

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027437.D
 Acq On : 15 Jun 2017 5:06
 Operator : SJ/MA
 Sample : I3635-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-061217-D

Quant Time: Jun 15 05:55:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

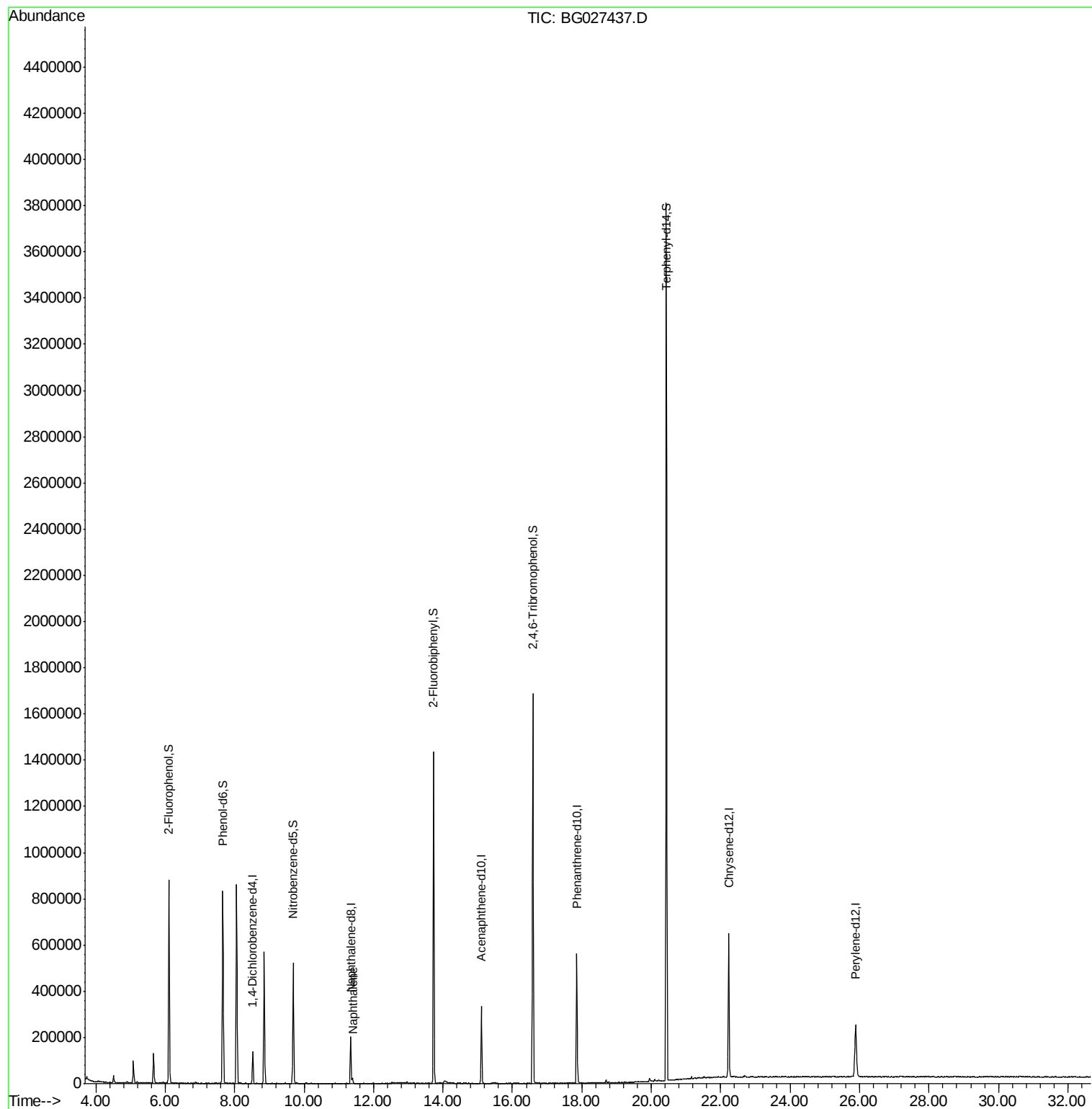
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	37599	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	173320	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	114733	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	352566	20.00	ng	0.00
75) Chrysene-d12	22.23	240	406017	20.00	ng	0.00
86) Perylene-d12	25.88	264	237447	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	383896	144.30	ng	0.00
7) Phenol-d6	7.66	99	512786	125.42	ng	0.00
23) Nitrobenzene-d5	9.69	82	338428	99.55	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	325970	189.30	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	749131	94.32	ng	0.00
78) Terphenyl-d14	20.43	244	1737065	109.65	ng	0.00
Target Compounds						
31) Naphthalene	11.40	128	19760	2.09	ng	Qvalue # 95

