

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028757.D
 Acq On : 15 Sep 2017 7:18
 Operator : SJ/JU
 Sample : I5189-01DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 11:31:15 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	8.33	152	28799	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	121796	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	101525	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	277096	20.00	ng	0.00
75) Chrysene-d12	22.02	240	311146	20.00	ng	-0.01
86) Perylene-d12	25.52	264	323298	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.90	112	18731	10.73	ng	0.00
7) Phenol-d6	7.49	99	15647	5.95	ng	0.00
23) Nitrobenzene-d5	9.50	82	47301	18.58	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	49642	29.56	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	136087	17.87	ng	0.00
78) Terphenyl-d14	20.27	244	272833	18.70	ng	0.00

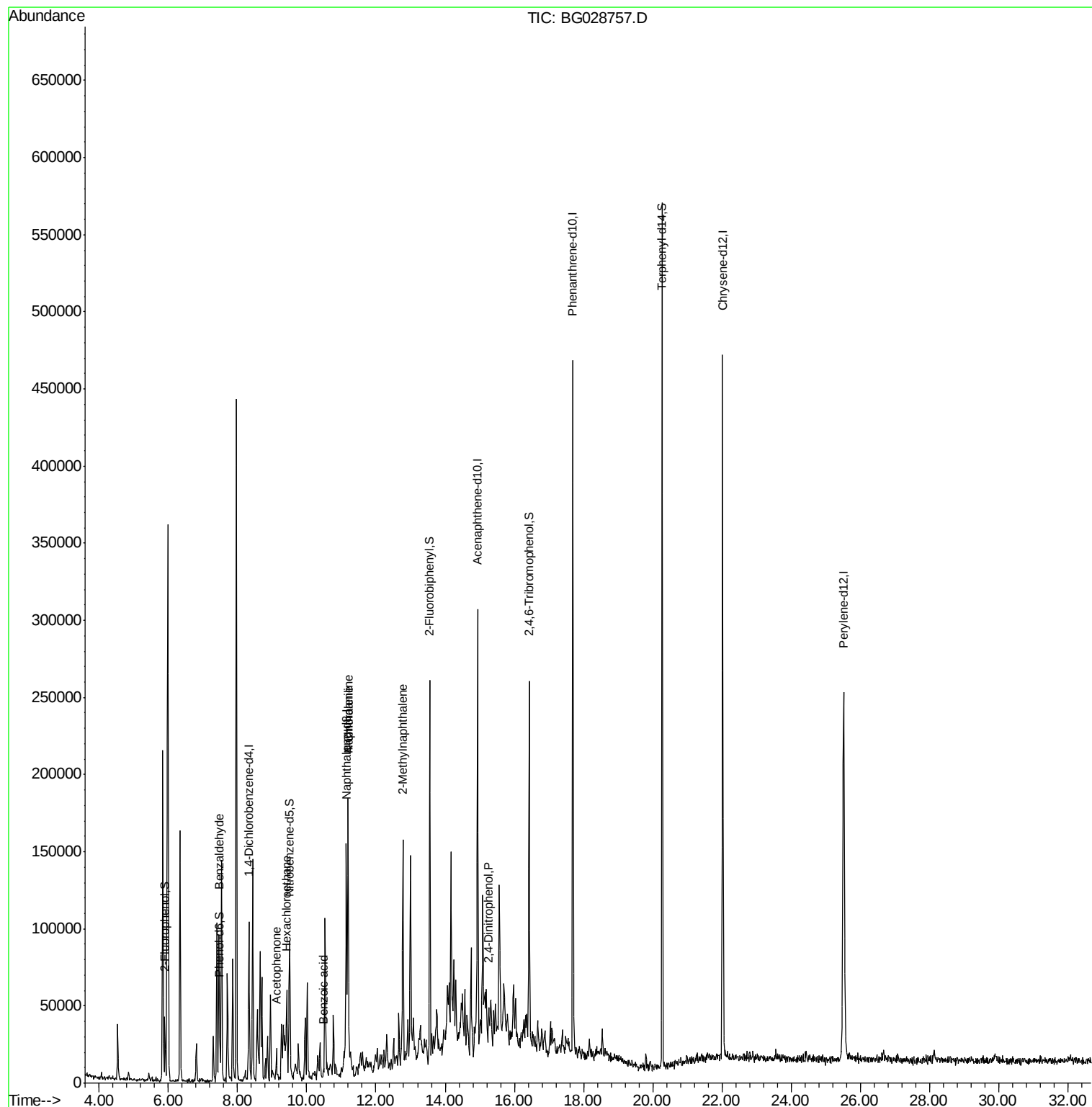
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.46	77	7640	4.686	ng	# 1
18) Hexachloroethane	9.43	117	6183	7.831	ng	# 1
22) Acetophenone	9.12	105	14463	4.061	ng	# 52
31) Naphthalene	11.20	128	145134	22.815	ng	# 98
32) Benzoic acid	10.48	122	54	6.116	ng	# 1
33) 4-Chloroaniline	11.20	127	19651	7.374	ng	# 34
37) 2-Methylnaphthalene	12.78	142	69151	14.560	ng	# 94
53) 2,4-Dinitrophenol	15.27	184	55	8.051	ng	# 1

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

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Quant Time: Sep 15 11:31:15 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



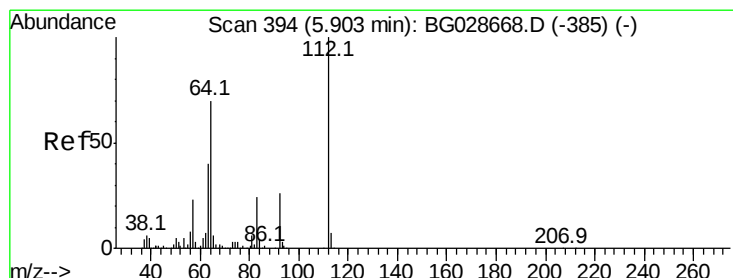
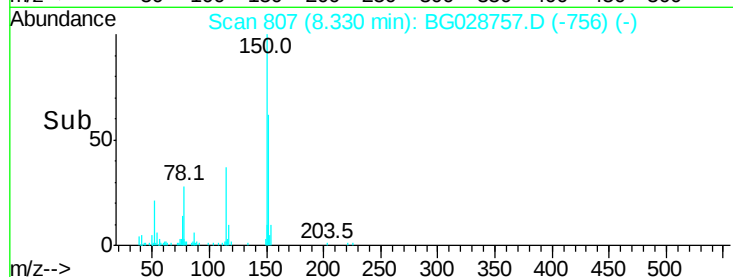
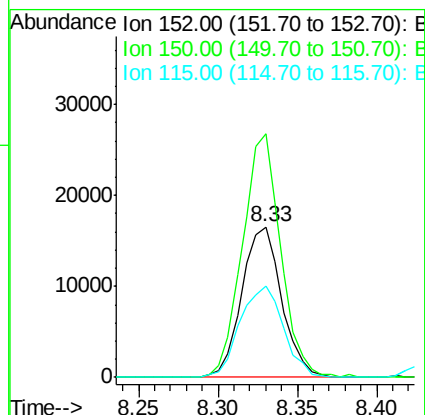
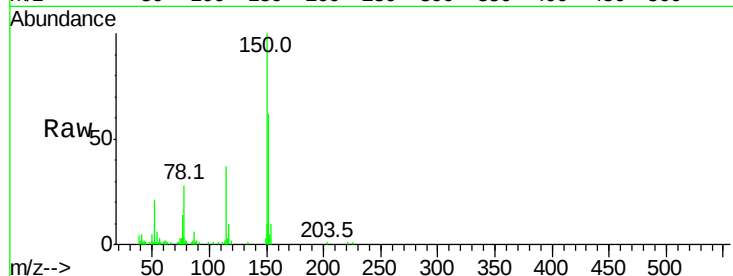


