

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
 Data File : BG027867.D
 Acq On : 7 Jul 2017 12:07
 Operator : SJ/JU
 Sample : I4049-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-12000RE

Quant Time: Jul 10 04:07:17 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	8.43	152	46081	20.00	ng	-0.05
21) Naphthalene-d8	11.25	136	185294	20.00	ng	-0.04
38) Acenaphthene-d10	15.03	164	42217	20.00	ng	-0.04
63) Phenanthrene-d10	17.78	188	190540	20.00	ng	-0.04
75) Chrysene-d12	22.12	240	66140	20.00	ng	-0.05
86) Perylene-d12	0.00	264	0m	20.00	ng	-25.79
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	331415	110.75	ng	-0.05
7) Phenol-d6	7.58	99	217471	47.57	ng	-0.04
23) Nitrobenzene-d5	9.59	82	298570	89.82	ng	-0.05
41) 2,4,6-Tribromophenol	16.51	330	221754	382.96	ng	-0.04
44) 2-Fluorobiphenyl	13.65	172	744304	251.79	ng	-0.04
78) Terphenyl-d14	20.36	244	842200	298.52	ng	-0.03

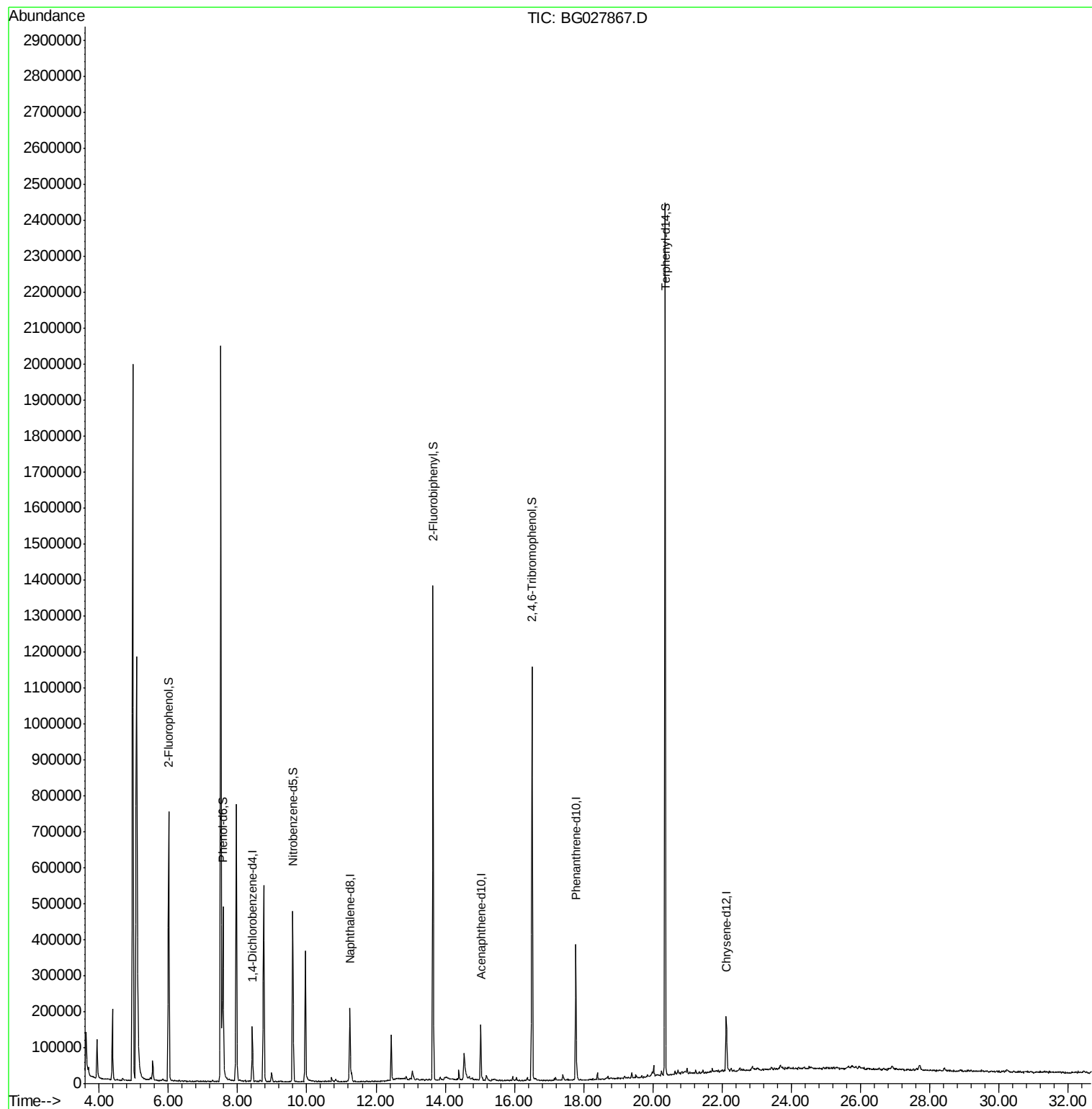
Target Compounds	Qvalue
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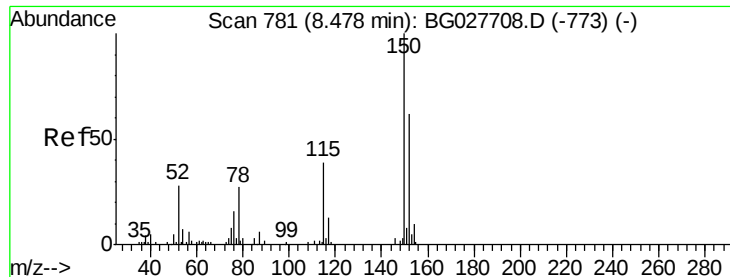
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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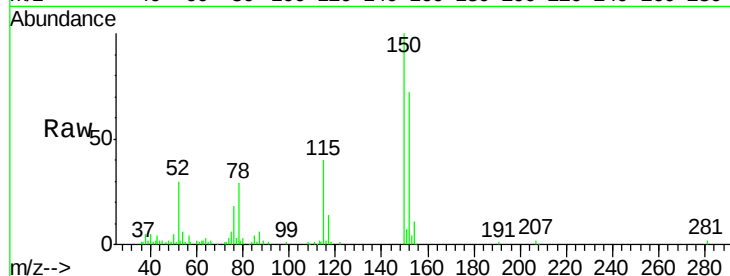


