

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028912.D
 Acq On : 25 Sep 2017 17:54
 Operator : SJ/JU
 Sample : I5301-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 01:25:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

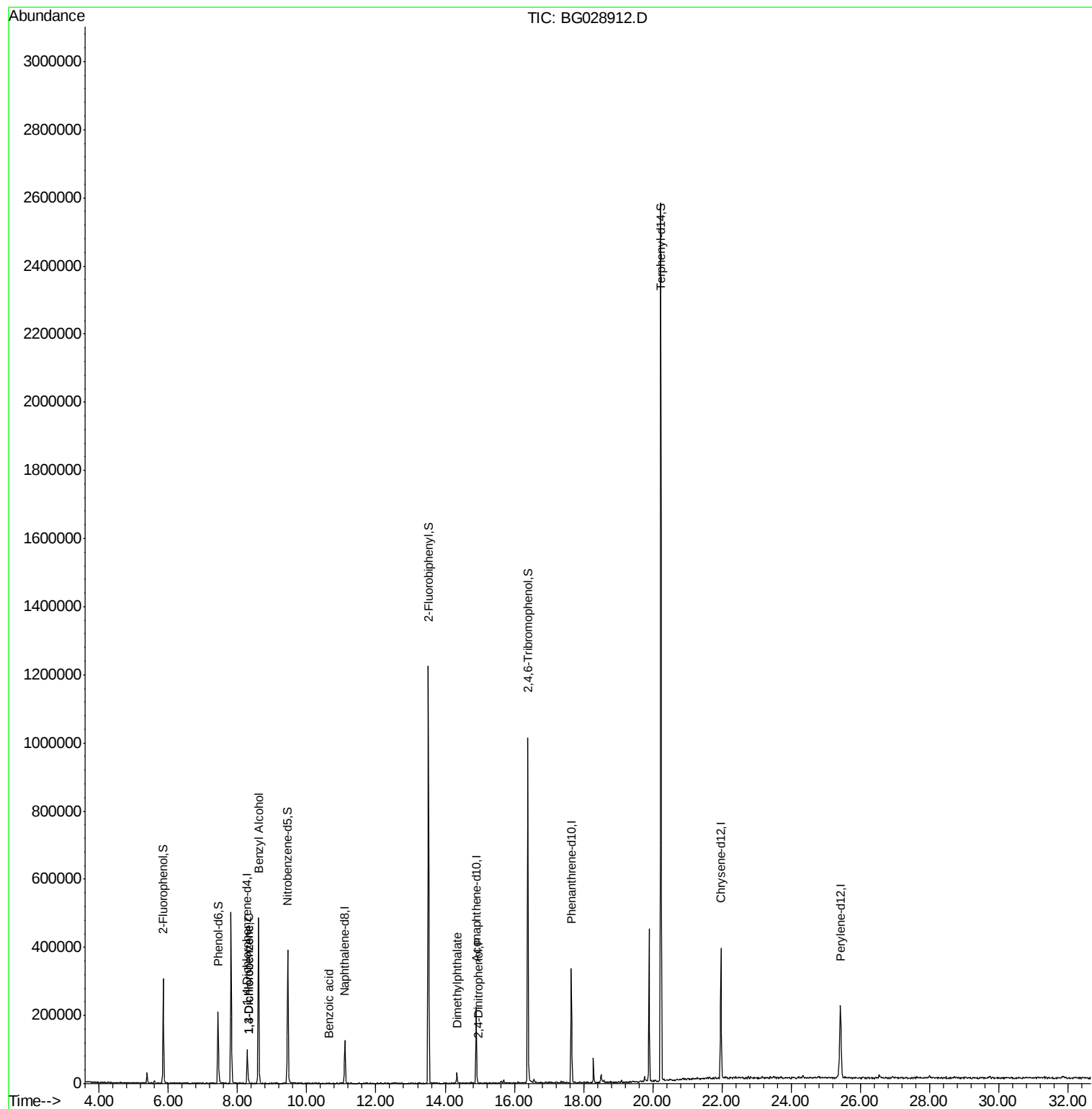
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	28523	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	109875	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	78993	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	222163	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	262592	20.00	ng	-0.07
86) Perylene-d12	25.42	264	266073	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	132611	76.72	ng	-0.05
7) Phenol-d6	7.44	99	130257	50.05	ng	-0.05
23) Nitrobenzene-d5	9.45	82	252831	110.08	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	223356	170.96	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	656870	110.88	ng	-0.05
78) Terphenyl-d14	20.23	244	1285956	104.44	ng	-0.05
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	8.32	146	4777	2.30	ng	93
13) 1,4-Dichlorobenzene	8.32	146	4777	2.24	ng	95
15) Benzyl Alcohol	8.61	79	4844	2.38	ng	# 82
32) Benzoic acid	10.64	122	60	6.12	ng	# 1
49) Dimethylphthalate	14.34	163	22128	3.34	ng	# 98
53) 2,4-Dinitrophenol	14.96	184	54	8.06	ng	# 15

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 799

Delta R.T. -0.05 min

Lab File: BG028912.D

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ClientSampleId :