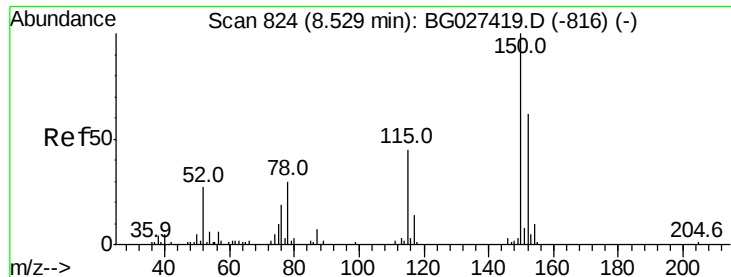
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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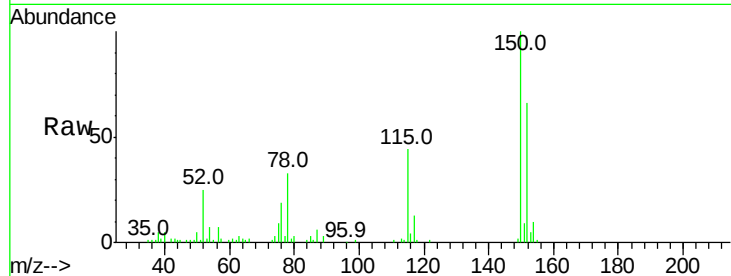


#1

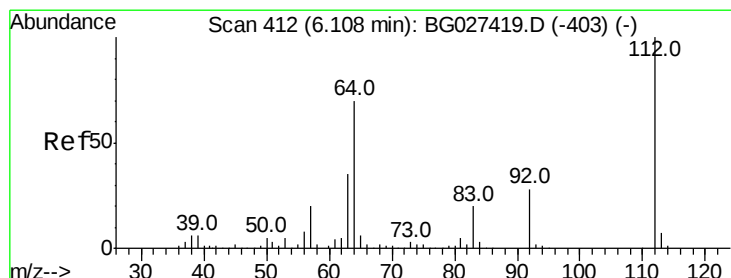
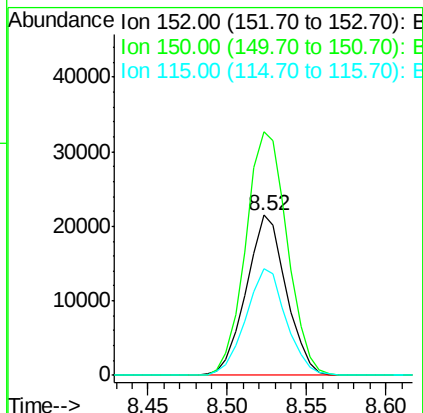
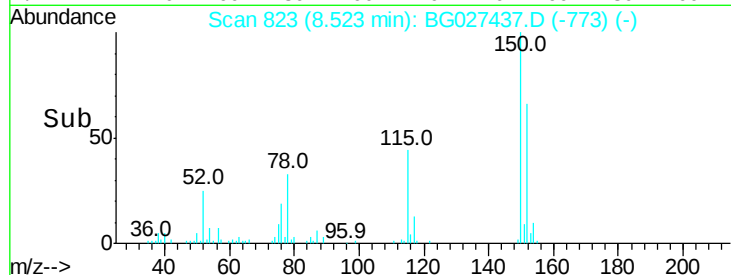
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG027437.D
Acq: 15 Jun 2017 5:06

Instrument :
BNA_G
ClientSampleId :
CL-02-061217-D

Tot Ion:152 Resp: 37599
Ion Ratio Lower Upper
152 100
150 152.2 114.0 171.0
115 66.4 48.1 72.1



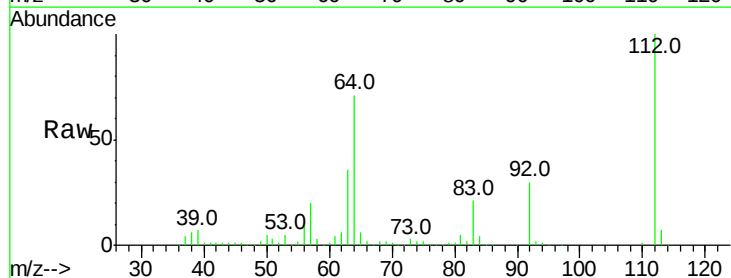
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



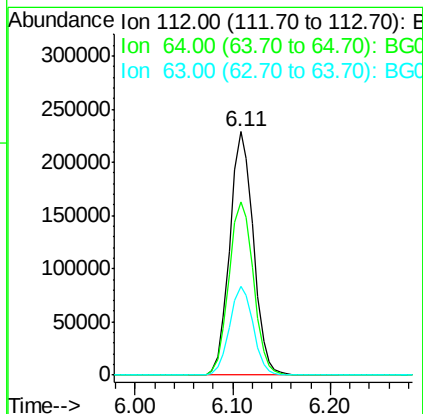
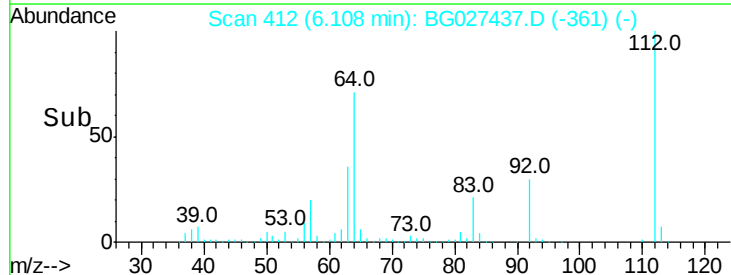
#5