#1

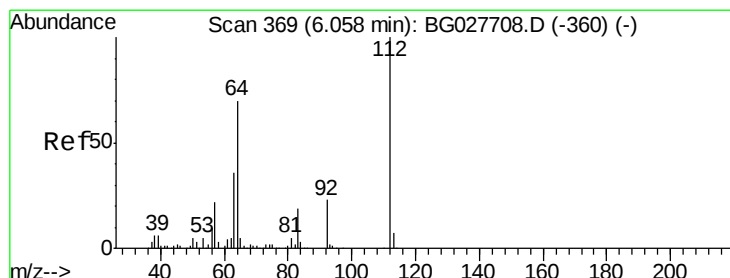
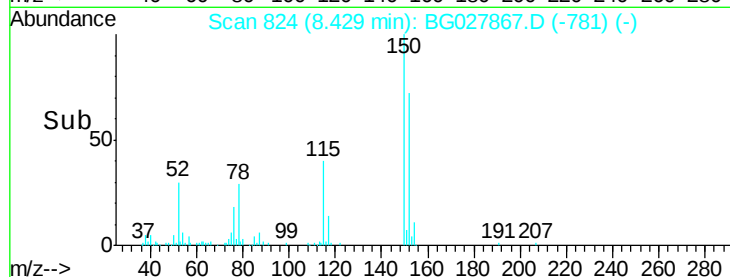
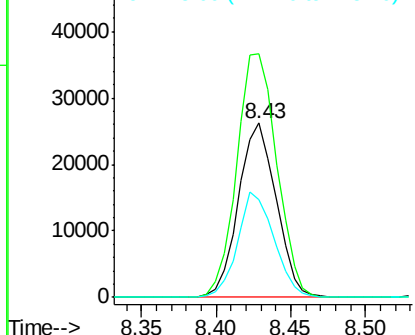
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.43 min Scan# 824
Delta R.T. -0.05 min
Lab File: BG027867.D
Acq: 7 Jul 2017 12:07

Instrument :
BNA_G
ClientSampleId :
RO-72-12000RE

Tgt Ion:152 Resp: 46081
Ion Ratio Lower Upper
152 100
150 139.7 114.0 171.0
115 55.8 48.1 72.1



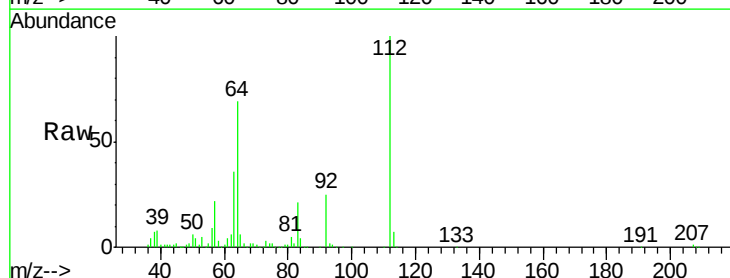
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