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Instrument :
BNA_G
ClientSampleId :

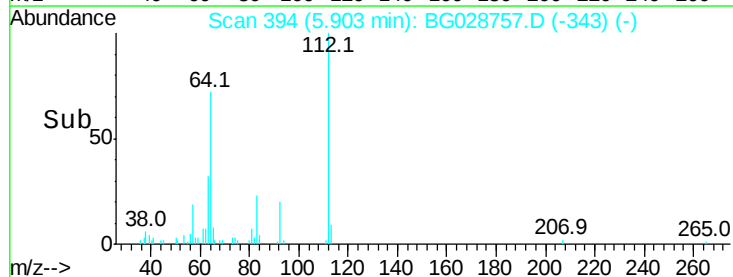
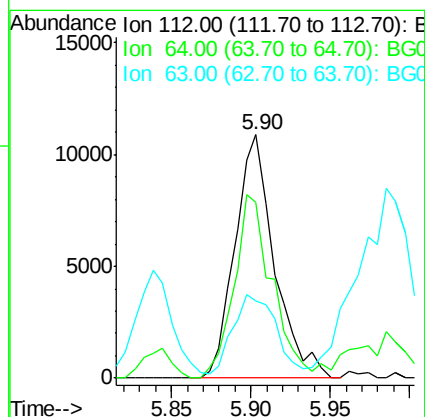
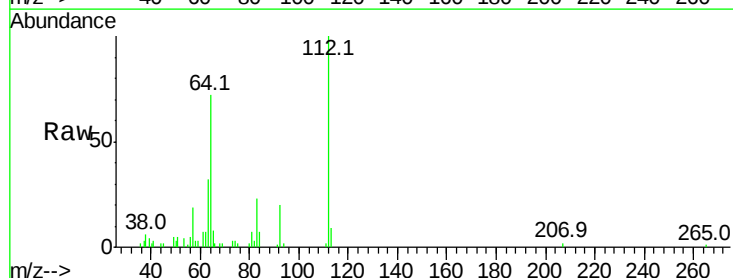
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	114.0	171.0
115	60.4	48.1	72.1

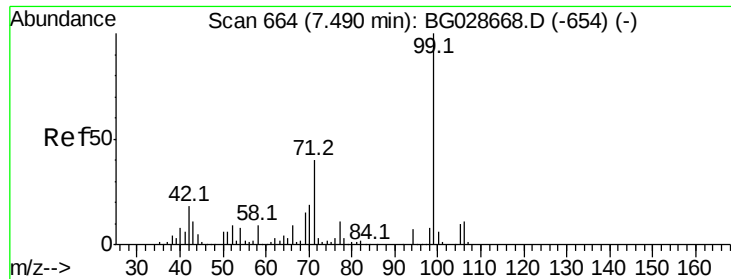


#5

2-Fluorophenol
Concen: 10.732 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	61.8	92.6
63	31.8	37.2	55.8#





#7

Phenol-d6

Concen: 5.954 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028757.D

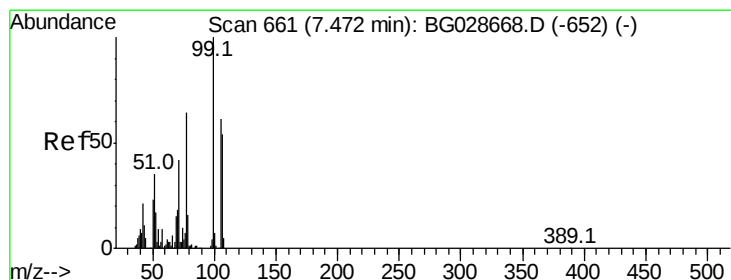
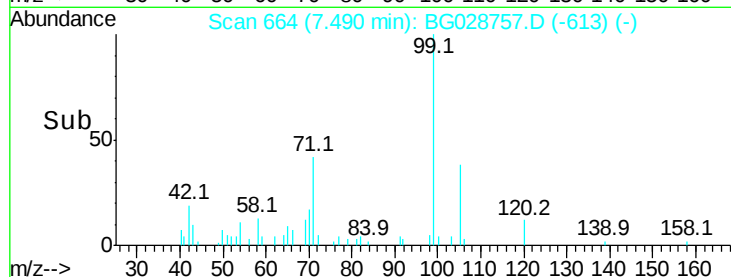
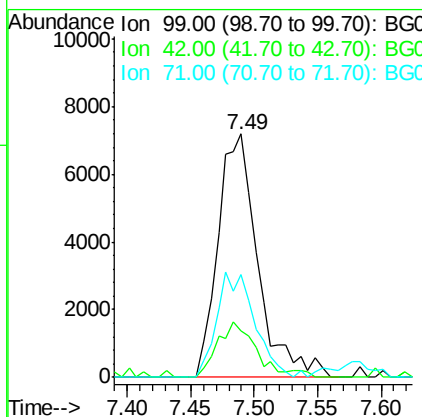
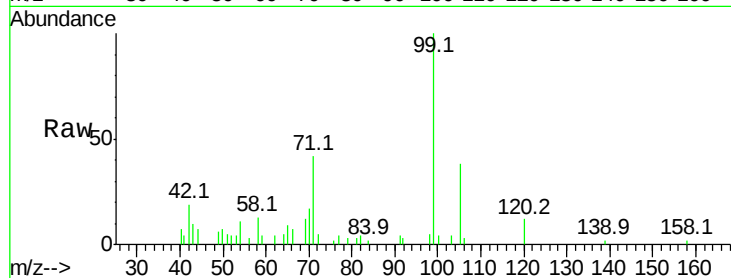
Acq: 15 Sep 2017 7:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	99	Resp:	15647
Ion	Ratio	Lower	Upper
99	100		
42	18.9	20.5	30.7#
71	42.4	37.6	56.4



#9

Benzaldehyde

Concen: 4.686 ng

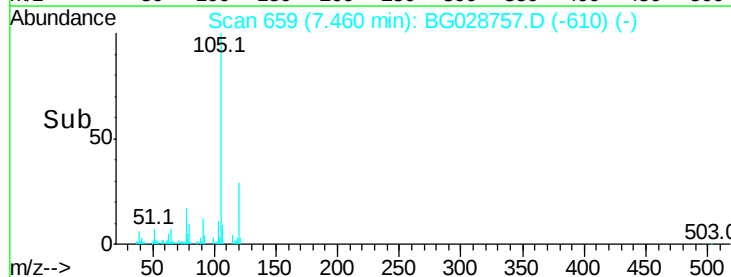
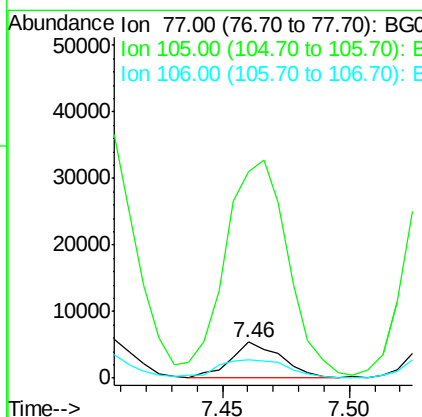
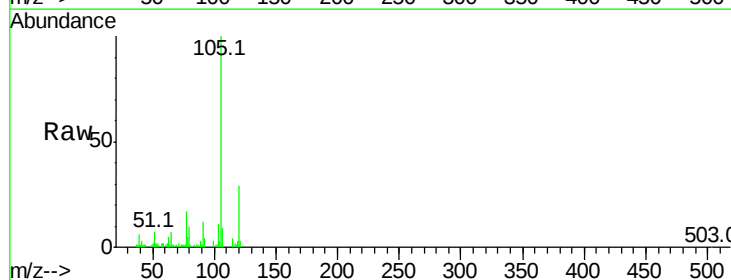
RT: 7.46 min Scan# 659

