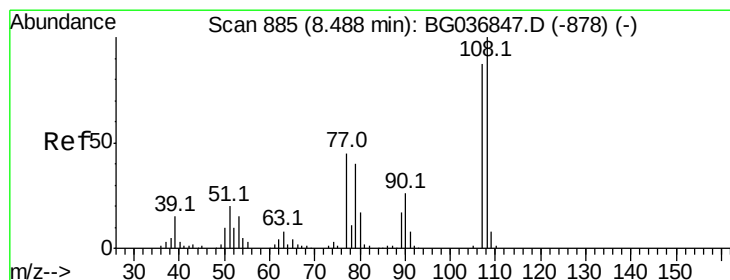
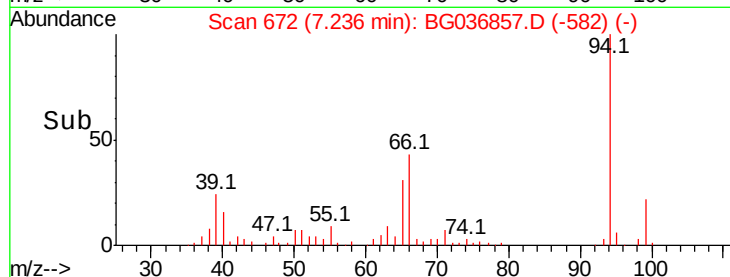
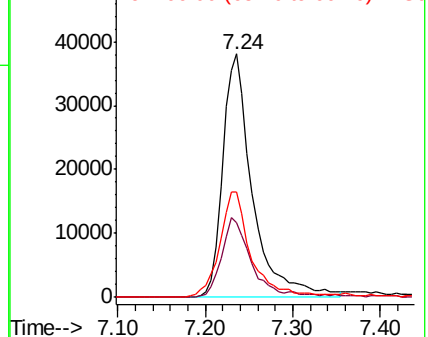
94 100

65 30.6 11.5 51.5

66 43.1 19.5 59.5



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



#17

2-Methylphenol

Concen: 15.391 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG036857.D

Acq: 21 Sep 2018 13:35

Tgt Ion:107 Resp: 35067

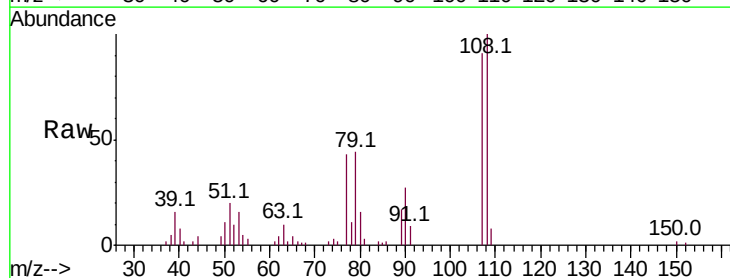
Ion Ratio Lower Upper

107 100

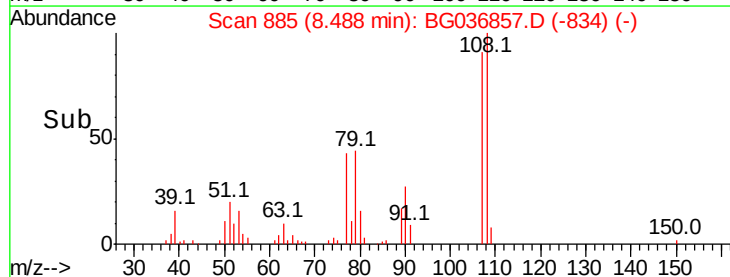
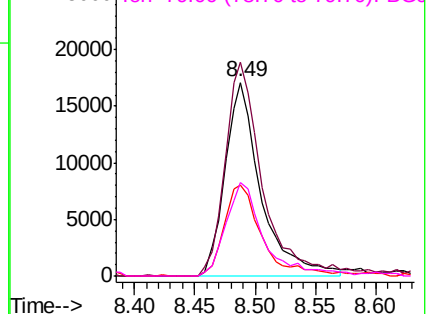
108 110.5 86.7 130.1

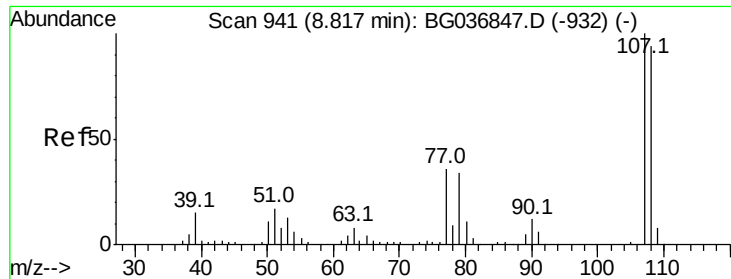
77 47.2 39.0 58.4

79 48.5 36.6 54.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

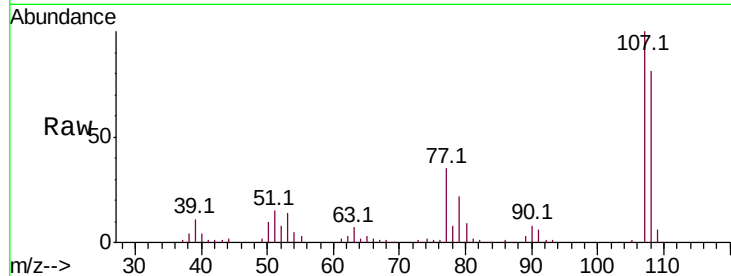




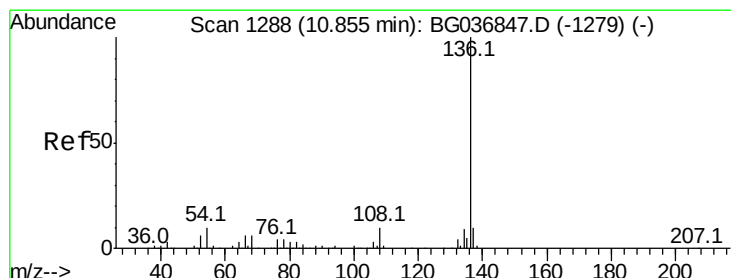
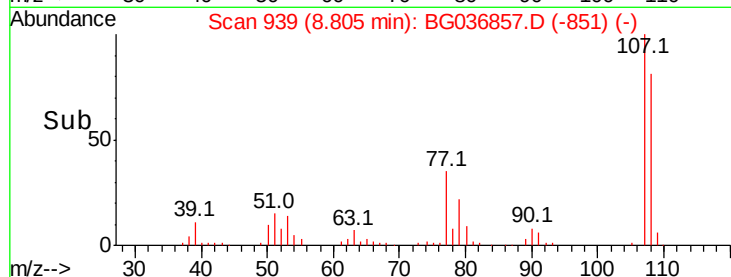
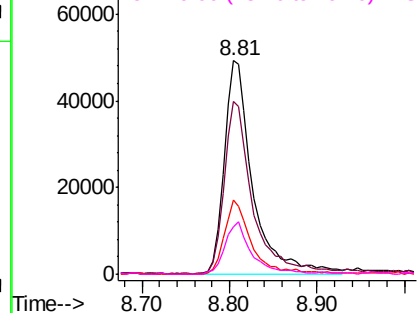
#20
3+4-Methylphenols
Concen: 34.828 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG036857.D
Acq: 21 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion:	107	Resp:	110389
Ion	Ratio	Lower	Upper
107	100		
108	81.2	68.0	108.0
77	34.9	15.6	55.6
79	22.2	9.9	49.9

