

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028911.D
 Acq On : 25 Sep 2017 17:14
 Operator : SJ/JU
 Sample : I5321-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 01:24:53 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

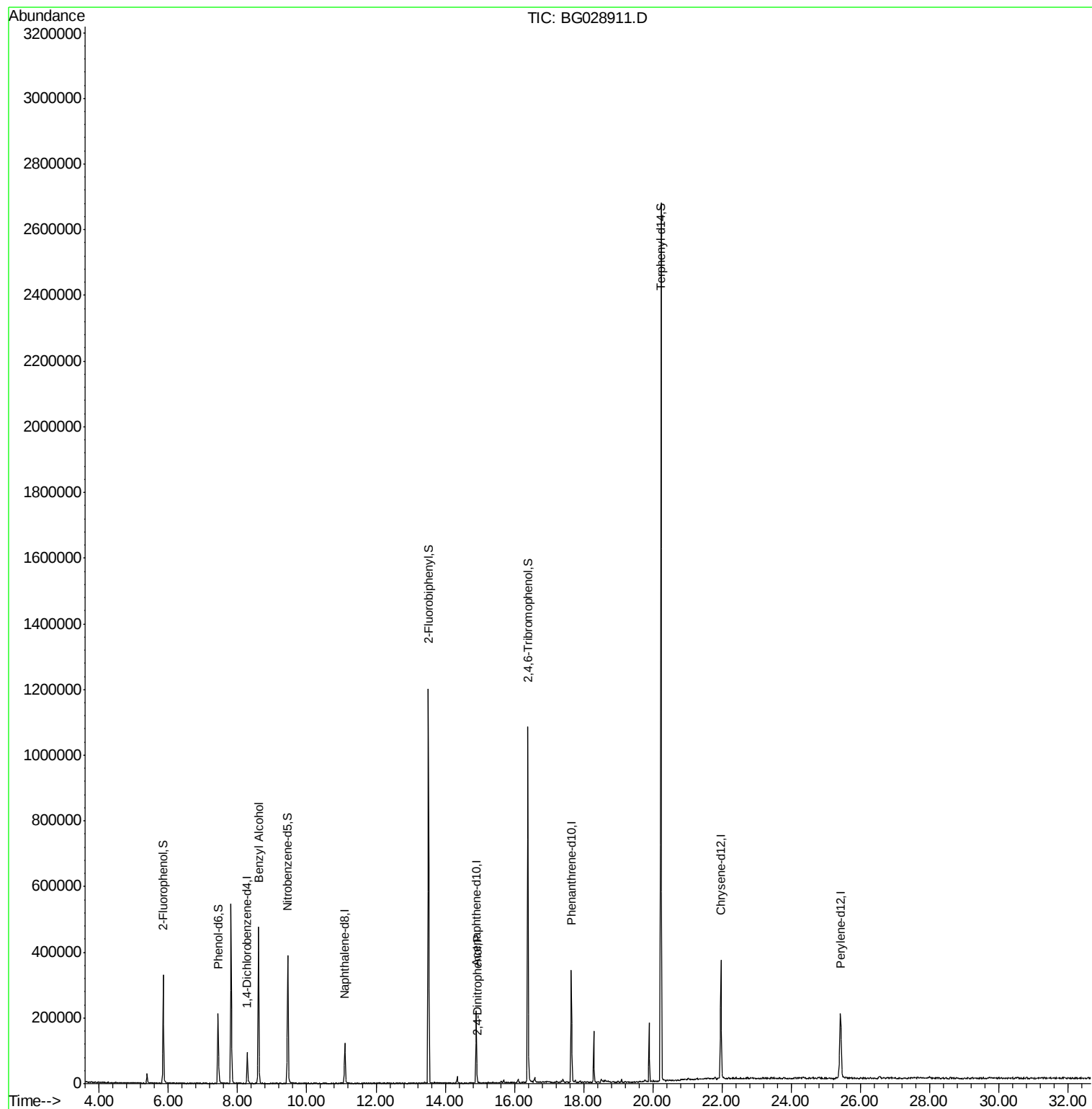
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	29096	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	108069	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	79719	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	223081	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	264286	20.00	ng	-0.07
86) Perylene-d12	25.43	264	265995	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	143138	81.17	ng	-0.05
7) Phenol-d6	7.44	99	128875	48.54	ng	-0.05
23) Nitrobenzene-d5	9.45	82	256816	113.68	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	245206	185.97	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	648533	108.48	ng	-0.05
78) Terphenyl-d14	20.24	244	1326358	107.03	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	8.61	79	4544	2.19	ng	# 60
53) 2,4-Dinitrophenol	14.93	184	54	8.06	ng	# 15