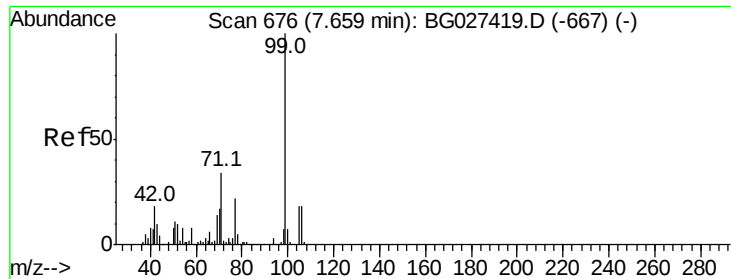
2-Fluorophenol
Concen: 144.30 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027437.D
Acq: 15 Jun 2017 5:06

Tgt Ion:112 Resp: 383896
Ion Ratio Lower Upper
112 100
64 71.3 61.8 92.6
63 36.4 37.2 55.8#



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: 125.42 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027437.D

Acq: 15 Jun 2017 5:06

Instrument :

BNA_G

ClientSampleId :

CL-02-061217-D

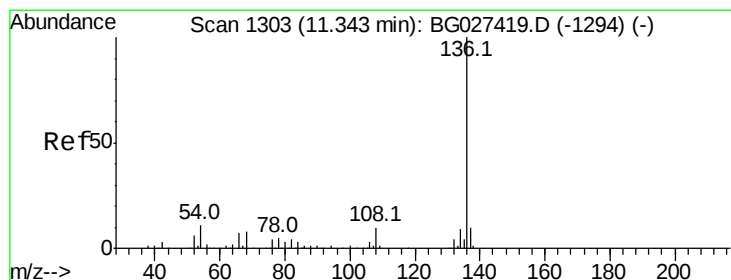
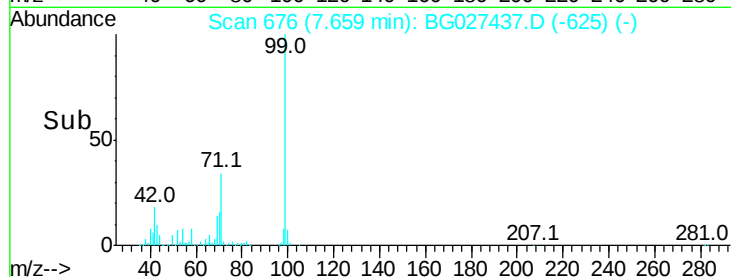
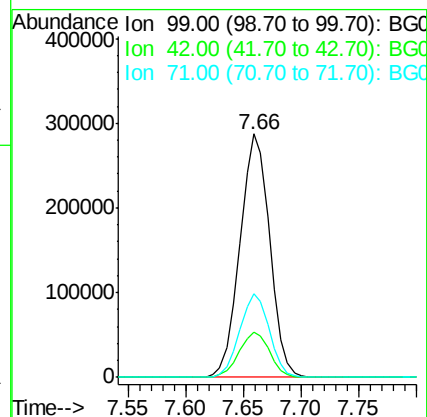
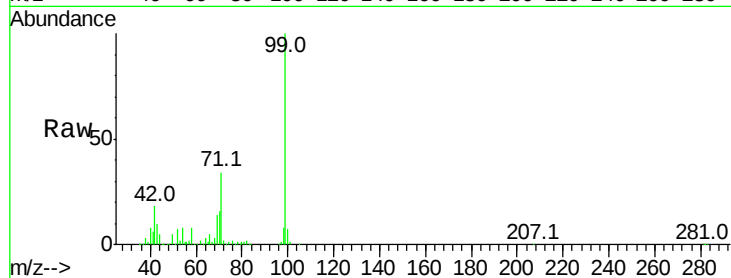
Tot Ion: 99 Resp: 512786

Ion Ratio Lower Upper

99 100

42 18.3 20.5 30.7#

71 34.2 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.34 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG027437.D

