

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061118\
 Data File : BG035051.D
 Acq On : 12 Jun 2018 3:55
 Operator : SJ/JU
 Sample : J3398-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 05:59:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

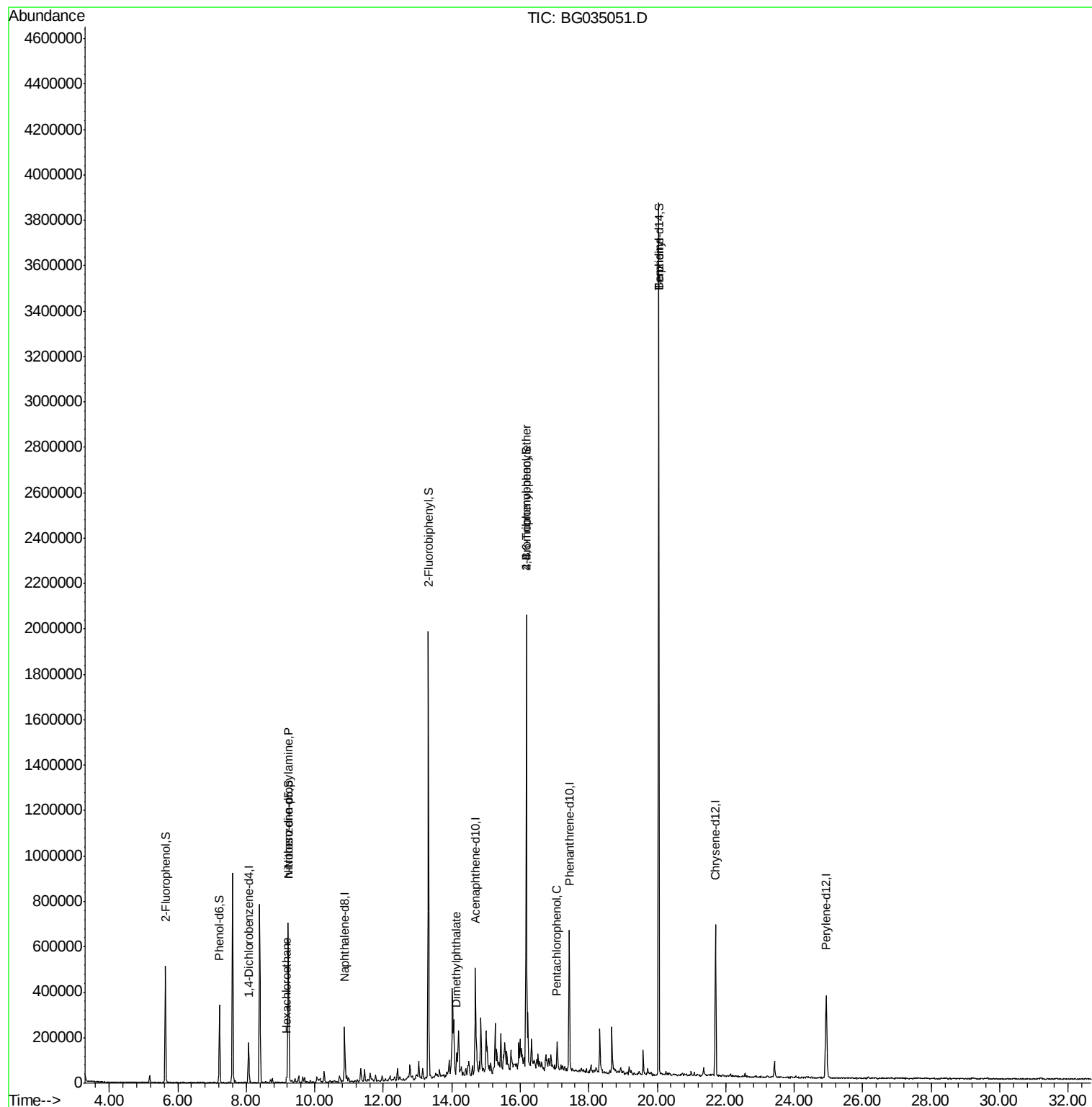
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	50559	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	195373	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	142423	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	367026	20.00	ng	0.00
75) Chrysene-d12	21.70	240	417889	20.00	ng	-0.01
86) Perylene-d12	24.93	264	421753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	215392	71.90	ng	0.00
7) Phenol-d6	7.22	99	202291	45.75	ng	0.00
23) Nitrobenzene-d5	9.23	82	469015	114.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	325319	178.43	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1063312	97.06	ng	0.00
78) Terphenyl-d14	20.04	244	1828782	91.67	ng	0.00
Target Compounds						
18) Hexachloroethane	9.19	117	5168	3.732	ng	# 27
19) n-Nitroso-di-n-propylamine	9.23	70	63363	16.867	ng	# 65
49) Dimethylphthalate	14.14	163	29731	2.394	ng	# 96
66) 4-Bromophenyl-phenylether	16.18	248	27669	6.260	ng	# 1
69) Pentachlorophenol	17.08	266	13840	4.575	ng	95
76) Benzidine	20.04	184	33997	2.187	ng	# 88

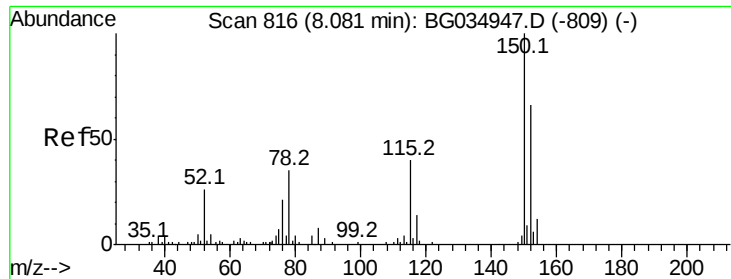
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061118\
Data File : BG035051.D
Acq On : 12 Jun 2018 3:55
Operator : SJ/JU
Sample : J3398-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 12 05:59:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