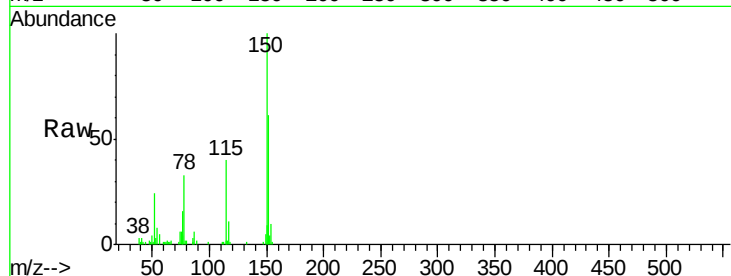
Tot Ion:152 Resp: 28523

Ion Ratio Lower Upper

152 100

150 162.8 114.0 171.0

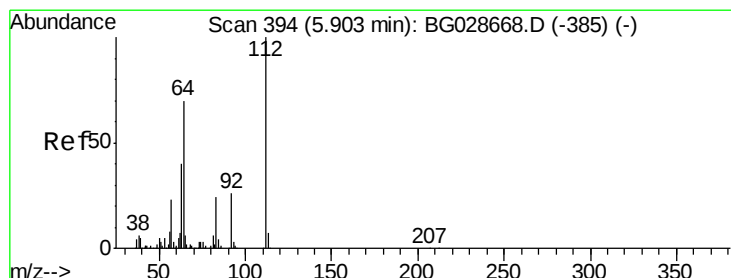
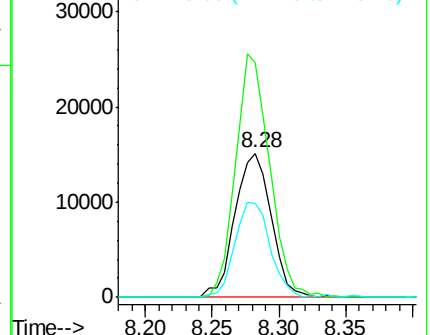
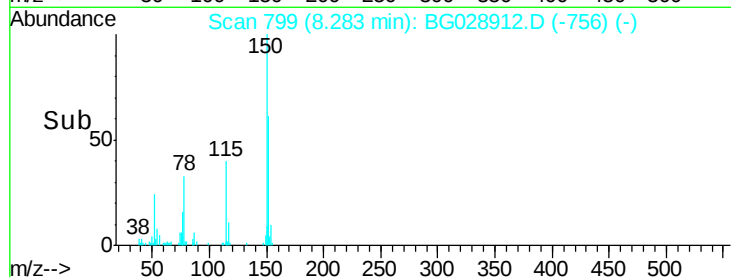
115 64.8 48.1 72.1



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: 76.72 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

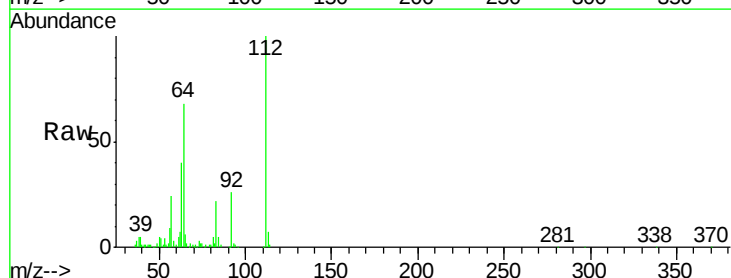
Tgt Ion:112 Resp: 132611

Ion Ratio Lower Upper

112 100

64 68.5 61.8 92.6

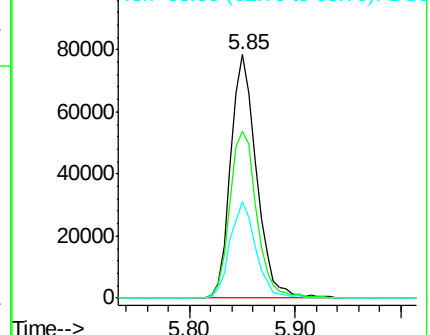
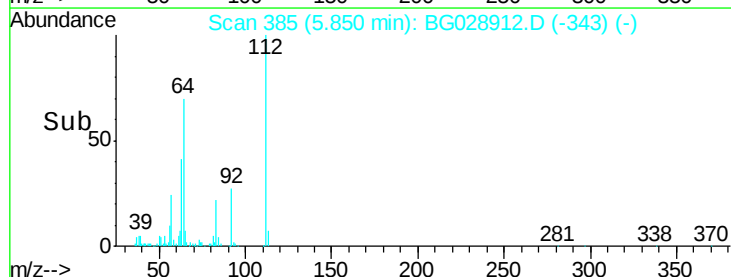
63 39.8 37.2 55.8

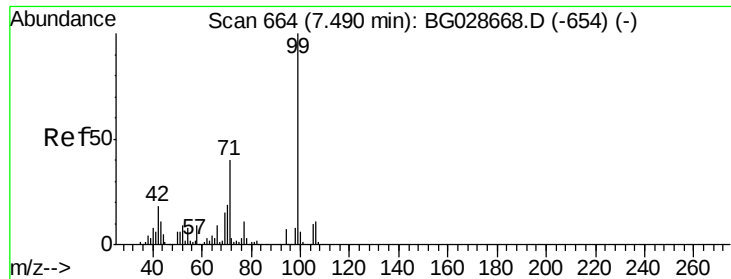


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 50.05 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

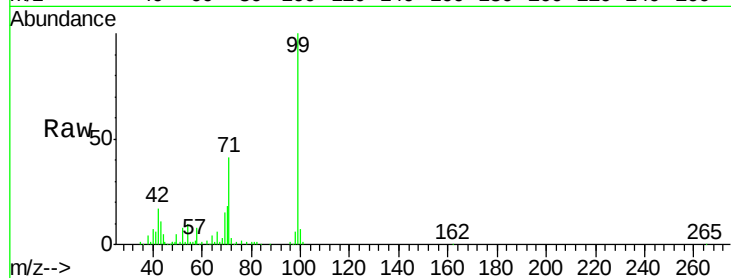
Instrument :

BNA_G

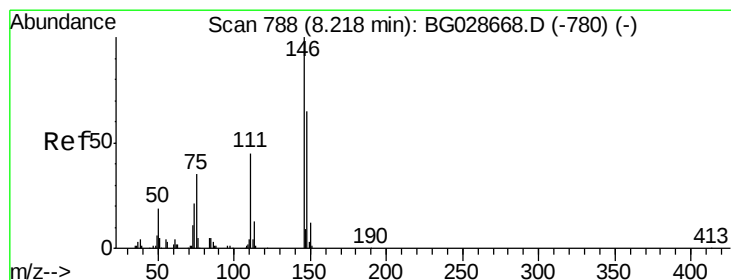
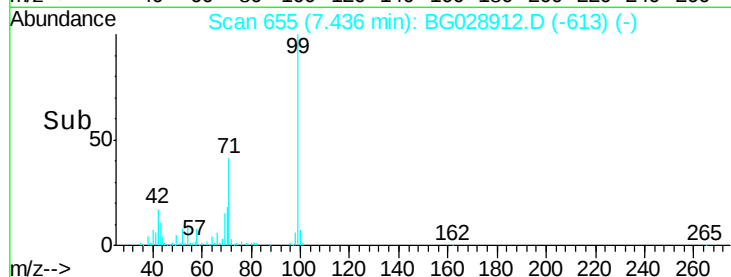
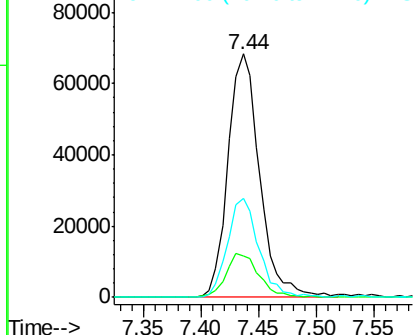
ClientSampleId :