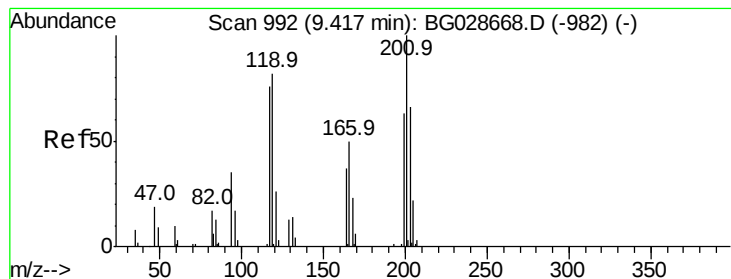
Delta R.T. -0.01 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

Tgt Ion:	77	Resp:	7640
Ion	Ratio	Lower	Upper
77	100		
105	576.2	60.9	100.9#
106	49.5	55.1	95.1#





#18

Hexachloroethane

Concen: 7.831 ng

RT: 9.43 min Scan# 995

Delta R.T. 0.02 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

Instrument :

BNA_G

ClientSampleId :

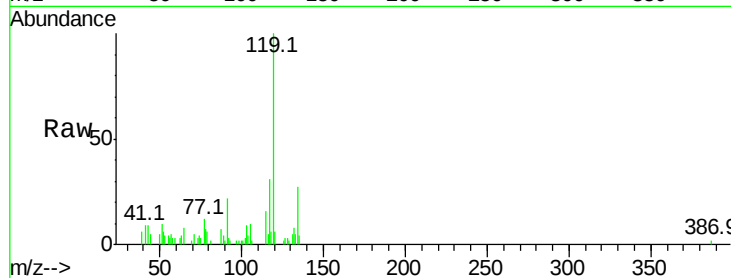
Tot Ion:117 Resp: 6183

Ion Ratio Lower Upper

117 100

119 322.8 69.8 104.6#

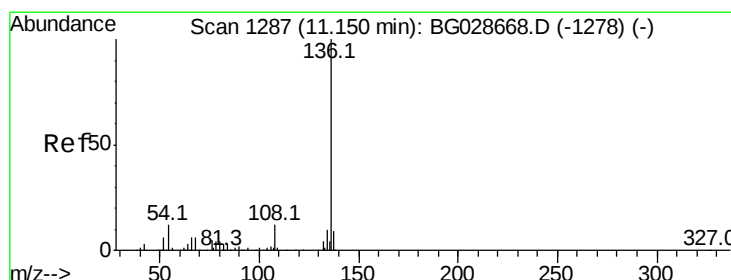
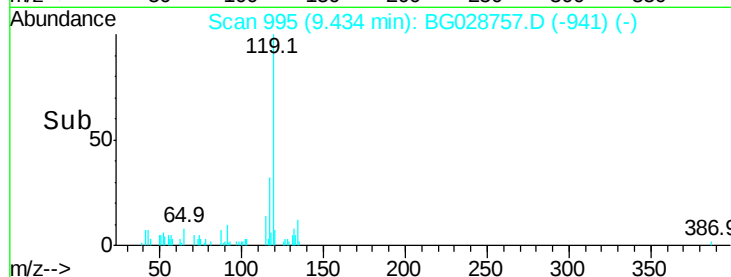
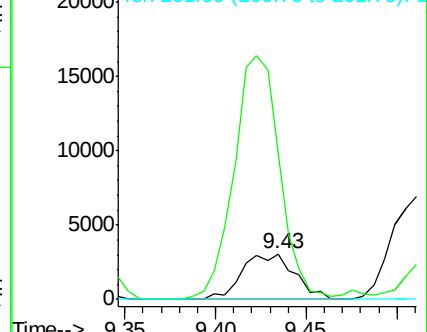
201 0.0 95.4 143.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.14 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG028757.D

Acq: 15 Sep 2017 7:18

Tgt Ion:136 Resp: 121796

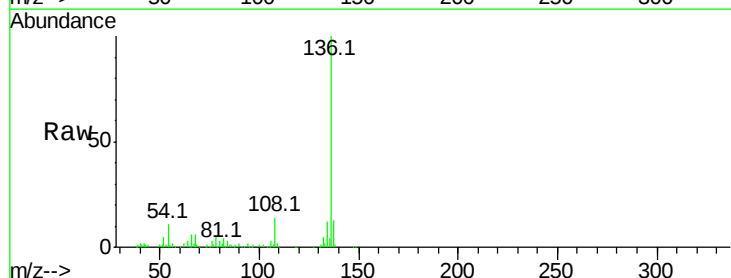
Ion Ratio Lower Upper

136 100

137 13.1 8.9 13.3

54 11.0 9.3 13.9

68 5.6 5.1 7.7

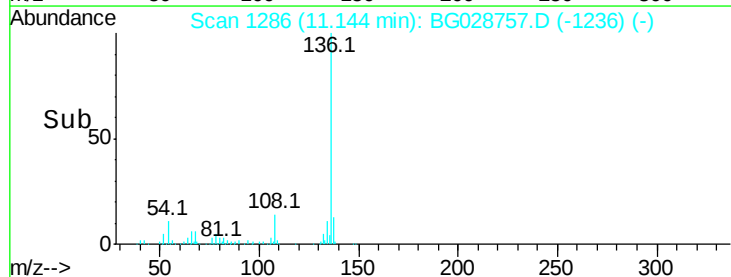
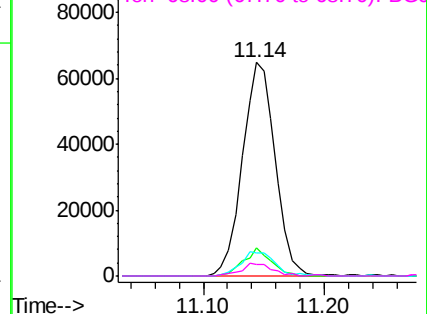


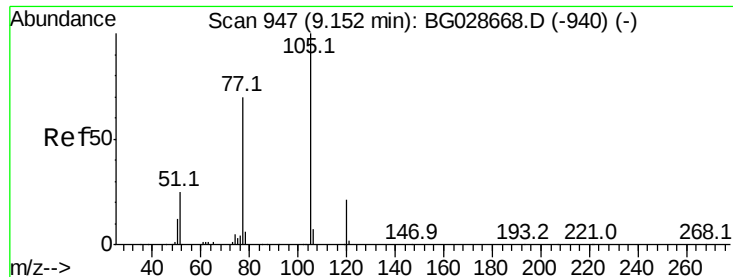
Abundance Ion 136.00 (135.70 to 136.70): E

