

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036546.D
 Acq On : 5 Sep 2018 1:38
 Operator : JU/SJ
 Sample : J4757-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 02:30:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

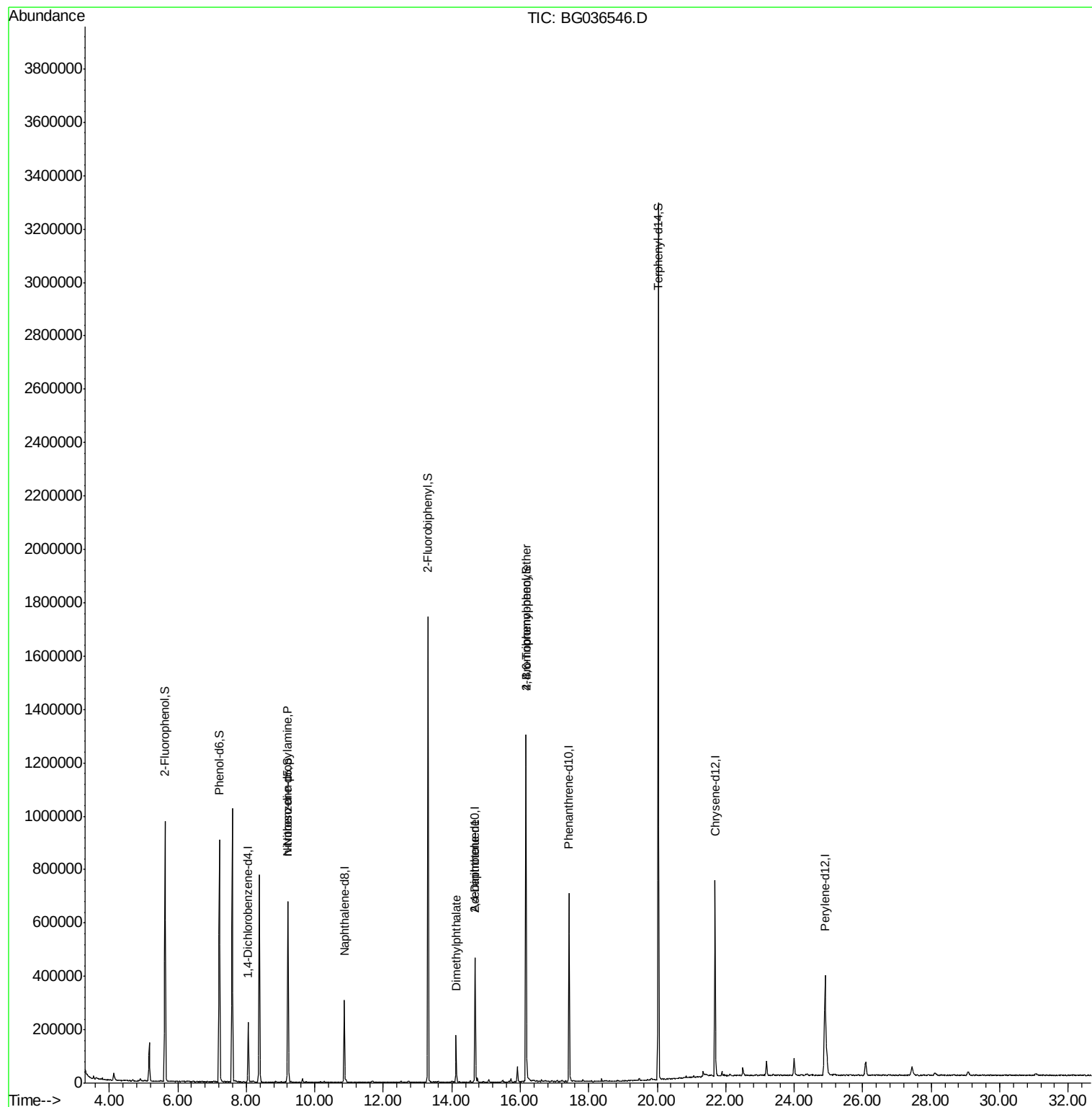
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62938	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	258338	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	165607	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	435364	20.00	ng	0.00
75) Chrysene-d12	21.69	240	464889	20.00	ng	0.00
86) Perylene-d12	24.90	264	438423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	415510	104.73	ng	0.00
7) Phenol-d6	7.21	99	524219	92.28	ng	0.00
23) Nitrobenzene-d5	9.22	82	401884	84.40	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	239253	121.08	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	900609	77.65	ng	0.00
78) Terphenyl-d14	20.03	244	1568985	78.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	53482	12.597	ng	# 72
49) Dimethylphthalate	14.13	163	111145	8.219	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	21942	6.050	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	17318	3.398	ng	# 1

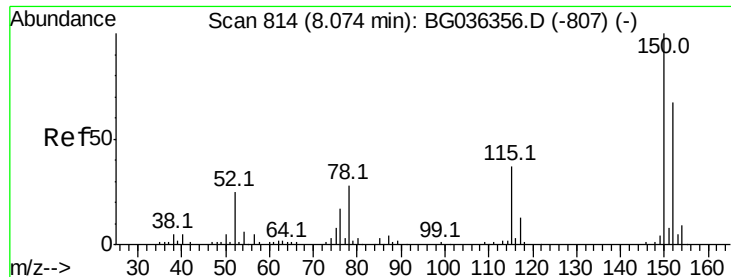
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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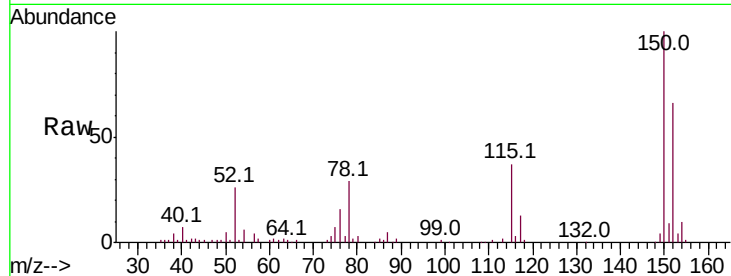