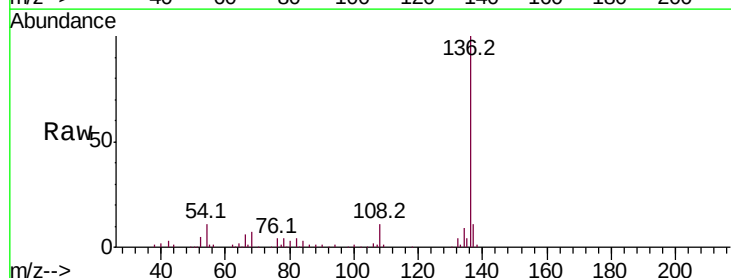


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

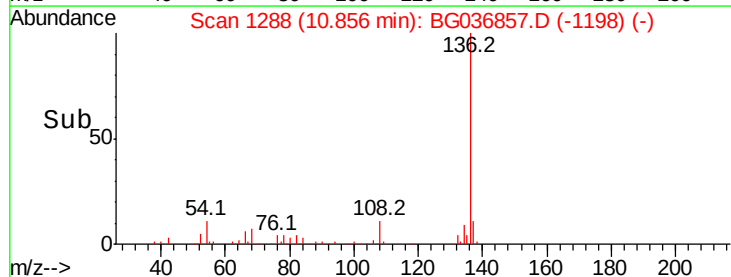
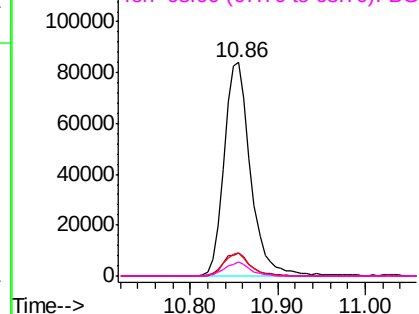


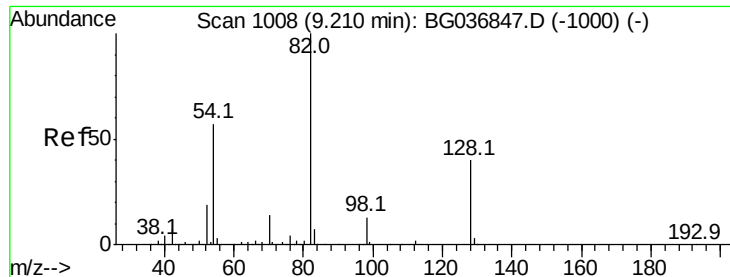
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG036857.D
Acq: 21 Sep 2018 13:35

Tgt Ion:	136	Resp:	175258
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.1	9.2	13.8
68	6.8	5.8	8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

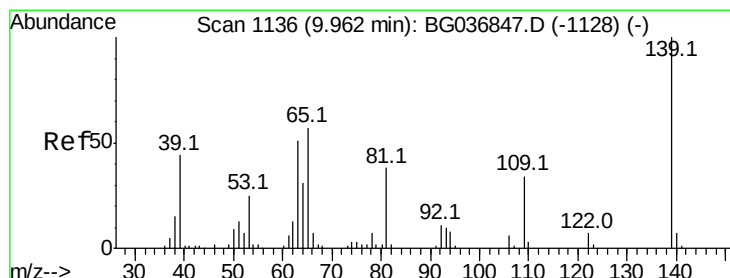
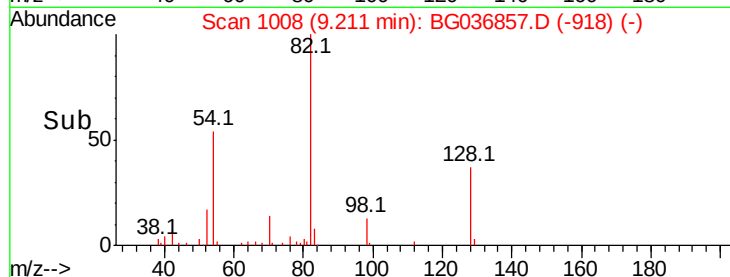
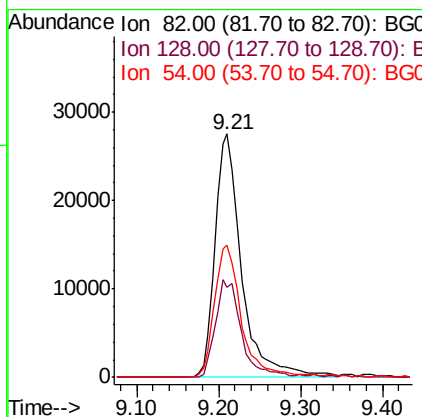
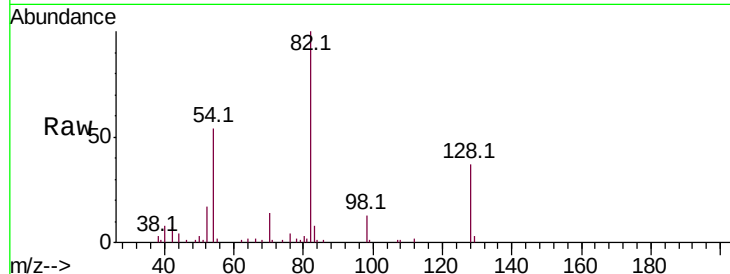




#23
 Nitrobenzene-d5
 Concen: 19.011 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BG036857.D
 Acq: 21 Sep 2018 13:35