Tot Ion: 99 Resp: 130257

Ion	Ratio	Lower	Upper
99	100		
42	17.1	20.5	30.7#
71	40.6	37.6	56.4



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



#12

1,3-Dichlorobenzene

Concen: 2.30 ng

RT: 8.32 min Scan# 805

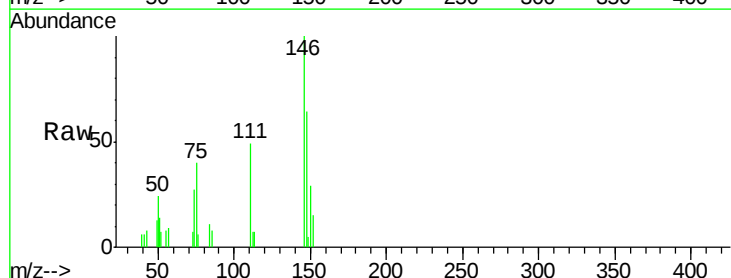
Delta R.T. 0.10 min

Lab File: BG028912.D

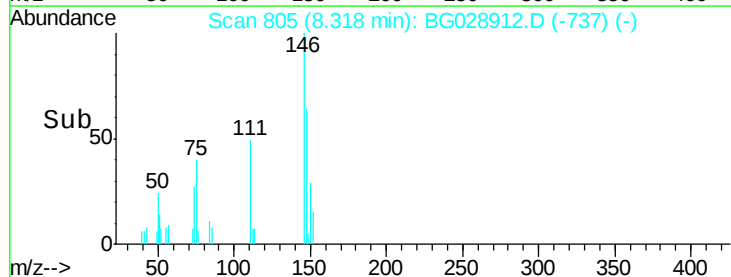
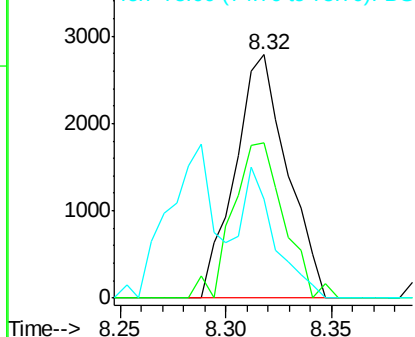
Acq: 25 Sep 2017 17:54

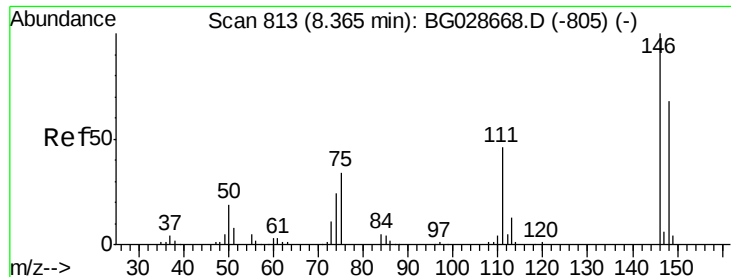
Tgt Ion: 146 Resp: 4777

Ion	Ratio	Lower	Upper
146	100		
148	69.2	49.2	73.8
75	40.5	33.4	50.2



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

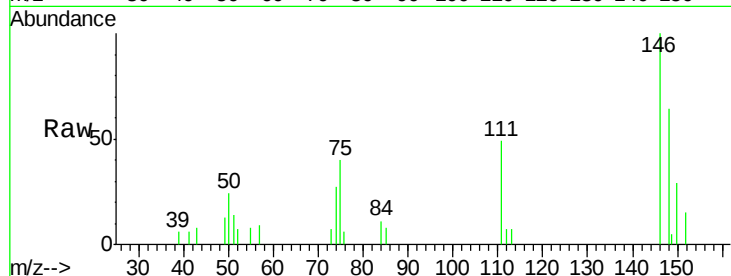




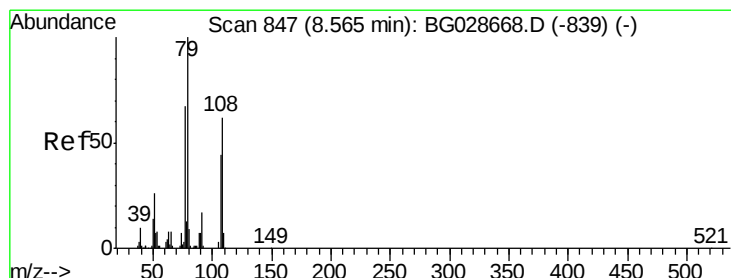
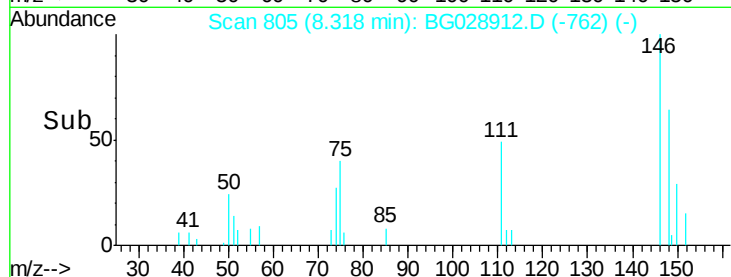
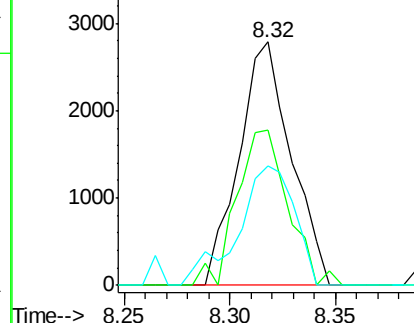
#13
 1,4-Dichlorobenzene
 Concen: 2.24 ng
 RT: 8.32 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BG028912.D
 Acq: 25 Sep 2017 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 4777
 Ion Ratio Lower Upper
 146 100
 148 69.2 52.2 78.2
 111 48.9 37.0 55.6