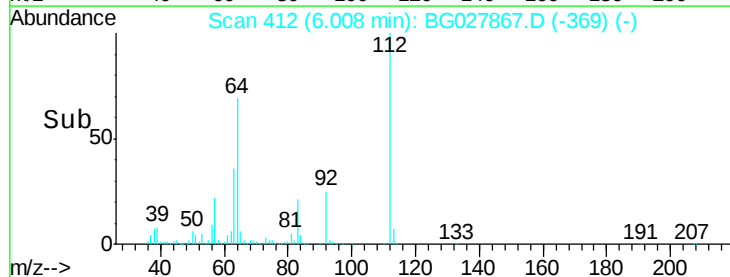
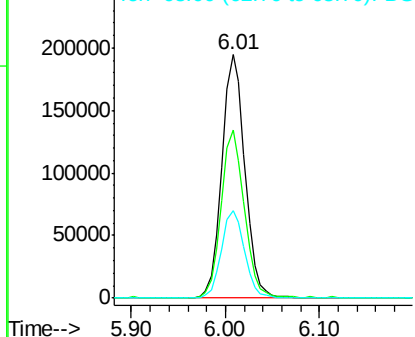
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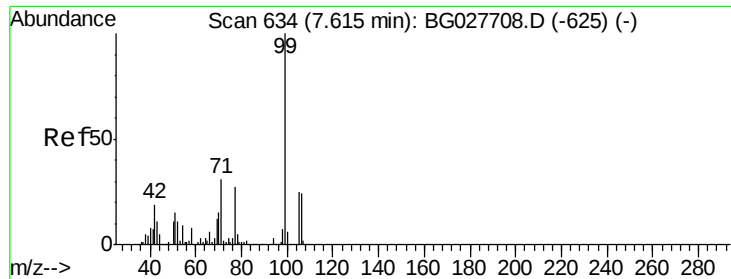
2-Fluorophenol
Concen: 110.750 ng
RT: 6.01 min Scan# 412
Delta R.T. -0.05 min
Lab File: BG027867.D
Acq: 7 Jul 2017 12:07

Tgt Ion:112 Resp: 331415
Ion Ratio Lower Upper
112 100
64 68.9 61.8 92.6
63 36.1 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: 47.571 ng

RT: 7.58 min Scan# 679

Delta R.T. -0.04 min

Lab File: BG027867.D

Acq: 7 Jul 2017 12:07

Instrument :

BNA_G

ClientSampleId :

RO-72-12000RE

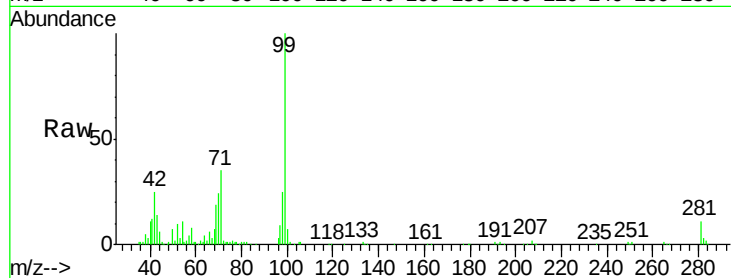
Tgt Ion: 99 Resp: 217471

Ion Ratio Lower Upper

99 100

42 24.7 20.5 30.7

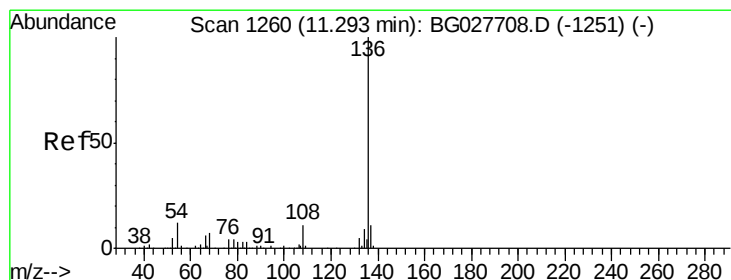
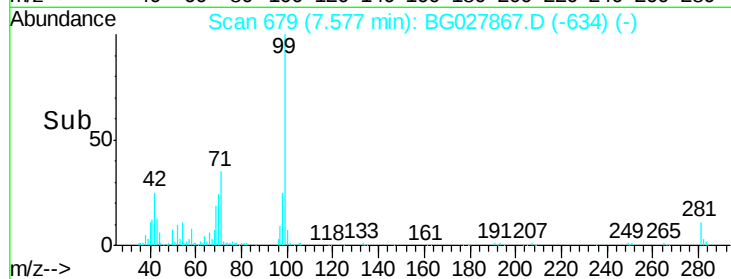
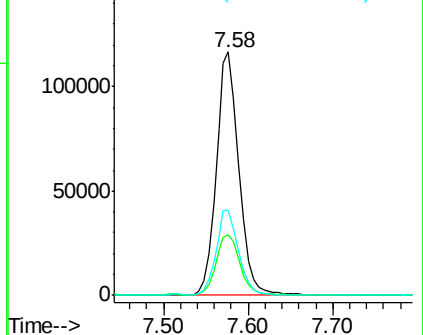
71 35.0 37.6 56.4#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.25 min Scan# 1304

