

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070517\
 Data File : BG027858.D
 Acq On : 5 Jul 2017 21:48
 Operator : SJ/JU
 Sample : I4052-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 06 01:01:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	26144	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	118606	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	76212	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	214551	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	224165	20.00	ng	-0.04
86) Perylene-d12	25.73	264	130479	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	215139	126.72	ng	-0.03
7) Phenol-d6	7.60	99	263347	101.53	ng	-0.02
23) Nitrobenzene-d5	9.62	82	189708	89.16	ng	-0.03
41) 2,4,6-Tribromophenol	16.53	330	218647	209.17	ng	-0.03
44) 2-Fluorobiphenyl	13.66	172	510312	95.63	ng	-0.03
78) Terphenyl-d14	20.37	244	1124336	117.59	ng	-0.02

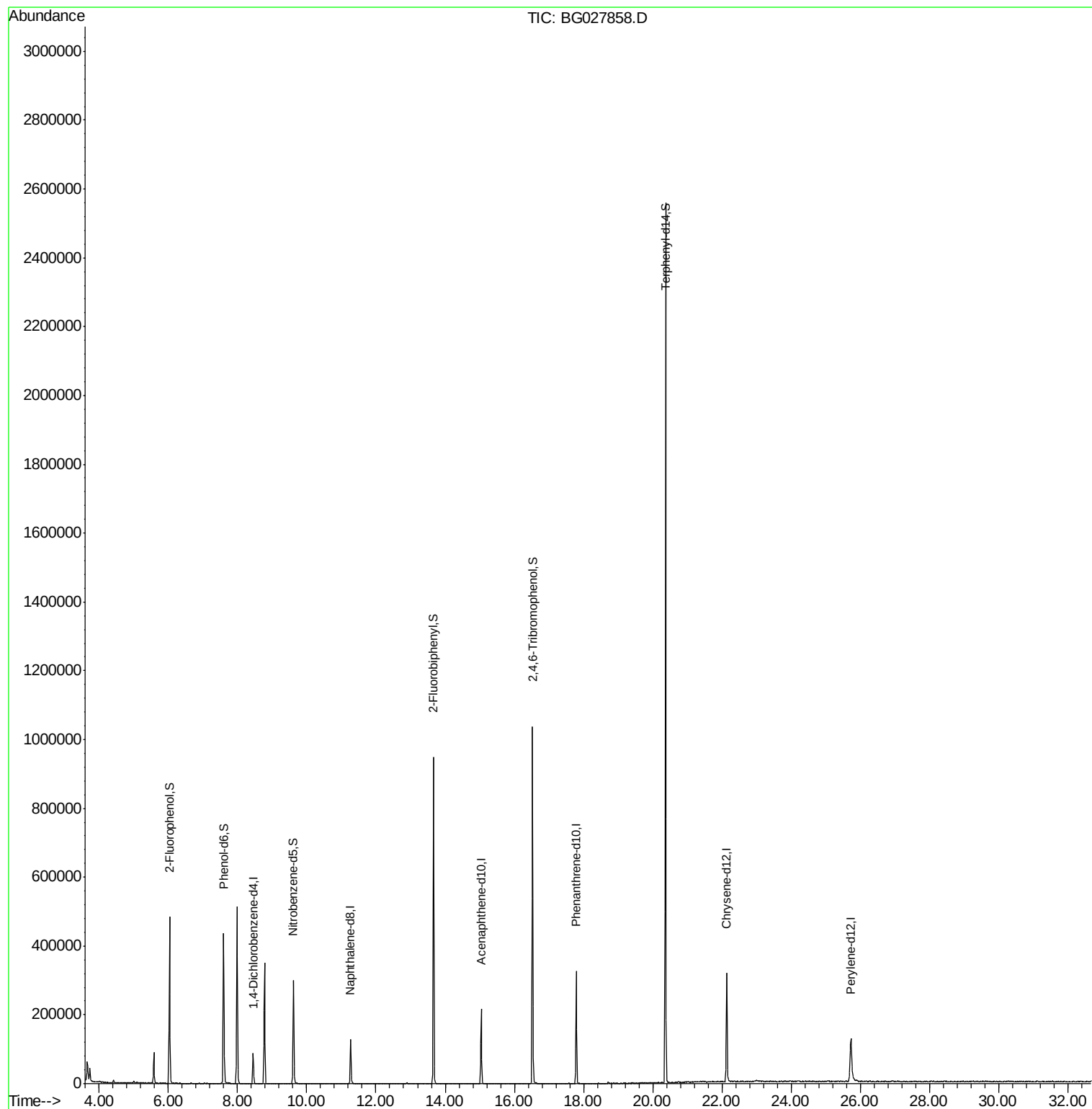
Target Compounds Qvalue

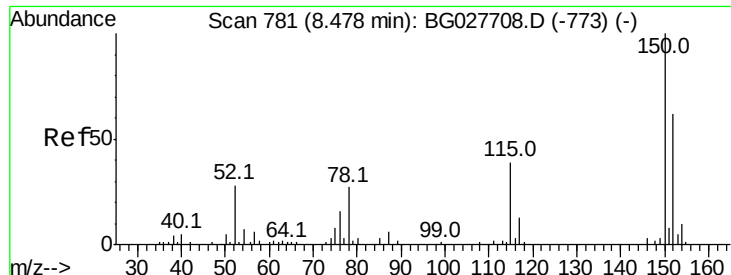
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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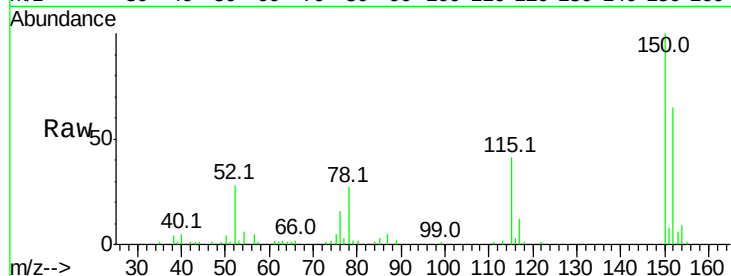


#1

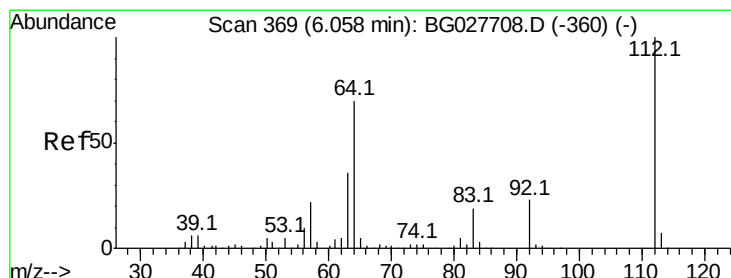
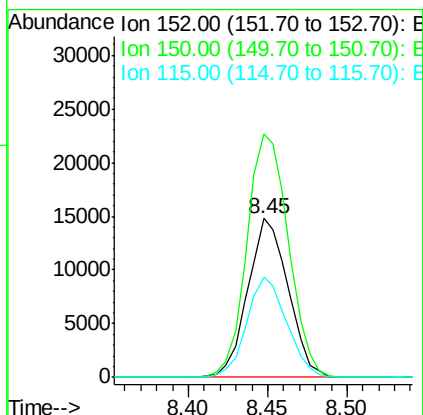
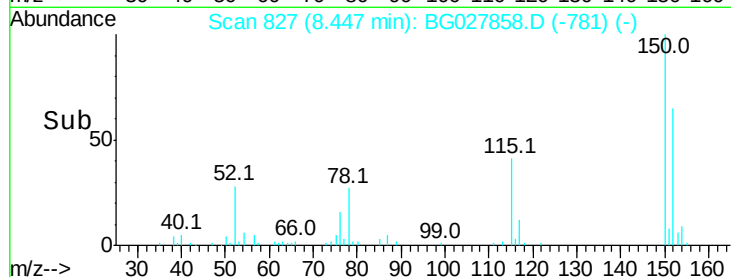
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.45 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027858.D
Acq: 5 Jul 2017 21:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26144
Ion Ratio Lower Upper
152 100
150 153.1 114.0 171.0
115 62.8 48.1 72.1



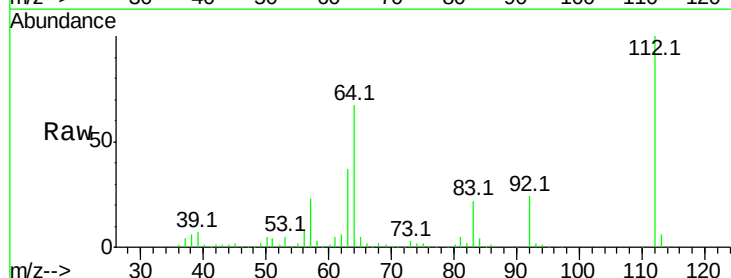
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