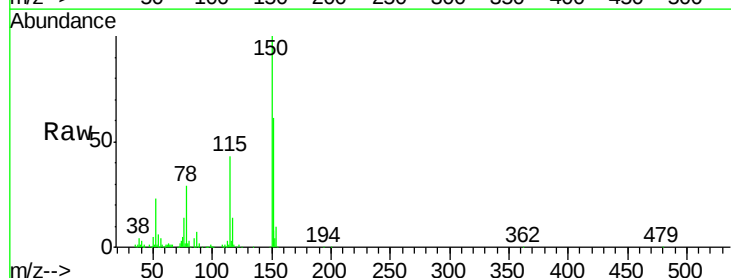


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

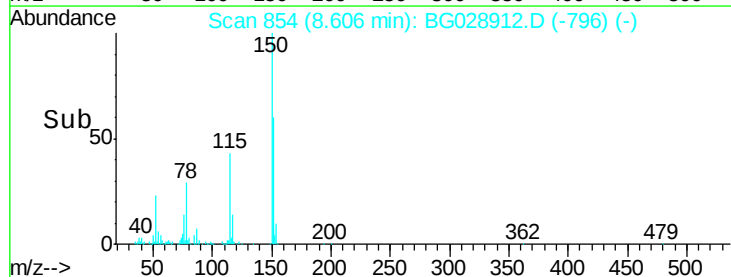
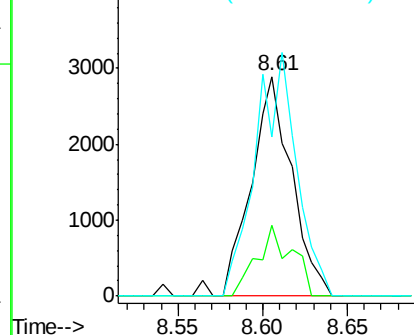


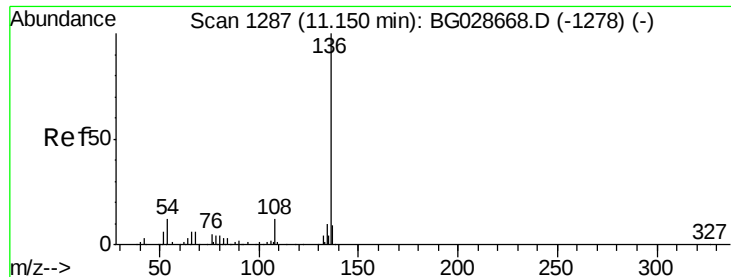
#15
 Benzyl Alcohol
 Concen: 2.38 ng
 RT: 8.61 min Scan# 854
 Delta R.T. 0.04 min
 Lab File: BG028912.D
 Acq: 25 Sep 2017 17:54

Tgt Ion: 79 Resp: 4844
 Ion Ratio Lower Upper
 79 100
 108 32.2 45.5 68.3#
 77 72.1 54.3 81.5



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

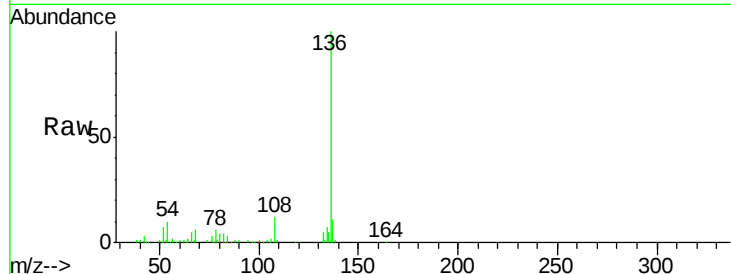




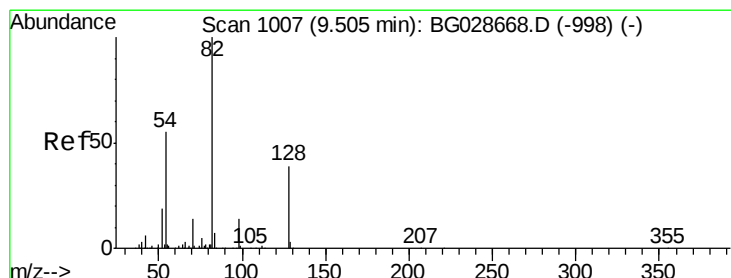
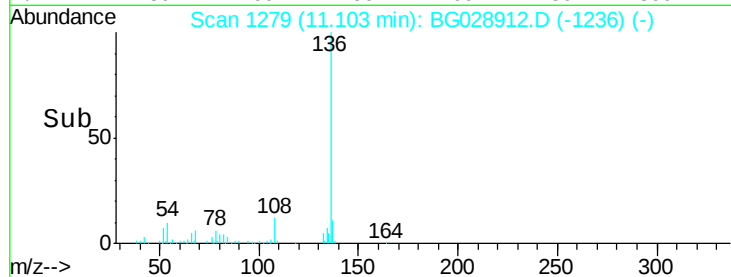
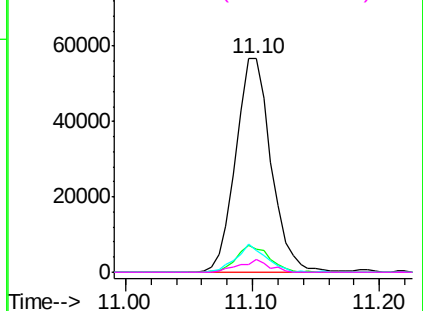
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	109875
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.5	9.3	13.9
68	6.1	5.1	7.7

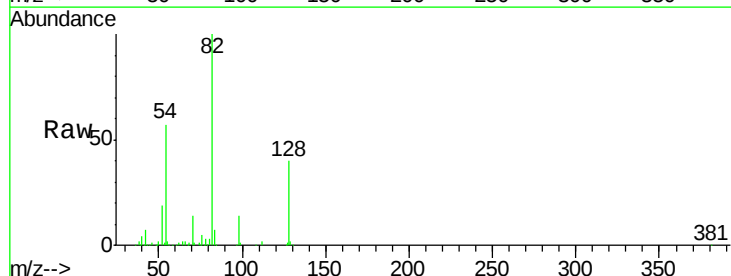


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

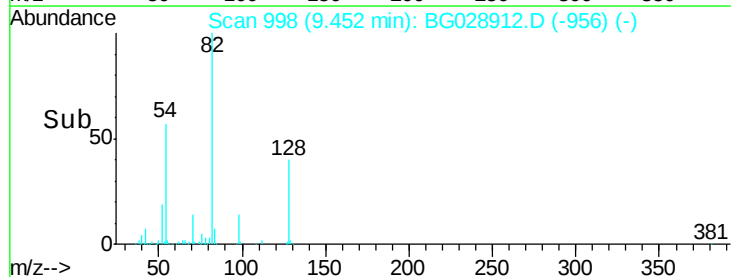
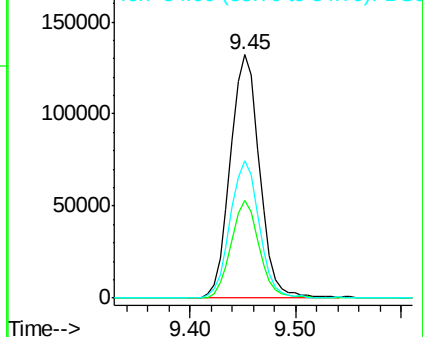