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

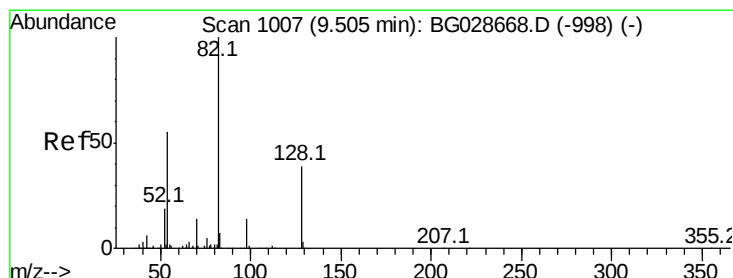
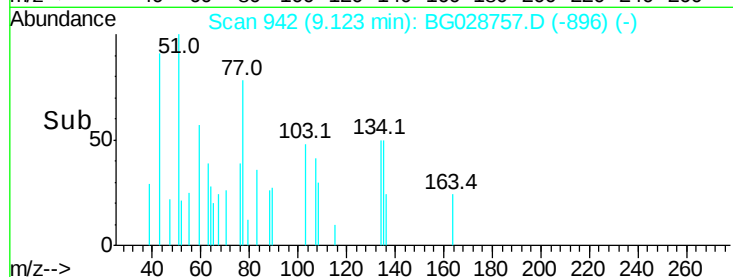
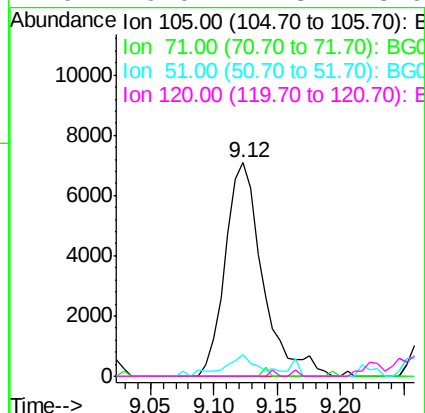
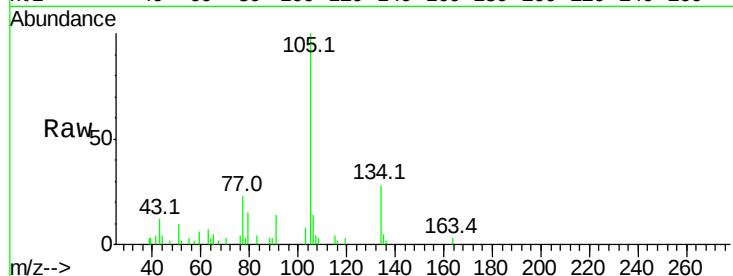




#22
Acetophenone
Concen: 4.061 ng
RT: 9.12 min Scan# 942
Delta R.T. -0.03 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

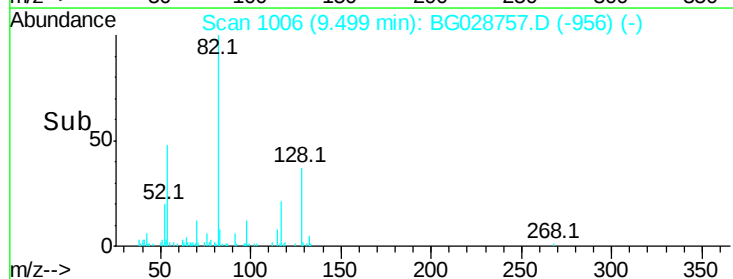
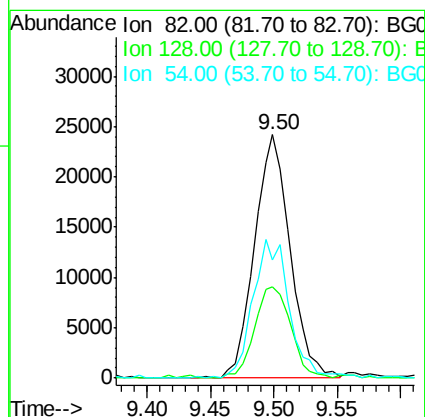
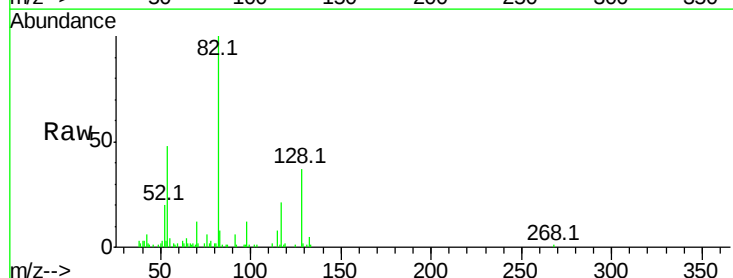
Instrument :
BNA_G
ClientSampleId :

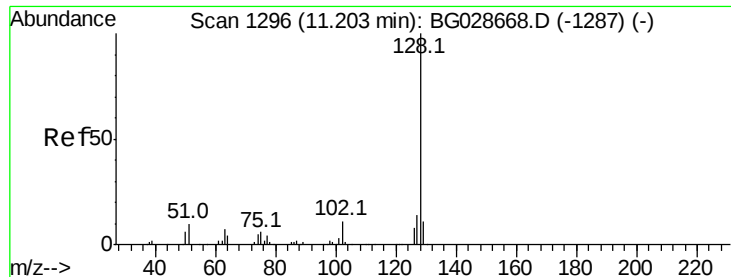
Tot Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	10.3	34.0	51.0#
120	0.0	17.3	25.9#



#23
Nitrobenzene-d5
Concen: 18.578 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.4	39.6
54	48.4	49.4	74.2#

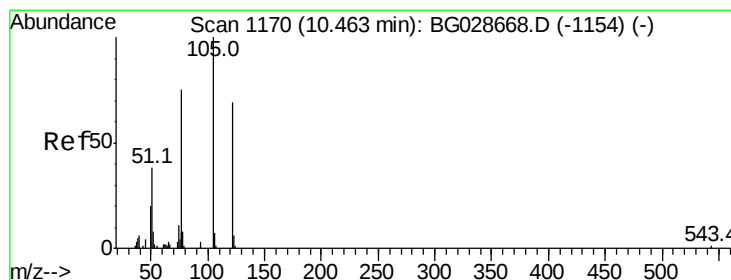
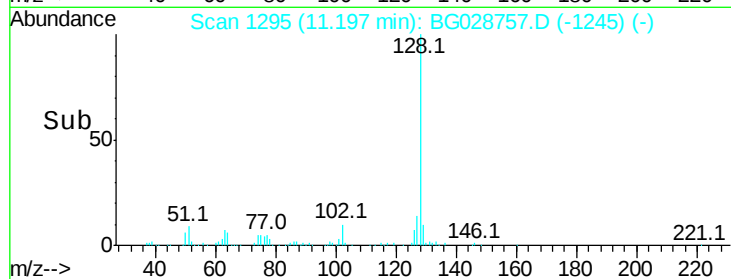
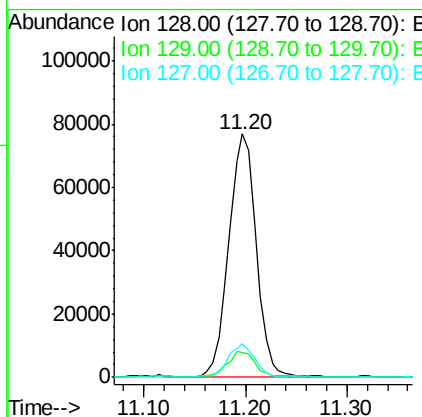
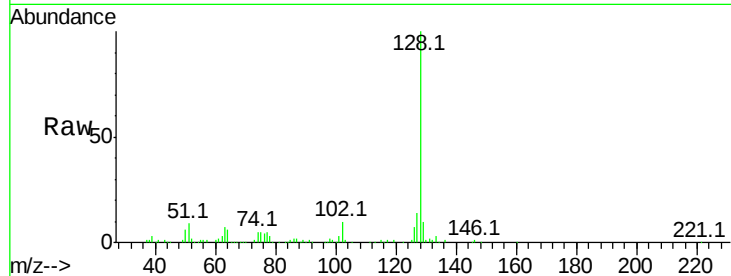