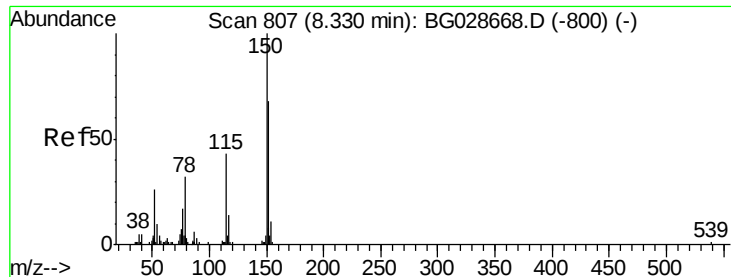
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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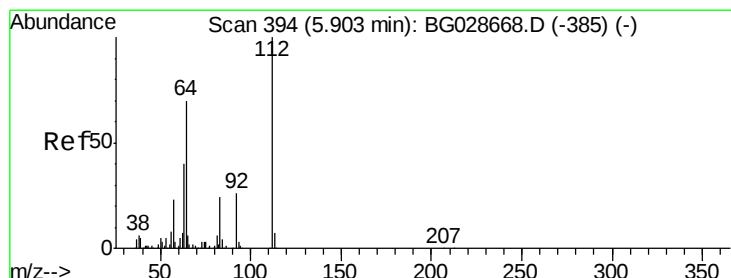
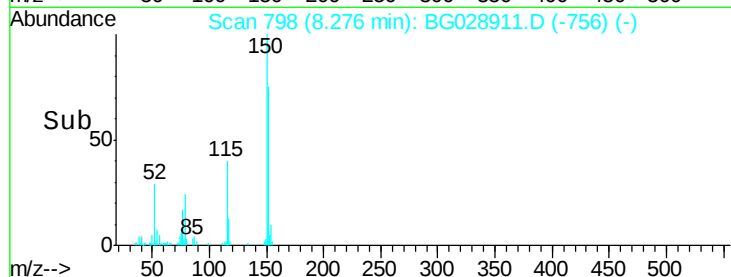
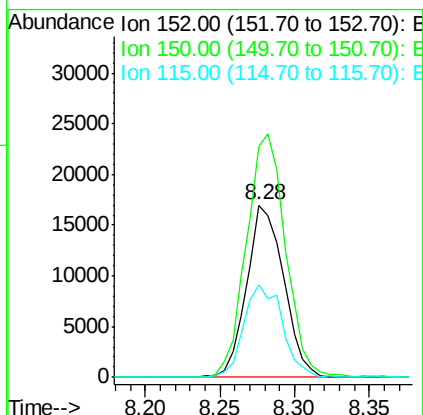
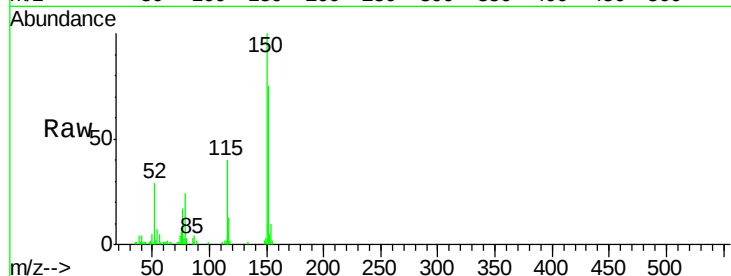


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

Instrument :
BNA_G
ClientSampleId :

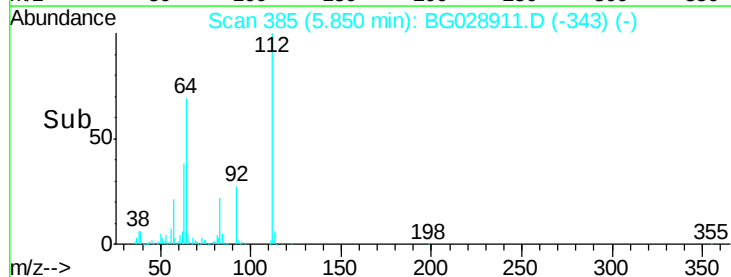
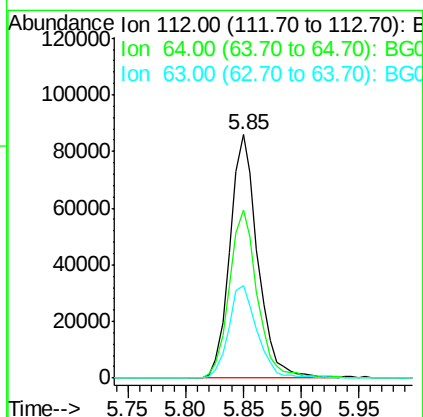
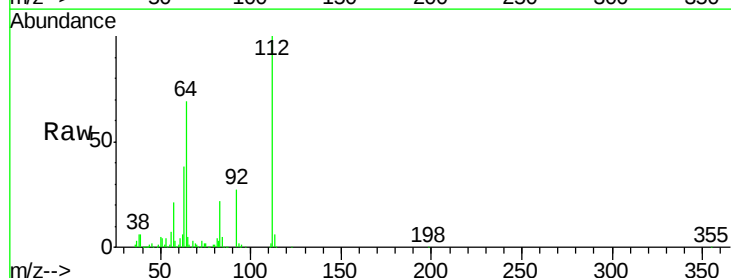
Tot Ion:152 Resp: 29096
Ion Ratio Lower Upper
152 100
150 133.6 114.0 171.0
115 54.0 48.1 72.1

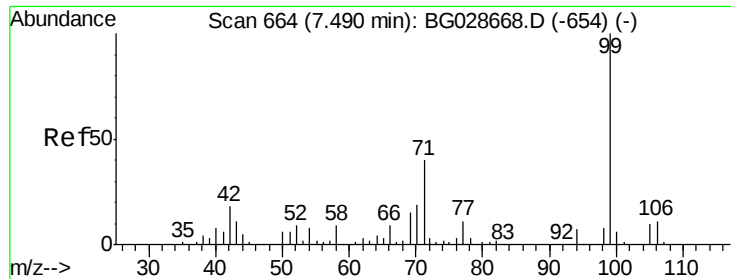


#5

2-Fluorophenol
Concen: 81.17 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