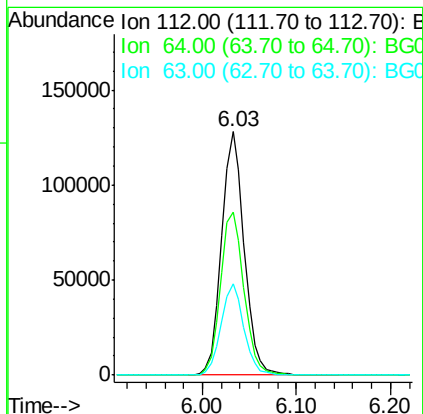
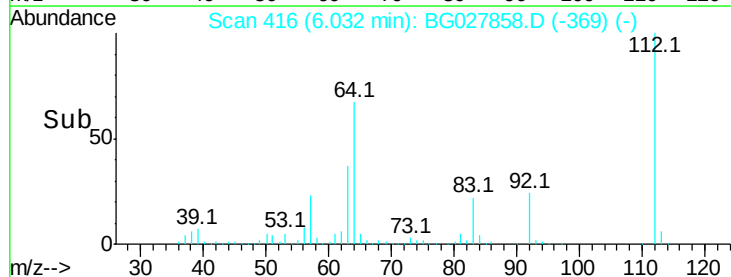
#5

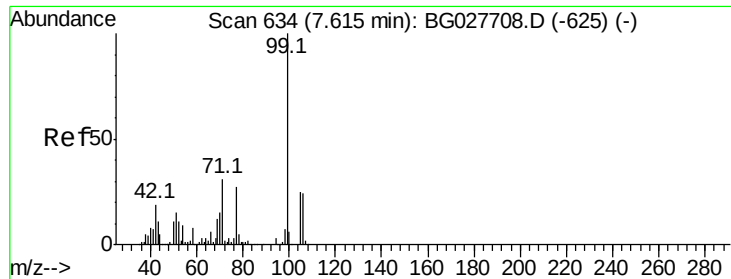
2-Fluorophenol
Concen: 126.72 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027858.D
Acq: 5 Jul 2017 21:48

Tgt Ion:112 Resp: 215139
Ion Ratio Lower Upper
112 100
64 66.9 61.8 92.6
63 37.4 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: 101.53 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027858.D

Acq: 5 Jul 2017 21:48

Instrument :

BNA_G

ClientSampleId :

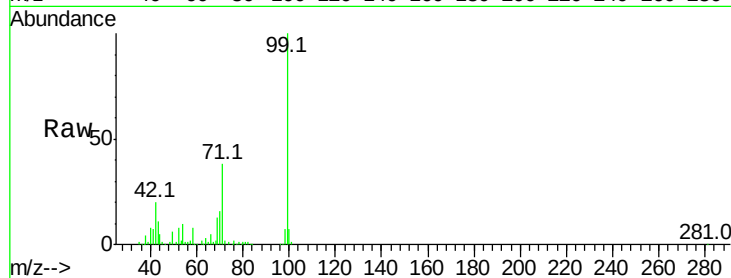
Tot Ion: 99 Resp: 263347

Ion Ratio Lower Upper

99 100

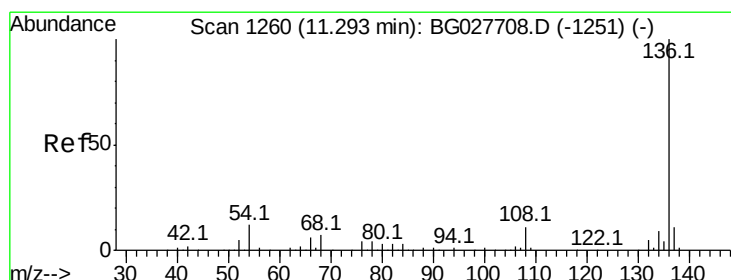
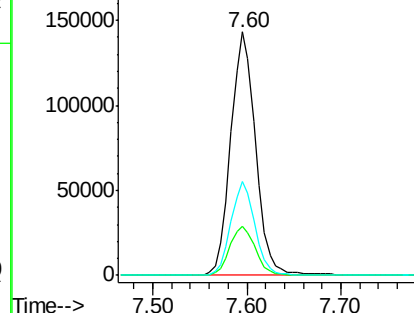
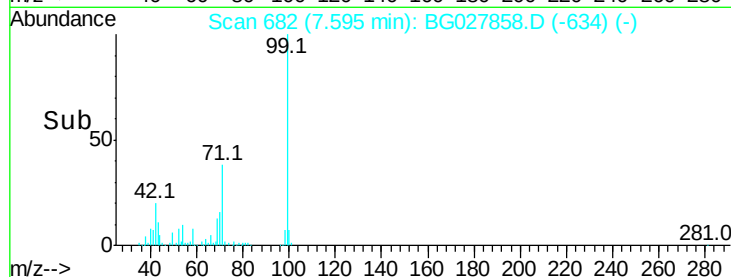
42 20.3 20.5 30.7#