Acq: 15 Jun 2017 5:06

Tgt Ion: 136 Resp: 173320

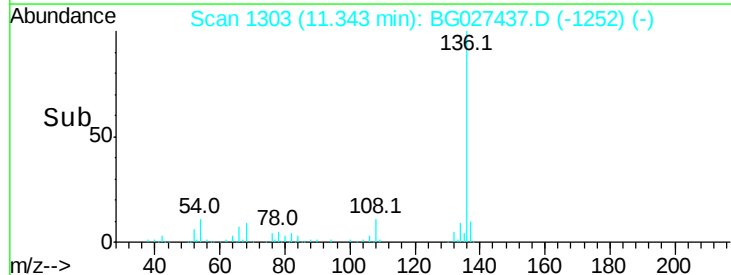
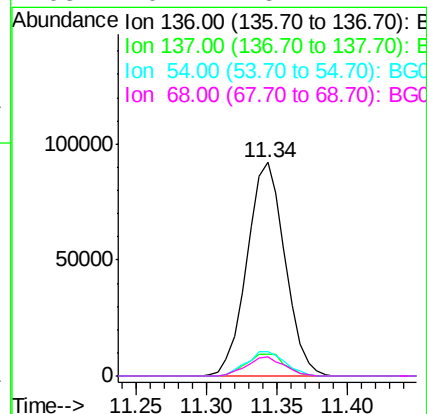
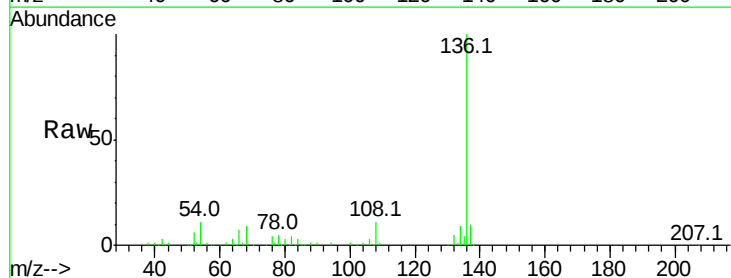
Ion Ratio Lower Upper

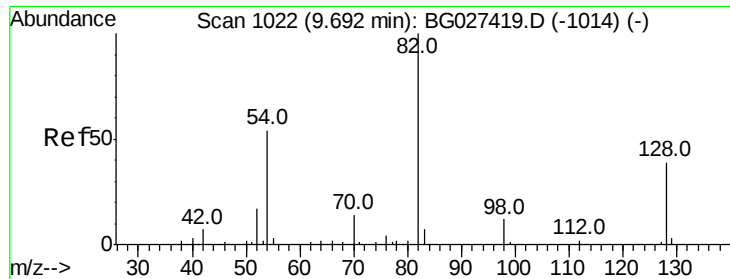
136 100

137 10.0 8.9 13.3

54 11.3 9.3 13.9

68 9.2 5.1 7.7#

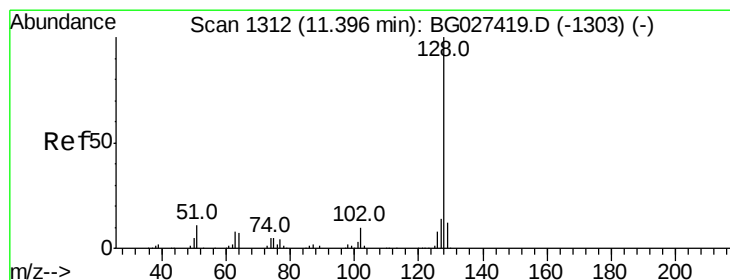
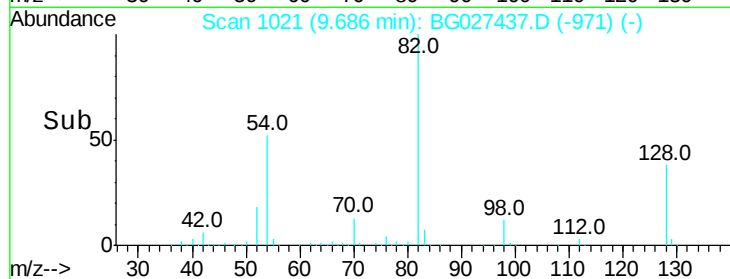
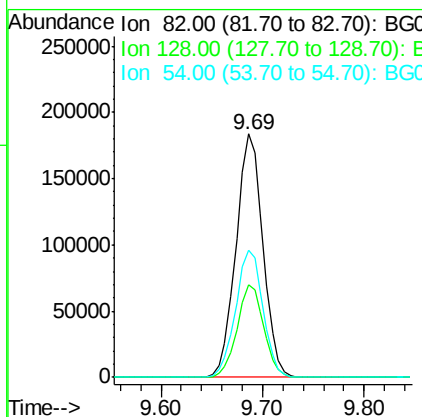
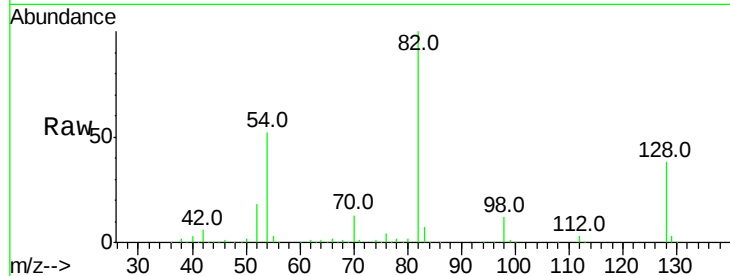




#23
 Nitrobenzene-d5
 Concen: 99.55 ng
 RT: 9.69 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG027437.D
 Acq: 15 Jun 2017 5:06