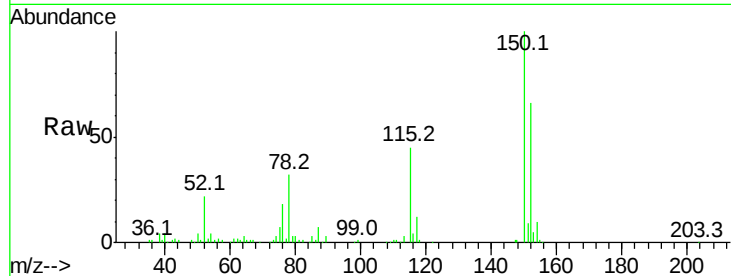


#1

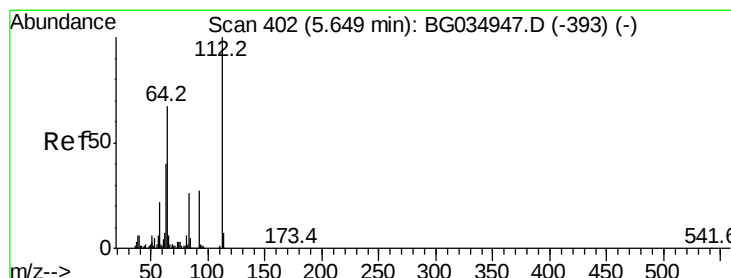
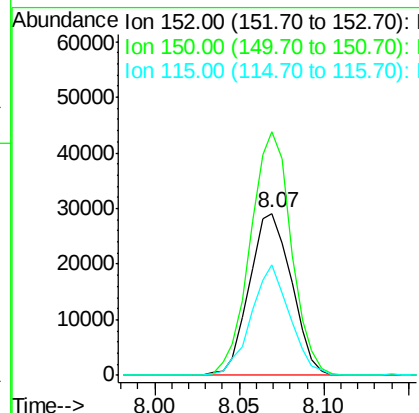
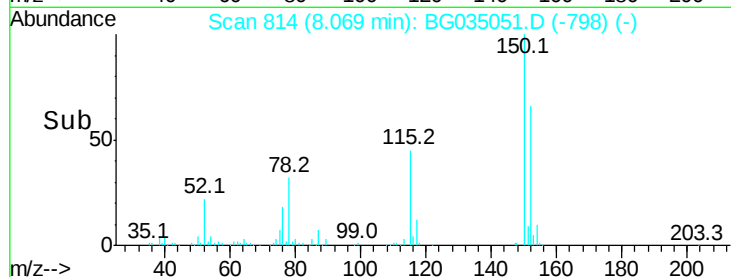
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG035051.D
Acq: 12 Jun 2018 3:55

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	126.6	189.8
115	68.3	53.0	79.4



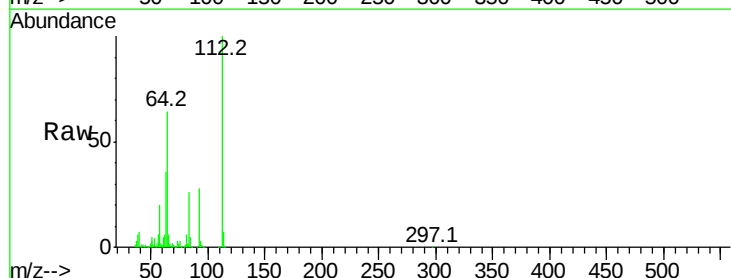
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



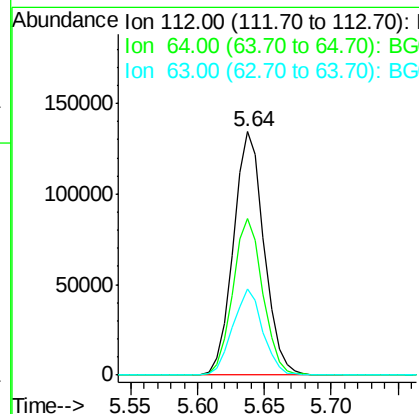
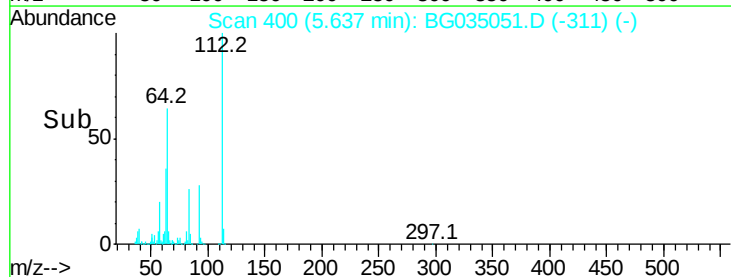
#5

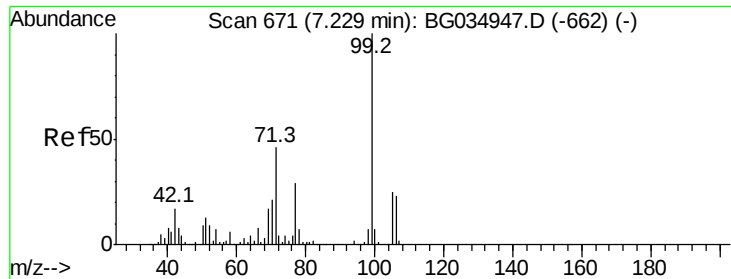
2-Fluorophenol
Concen: 71.896 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035051.D
Acq: 12 Jun 2018 3:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.3	84.5
63	35.6	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 45.749 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035051.D

Acq: 12 Jun 2018 3:55

Instrument :

BNA_M

ClientSampleId :

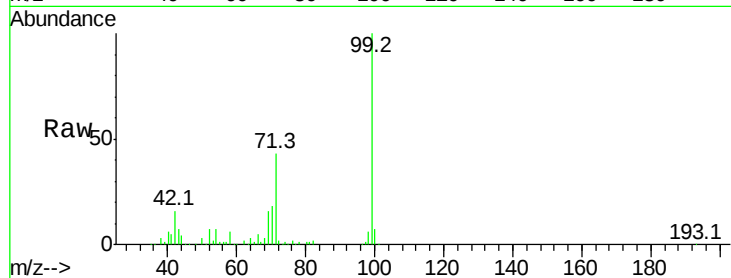
Tot Ion: 99 Resp: 202291

Ion Ratio Lower Upper

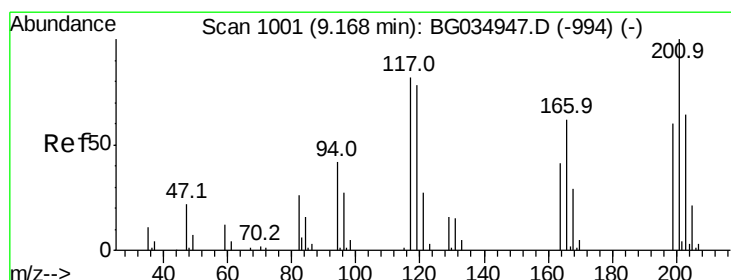
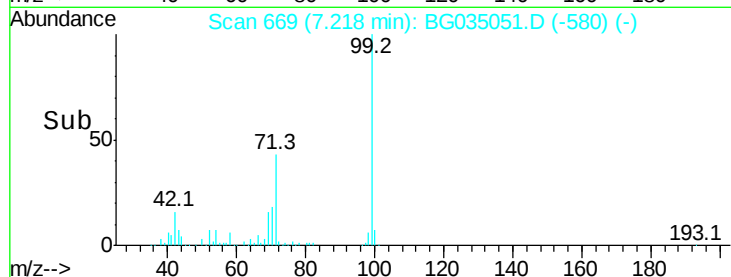
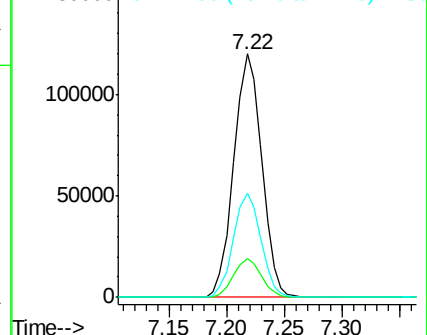
99 100