71 38.3 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

7.60



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.27 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BG027858.D

Acq: 5 Jul 2017 21:48

Tgt Ion: 136 Resp: 118606

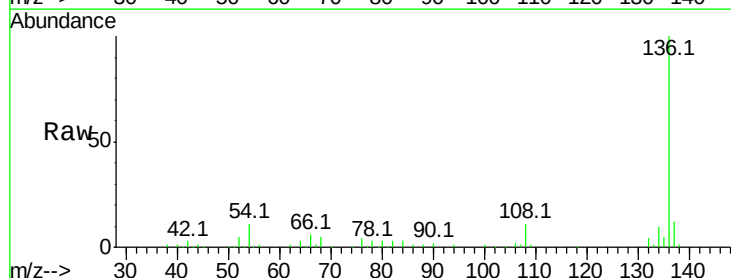
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

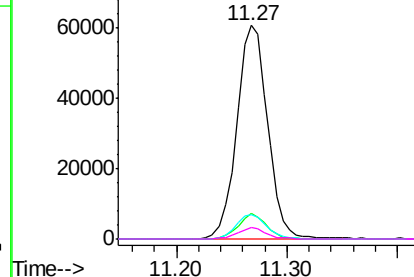
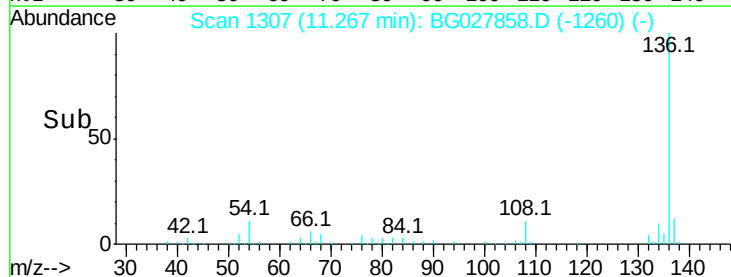
54 11.3 9.3 13.9

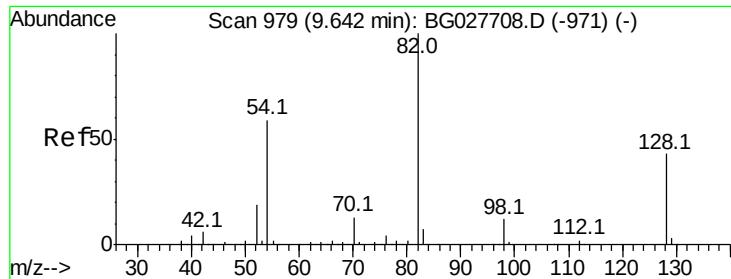
68 5.5 5.1 7.7



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

11.27

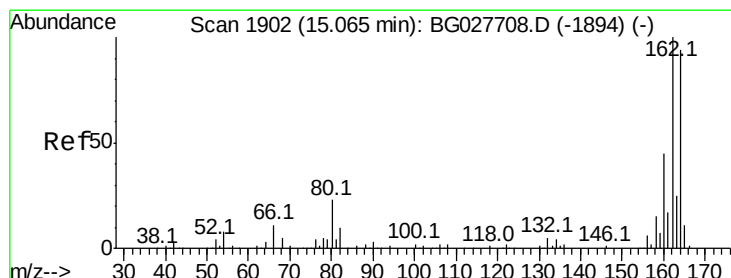
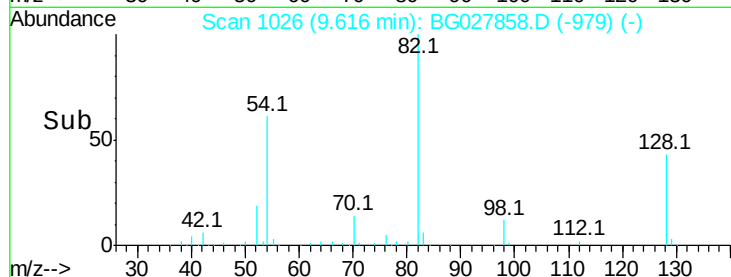
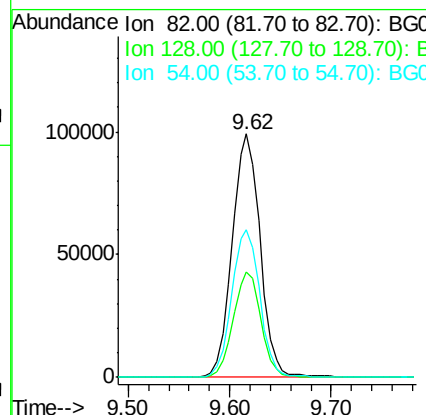
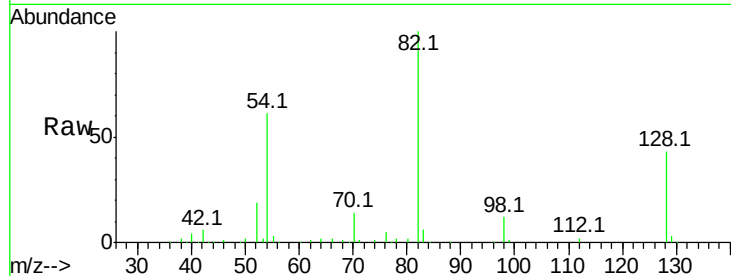