#31
Naphthalene
Concen: 22.815 ng
RT: 11.20 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

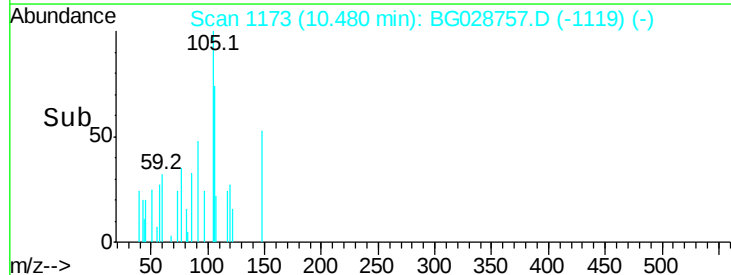
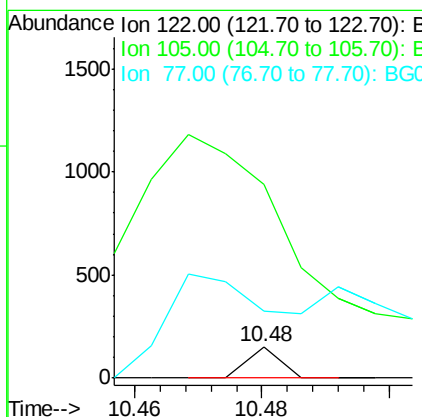
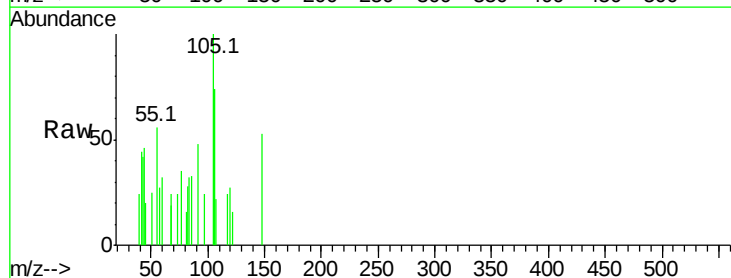
Instrument :
BNA_G
ClientSampleId :

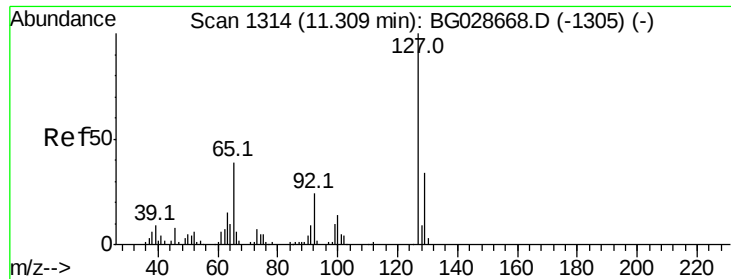
Tot Ion:128 Resp: 145134
Ion Ratio Lower Upper
128 100
129 10.4 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 6.116 ng
RT: 10.48 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 613.1 120.1 160.1#
77 211.8 104.6 144.6#

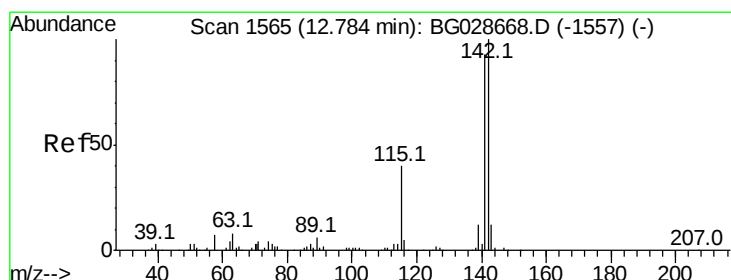
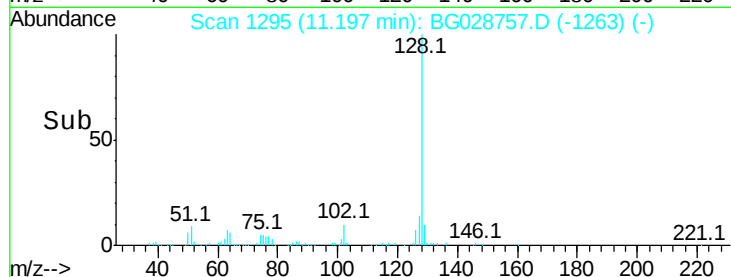
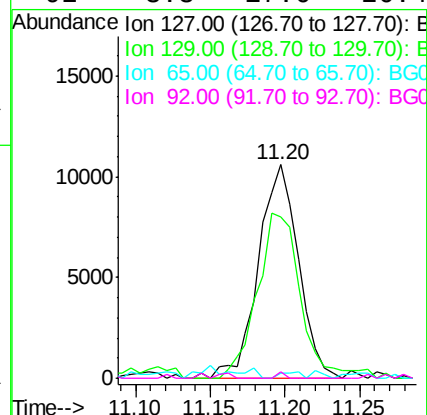
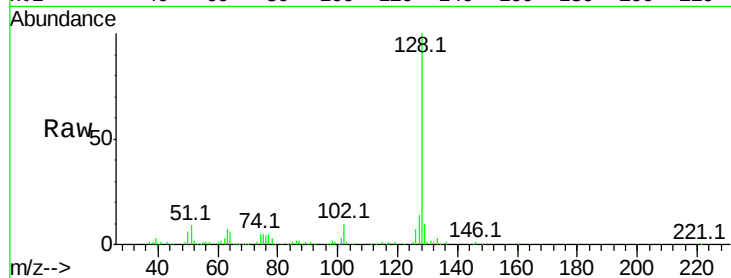




#33
4-Chloroaniline
Concen: 7.374 ng
RT: 11.20 min Scan# 1295
Delta R.T. -0.11 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