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036546.D
Acq: 5 Sep 2018 1:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	119.5	179.3
115	55.7	44.5	66.7

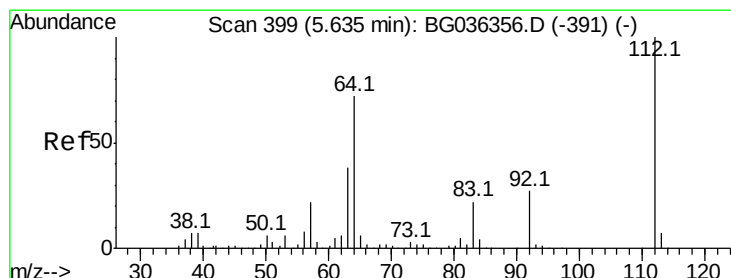
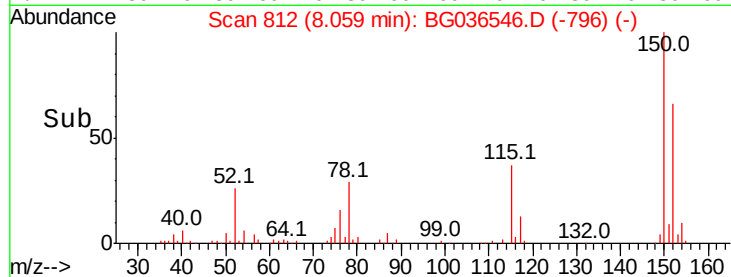
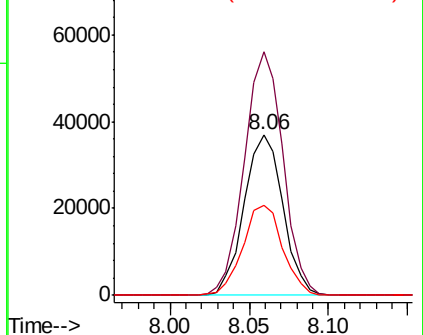


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

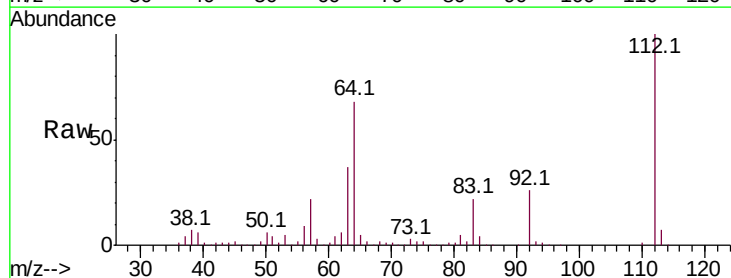
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.725 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036546.D
Acq: 5 Sep 2018 1:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.2	85.8
63	36.5	30.8	46.2

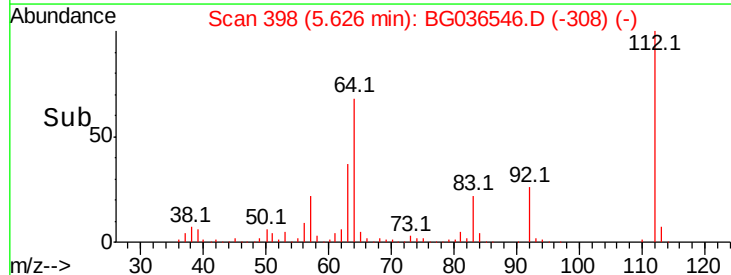
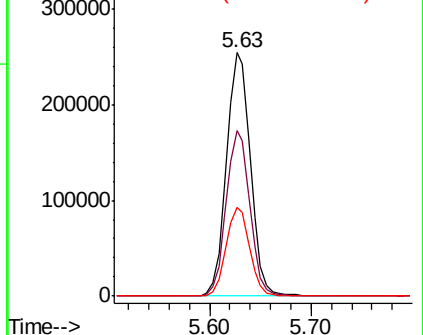


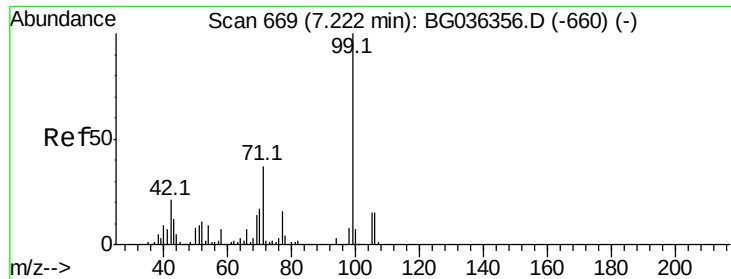
Abundance

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: 92.282 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036546.D

Acq: 5 Sep 2018 1:38

Instrument :

BNA_G

ClientSampleId :