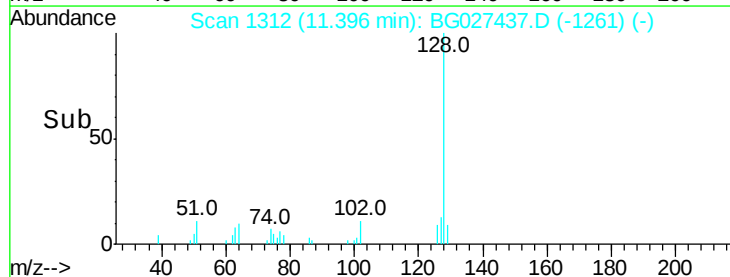
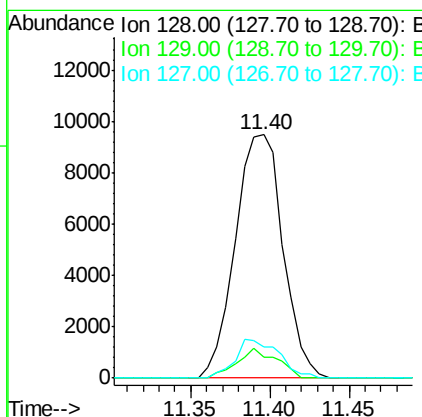
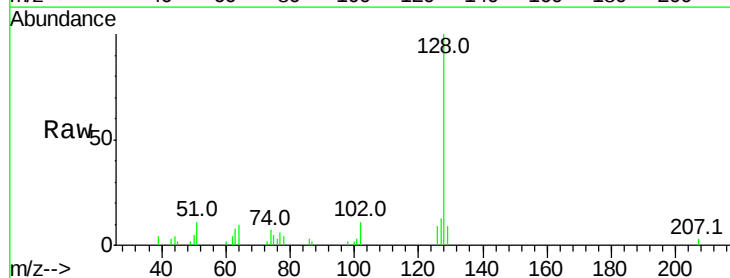
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-061217-D

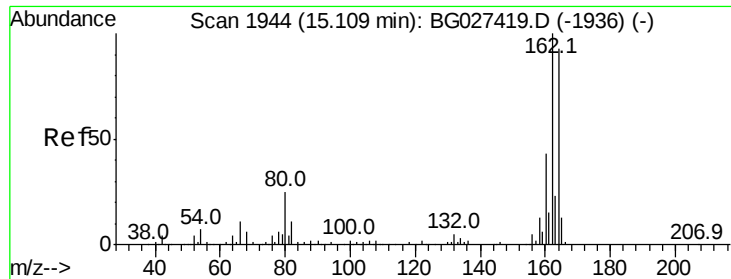
Tot Ion	82	Resp	338428
Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.4	39.6
54	52.4	49.4	74.2



#31
 Naphthalene
 Concen: 2.09 ng
 RT: 11.40 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BG027437.D
 Acq: 15 Jun 2017 5:06

Tgt Ion	128	Resp	19760
Ion	Ratio	Lower	Upper
128	100		
129	8.7	9.3	13.9#
127	12.8	11.4	17.0

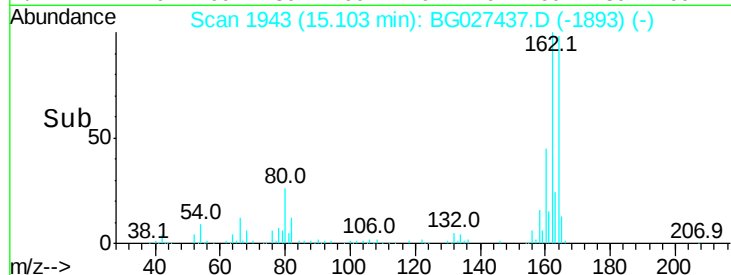
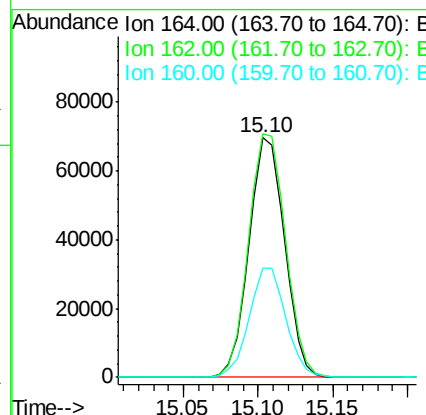
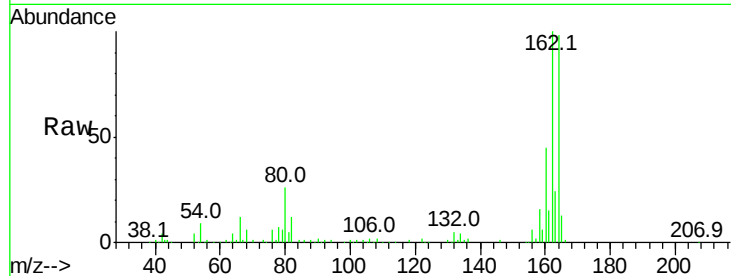




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG027437.D
 Acq: 15 Jun 2017 5:06