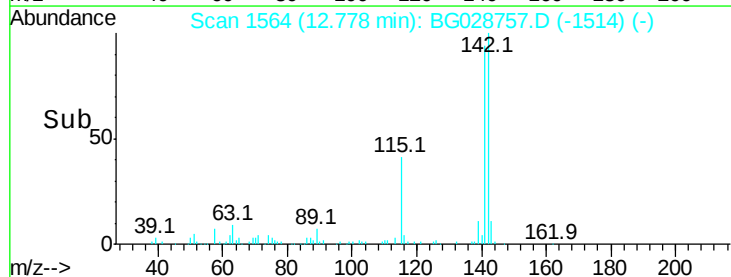
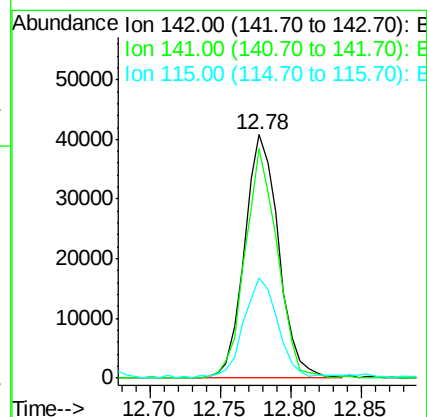
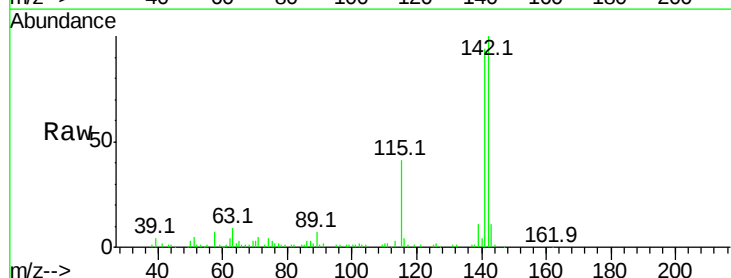
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BNA_G
ClientSampleId :

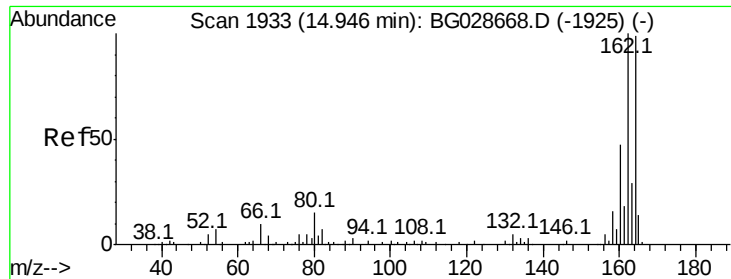
Tot Ion:	127	Resp:	19651
Ion	Ratio	Lower	Upper
127	100		
129	75.4	23.6	35.4#
65	2.3	37.7	56.5#
92	3.3	17.6	26.4#



#37
2-Methylnaphthalene
Concen: 14.560 ng
RT: 12.78 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion:	142	Resp:	69151
Ion	Ratio	Lower	Upper
142	100		
141	94.1	70.4	105.6
115	41.0	35.5	53.3

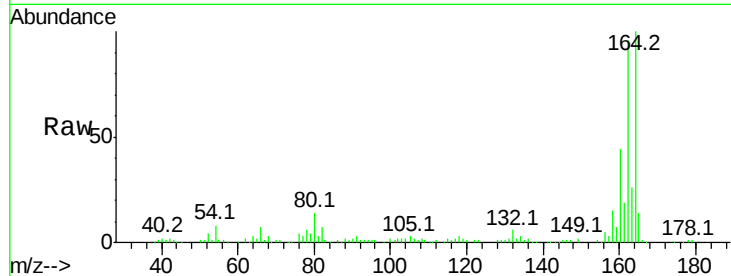




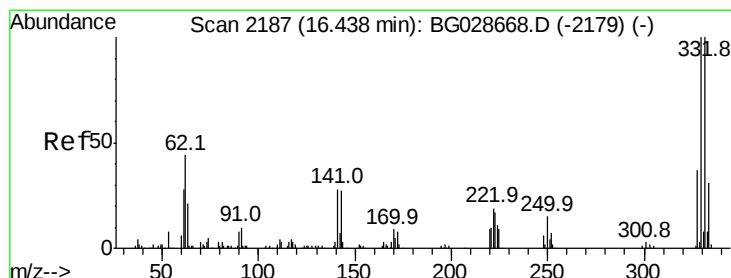
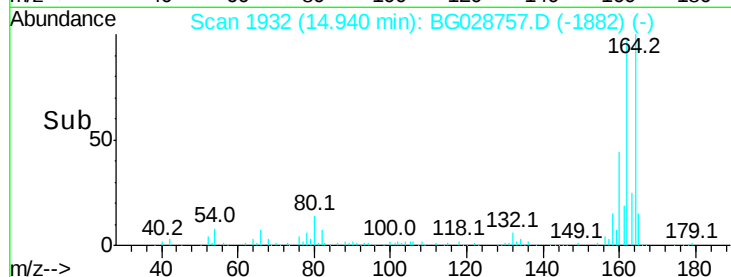
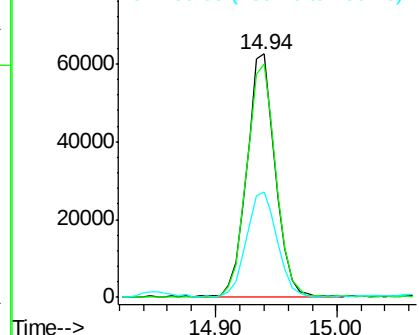
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 101525
Ion Ratio Lower Upper
164 100
162 96.1 85.1 127.7
160 43.5 34.7 52.1

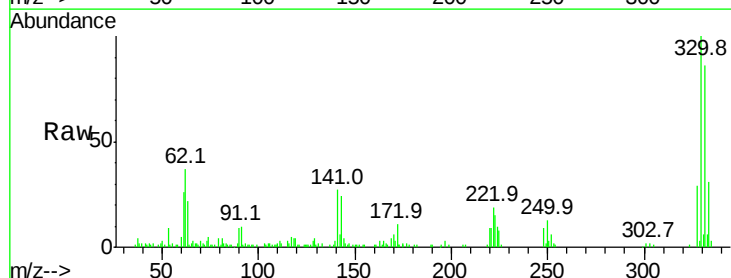


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

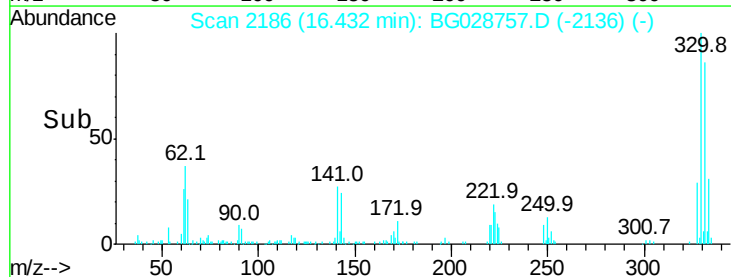
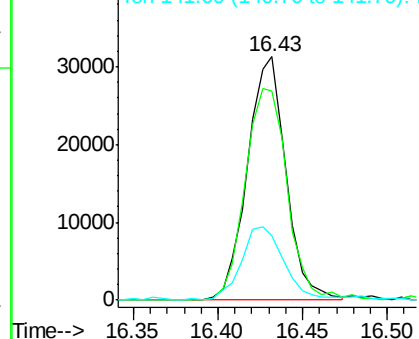


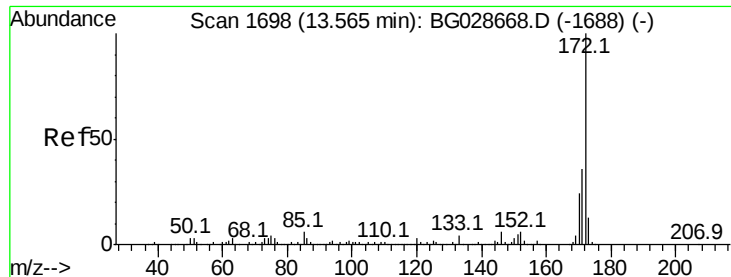
#41
2,4,6-Tribromophenol
Concen: 29.564 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion:330 Resp: 49642
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 33.7 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