Tgt Ion:112 Resp: 143138
Ion Ratio Lower Upper
112 100
64 68.9 61.8 92.6
63 37.8 37.2 55.8





#7

Phenol-d6

Concen: 48.54 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028911.D

Acq: 25 Sep 2017 17:14

Instrument :

BNA_G

ClientSampleId :

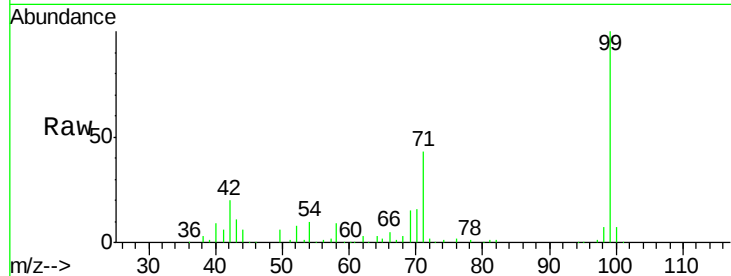
Tot Ion: 99 Resp: 128875

Ion Ratio Lower Upper

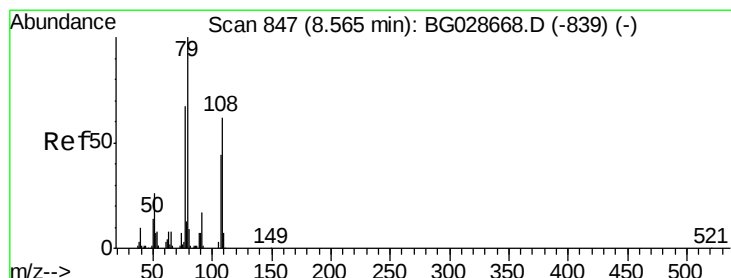
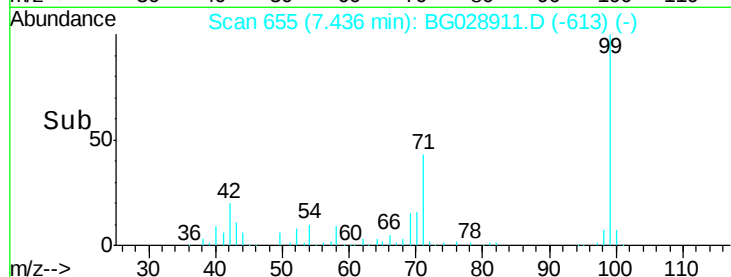
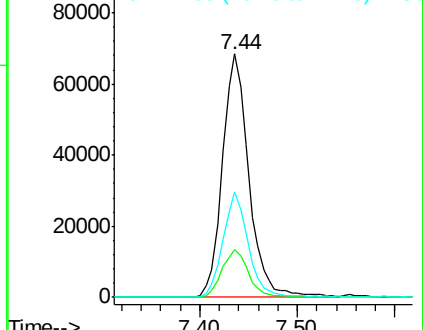
99 100

42 19.7 20.5 30.7#

71 43.4 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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 8.61 min Scan# 854

Delta R.T. 0.04 min

Lab File: BG028911.D

Acq: 25 Sep 2017 17:14

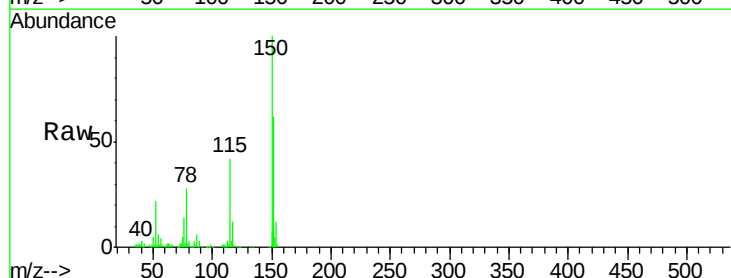
Tgt Ion: 79 Resp: 4544

Ion Ratio Lower Upper

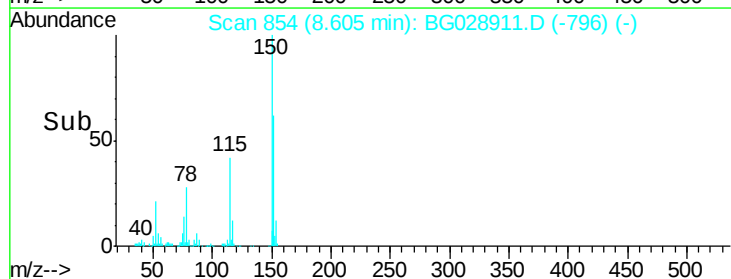
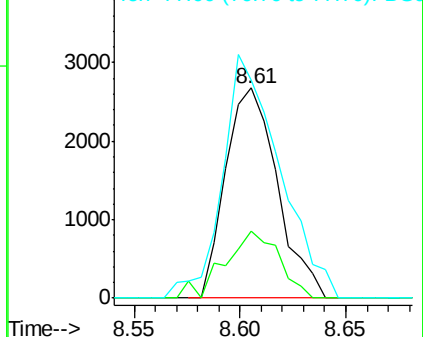
79 100