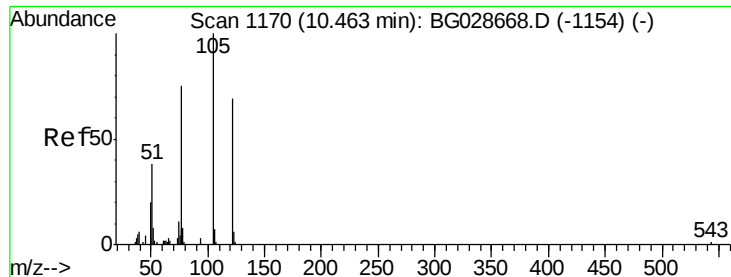
#23
Nitrobenzene-d5
Concen: 110.08 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion:	82	Resp:	252831
Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.4	39.6#
54	56.5	49.4	74.2



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





#32

Benzoic acid

Concen: 6.12 ng

RT: 10.64 min Scan# 1200

Delta R.T. 0.18 min

Lab File: BG028912.D

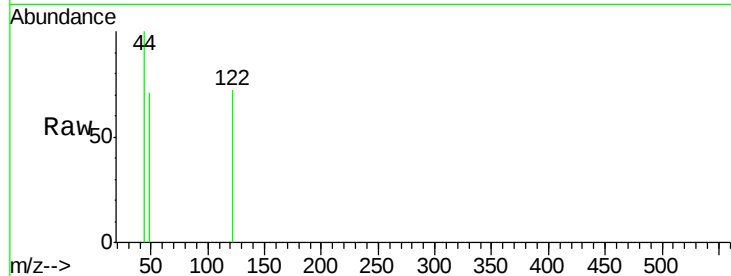
Acq: 25 Sep 2017 17:54

Instrument :

BNA_G

ClientSampleId :

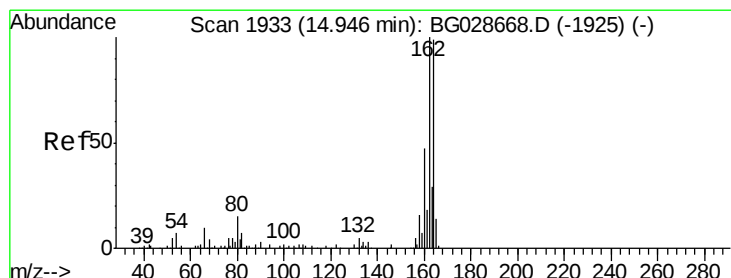
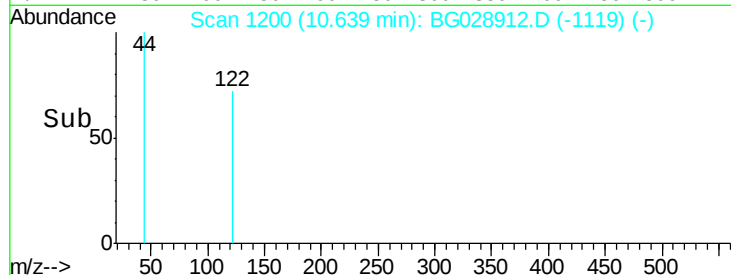
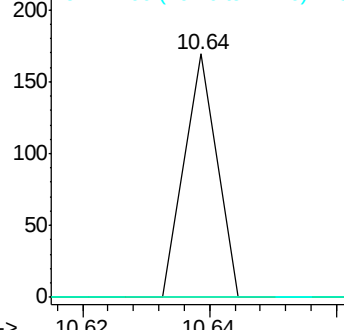
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.00 ng

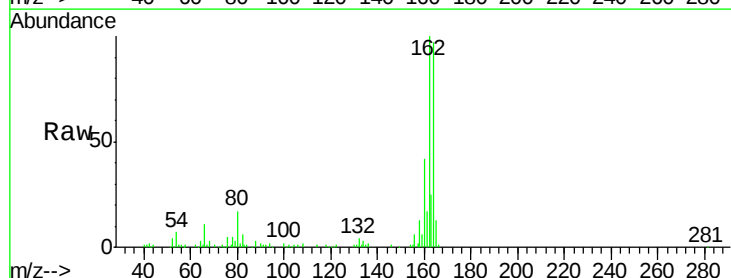
RT: 14.90 min Scan# 1925

Delta R.T. -0.05 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

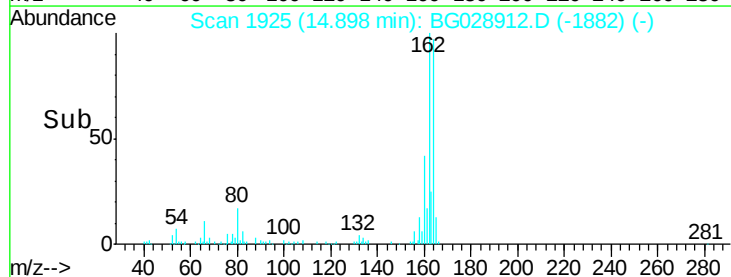
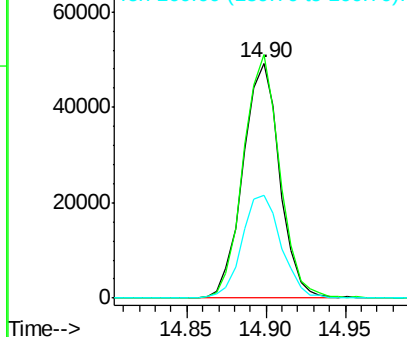
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	44.0	34.7	52.1