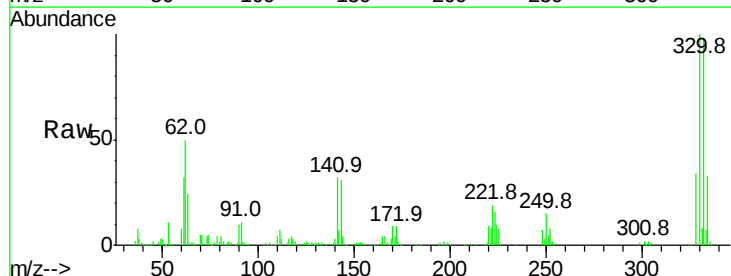
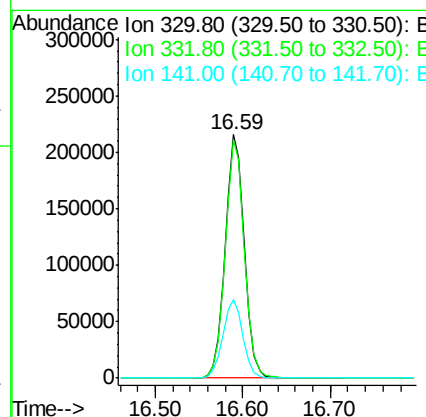
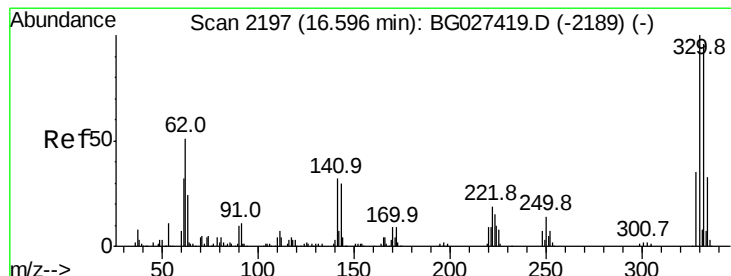
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-061217-D

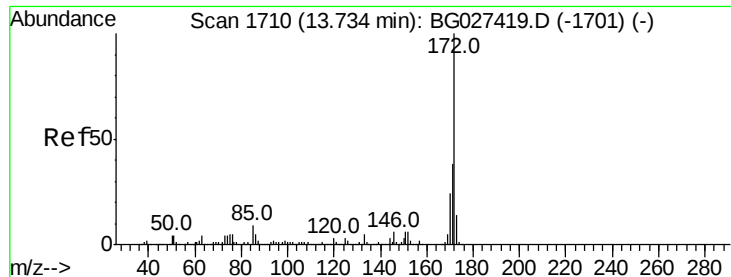
Tot Ion:164 Resp: 114733
 Ion Ratio Lower Upper
 164 100
 162 101.6 85.1 127.7
 160 45.7 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 189.30 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG027437.D
 Acq: 15 Jun 2017 5:06

Tgt Ion:330 Resp: 325970
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 33.7 32.1 48.1

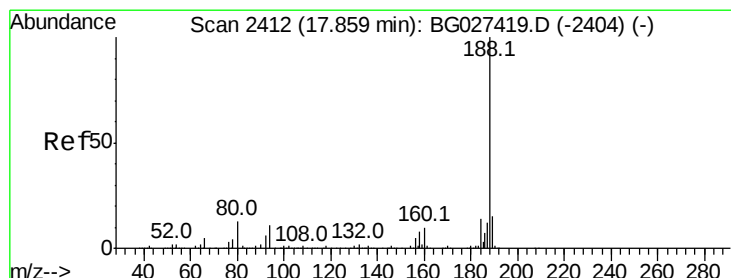
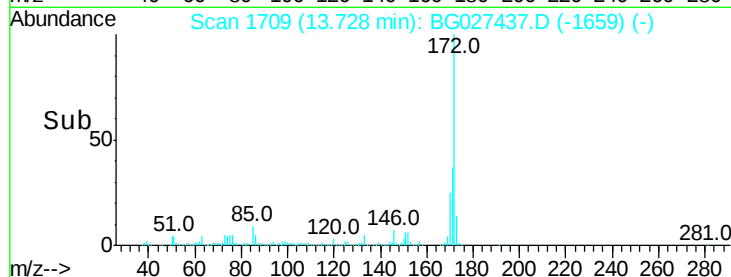
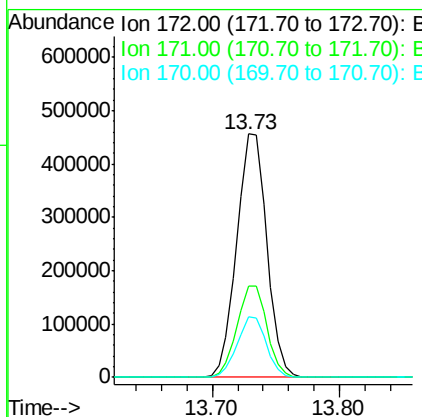
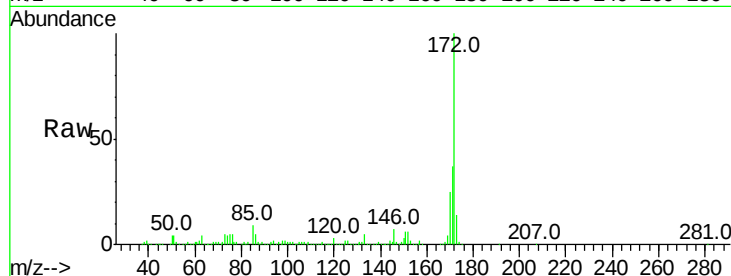