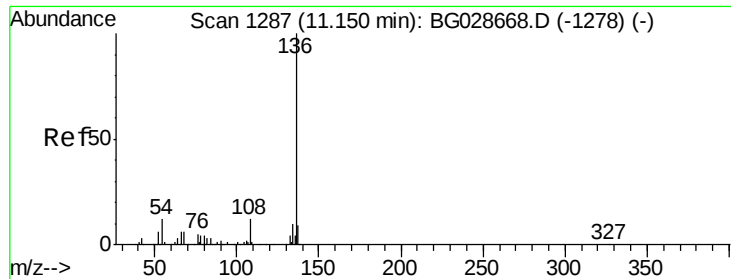
108 32.0 45.5 68.3#

77 104.0 54.3 81.5#



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

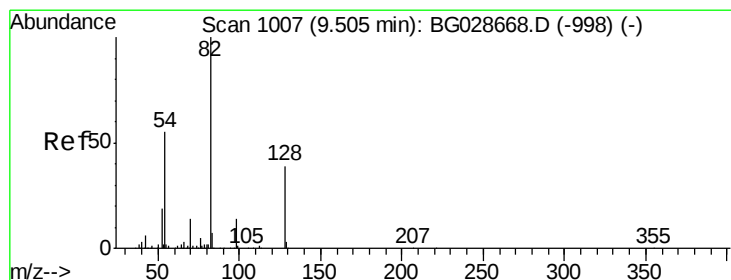
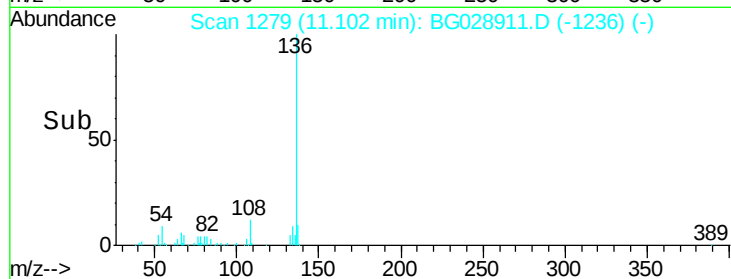
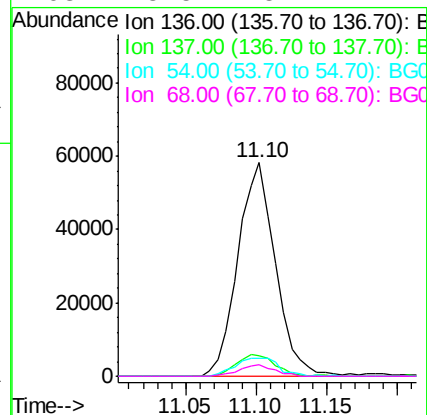
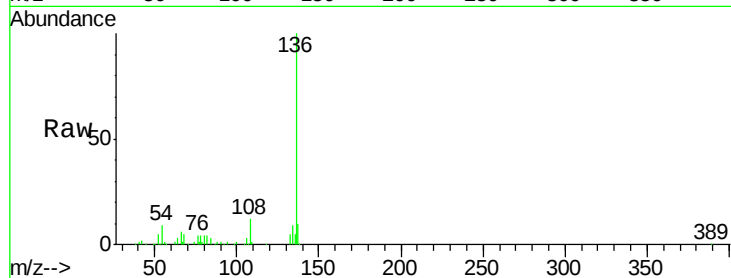




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

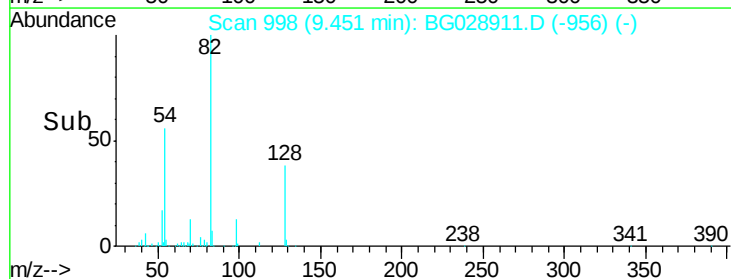
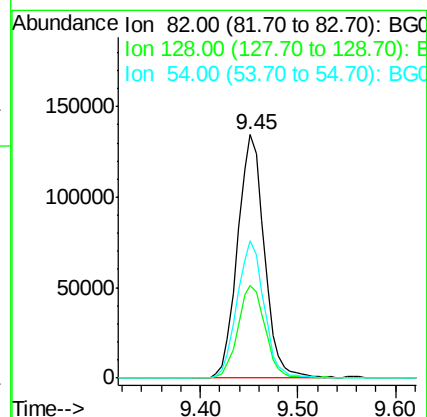
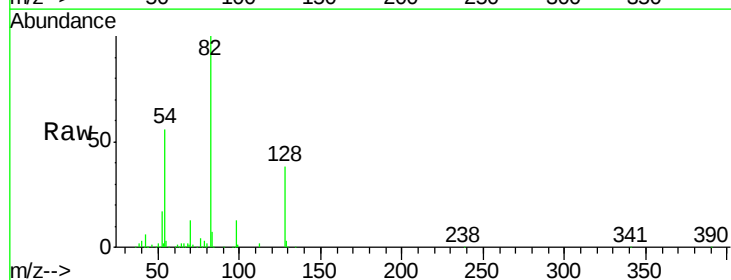
Instrument :
BNA_G
ClientSampleId :