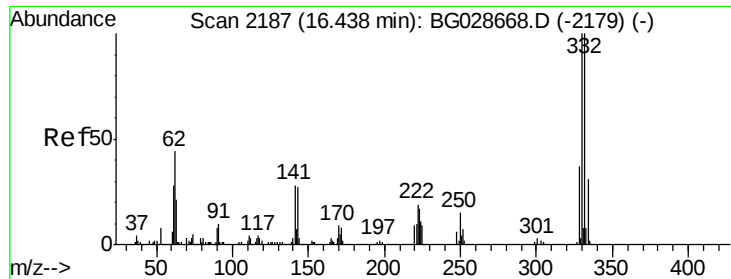


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

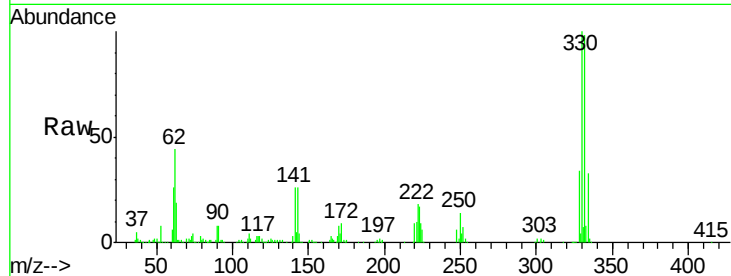




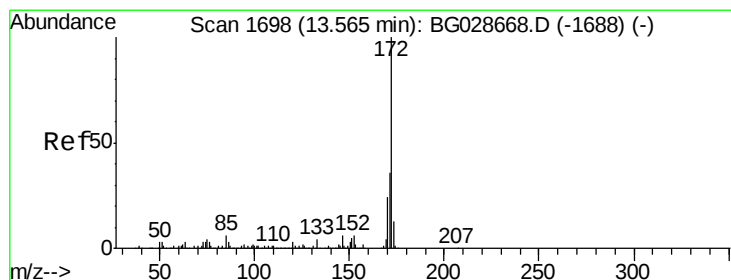
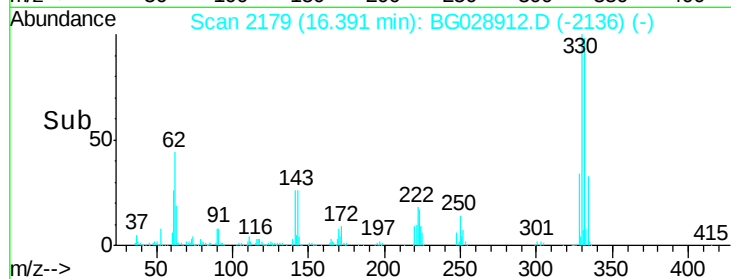
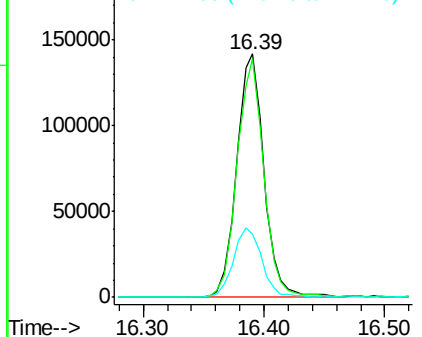
#41
 2,4,6-Tribromophenol
 Concen: 170.96 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028912.D
 Acq: 25 Sep 2017 17:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	29.9	32.1	48.1#

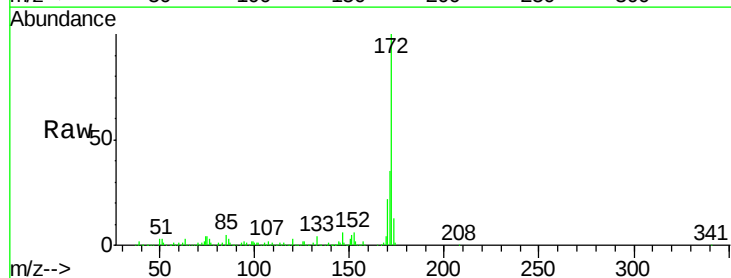


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

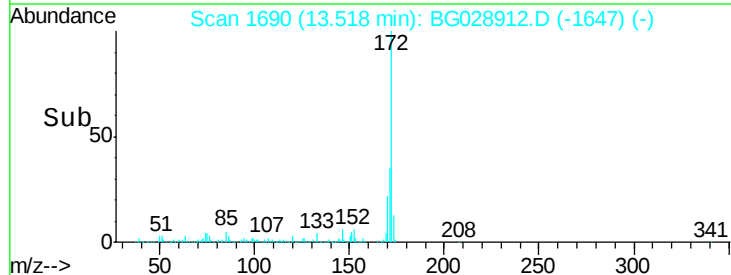
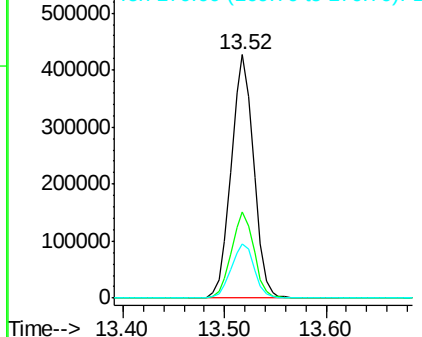


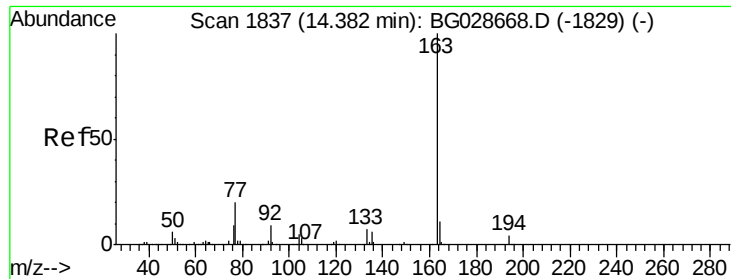
#44
 2-Fluorobiphenyl
 Concen: 110.88 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028912.D
 Acq: 25 Sep 2017 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	22.4	21.8	32.6



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: 3.34 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

Instrument :

BNA_G

ClientSampleId :