42 16.2 14.1 21.1

71 42.8 26.1 39.1#



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



#18

Hexachloroethane

Concen: 3.732 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.02 min

Lab File: BG035051.D

Acq: 12 Jun 2018 3:55

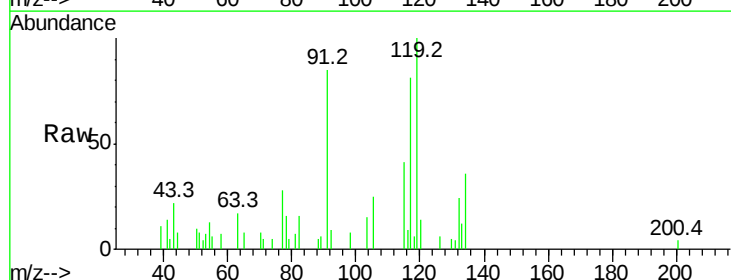
Tgt Ion: 117 Resp: 5168

Ion Ratio Lower Upper

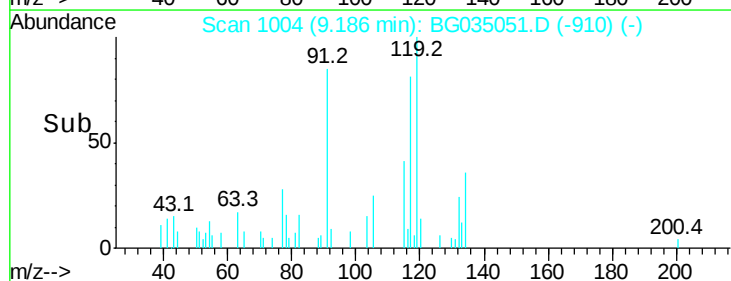
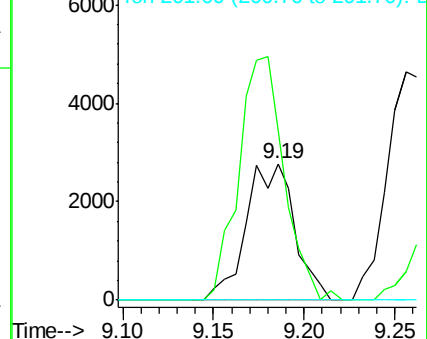
117 100

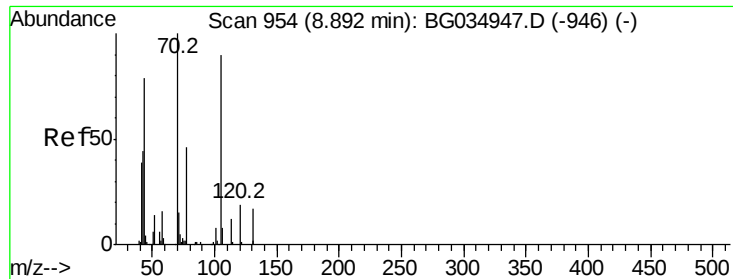
119 124.1 76.7 115.1#

201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.867 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG035051.D

Acq: 12 Jun 2018 3:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 63363

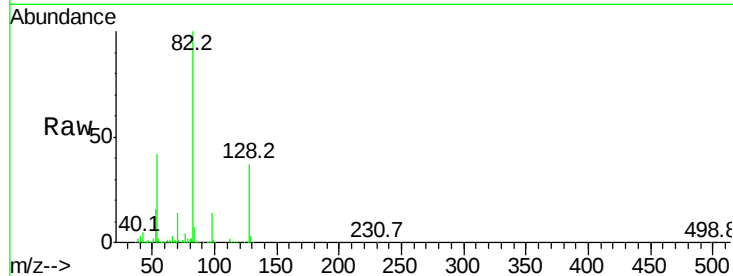
Ion Ratio Lower Upper

70 100

42 34.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.2 13.4 20.0#

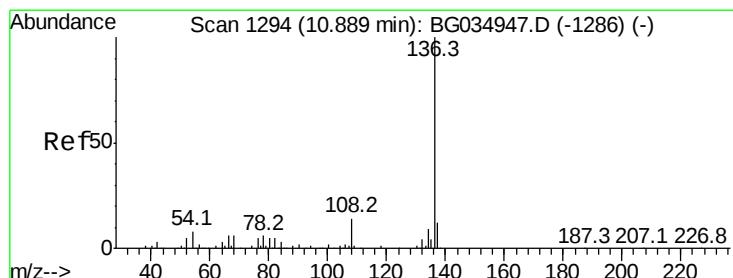
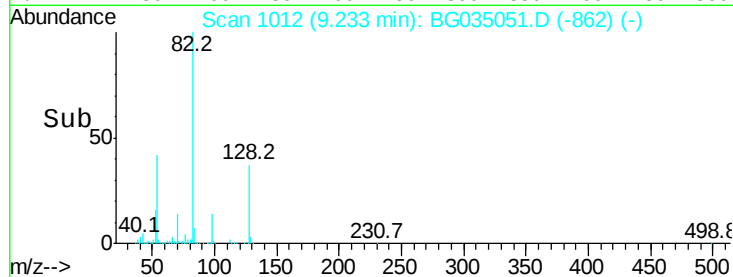
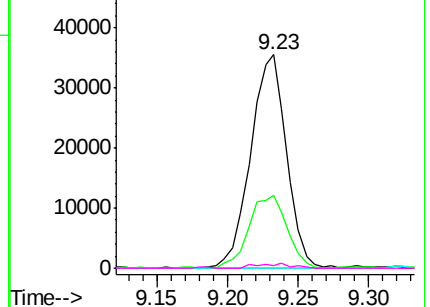


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG035051.D

Acq: 12 Jun 2018 3:55

Tgt Ion: 136 Resp: 195373

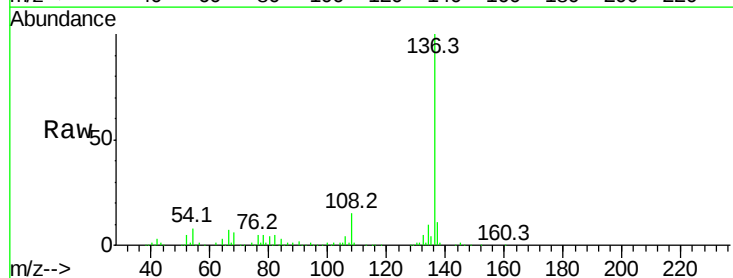
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.7 10.3 15.5#