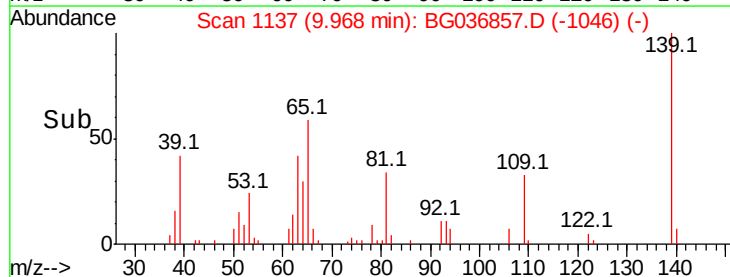
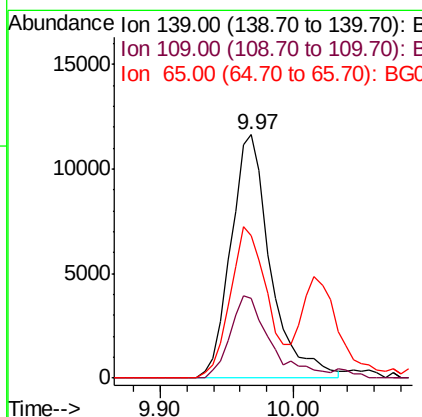
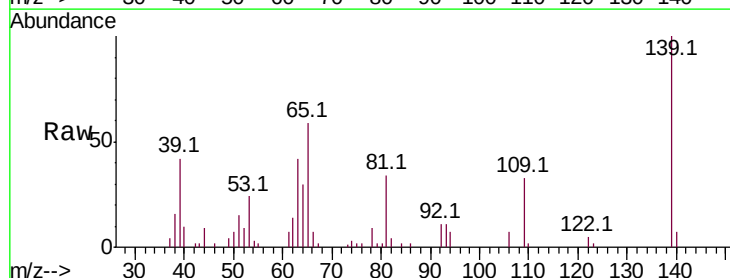
Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

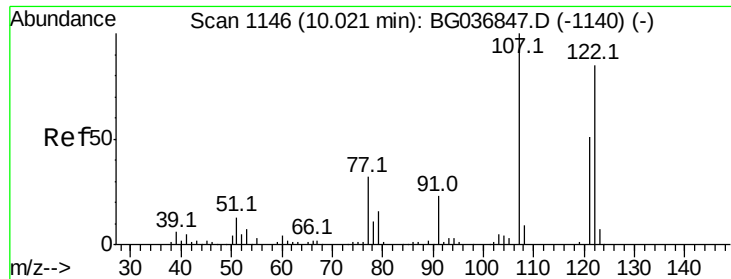
Tot Ion	82	Resp	62219
Ion Ratio	Lower	Upper	
82	100		
128	37.0	33.3	49.9
54	54.4	45.1	67.7



#26
 2-Nitrophenol
 Concen: 17.255 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. 0.01 min
 Lab File: BG036857.D
 Acq: 21 Sep 2018 13:35

Tgt Ion	139	Resp	24037
Ion Ratio	Lower	Upper	
139	100		
109	33.0	27.4	41.0
65	58.6	47.8	71.6

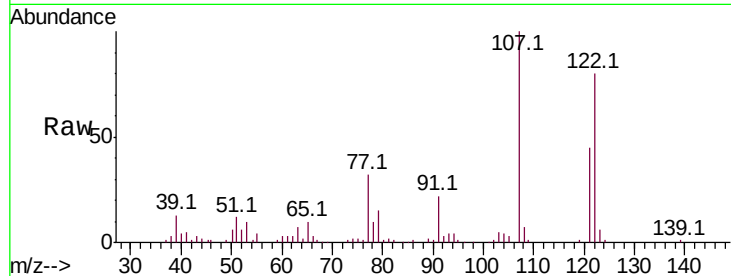




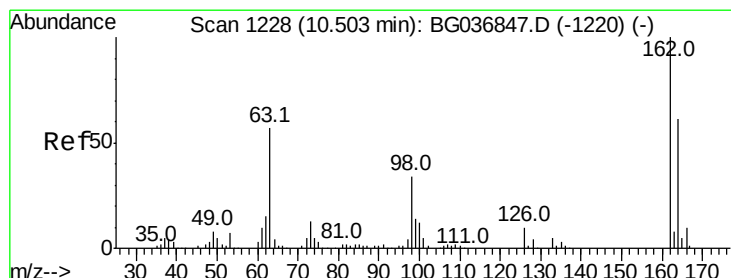
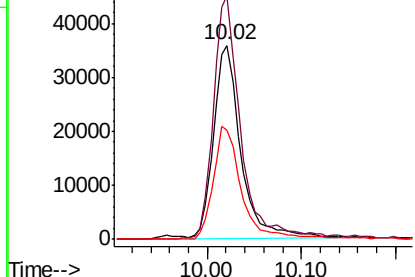
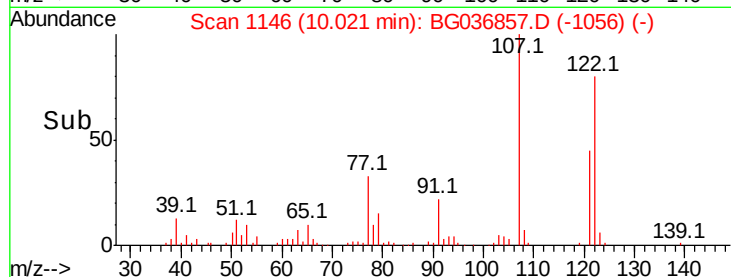
#27
 2,4-Dimethylphenol
 Concen: 33.273 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BG036857.D
 Acq: 21 Sep 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion:122 Resp: 72203
 Ion Ratio Lower Upper
 122 100
 107 125.7 96.0 144.0
 121 56.7 48.2 72.4

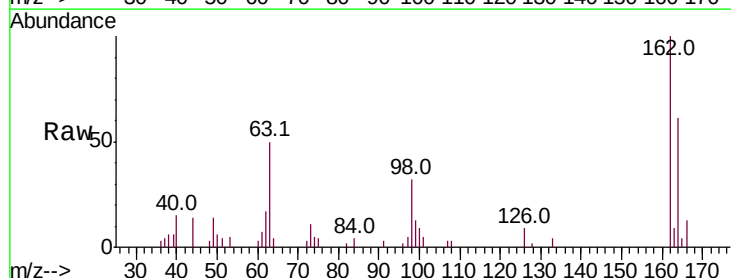


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

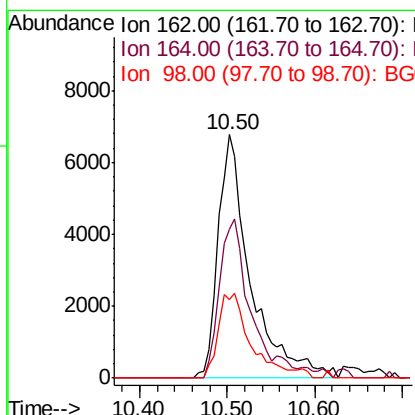
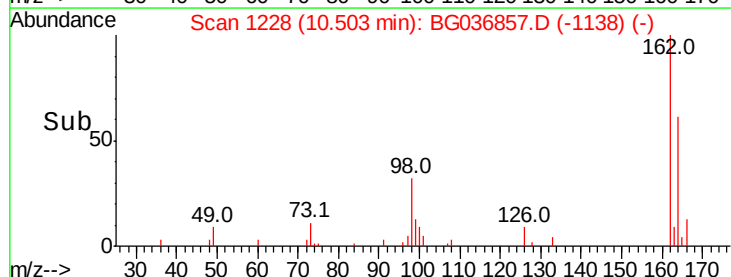