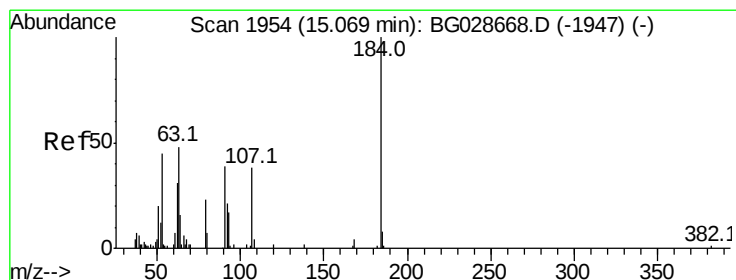
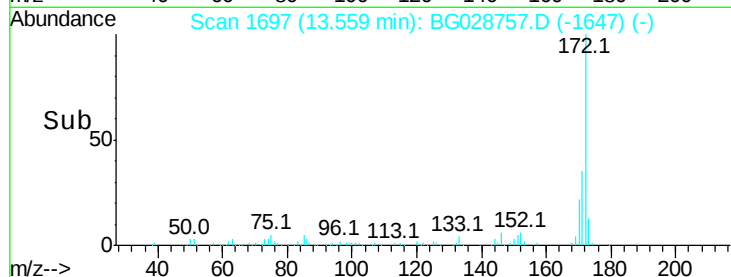
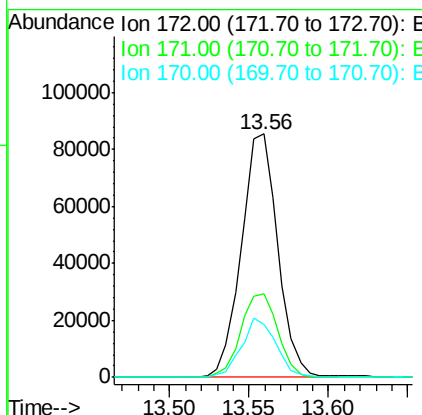
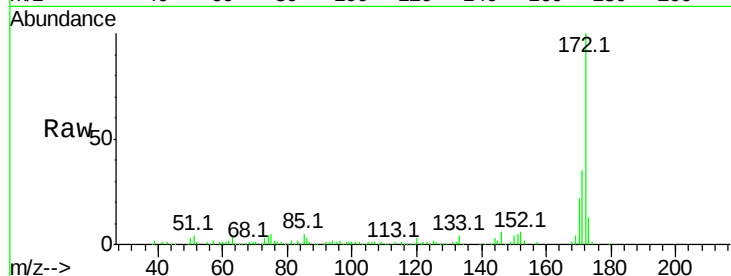




#44
2-Fluorobiphenyl
Concen: 17.874 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

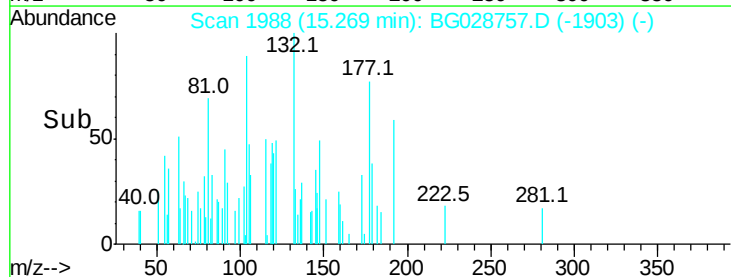
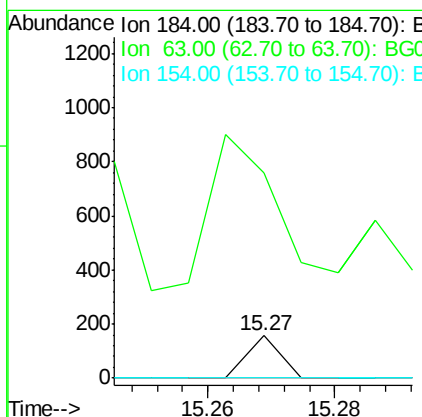
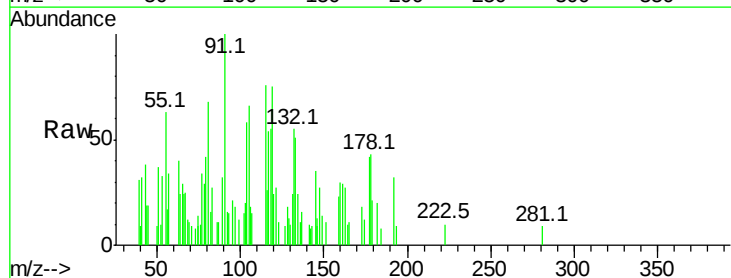
Instrument :
BNA_G
ClientSampleId :

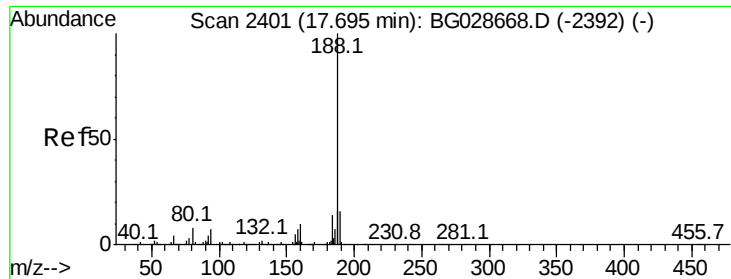
Tot Ion:172 Resp: 136087
Ion Ratio Lower Upper
172 100
171 34.6 32.2 48.2
170 21.9 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 8.051 ng
RT: 15.27 min Scan# 1988
Delta R.T. 0.20 min
Lab File: BG028757.D
Acq: 15 Sep 2017 7:18

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 482.2 52.7 79.1#
154 0.0 57.3 85.9#