#44
2-Fluorobiphenyl
Concen: 94.32 ng
RT: 13.73 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG027437.D
Acq: 15 Jun 2017 5:06

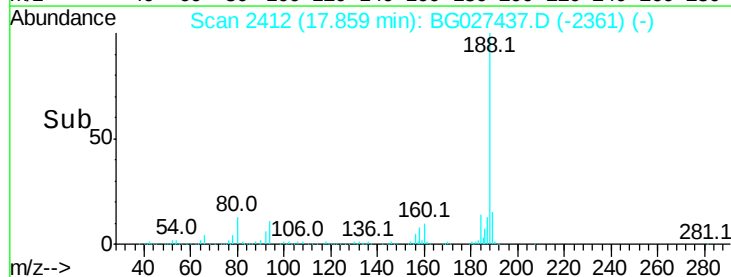
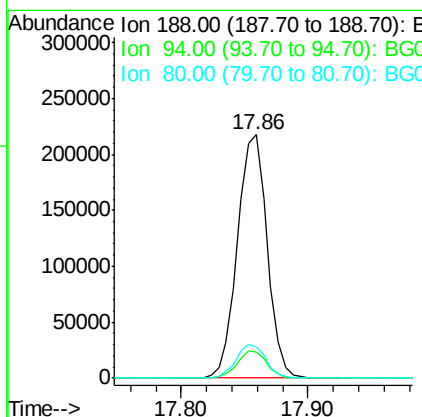
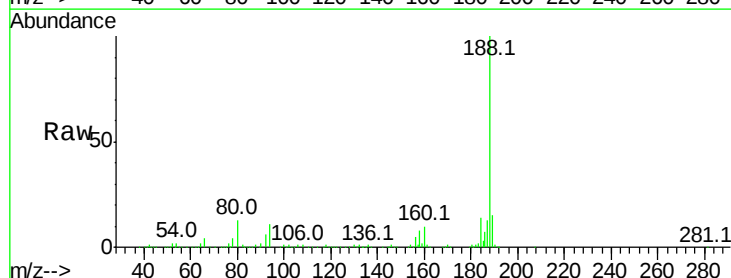
Instrument :
BNA_G
ClientSampleId :
CL-02-061217-D

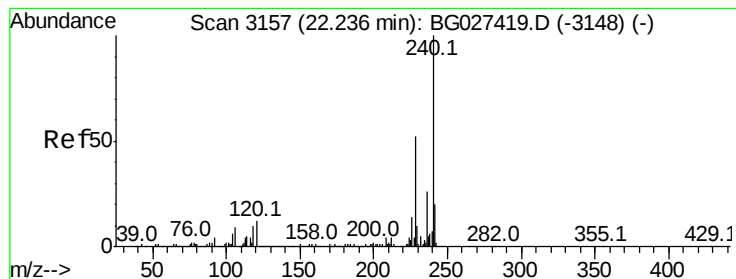
Tot Ion:172 Resp: 749131
Ion Ratio Lower Upper
172 100
171 37.3 32.2 48.2
170 24.6 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG027437.D
Acq: 15 Jun 2017 5:06

Tgt Ion:188 Resp: 352566
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 12.8 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG027437.D

Acq: 15 Jun 2017 5:06

Instrument :

BNA_G

ClientSampleId :