68 6.0 4.5 6.7

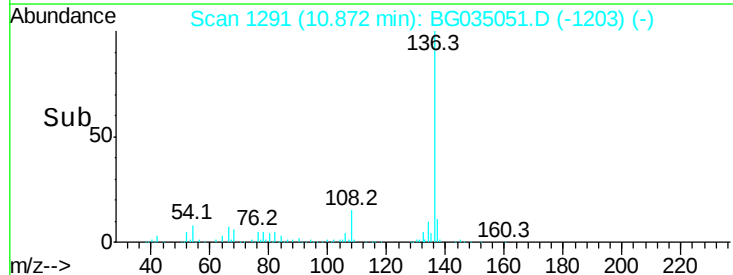
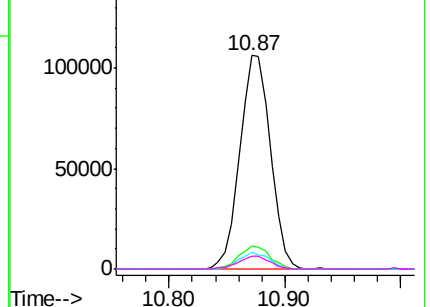


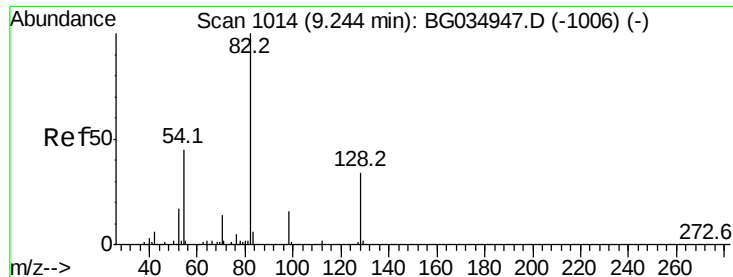
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

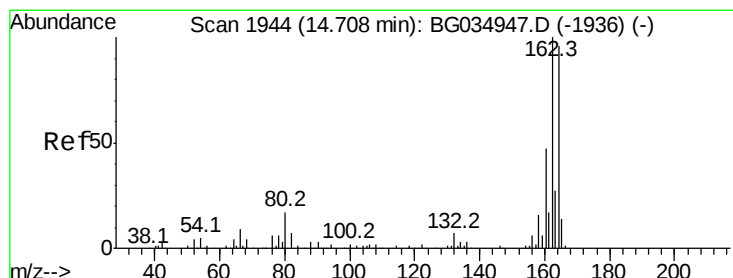
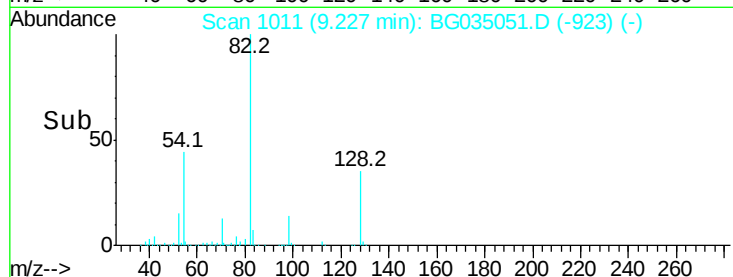
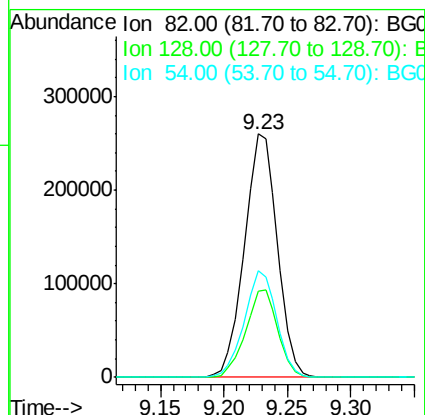
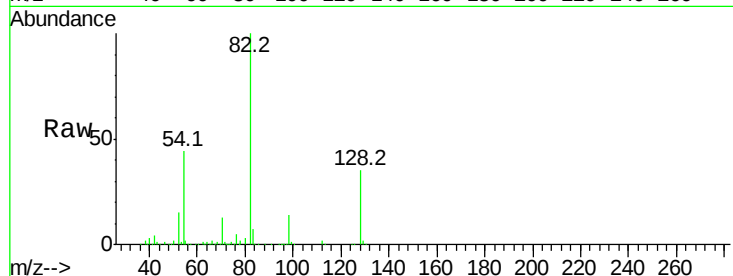




#23
 Nitrobenzene-d5
 Concen: 114.112 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035051.D
 Acq: 12 Jun 2018 3:55

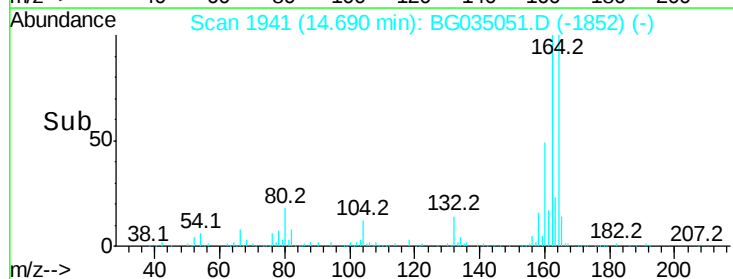
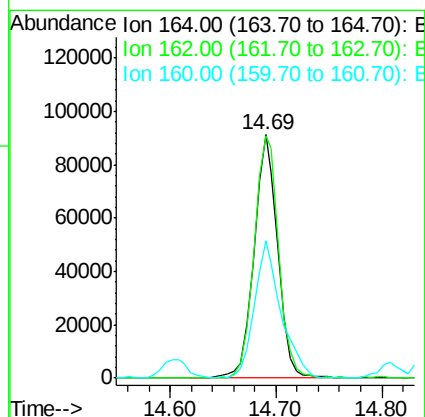
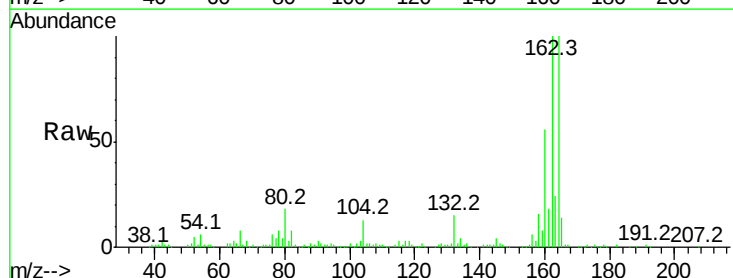
Instrument :
 BNA_M
 ClientSampleId :