#23
 Nitrobenzene-d5
 Concen: 89.16 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027858.D
 Acq: 5 Jul 2017 21:48

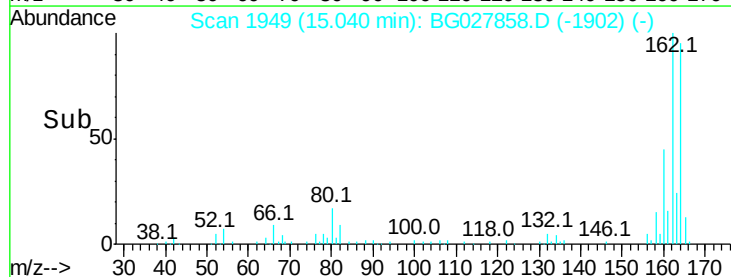
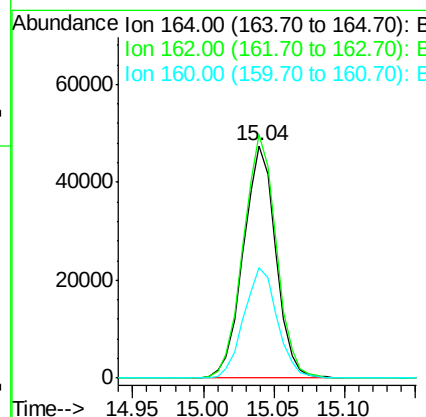
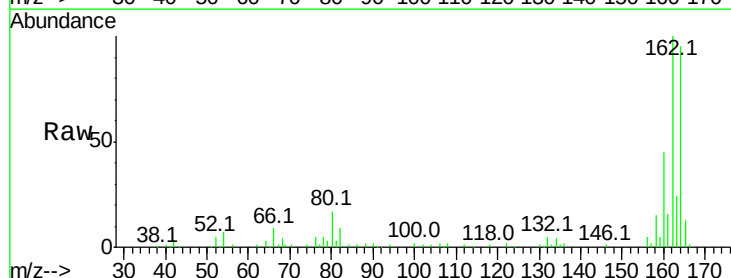
Instrument :
 BNA_G
 ClientSampleId :

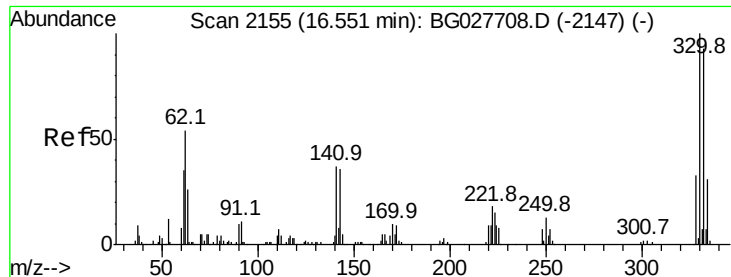
Tot Ion: 82 Resp: 189708
 Ion Ratio Lower Upper
 82 100
 128 43.3 26.4 39.6#
 54 60.5 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.03 min
 Lab File: BG027858.D
 Acq: 5 Jul 2017 21:48

Tgt Ion:164 Resp: 76212
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 47.5 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 209.17 ng

RT: 16.53 min Scan# 2202

Delta R.T. -0.03 min

Lab File: BG027858.D

Acq: 5 Jul 2017 21:48

Instrument :

BNA_G

ClientSampleId :