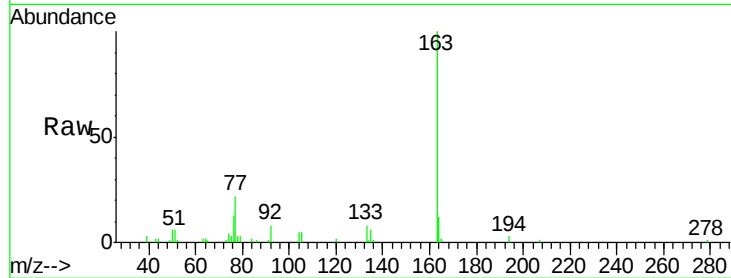
Tot Ion:163 Resp: 22128

Ion Ratio Lower Upper

163 100

194 3.0 3.8 5.6#

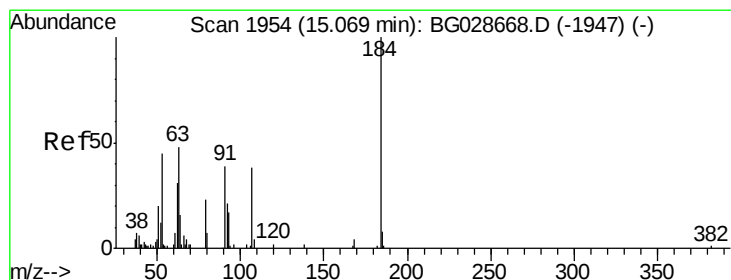
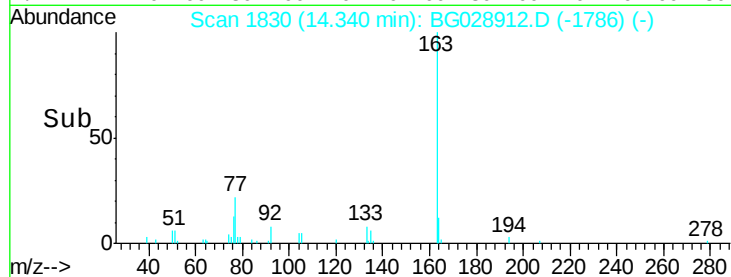
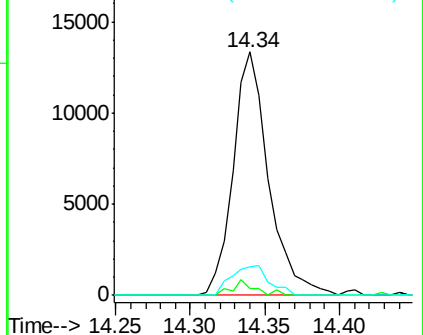
164 11.7 9.3 13.9



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



#53

2,4-Dinitrophenol

Concen: 8.06 ng

RT: 14.96 min Scan# 1936

Delta R.T. -0.11 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

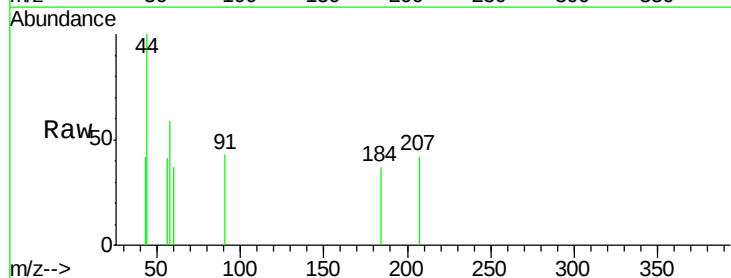
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

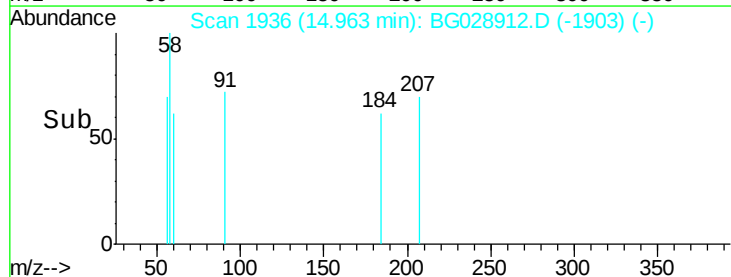
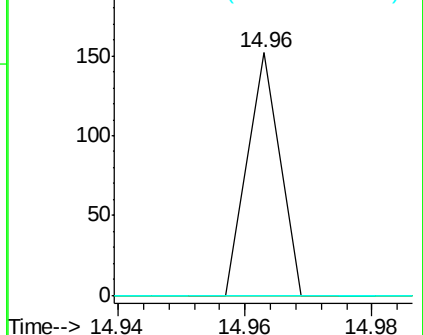
154 0.0 57.3 85.9#

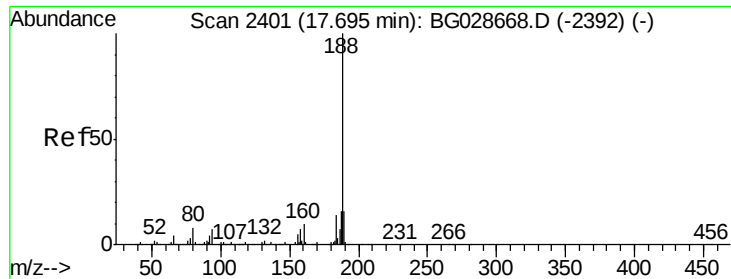


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

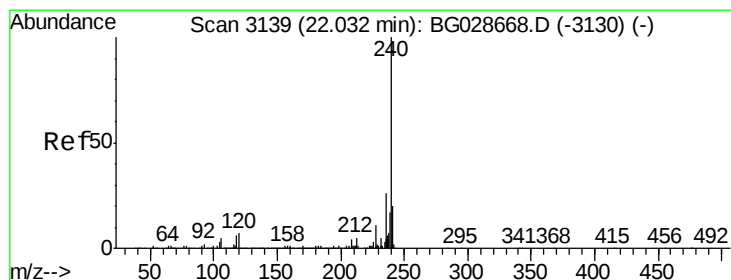
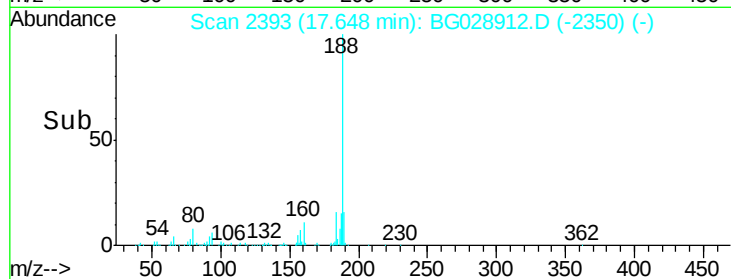
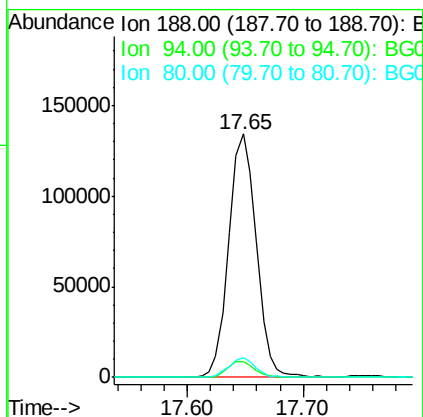
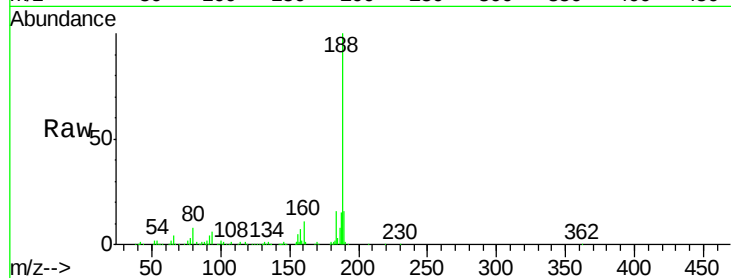