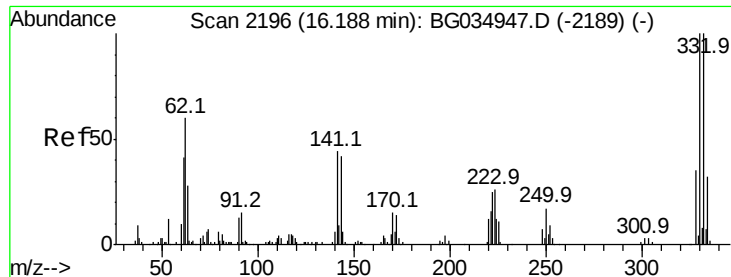
Tot Ion	82	Resp	469015
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.7	44.5
54	43.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG035051.D
 Acq: 12 Jun 2018 3:55

Tgt Ion	164	Resp	142423
Ion Ratio	Lower	Upper	
164	100		
162	99.7	78.8	118.2
160	56.2	35.4	53.0

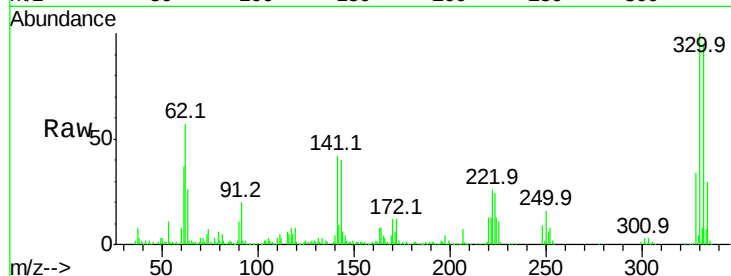




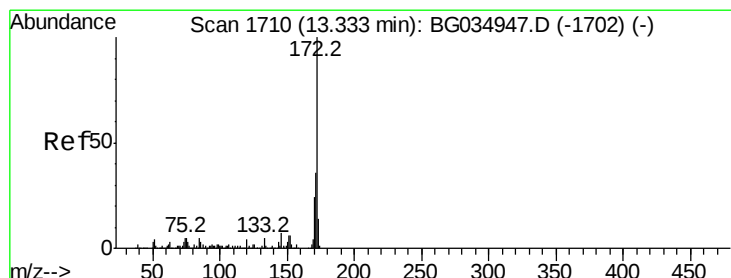
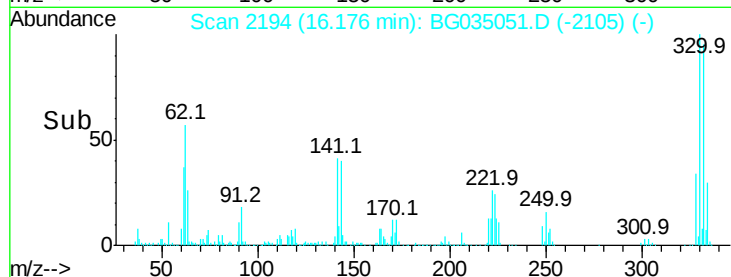
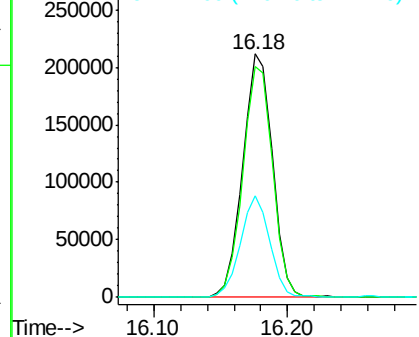
#41
 2,4,6-Tribromophenol
 Concen: 178.433 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG035051.D
 Acq: 12 Jun 2018 3:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 325319
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 40.7 25.2 37.8#

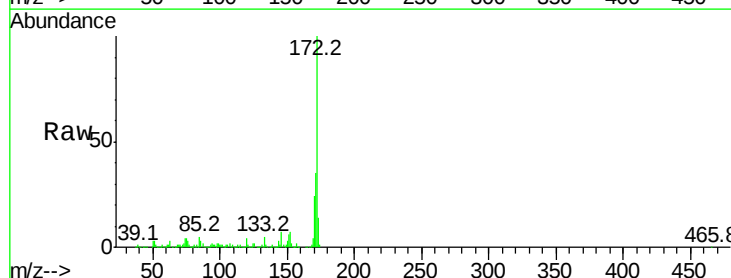


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

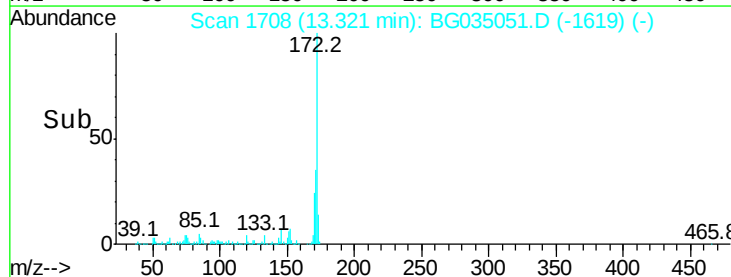
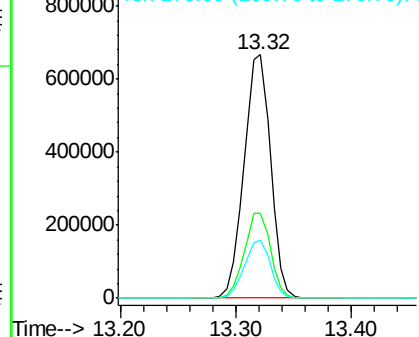


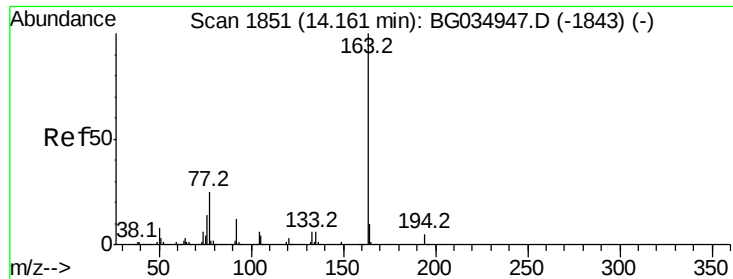
#44
 2-Fluorobiphenyl
 Concen: 97.056 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG035051.D
 Acq: 12 Jun 2018 3:55

Tgt Ion:172 Resp: 1063312
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 24.0 19.5 29.3