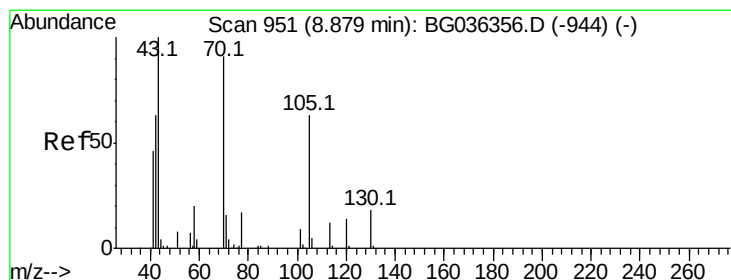
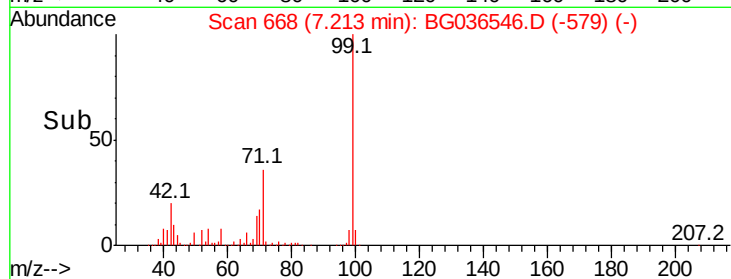
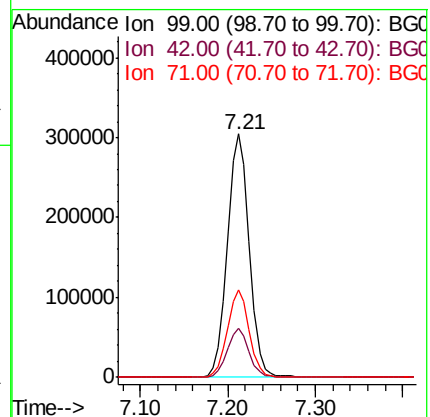
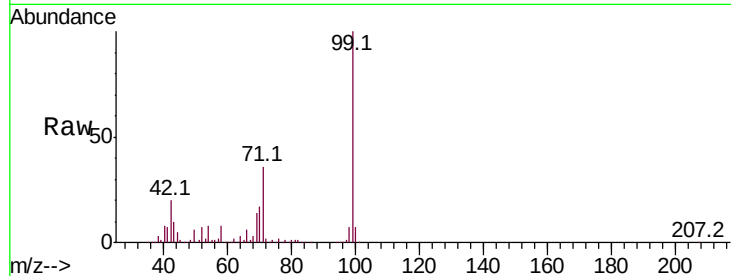
Tot Ion: 99 Resp: 524219

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

71 36.0 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.597 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036546.D

Acq: 5 Sep 2018 1:38

Tgt Ion: 70 Resp: 53482

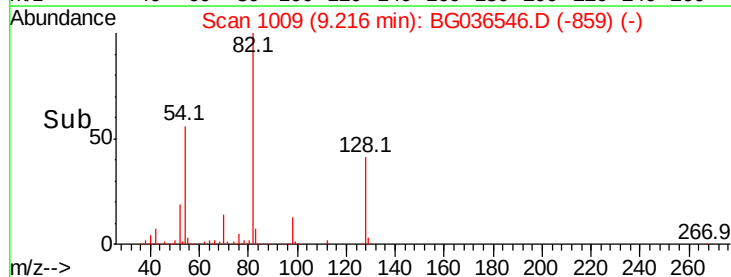
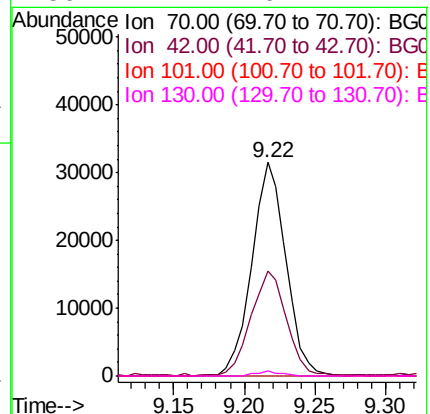
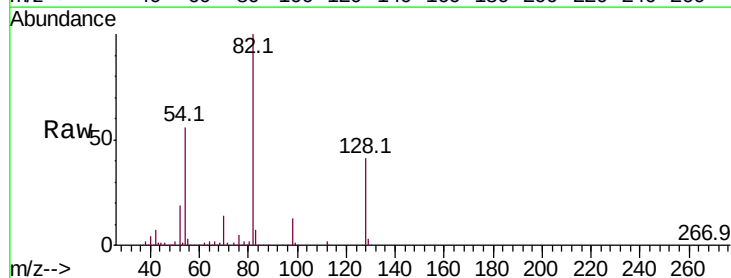
Ion Ratio Lower Upper