CL-02-061217-D

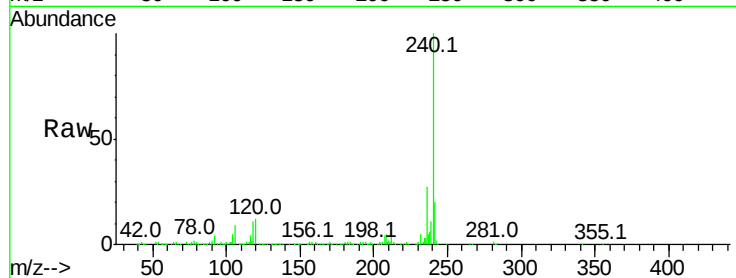
Tot Ion:240 Resp: 406017

Ion Ratio Lower Upper

240 100

120 12.1 5.7 8.5#

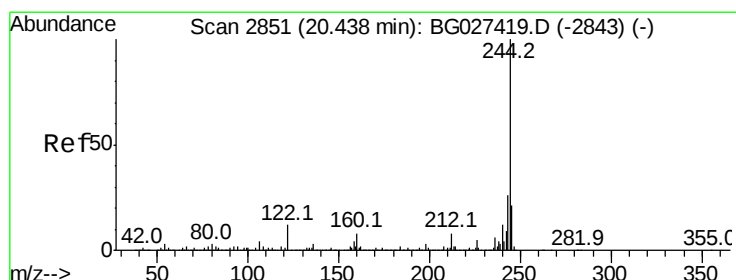
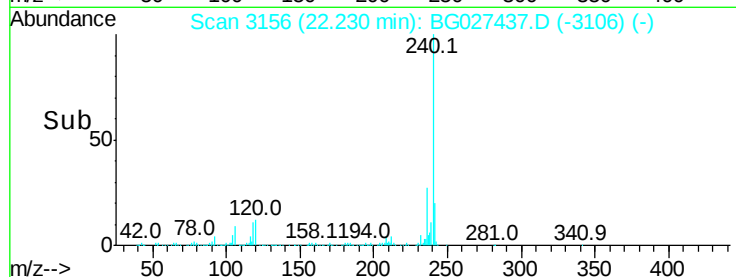
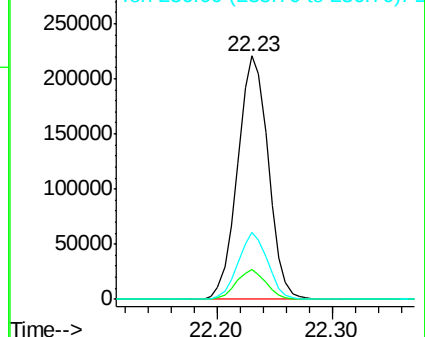
236 27.3 22.2 33.4



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: 109.65 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG027437.D

Acq: 15 Jun 2017 5:06

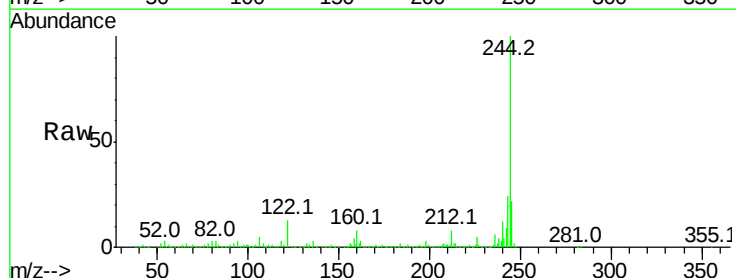
Tgt Ion:244 Resp: 1737065

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

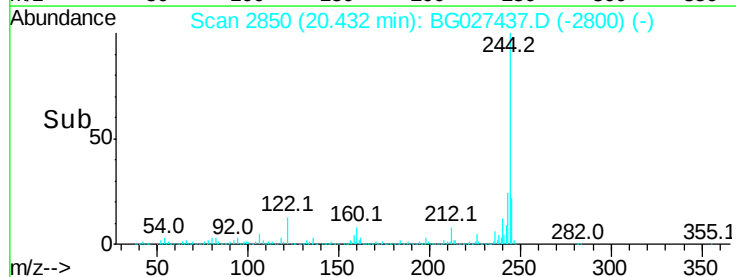
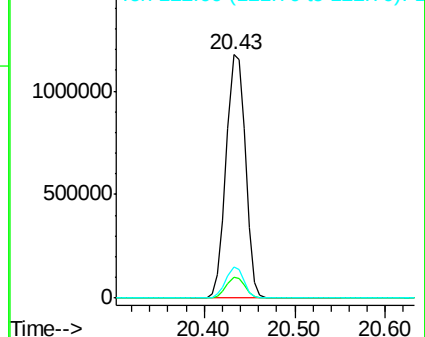
122 12.8 8.6 12.8

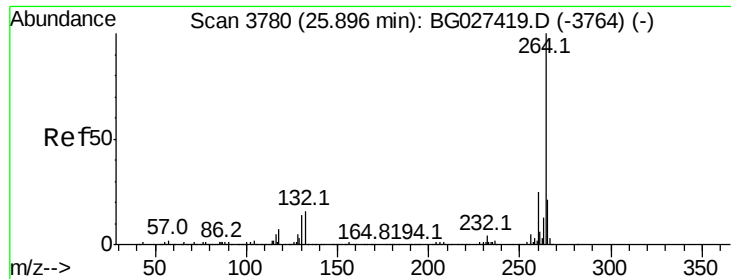


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

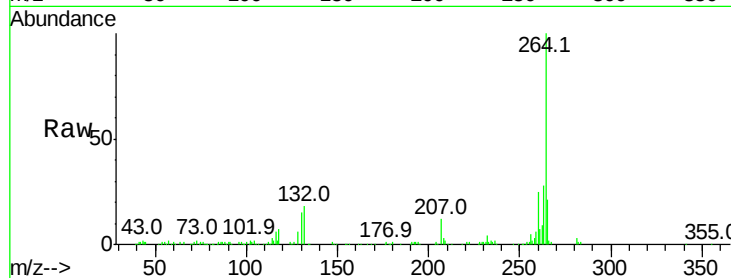




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.88 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG027437.D
Acq: 15 Jun 2017 5:06

Instrument :
BNA_G
ClientSampleId :
CL-02-061217-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	21.4	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