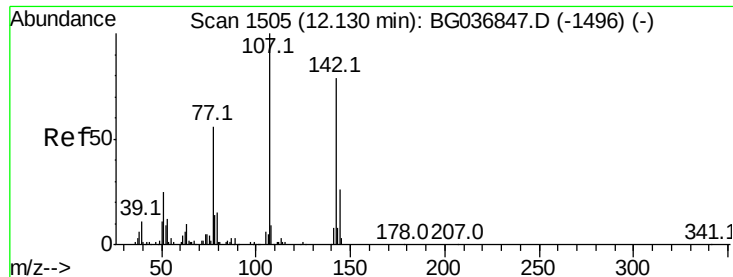
#29
 2,4-Dichlorophenol
 Concen: 6.864 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BG036857.D
 Acq: 21 Sep 2018 13:35

Tgt Ion:162 Resp: 17267
 Ion Ratio Lower Upper
 162 100
 164 60.9 47.6 87.6
 98 32.3 19.2 59.2



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): BGC

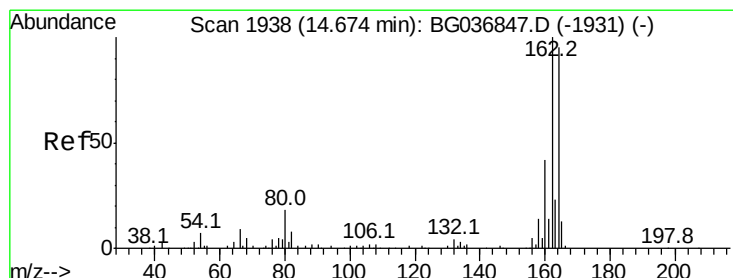
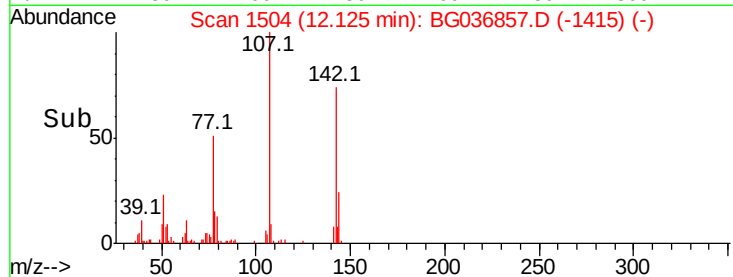
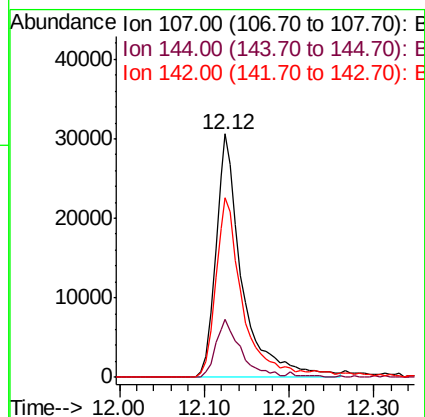
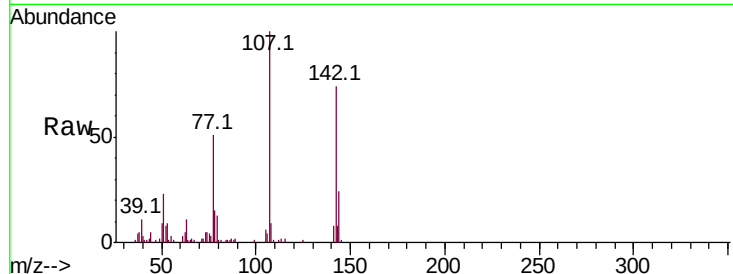




#36
4-Chloro-3-methylphenol
Concen: 22.098 ng
RT: 12.12 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG036857.D
Acq: 21 Sep 2018 13:35

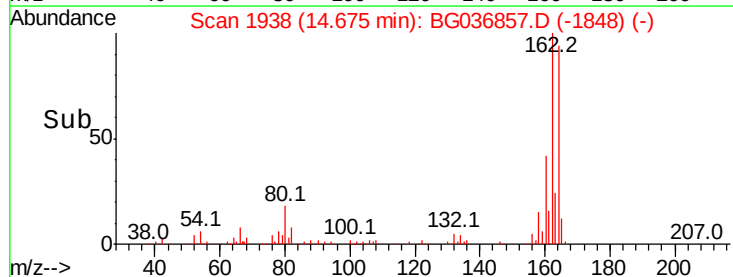
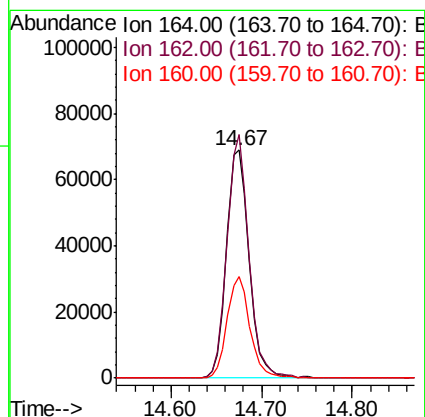
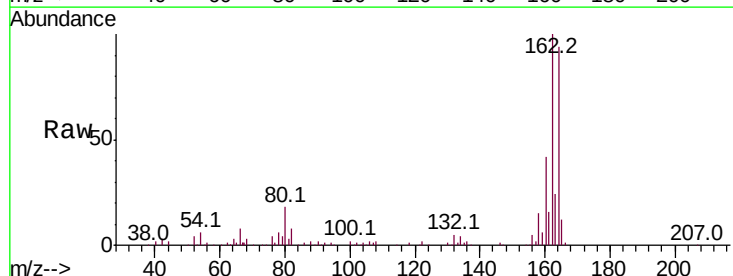
Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

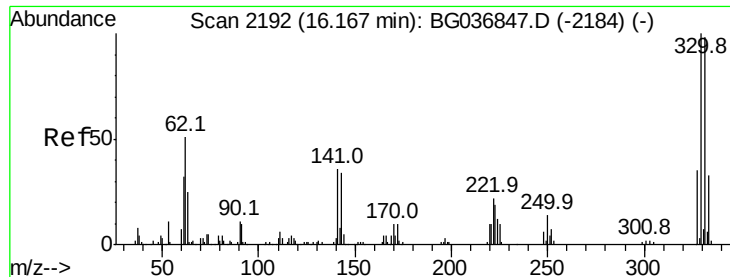
Tot Ion	Ratio	Lower	Upper
107	100		
144	24.0	19.5	29.3
142	73.6	62.4	93.6



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG036857.D
Acq: 21 Sep 2018 13:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	80.7	121.1
160	44.8	35.3	52.9