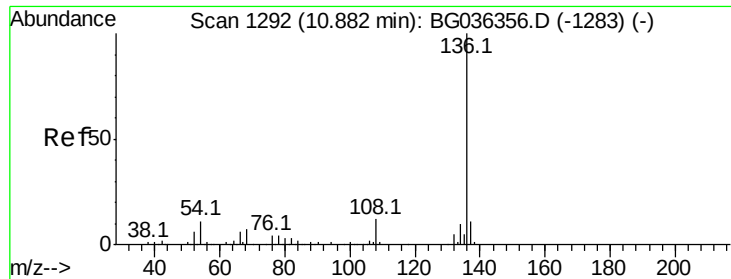
70 100

42 49.3 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 16.2 24.2#

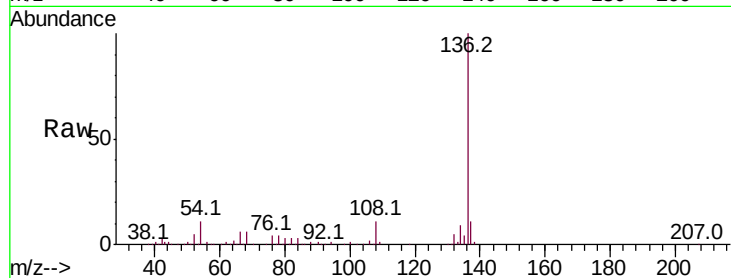




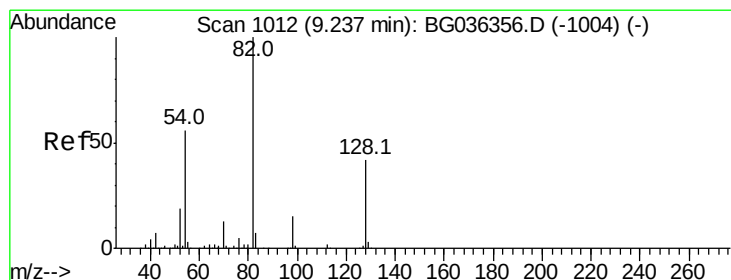
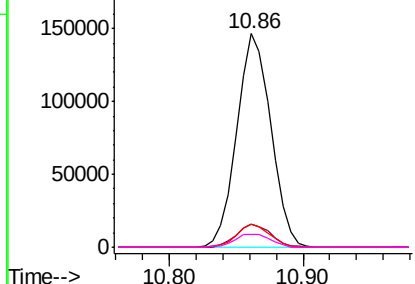
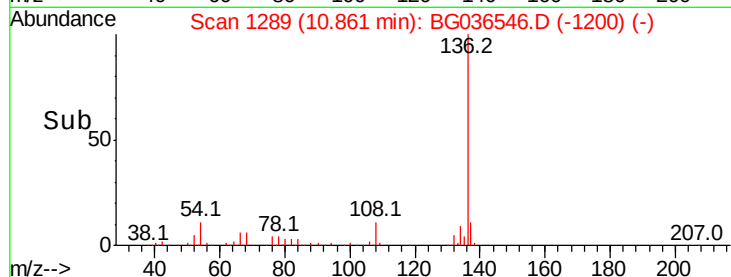
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036546.D
Acq: 5 Sep 2018 1:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	258338
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	10.8	9.2 13.8
68	5.8	5.8 8.6

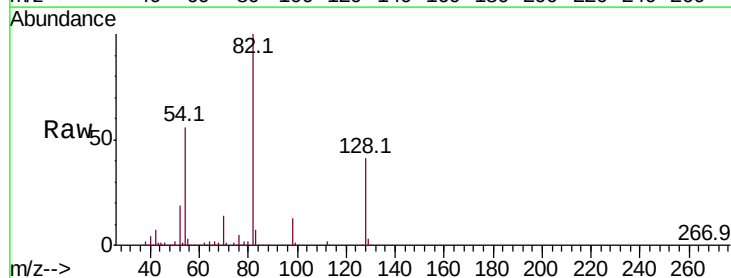


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

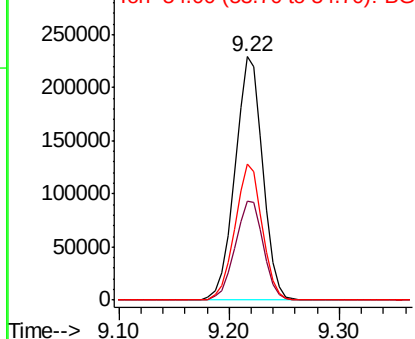
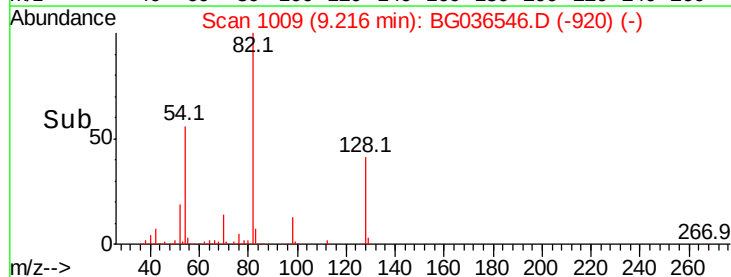


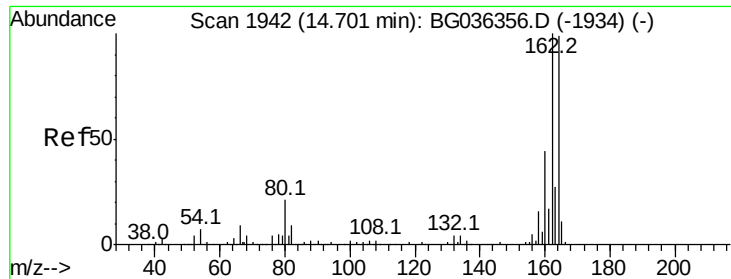
#23
Nitrobenzene-d5
Concen: 84.405 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036546.D
Acq: 5 Sep 2018 1:38

Tgt Ion: 82	Resp:	401884
Ion Ratio	Lower	Upper
82	100	
128	40.6	33.3 49.9
54	55.9	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