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

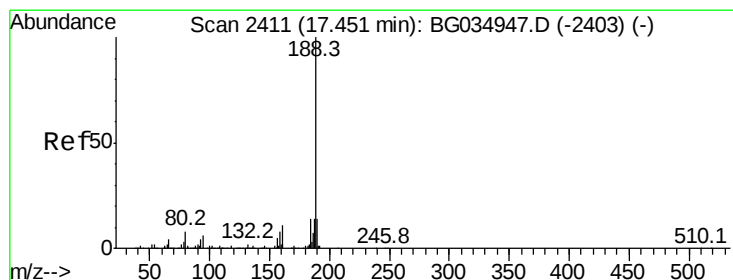
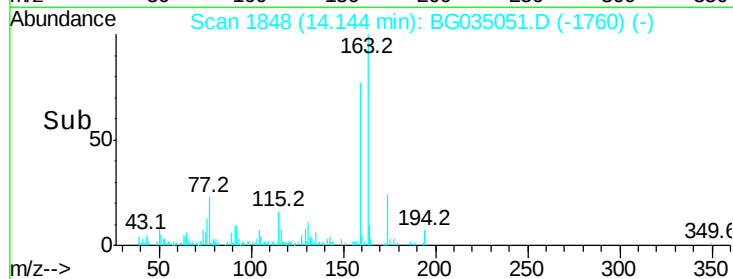
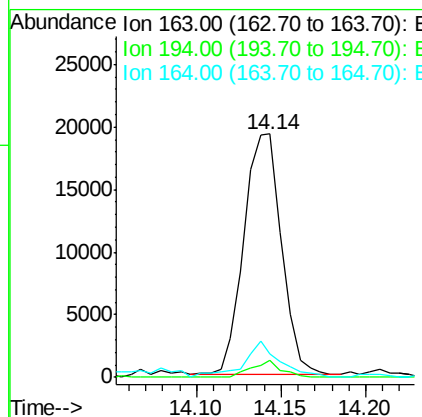
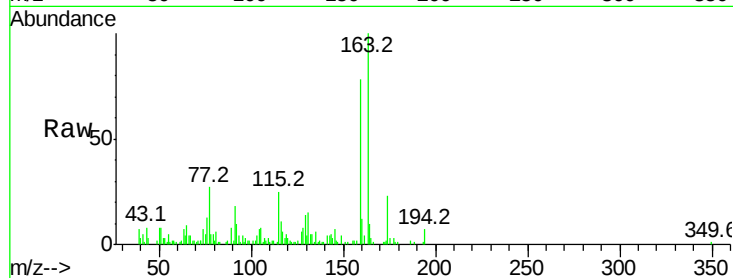




#49
Dimethylphthalate
Concen: 2.394 ng
RT: 14.14 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG035051.D
Acq: 12 Jun 2018 3:55

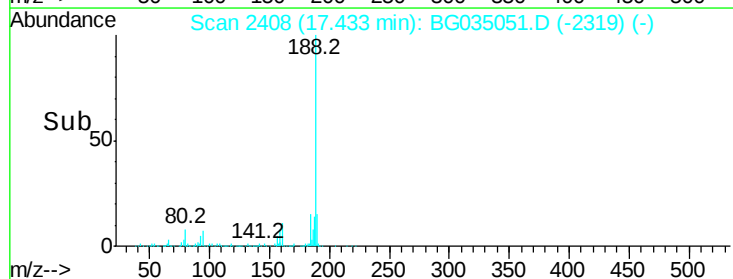
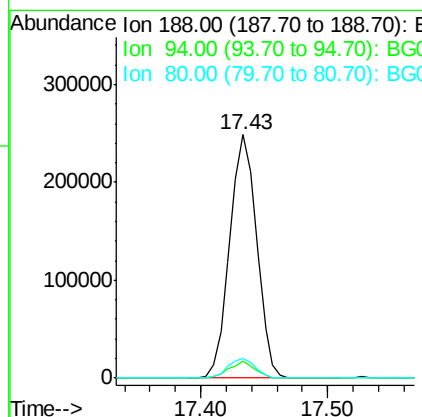
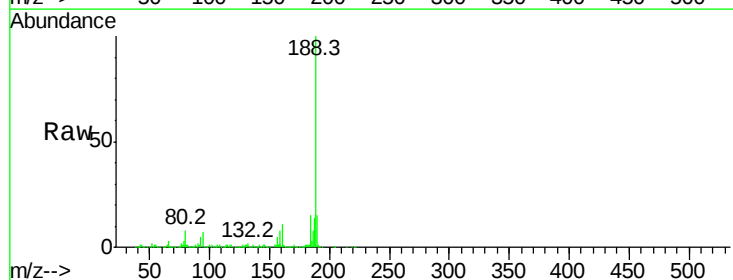
Instrument :
BNA_M
ClientSampleId :

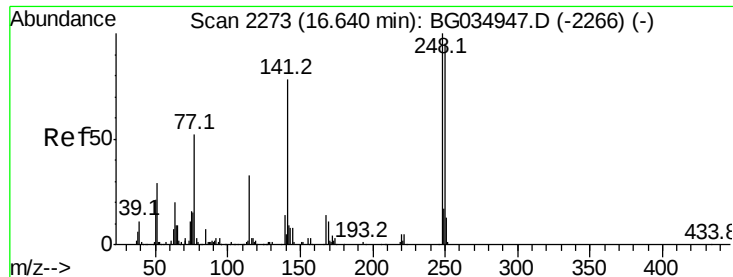
Tot Ion:163 Resp: 29731
Ion Ratio Lower Upper
163 100
194 7.1 3.4 5.2#
164 9.7 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG035051.D
Acq: 12 Jun 2018 3:55

Tgt Ion:188 Resp: 367026
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.3 7.7 11.5

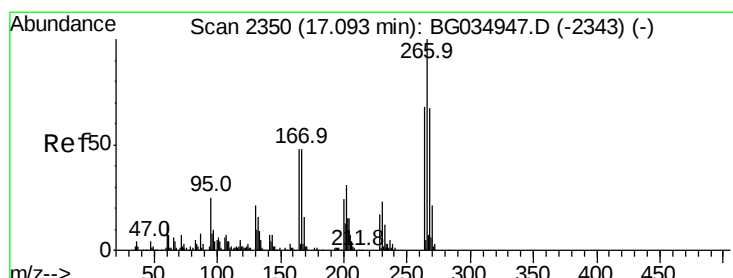
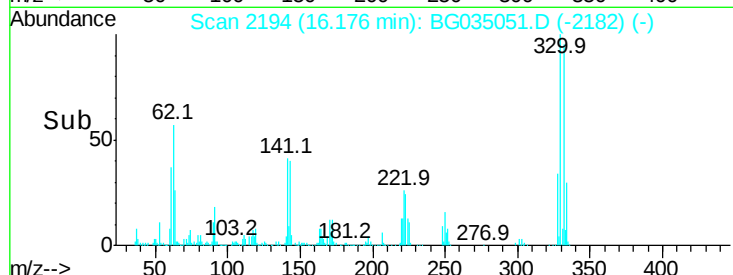
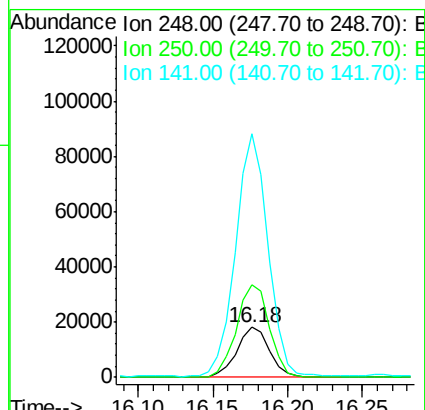
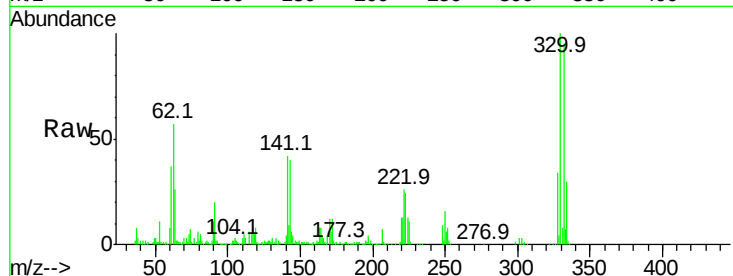