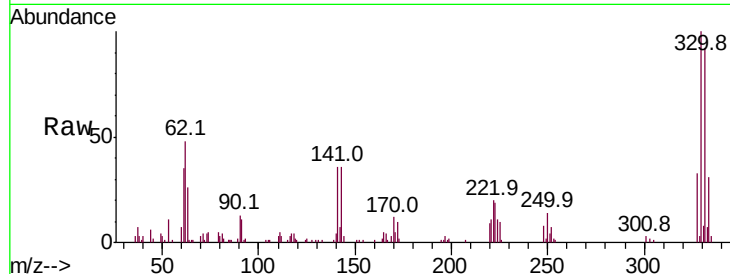




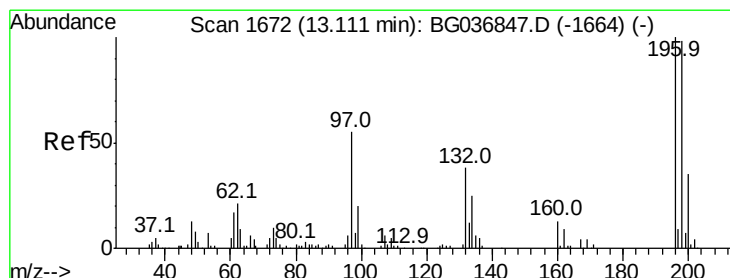
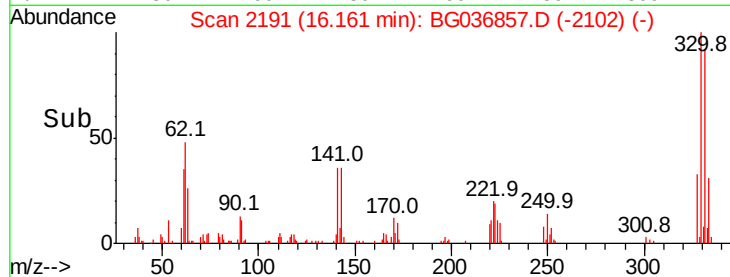
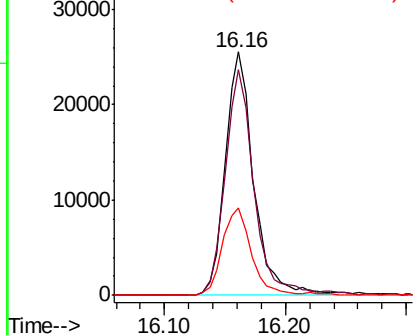
#41
 2,4,6-Tribromophenol
 Concen: 29.139 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036857.D
 Acq: 21 Sep 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion:330 Resp: 41664
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.4 113.2
 141 36.8 30.7 46.1

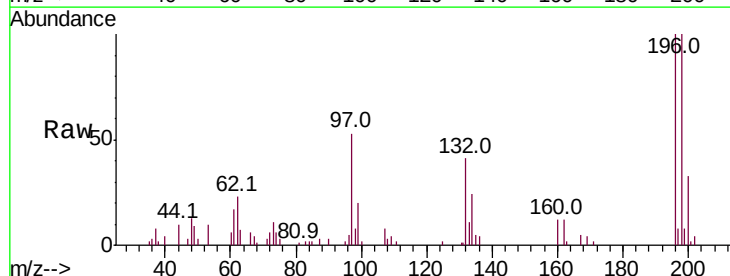


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

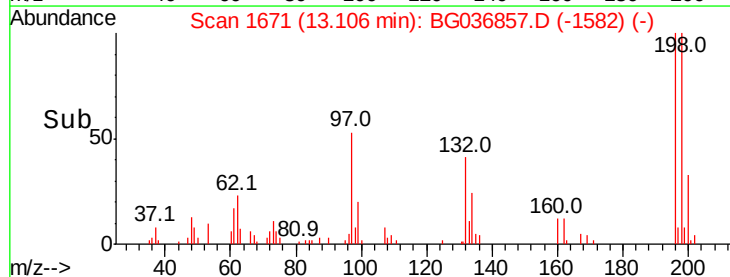
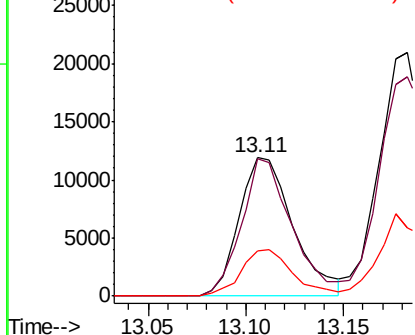


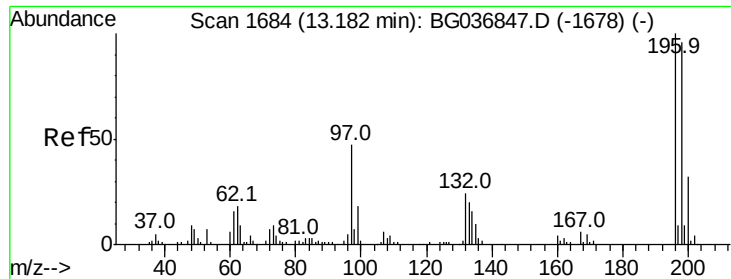
#42
 2,4,6-Trichlorophenol
 Concen: 9.895 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036857.D
 Acq: 21 Sep 2018 13:35

Tgt Ion:196 Resp: 22903
 Ion Ratio Lower Upper
 196 100
 198 99.6 77.2 115.8
 200 32.6 26.3 39.5