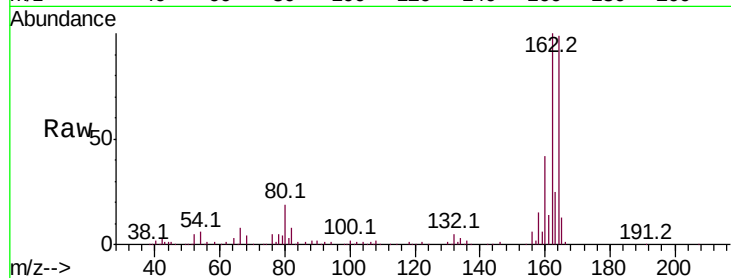




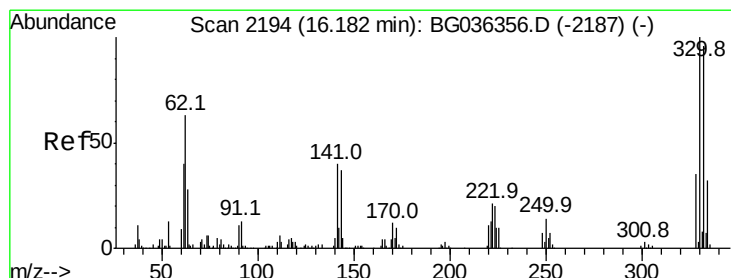
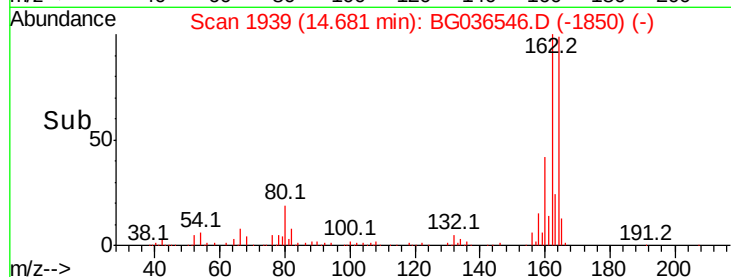
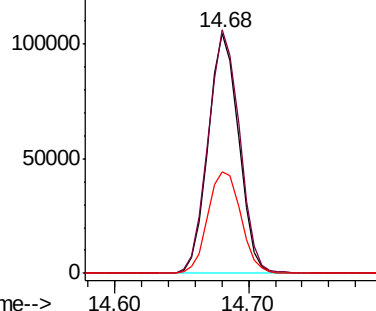
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036546.D
 Acq: 5 Sep 2018 1:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	42.5	35.3	52.9

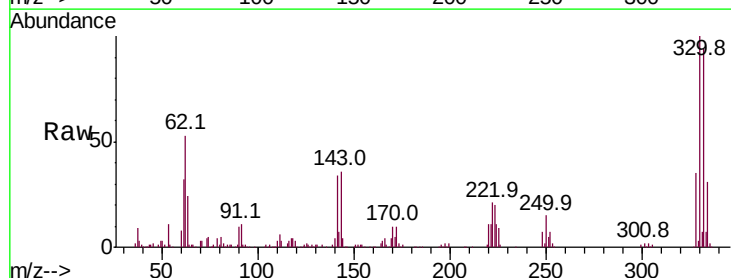


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

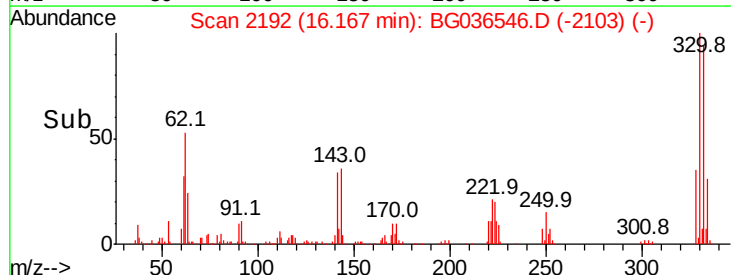
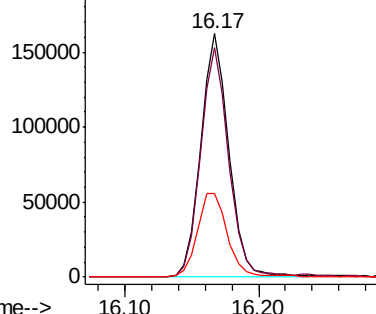


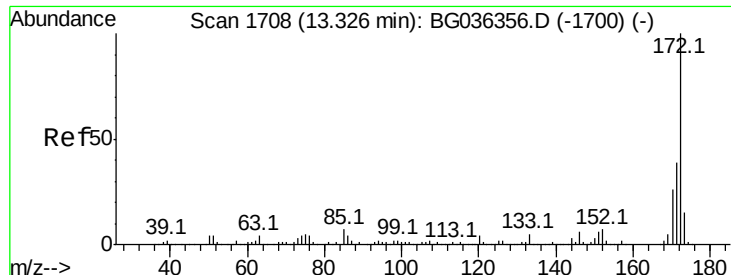
#41
 2,4,6-Tribromophenol
 Concen: 121.076 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036546.D
 Acq: 5 Sep 2018 1:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.4	113.2
141	37.2	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

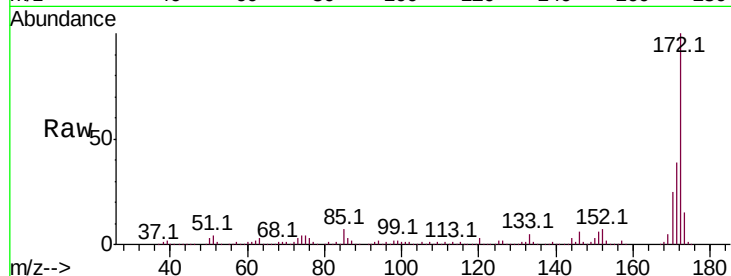




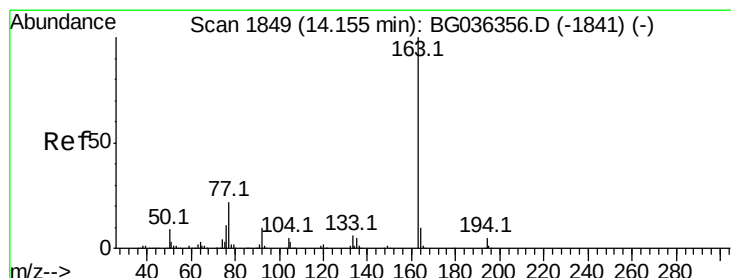
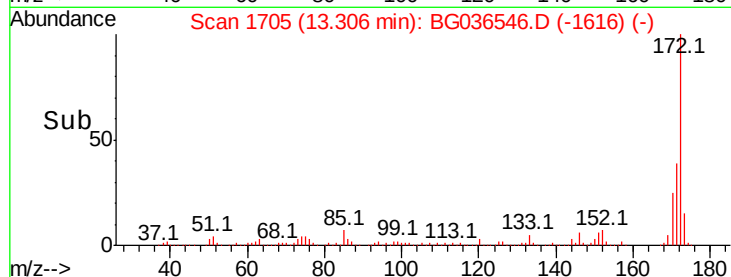
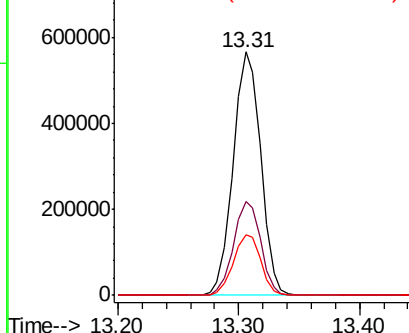
#44
2-Fluorobiphenyl
Concen: 77.648 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036546.D
Acq: 5 Sep 2018 1:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	24.8	21.0	31.6