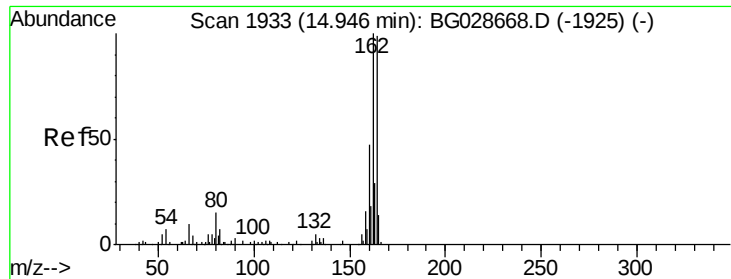
Tot Ion:136	Resp:	108069
Ion Ratio	Lower	Upper
136	100	
137	9.6	8.9 13.3
54	8.6	9.3 13.9#
68	5.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 113.68 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

Tgt Ion: 82	Resp:	256816
Ion Ratio	Lower	Upper
82	100	
128	37.9	26.4 39.6
54	56.2	49.4 74.2

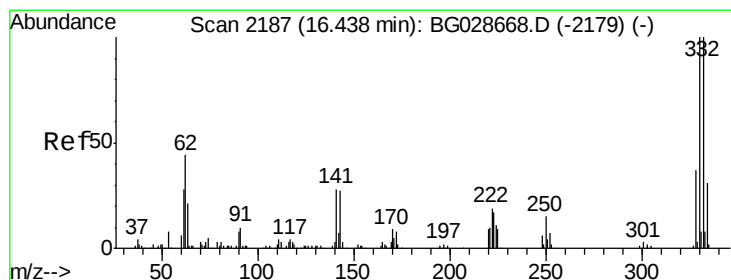
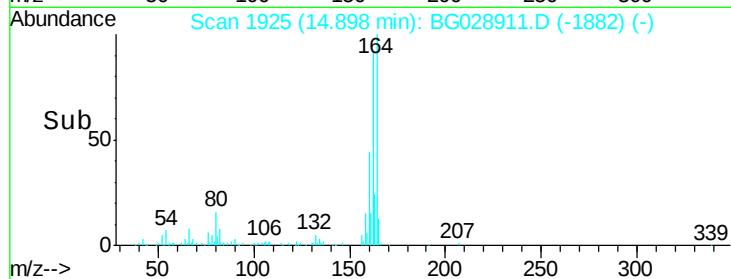
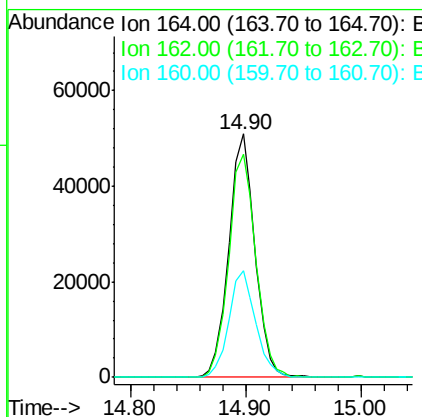
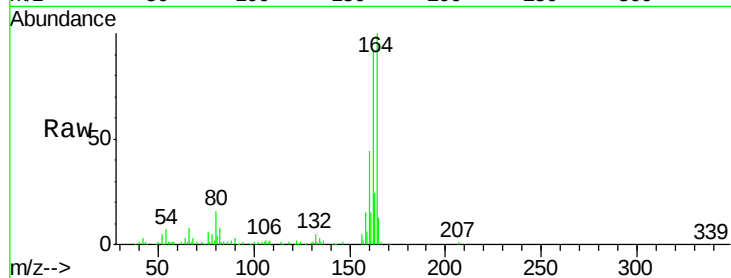




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

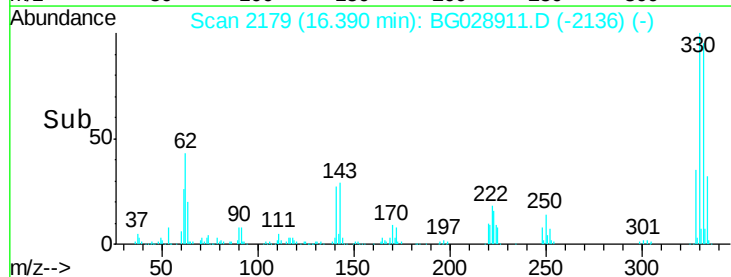
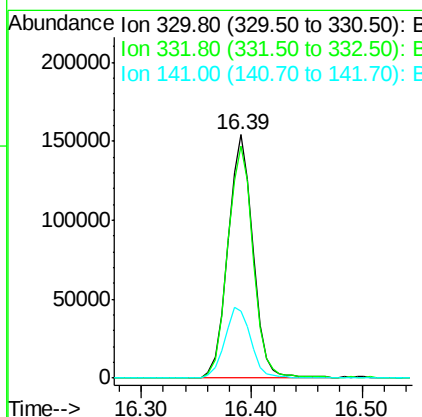
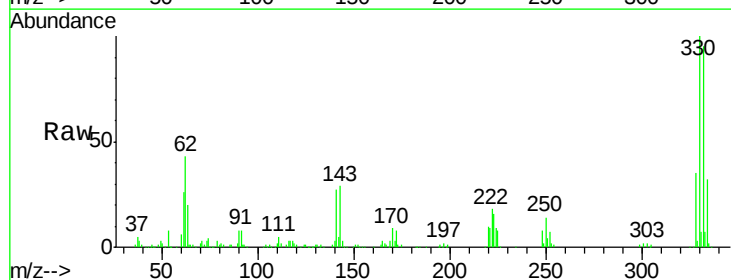
Instrument :
BNA_G
ClientSampleId :