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

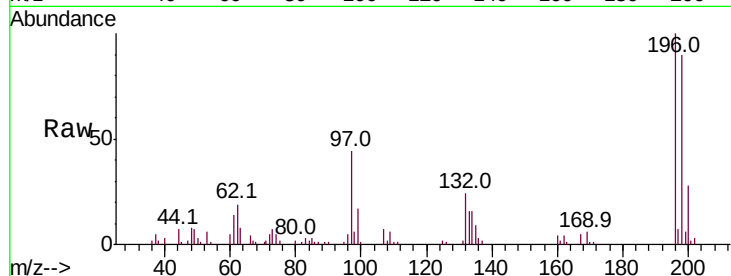




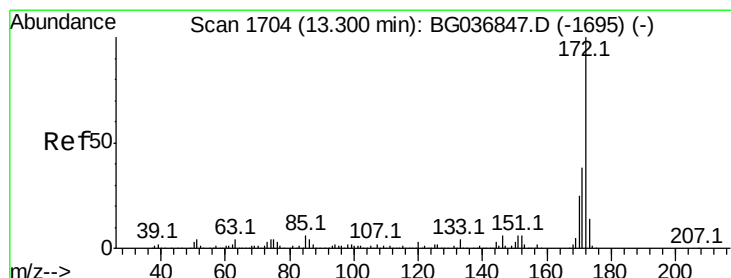
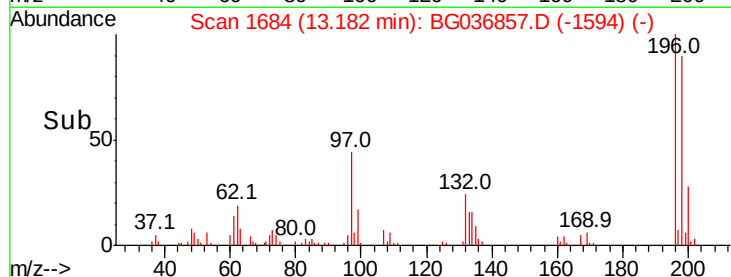
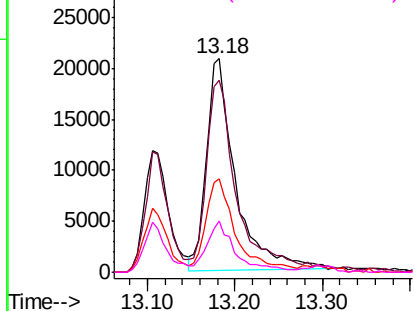
#43
 2,4,5-Trichlorophenol
 Concen: 19.257 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BG036857.D
 Acq: 21 Sep 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion:196 Resp: 47529
 Ion Ratio Lower Upper
 196 100
 198 90.1 75.6 113.4
 97 44.0 37.2 55.8
 132 23.8 19.4 29.2

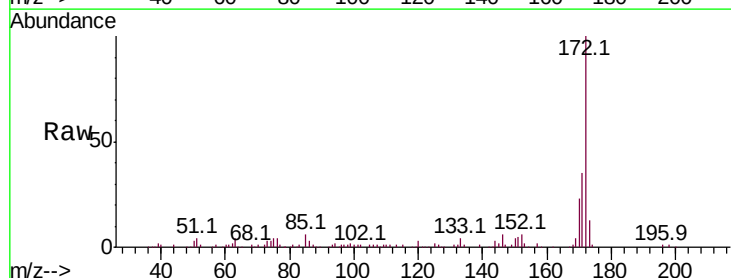


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

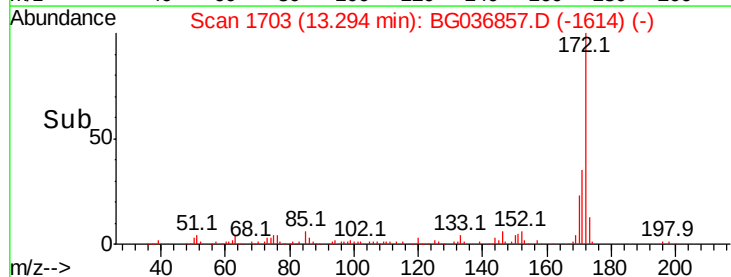
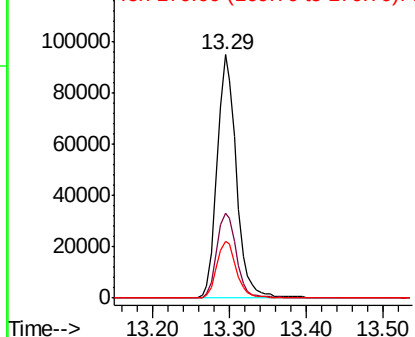


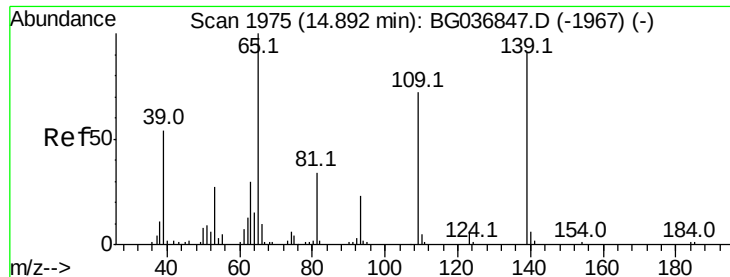
#44
 2-Fluorobiphenyl
 Concen: 20.359 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036857.D
 Acq: 21 Sep 2018 13:35

Tgt Ion:172 Resp: 163362
 Ion Ratio Lower Upper
 172 100
 171 34.7 31.3 46.9
 170 23.4 21.0 31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

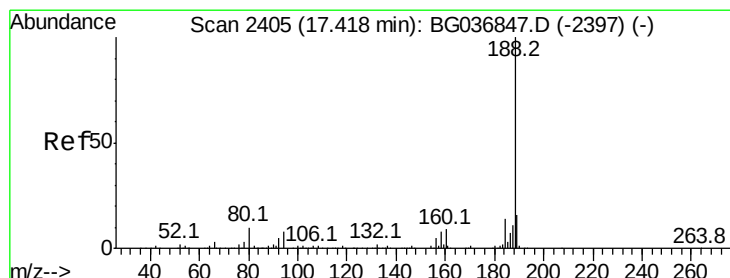
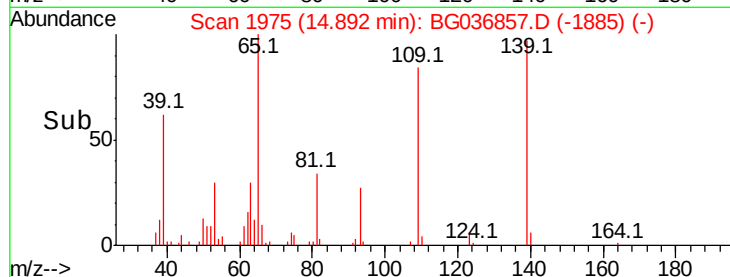
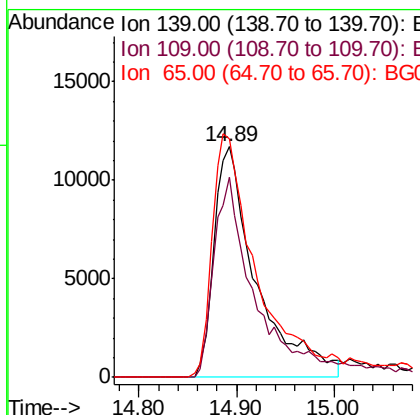
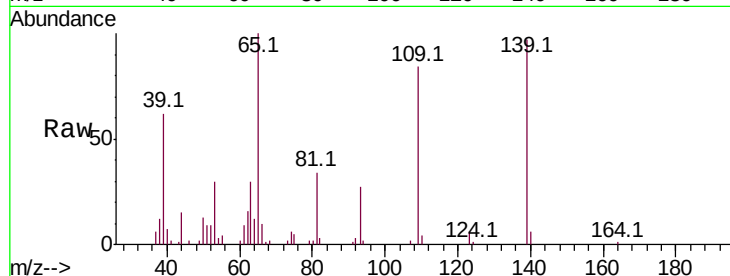




#55
4-Nitrophenol
Concen: 25.056 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG036857.D
Acq: 21 Sep 2018 13:35