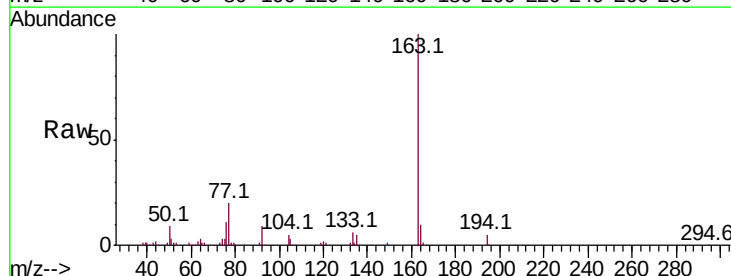


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

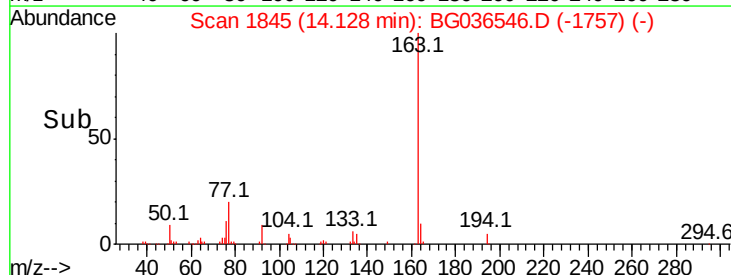
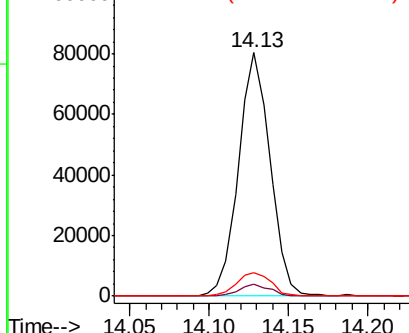


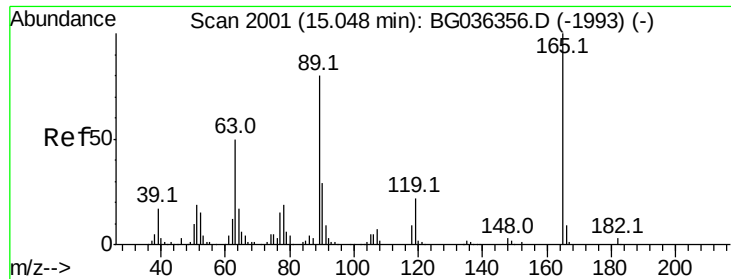
#49
Dimethylphthalate
Concen: 8.219 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036546.D
Acq: 5 Sep 2018 1:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.0	6.0
164	9.5	8.1	12.1



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

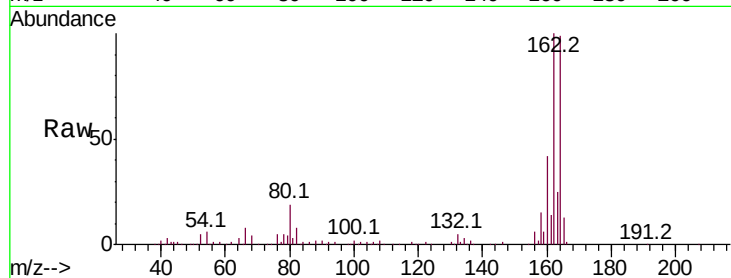




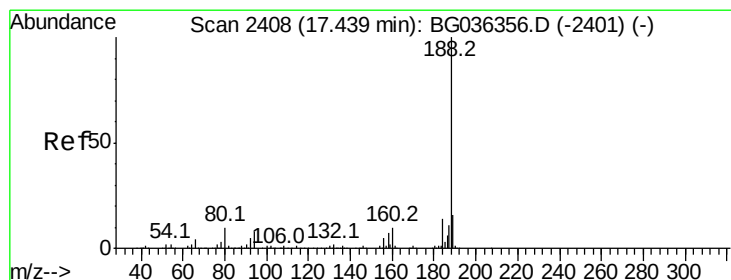
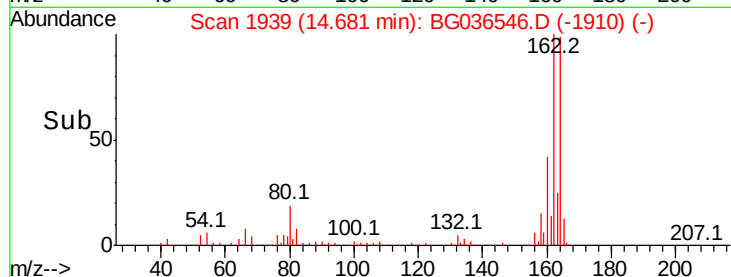
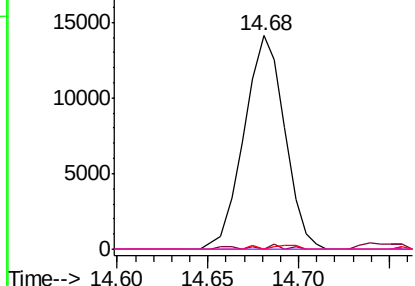
#56
 2,4-Dinitrotoluene
 Concen: 6.050 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036546.D
 Acq: 5 Sep 2018 1:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