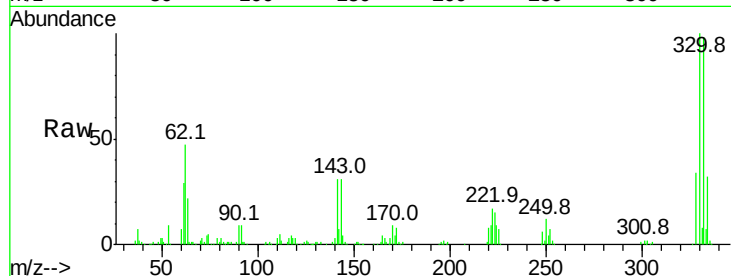
Tot Ion:330 Resp: 218647

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

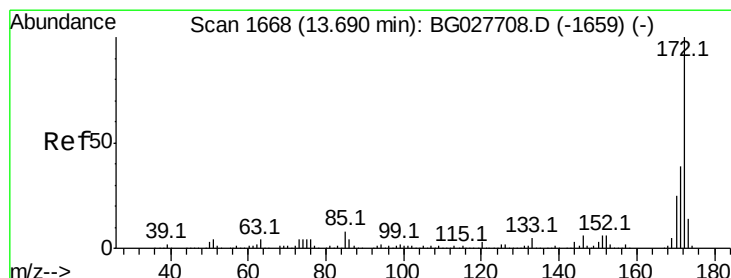
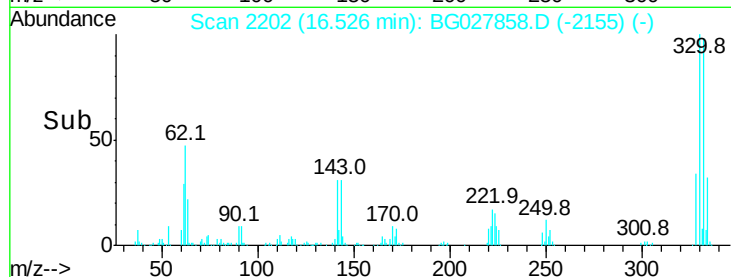
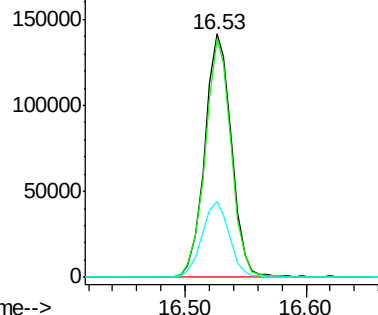
141 32.0 32.1 48.1#



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: 95.63 ng

RT: 13.66 min Scan# 1715

Delta R.T. -0.03 min

Lab File: BG027858.D

Acq: 5 Jul 2017 21:48

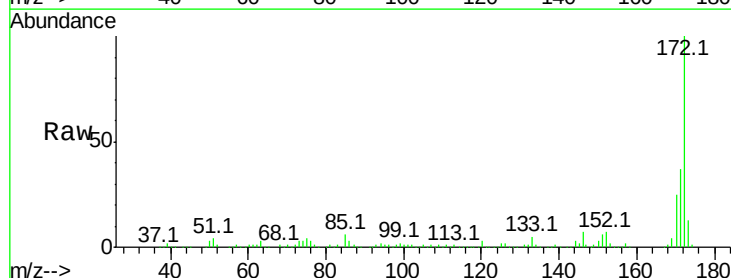
Tgt Ion:172 Resp: 510312

Ion Ratio Lower Upper

172 100

171 37.1 32.2 48.2

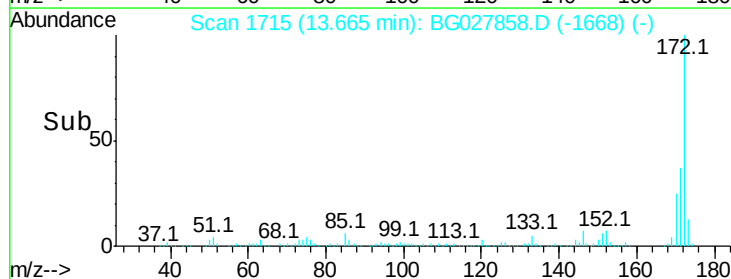
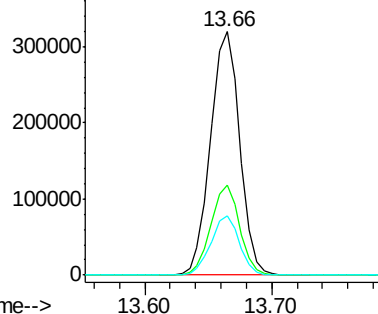
170 24.6 21.8 32.6