Delta R.T. -0.04 min

Lab File: BG027867.D

Acq: 7 Jul 2017 12:07

Tgt Ion: 136 Resp: 185294

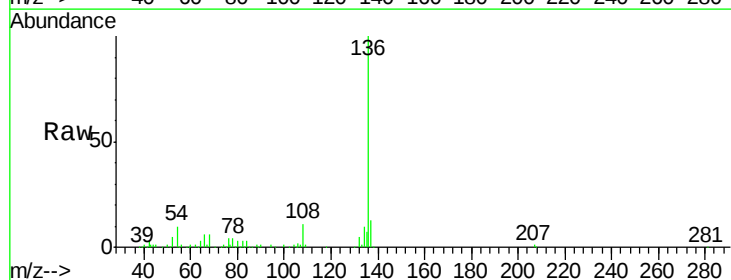
Ion Ratio Lower Upper

136 100

137 12.5 8.9 13.3

54 10.3 9.3 13.9

68 5.7 5.1 7.7

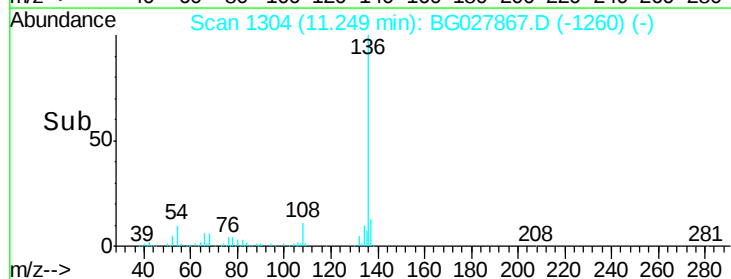
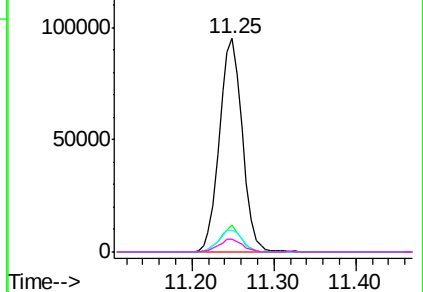


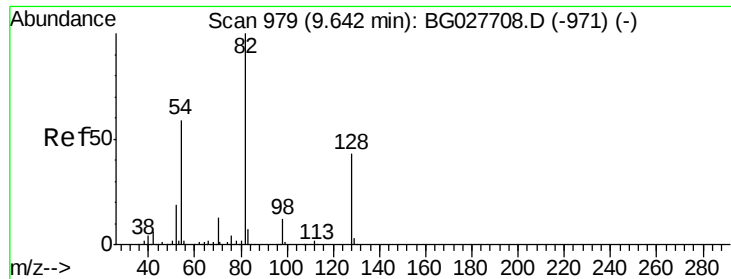
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