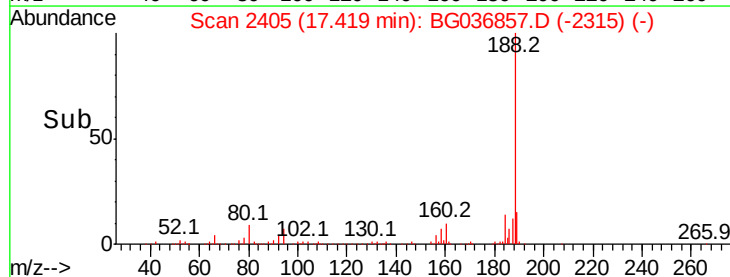
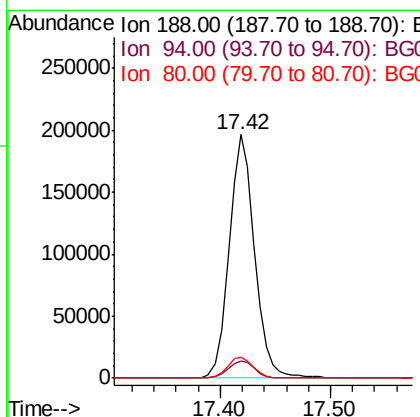
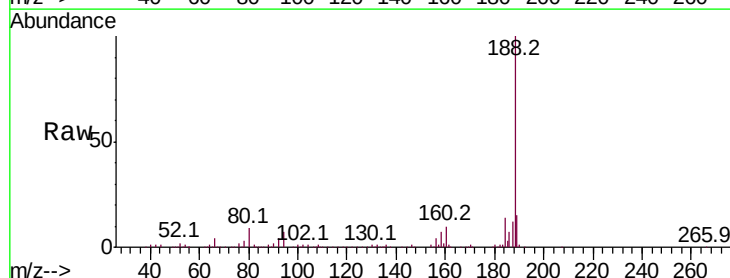
Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

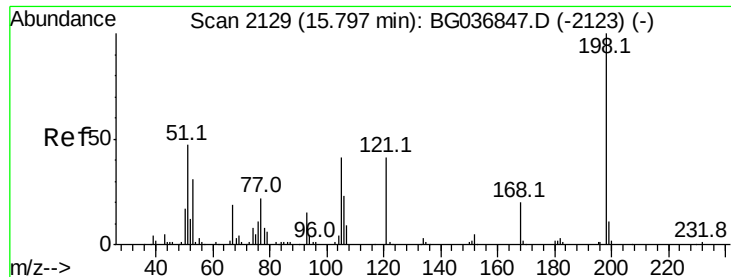
Tot Ion:139 Resp: 35401
Ion Ratio Lower Upper
139 100
109 86.9 63.9 103.9
65 103.3 90.0 130.0



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036857.D
Acq: 21 Sep 2018 13:35

Tgt Ion:188 Resp: 314971
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.8 8.1 12.1

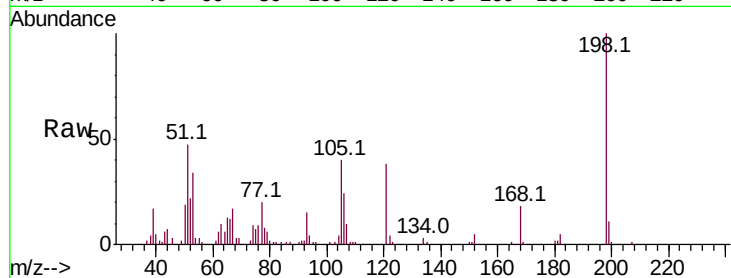




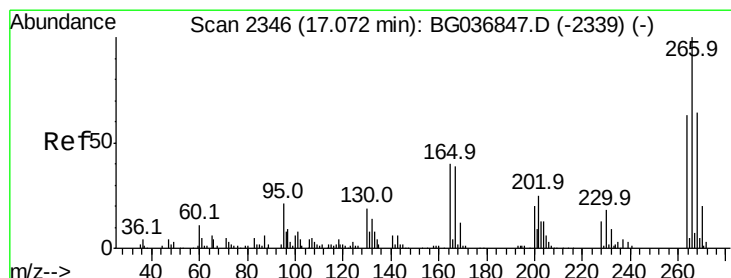
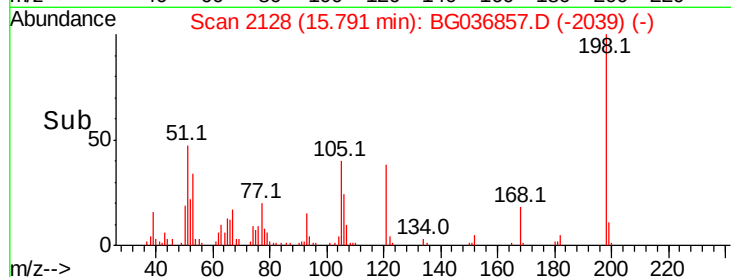
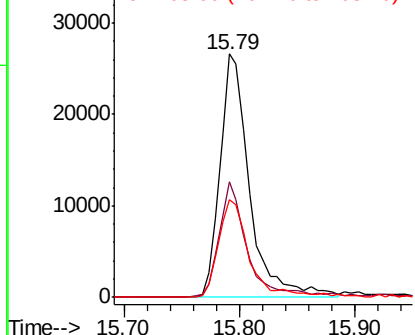
#64
4,6-Dinitro-2-methylphenol
Concen: 28.582 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG036857.D
Acq: 21 Sep 2018 13:35

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion:198 Resp: 47066
Ion Ratio Lower Upper
198 100
51 47.3 26.5 66.5
105 40.0 20.2 60.2

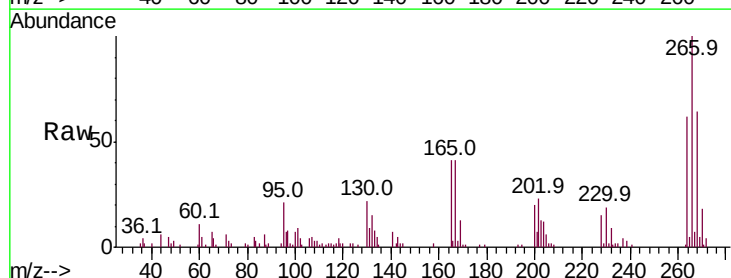


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

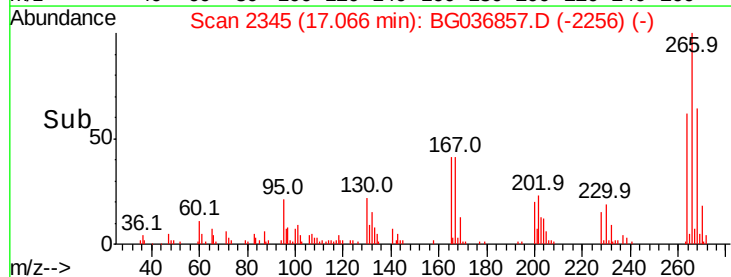
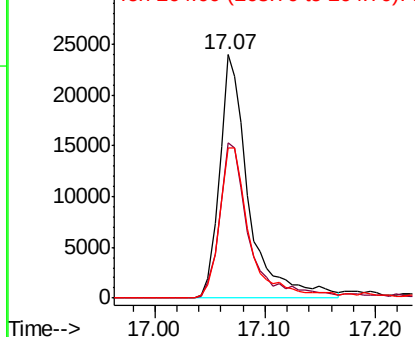