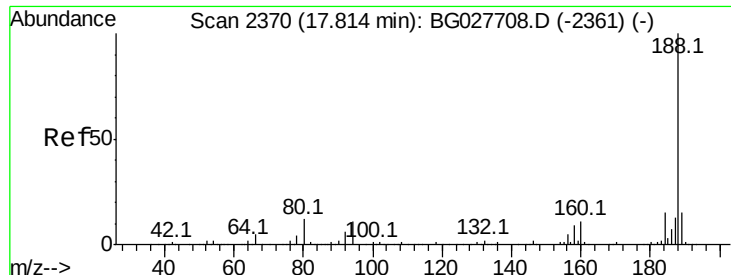


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

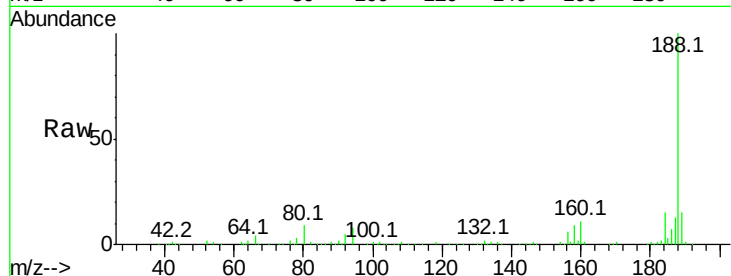




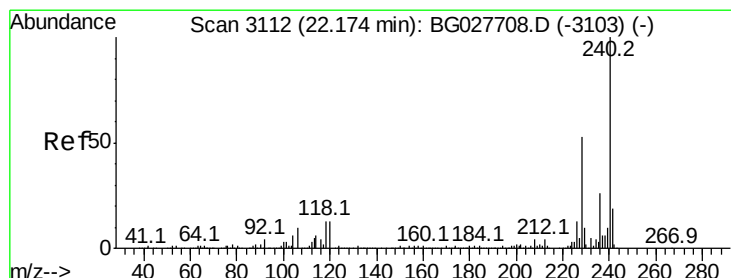
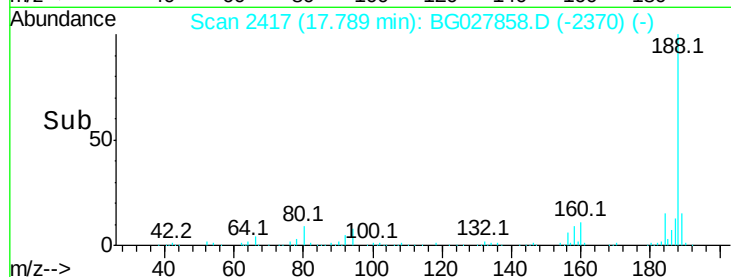
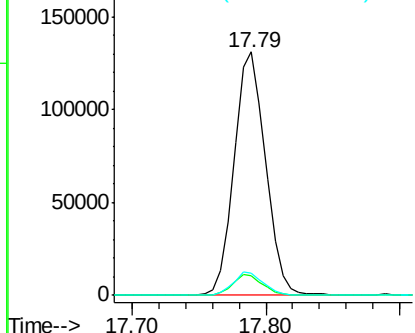
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027858.D
Acq: 5 Jul 2017 21:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 214551
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 9.1 7.5 11.3

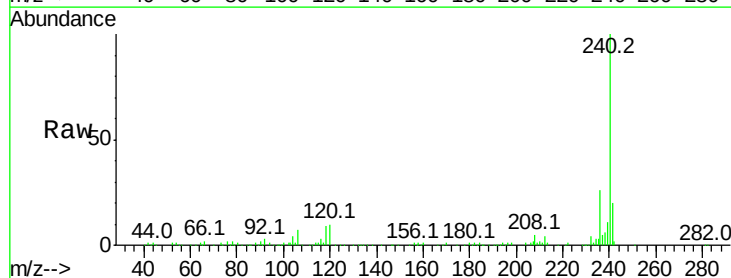


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

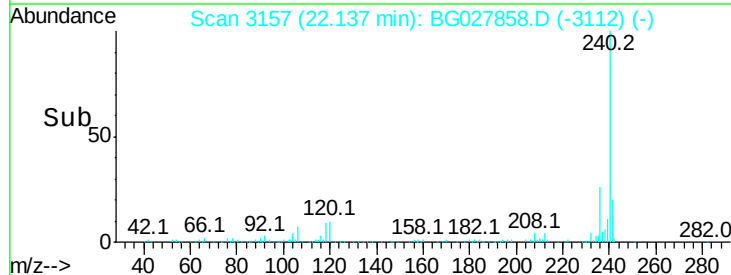
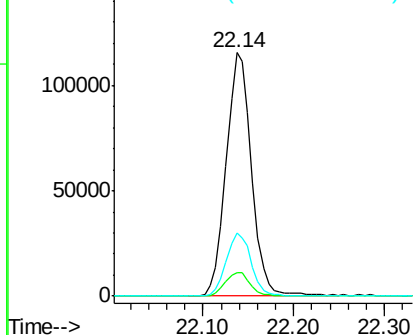