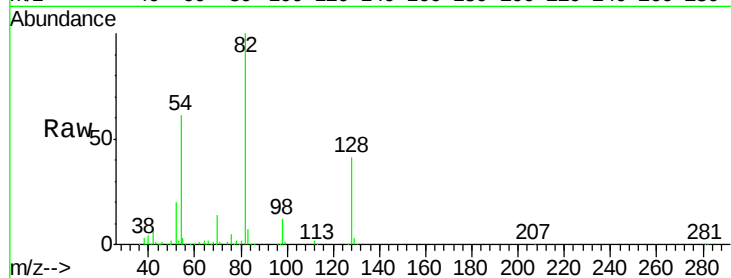




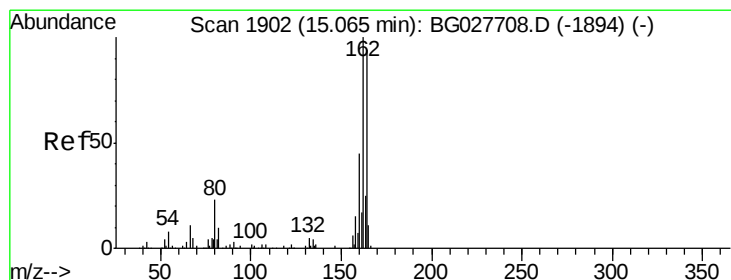
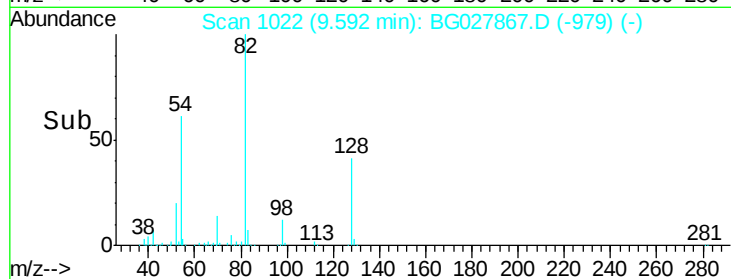
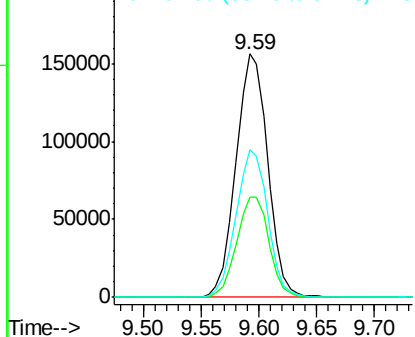
#23
 Nitrobenzene-d5
 Concen: 89.817 ng
 RT: 9.59 min Scan# 1022
 Delta R.T. -0.05 min
 Lab File: BG027867.D
 Acq: 7 Jul 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-12000RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	26.4	39.6#
54	60.7	49.4	74.2

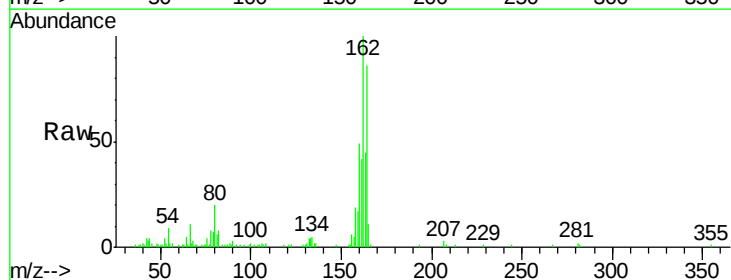


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

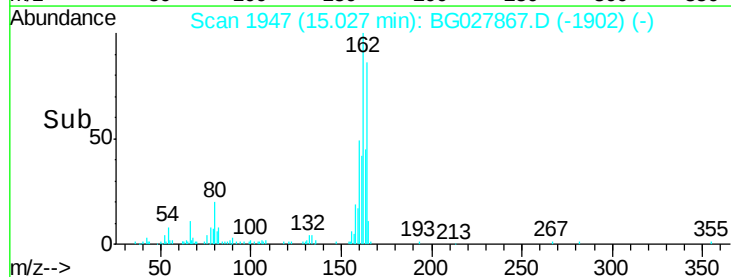
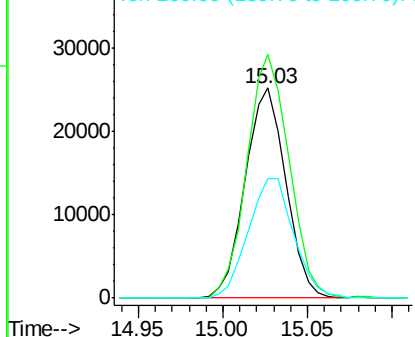


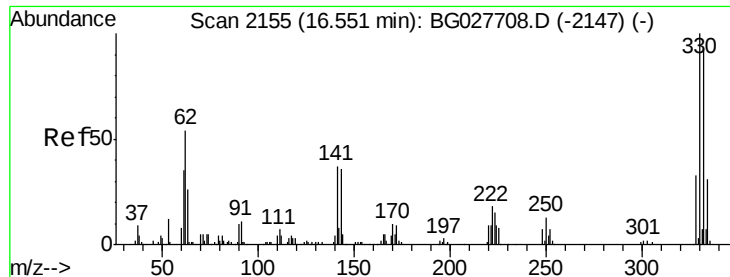
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.03 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: BG027867.D
 Acq: 7 Jul 2017 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	115.8	85.1	127.7
160	56.7	34.7	52.1#