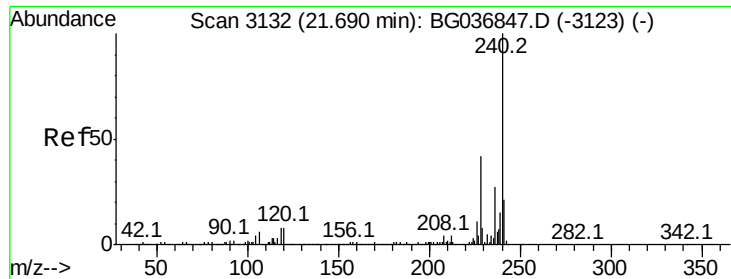
#69
Pentachlorophenol
Concen: 18.968 ng
RT: 17.07 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BG036857.D
Acq: 21 Sep 2018 13:35

Tgt Ion:266 Resp: 44065
Ion Ratio Lower Upper
266 100
268 63.6 51.4 77.2
264 61.8 48.9 73.3



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036857.D

Acq: 21 Sep 2018 13:35

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WPDL

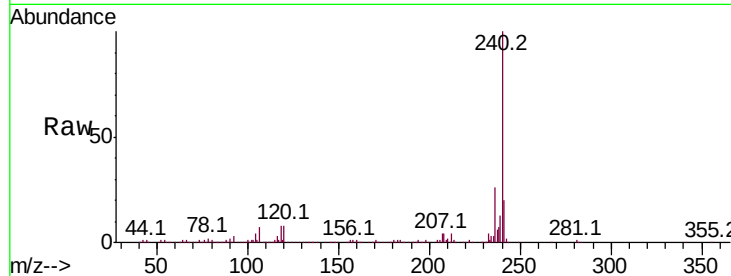
Tot Ion:240 Resp: 350554

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

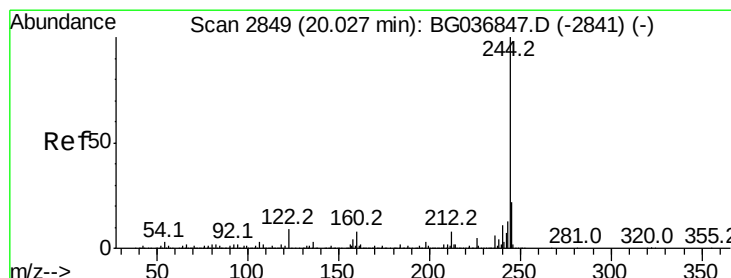
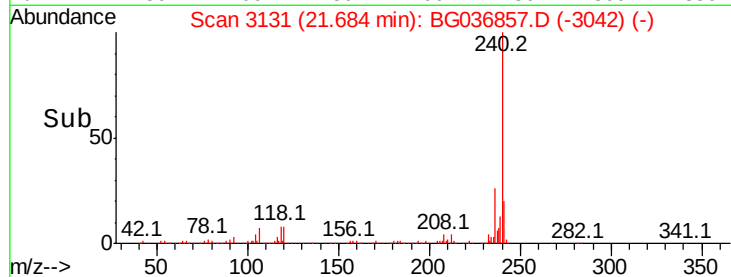
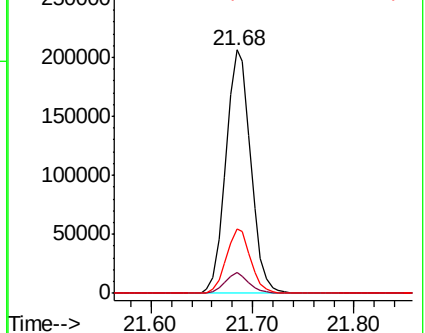
236 26.4 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 25.062 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036857.D

Acq: 21 Sep 2018 13:35

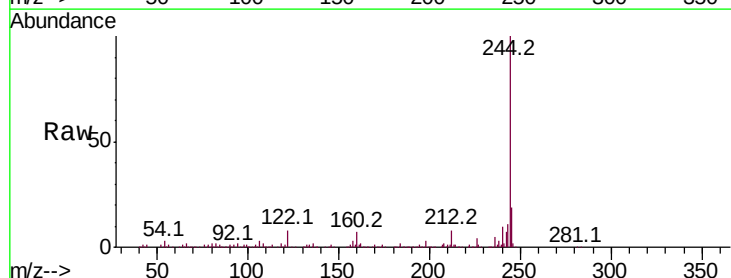
Tgt Ion:244 Resp: 334120

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.6

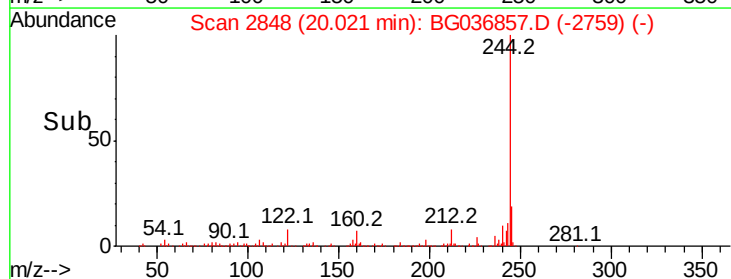
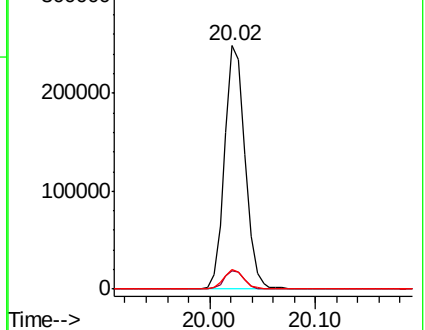
122 8.2 7.1 10.7

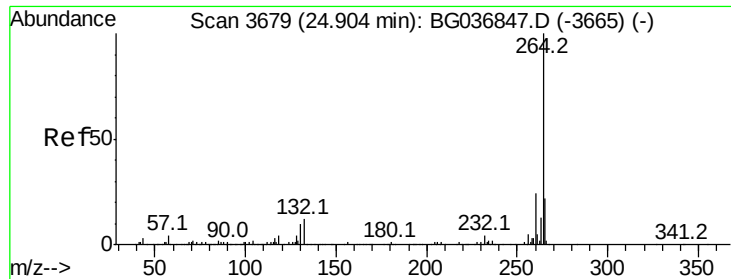


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG036857.D
 Acq: 21 Sep 2018 13:35

Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion:	264	Resp:	344468
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.6	29.4
265	20.2	17.4	26.0