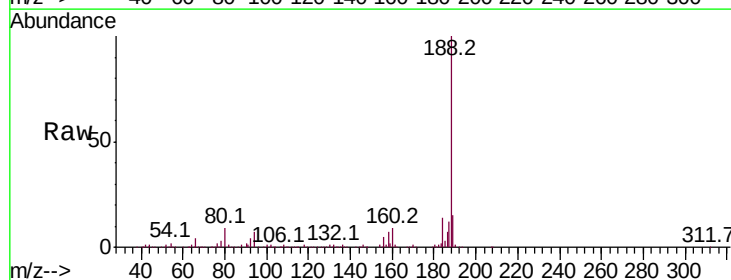


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

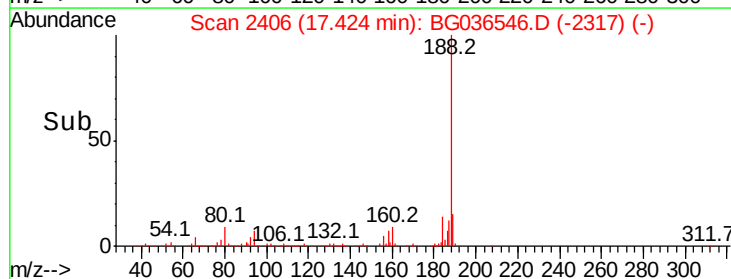
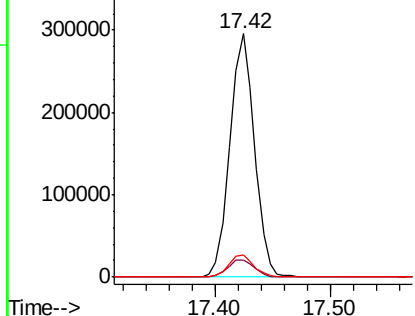


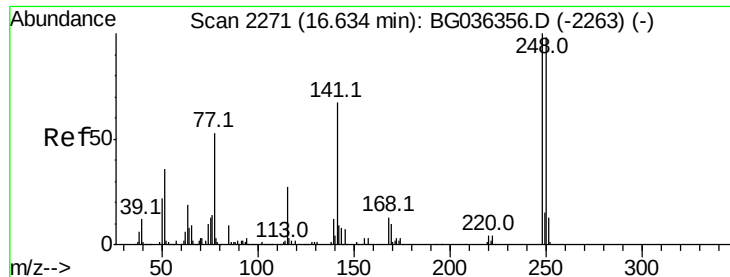
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036546.D
 Acq: 5 Sep 2018 1:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.2	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

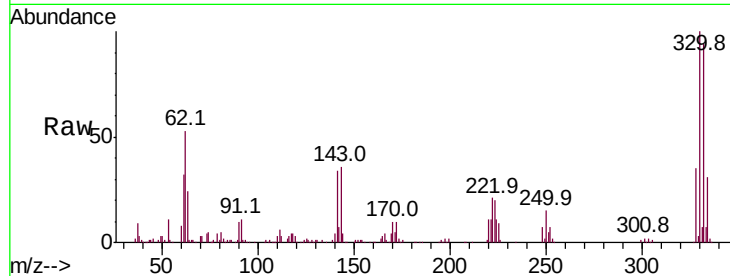




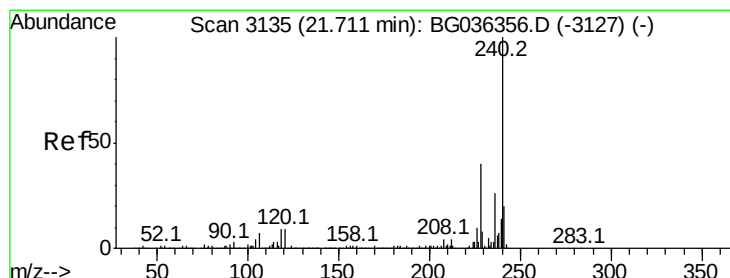
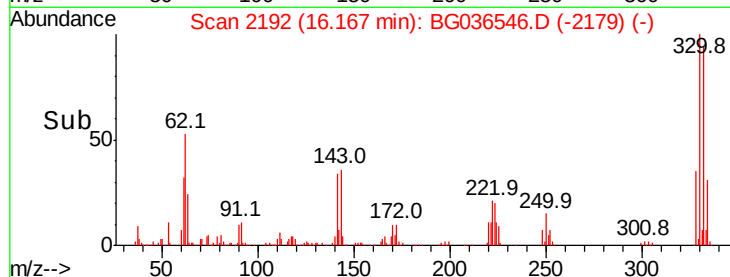
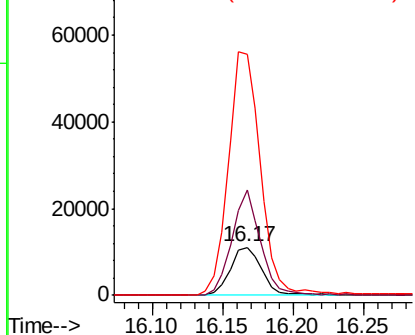
#66
4-Bromophenyl-phenylether
Concen: 3.398 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036546.D
Acq: 5 Sep 2018 1:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17318
Ion Ratio Lower Upper
248 100
250 219.4 78.1 117.1#
141 501.9 53.7 80.5#