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

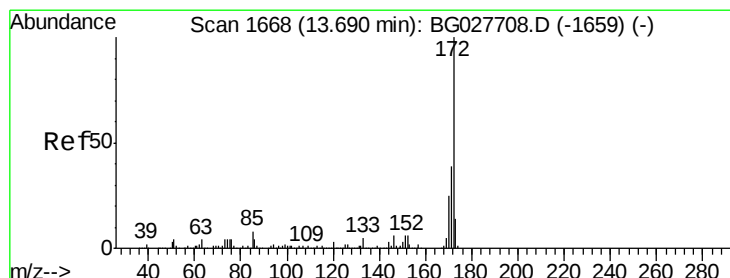
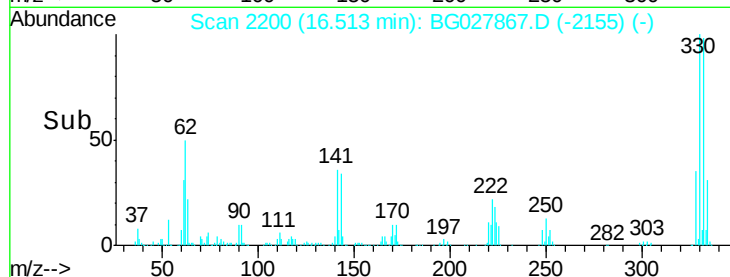
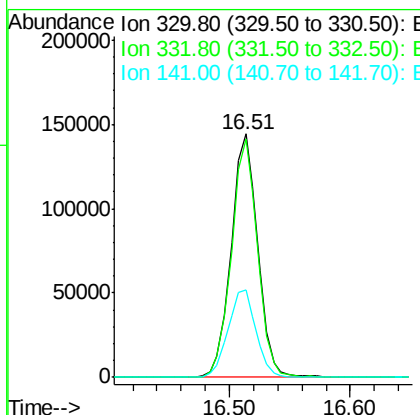
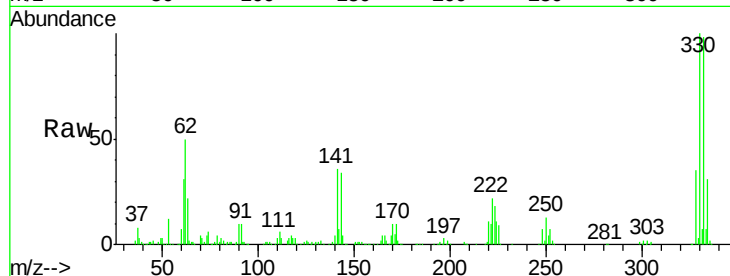




#41
 2,4,6-Tribromophenol
 Concen: 382.960 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.04 min
 Lab File: BG027867.D
 Acq: 7 Jul 2017 12:07

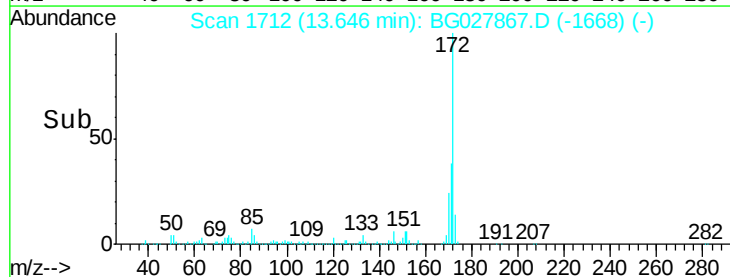
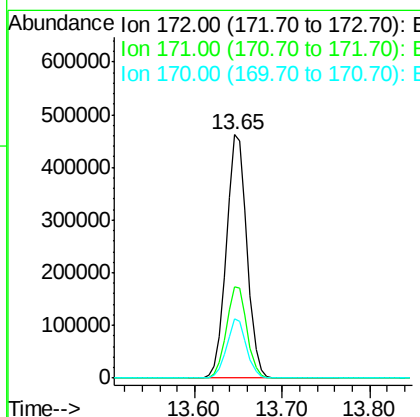
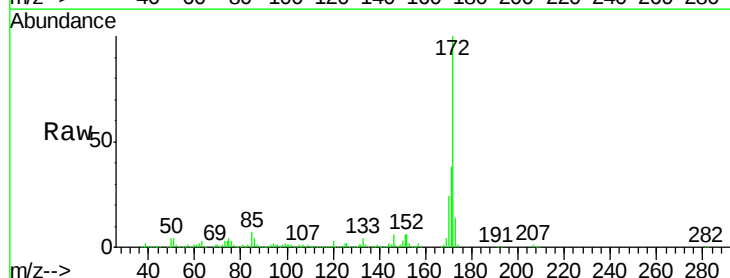
Instrument :
 BNA_G
 ClientSampleId :
 RO-72-12000RE

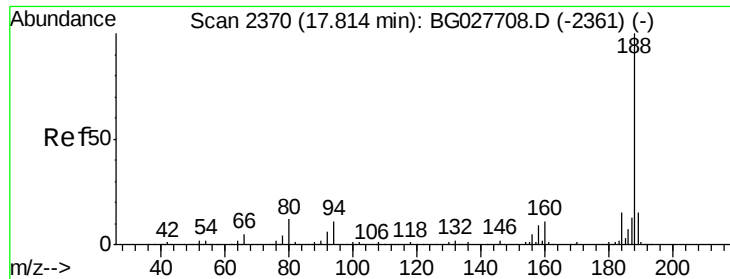
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	38.0	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 251.792 ng
 RT: 13.65 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027867.D
 Acq: 7 Jul 2017 12:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.3	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.78 min Scan# 2415