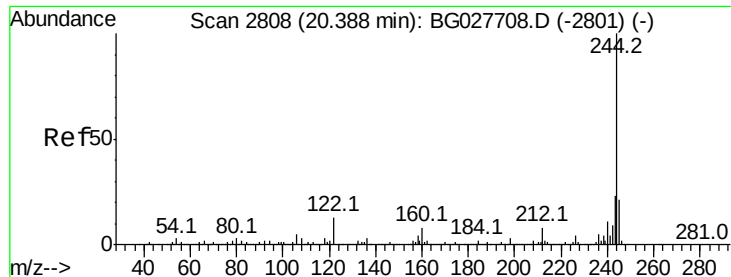
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.14 min Scan# 3157
Delta R.T. -0.04 min
Lab File: BG027858.D
Acq: 5 Jul 2017 21:48

Tgt Ion:240 Resp: 224165
Ion Ratio Lower Upper
240 100
120 9.8 5.7 8.5#
236 25.8 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: 117.59 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027858.D

Acq: 5 Jul 2017 21:48

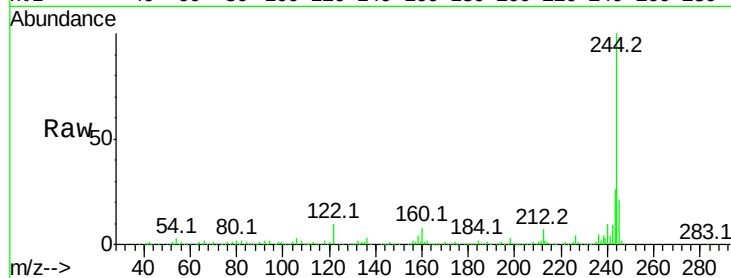
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1124336

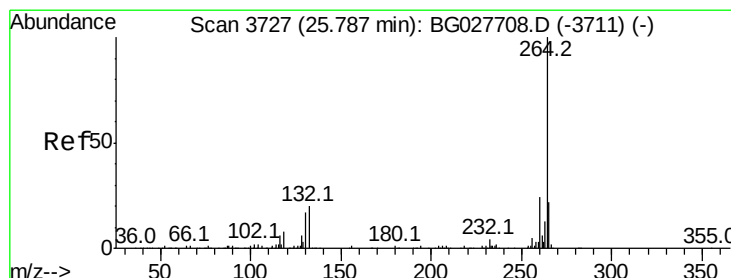
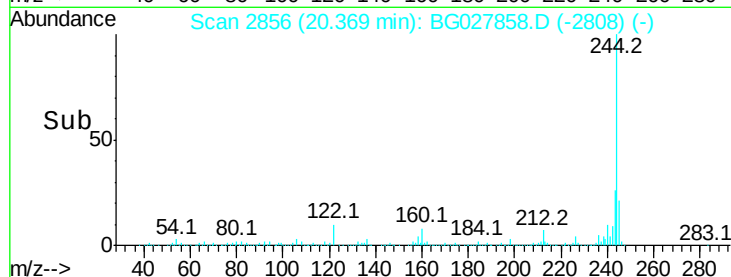
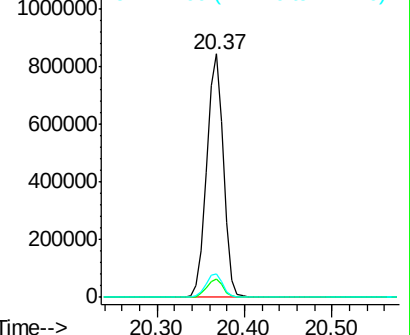
Ion	Ratio	Lower	Upper
244	100		
212	7.3	10.0	15.0#
122	9.7	8.6	12.8



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: 25.73 min Scan# 3768

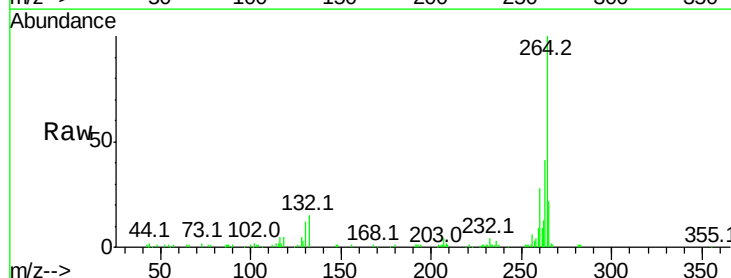
Delta R.T. -0.06 min

Lab File: BG027858.D

Acq: 5 Jul 2017 21:48

Tgt Ion:264 Resp: 130479

Ion	Ratio	Lower	Upper
264	100		
260	28.4	21.8	32.8
265	22.3	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