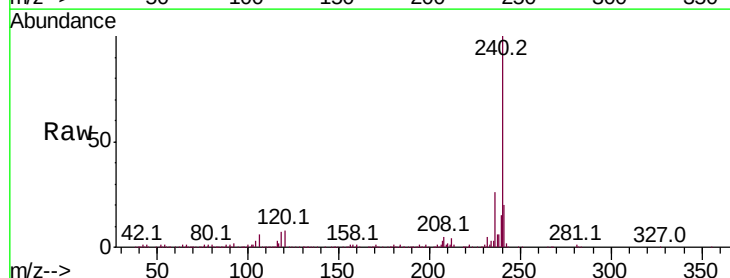


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

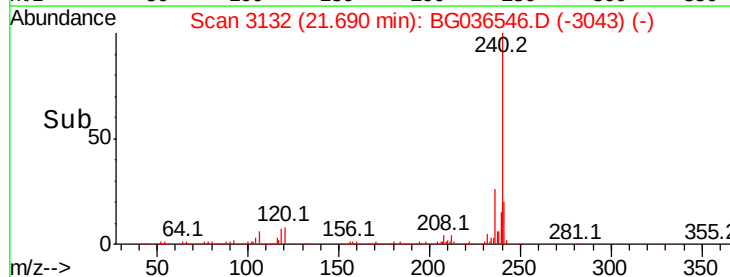
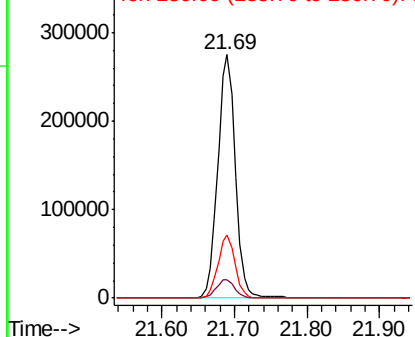


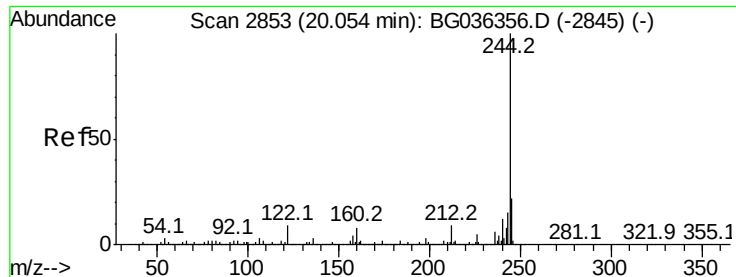
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036546.D
Acq: 5 Sep 2018 1:38

Tgt Ion:240 Resp: 464889
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 25.7 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: 78.885 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036546.D

Acq: 5 Sep 2018 1:38

Instrument :

BNA_G

ClientSampled :

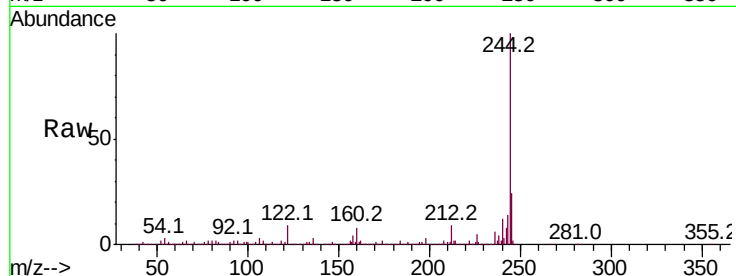
Tot Ion:244 Resp: 1568985

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.5	7.1	10.7

244 100

212 9.0 7.0 10.6

122 9.5 7.1 10.7

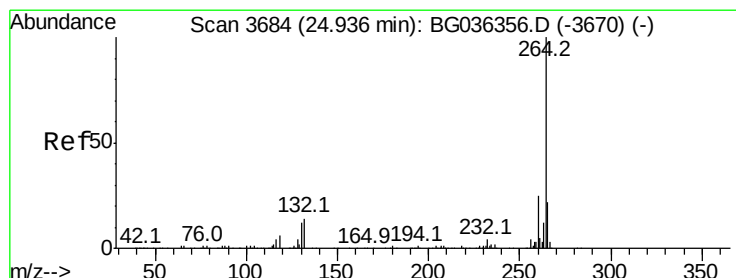
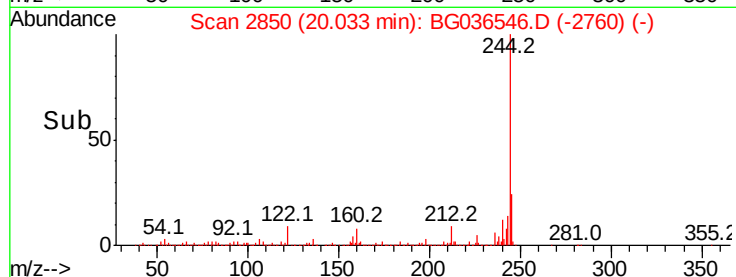
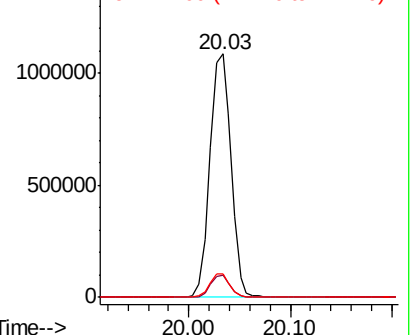


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036546.D

Acq: 5 Sep 2018 1:38

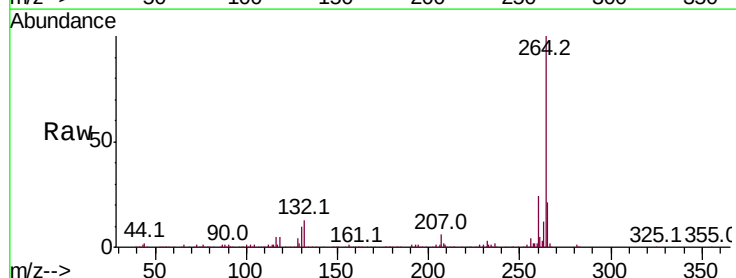
Tgt Ion:264 Resp: 438423

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.4	17.4	26.0

264 100

260 23.9 19.6 29.4

265 21.4 17.4 26.0



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