Delta R.T. -0.04 min

Lab File: BG027867.D

Acq: 7 Jul 2017 12:07

Instrument :

BNA_G

ClientSampleId :

RO-72-12000RE

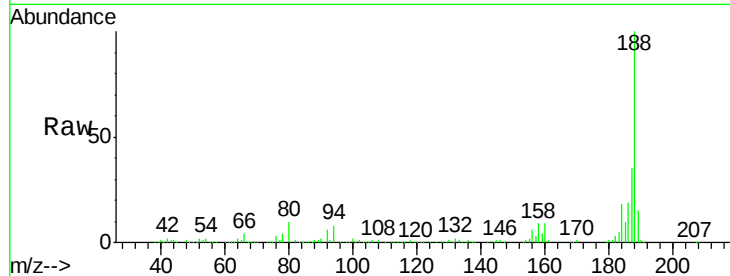
Tgt Ion:188 Resp: 190540

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.8

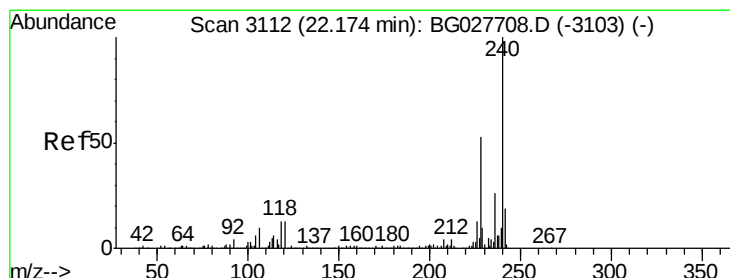
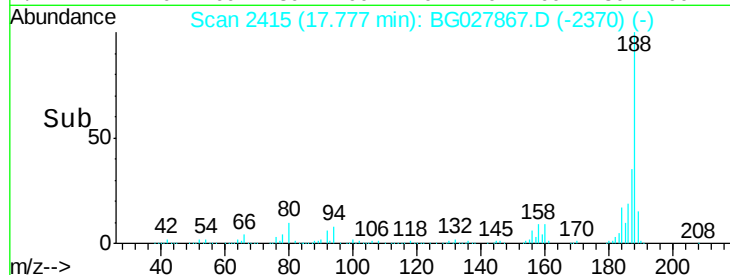
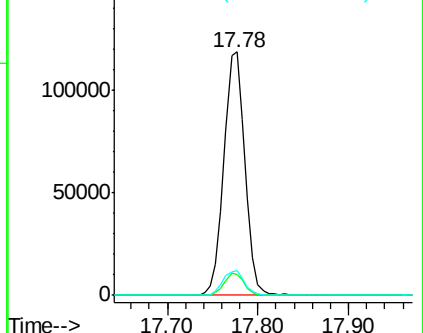
80 10.1 7.5 11.3



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: 20.000 ng

RT: 22.12 min Scan# 3155

Delta R.T. -0.05 min

Lab File: BG027867.D

Acq: 7 Jul 2017 12:07

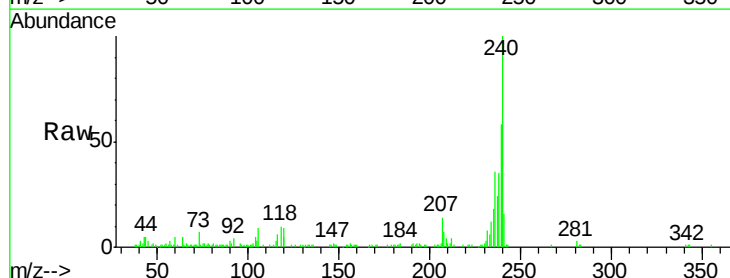
Tgt Ion:240 Resp: 66140

Ion Ratio Lower Upper

240 100

120 8.6 5.7 8.5#

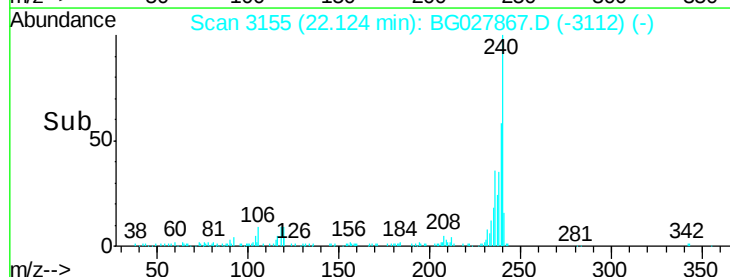
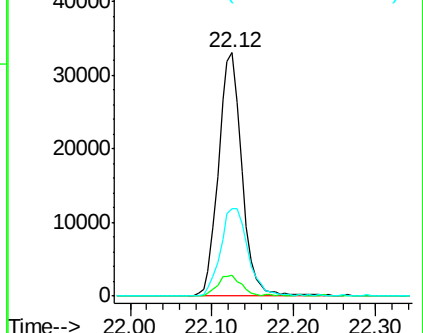
236 35.7 22.2 33.4#