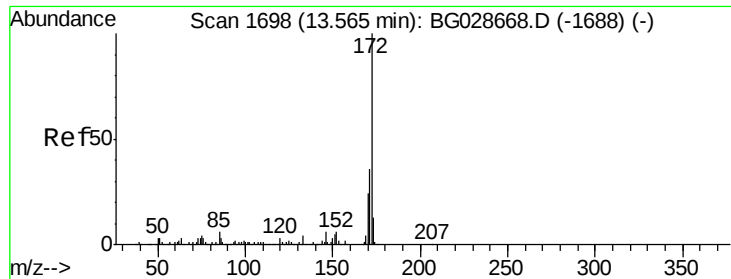
Tot Ion:164 Resp: 79719
Ion Ratio Lower Upper
164 100
162 91.7 85.1 127.7
160 43.6 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 185.97 ng
RT: 16.39 min Scan# 2179
Delta R.T. -0.05 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

Tgt Ion:330 Resp: 245206
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.1 32.1 48.1#

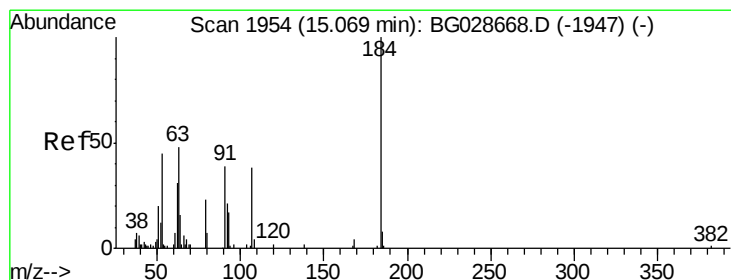
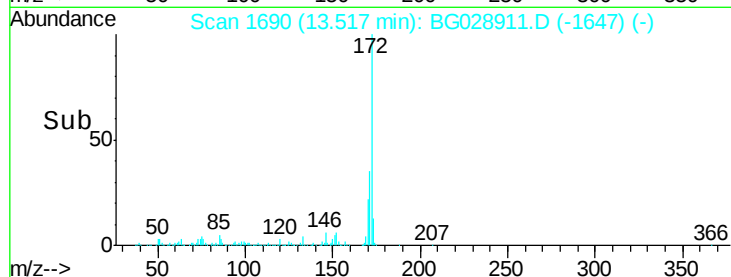
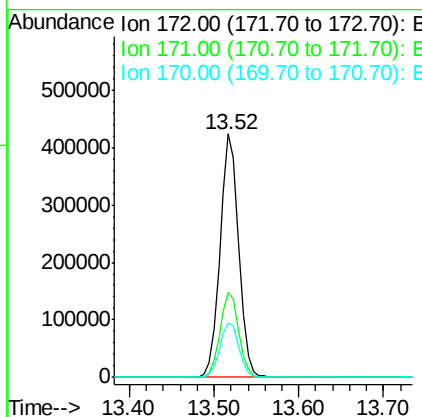
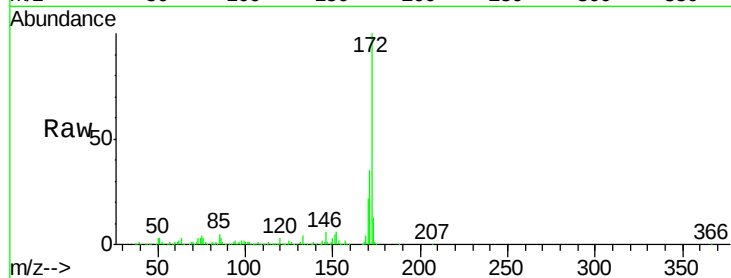




#44
2-Fluorobiphenyl
Concen: 108.48 ng
RT: 13.52 min Scan# 1690
Delta R.T. -0.05 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

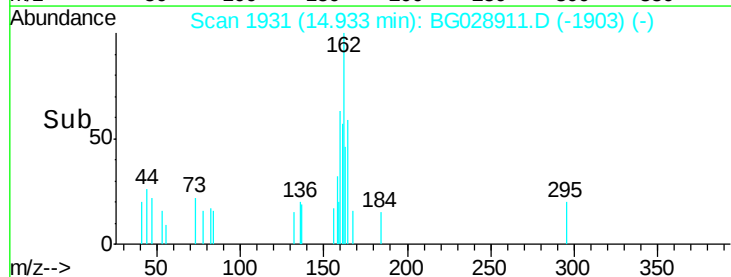
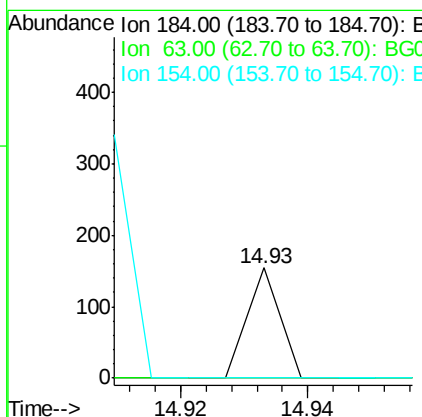
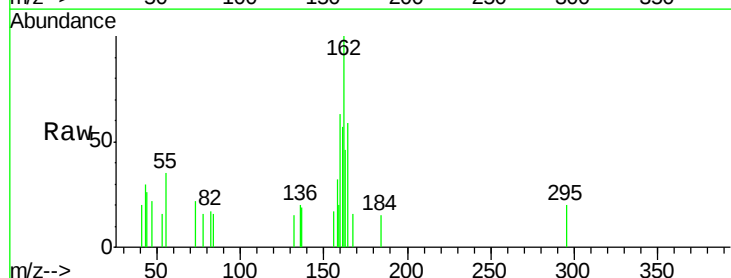
Instrument :
BNA_G
ClientSampleId :