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

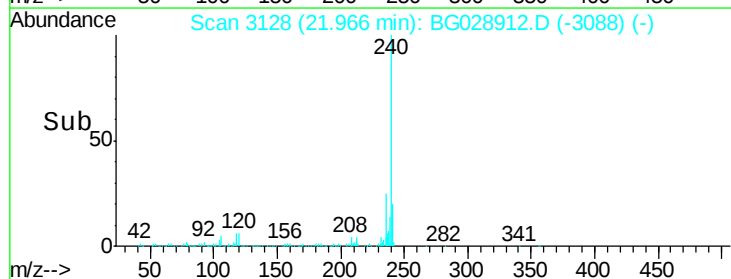
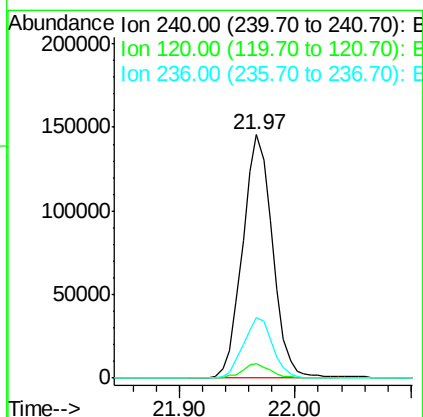
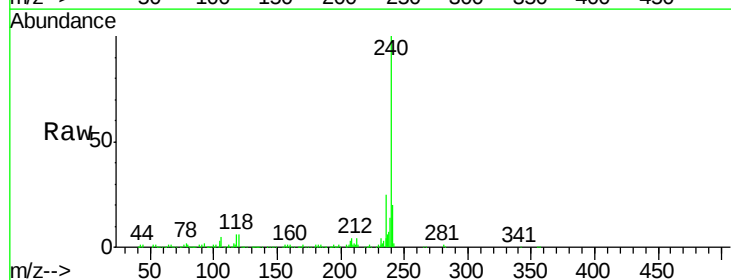
Instrument :
BNA_G
ClientSampleId :

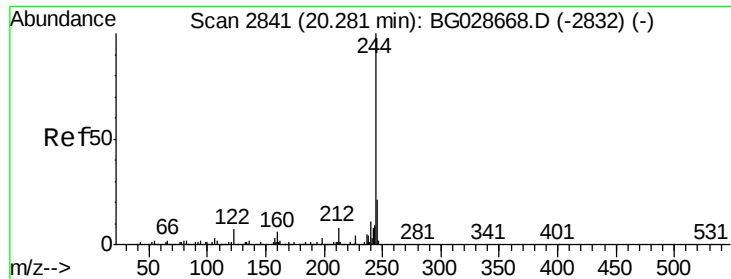
Tot Ion:188 Resp: 222163
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 8.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.07 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion:240 Resp: 262592
Ion Ratio Lower Upper
240 100
120 6.1 5.7 8.5
236 24.8 22.2 33.4





#78

Terphenyl-d14

Concen: 104.44 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

Instrument :

BNA_G

ClientSampleId :

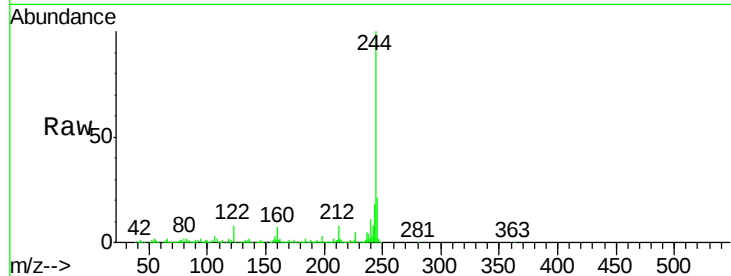
Tot Ion:244 Resp: 1285956

Ion Ratio Lower Upper

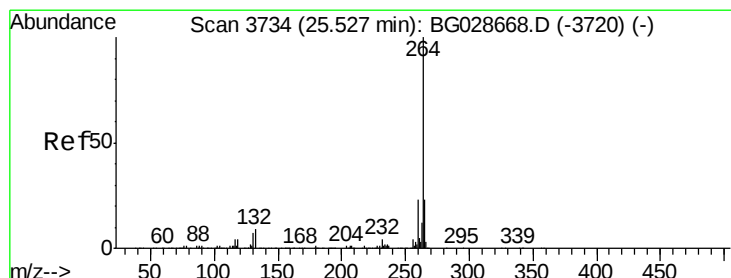
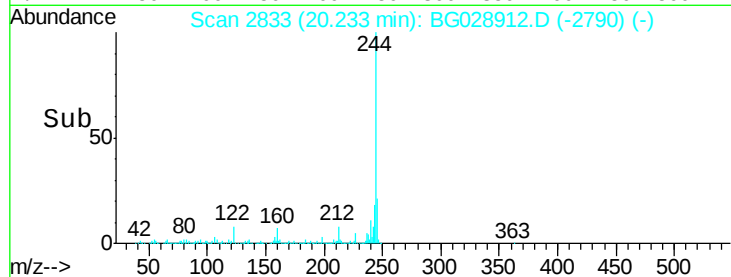
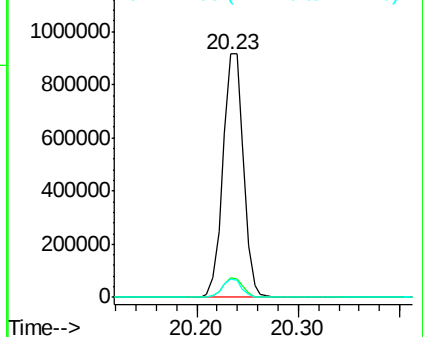
244 100

212 7.9 10.0 15.0#

122 7.6 8.6 12.8#



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: 20.00 ng

RT: 25.42 min Scan# 3716

Delta R.T. -0.11 min

Lab File: BG028912.D

Acq: 25 Sep 2017 17:54

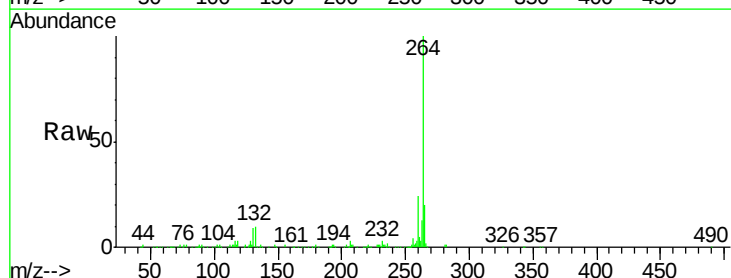
Tgt Ion:264 Resp: 266073

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 20.3 18.2 27.4



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