#66
4-Bromophenyl-phenylether
Concen: 6.260 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.46 min
Lab File: BG035051.D
Acq: 12 Jun 2018 3:55

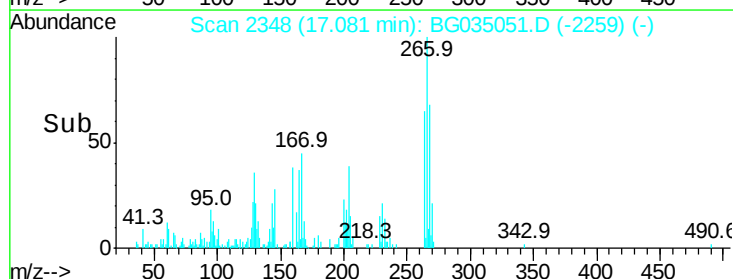
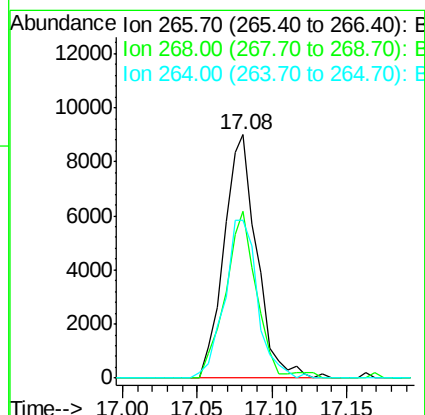
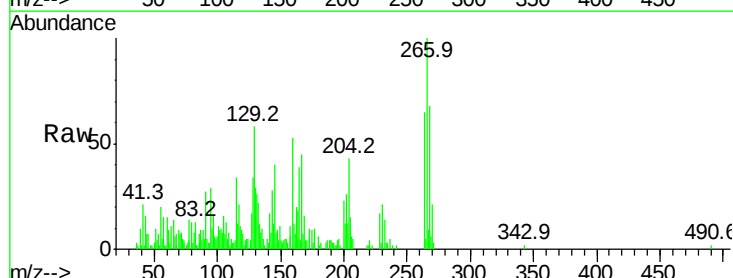
Instrument :
BNA_M
ClientSampled :

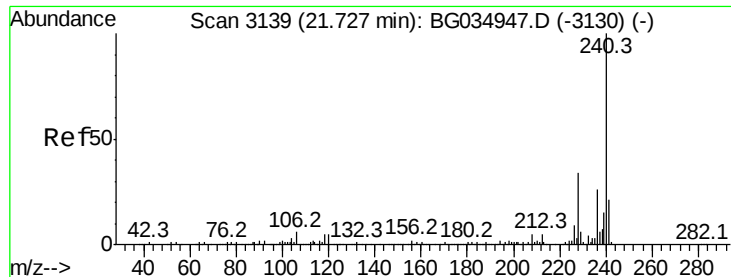
Tot Ion:248 Resp: 27669
Ion Ratio Lower Upper
248 100
250 184.4 77.1 115.7#
141 485.7 50.8 76.2#



#69
Pentachlorophenol
Concen: 4.575 ng
RT: 17.08 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG035051.D
Acq: 12 Jun 2018 3:55

Tgt Ion:266 Resp: 13840
Ion Ratio Lower Upper
266 100
268 68.5 51.1 76.7
264 64.9 49.6 74.4





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG035051.D

Acq: 12 Jun 2018 3:55

Instrument :

BNA_M

ClientSampleId :

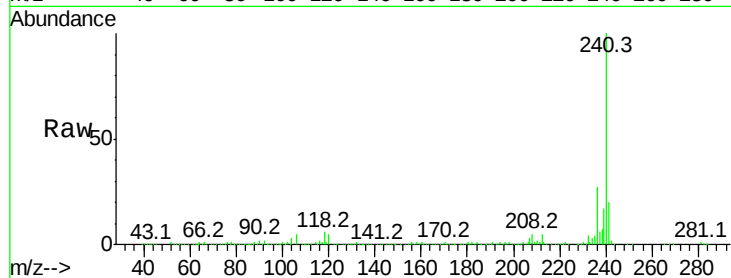
Tot Ion:240 Resp: 417889

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

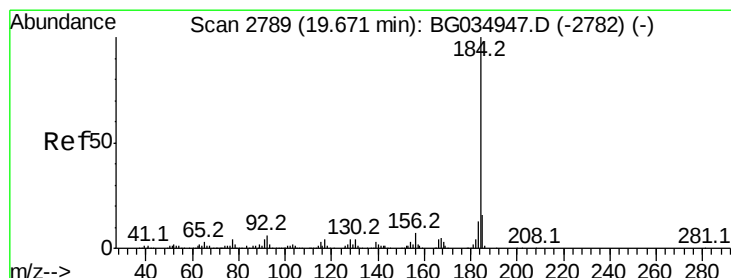
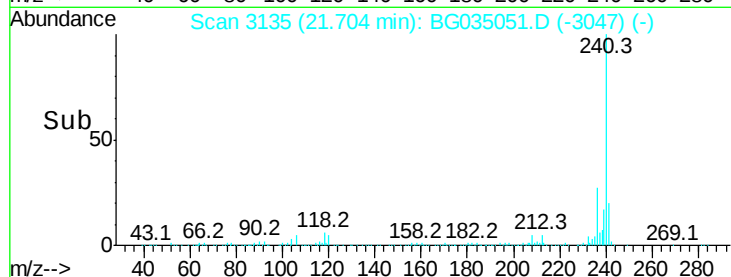
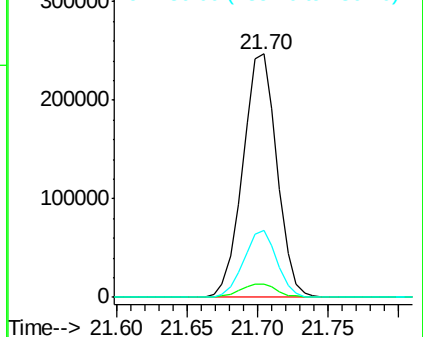
236 27.3 20.9 31.3