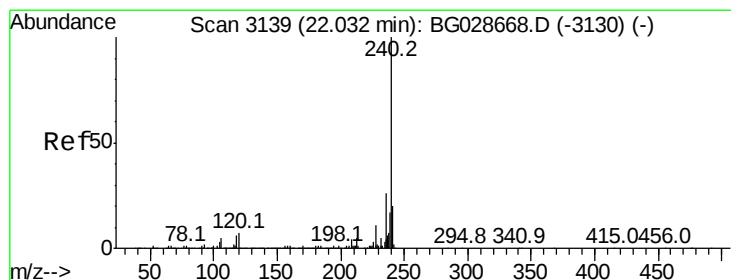
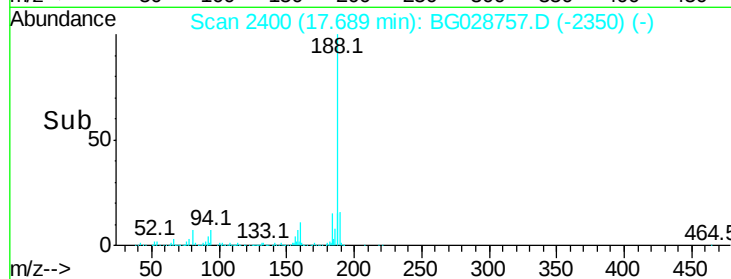
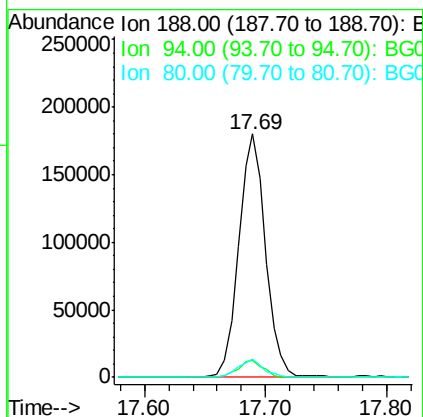
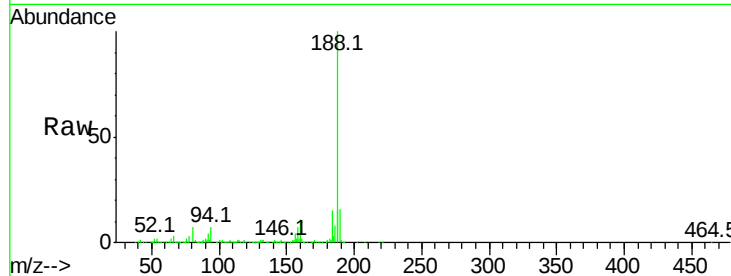




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.69 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BG028757.D
 Acq: 15 Sep 2017 7:18

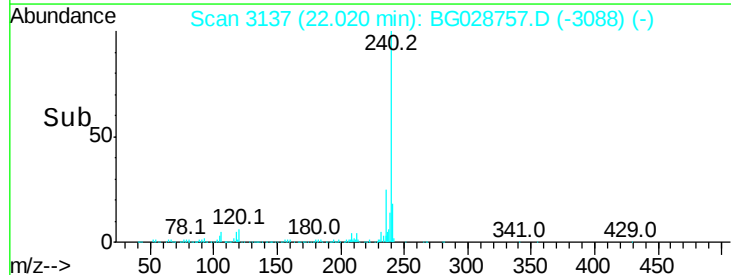
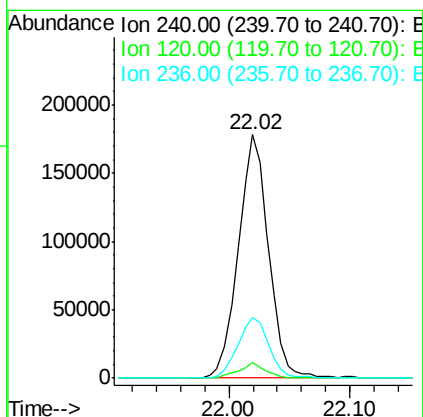
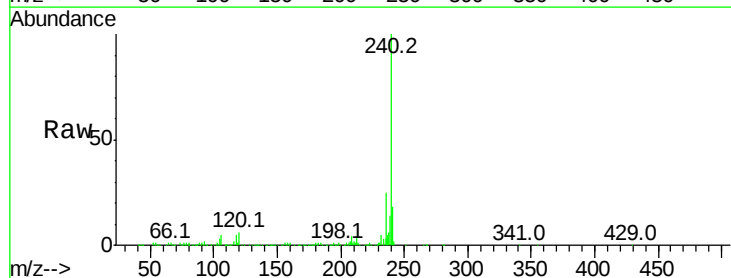
Instrument :
 BNA_G
 ClientSampleId :

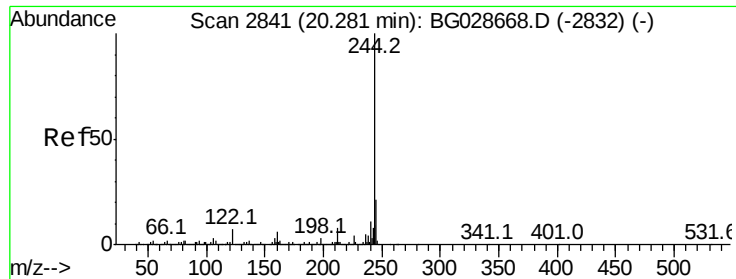
Tot Ion:188 Resp: 277096
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.8 8.8
 80 7.4 7.5 11.3#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.02 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG028757.D
 Acq: 15 Sep 2017 7:18

Tgt Ion:240 Resp: 311146
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.7 8.5
 236 25.1 22.2 33.4

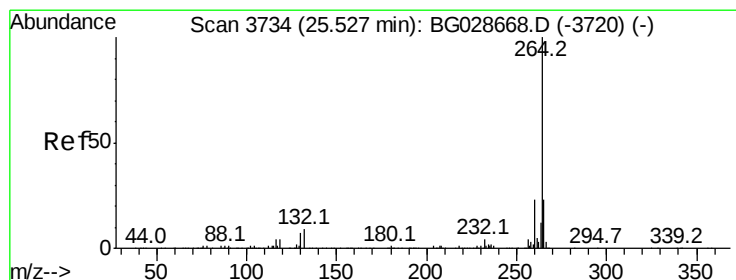
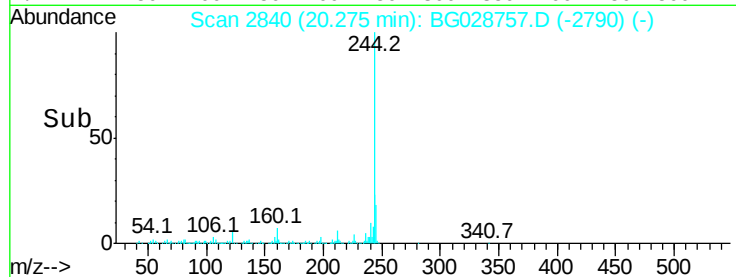
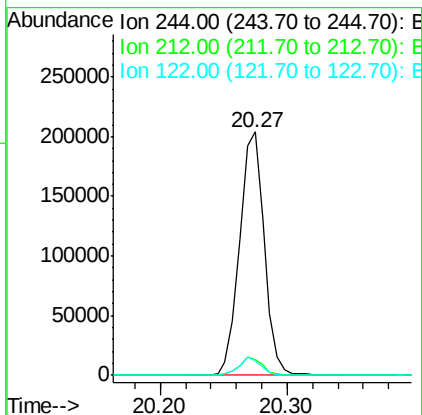
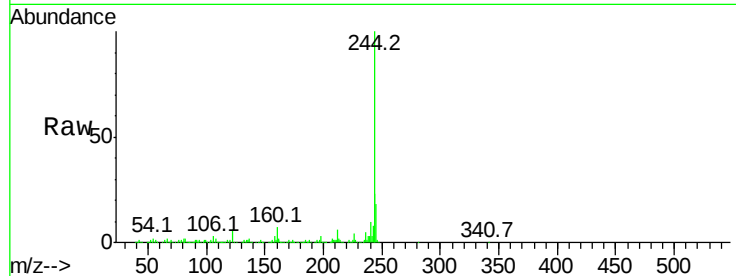




#78
 Terphenyl-d14
 Concen: 18.700 ng
 RT: 20.27 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BG028757.D
 Acq: 15 Sep 2017 7:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	10.0	15.0#
122	5.7	8.6	12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.01 min
 Lab File: BG028757.D
 Acq: 15 Sep 2017 7:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	21.0	18.2	27.4