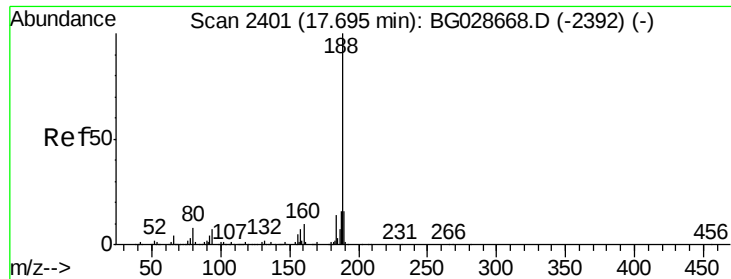
Tot Ion:172 Resp: 648533
Ion Ratio Lower Upper
172 100
171 34.9 32.2 48.2
170 22.0 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 8.06 ng
RT: 14.93 min Scan# 1931
Delta R.T. -0.14 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

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#

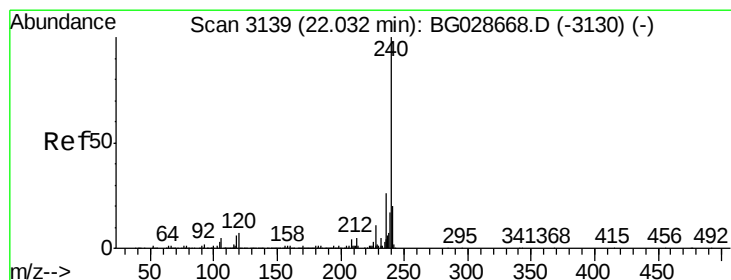
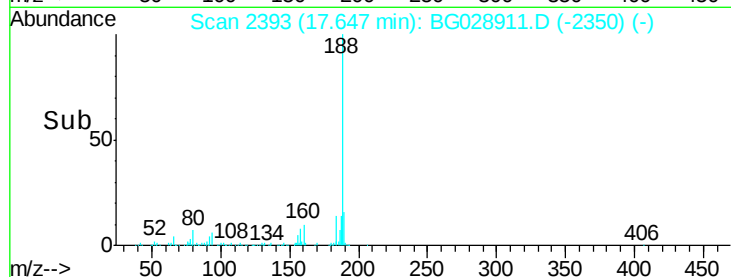
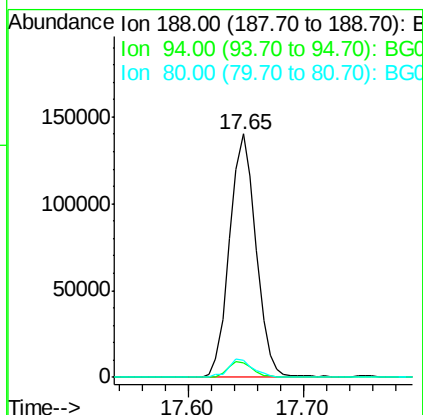
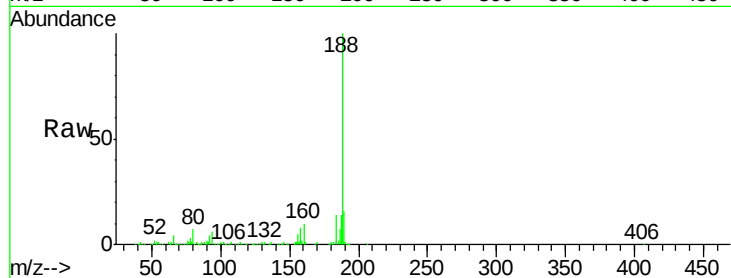