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



#76

Benzidine

Concen: 2.187 ng

RT: 20.04 min Scan# 2852

Delta R.T. 0.38 min

Lab File: BG035051.D

Acq: 12 Jun 2018 3:55

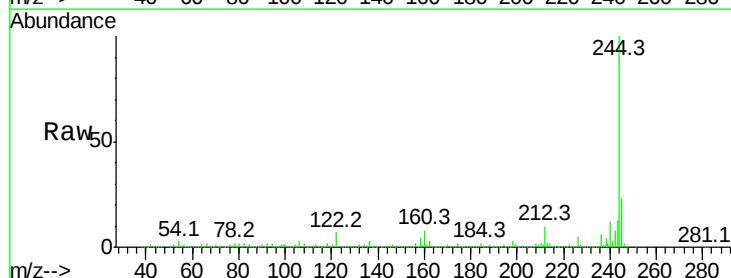
Tgt Ion:184 Resp: 33997

Ion Ratio Lower Upper

184 100

185 21.5 11.1 16.7#

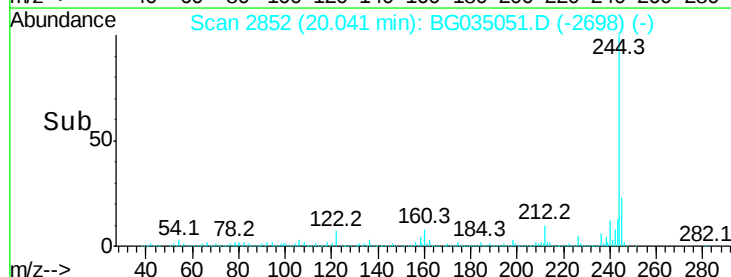
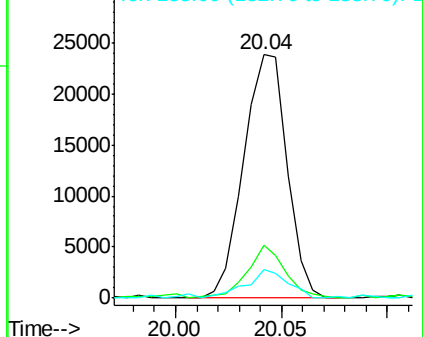
183 11.6 10.6 16.0

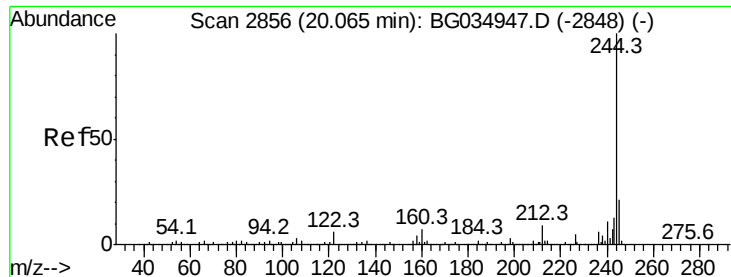


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 91.668 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG035051.D

Acq: 12 Jun 2018 3:55

Instrument :

BNA_M

ClientSampleId :

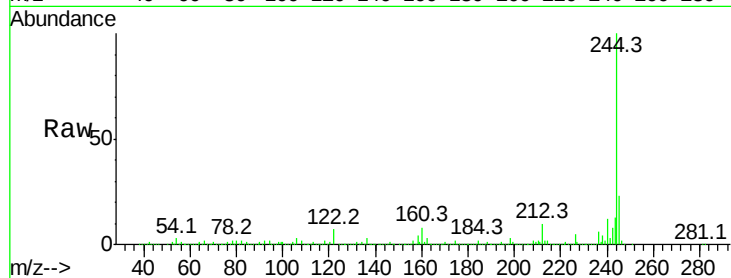
Tot Ion:244 Resp: 1828782

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

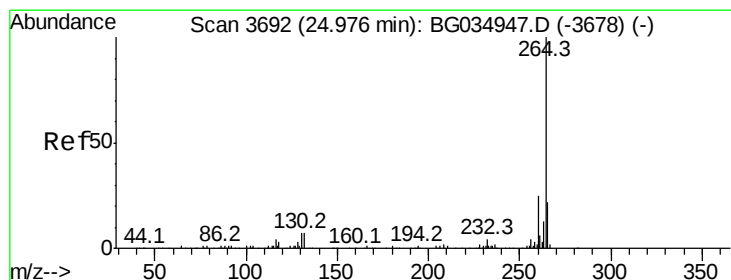
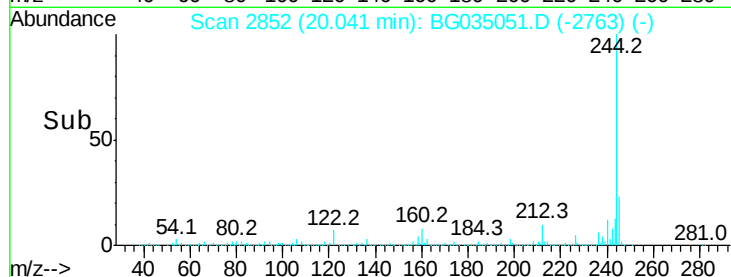
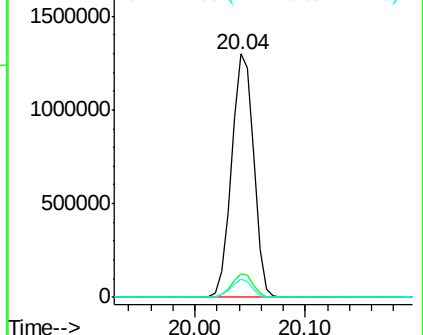
122 7.4 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG035051.D

Acq: 12 Jun 2018 3:55

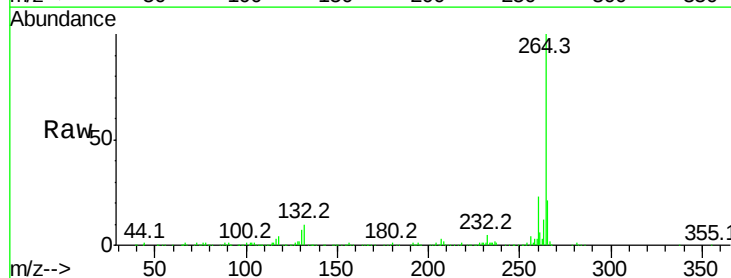
Tgt Ion:264 Resp: 421753

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 20.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