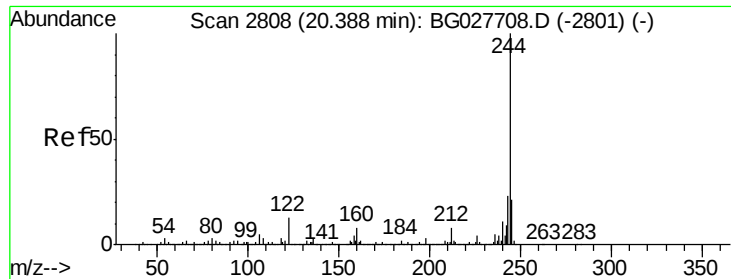


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

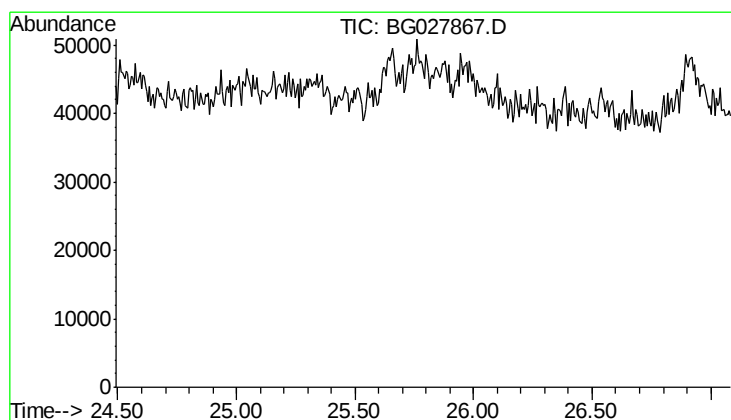
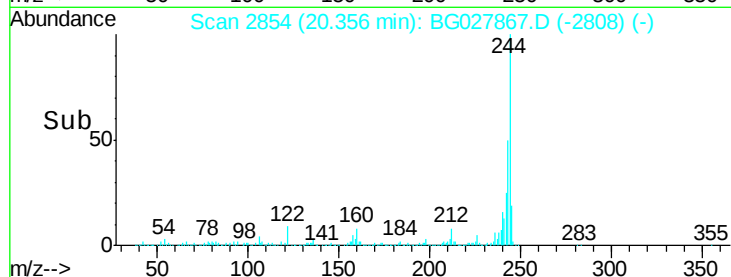
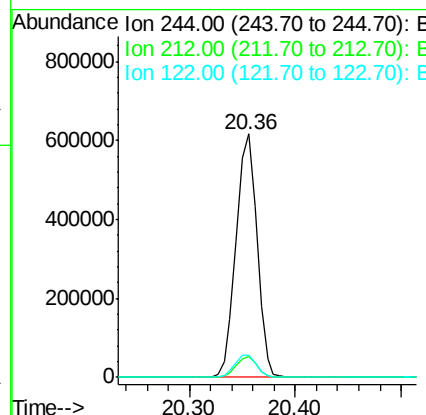
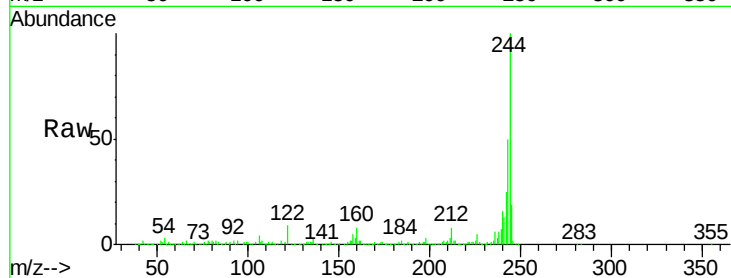




#78
 Terphenyl-d14
 Concen: 298.522 ng
 RT: 20.36 min Scan# 2854
 Delta R.T. -0.03 min
 Lab File: BG027867.D
 Acq: 7 Jul 2017 12:07

Instrument :
 BNA_G
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 RO-72-12000RE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	9.0	8.6	12.8



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 25.79 min
 Lab File: BG027867.D
 Acq: 7 Jul 2017 12:07

Tgt Ion	Sig	Exp Ratio
264	100	
260	27.3	
265	22.8	