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

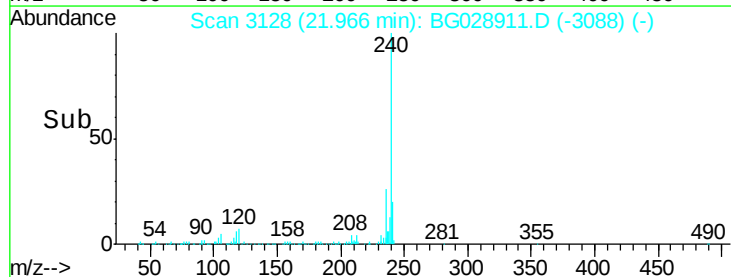
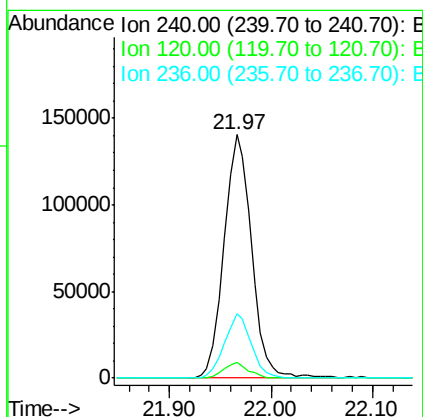
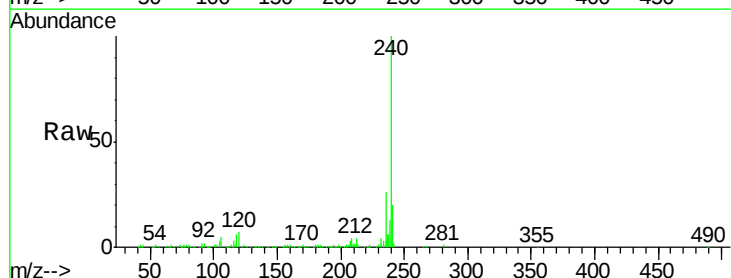
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BNA_G
ClientSampleId :

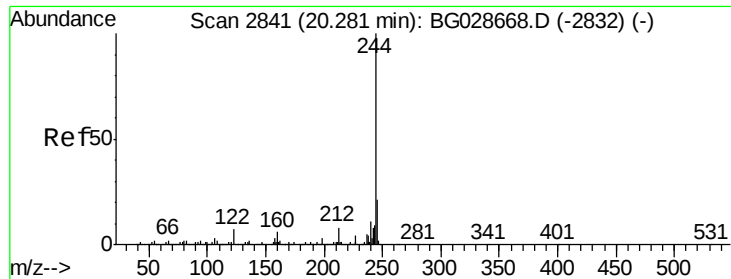
Tot Ion:188 Resp: 223081
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 7.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.07 min
Lab File: BG028911.D
Acq: 25 Sep 2017 17:14

Tgt Ion:240 Resp: 264286
Ion Ratio Lower Upper
240 100
120 6.6 5.7 8.5
236 26.4 22.2 33.4

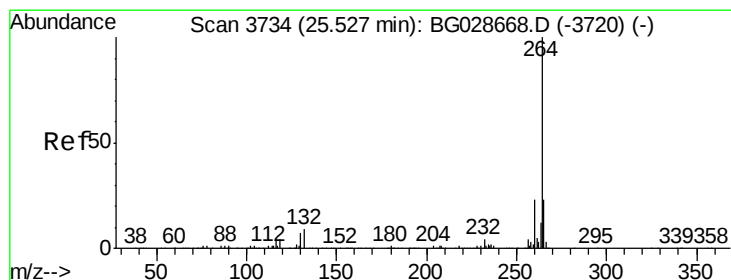
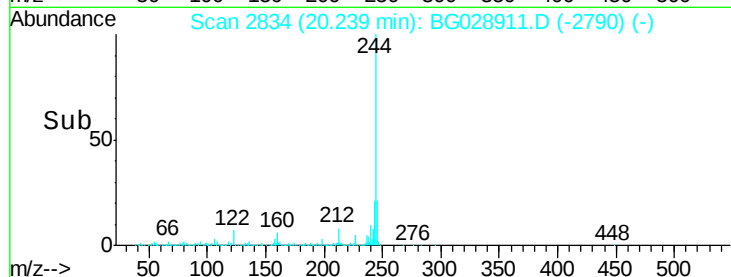
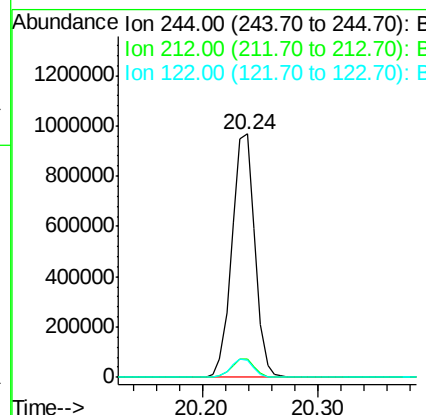
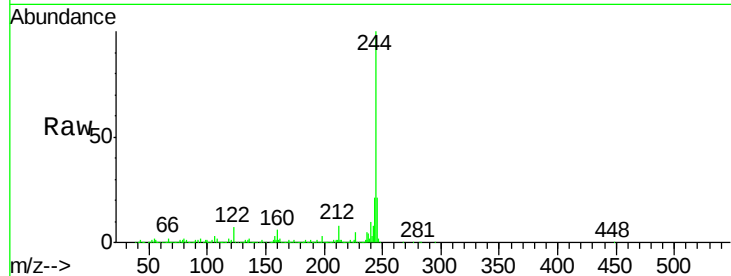




#78
 Terphenyl-d14
 Concen: 107.03 ng
 RT: 20.24 min Scan# 2834
 Delta R.T. -0.04 min
 Lab File: BG028911.D
 Acq: 25 Sep 2017 17:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1326358
 Ion Ratio Lower Upper
 244 100
 212 7.7 10.0 15.0#
 122 7.3 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.43 min Scan# 3717
 Delta R.T. -0.10 min
 Lab File: BG028911.D
 Acq: 25 Sep 2017 17:14

Tgt Ion:264 Resp: 265995
 Ion Ratio Lower Upper
 264 100
 260 21.6 21.8 32.8#
 265 21.6 18.2 27.4

