

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030217\
 Data File : BG026030.D
 Acq On : 2 Mar 2017 15:19
 Operator : SJ/MA
 Sample : I2009-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 022417-PRRT-F-D-M

Quant Time: Mar 02 15:53:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

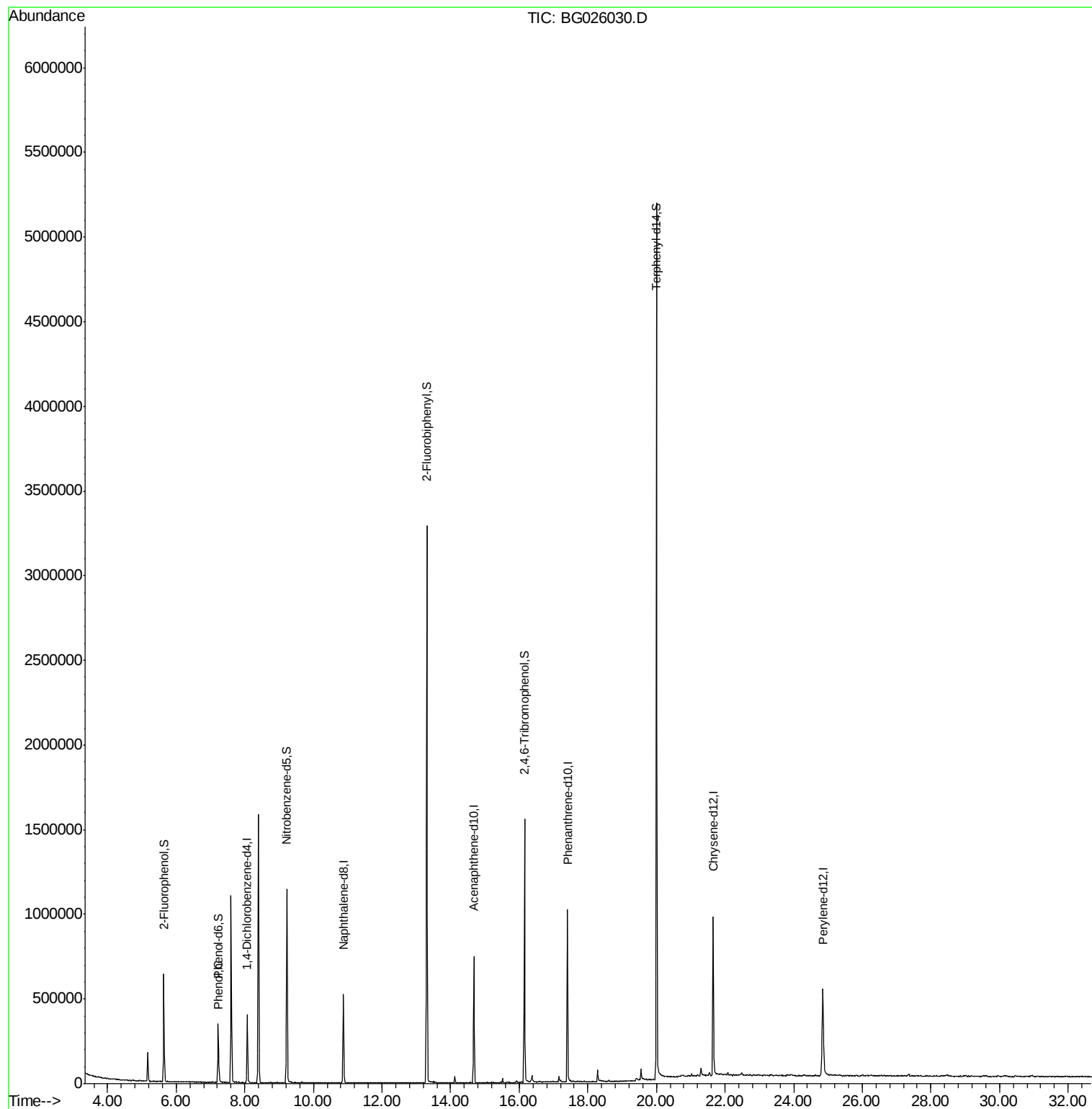
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	117095	20.00	ng	-0.02
21) Naphthalene-d8	10.88	136	490492	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	274672	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	650331	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	593607	20.00	ng	-0.03
86) Perylene-d12	24.85	264	557185	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	300222	44.64	ng	-0.01
7) Phenol-d6	7.22	99	236565	23.77	ng	-0.02
23) Nitrobenzene-d5	9.22	82	726524	93.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	290627	114.52	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1785649	113.60	ng	-0.02
78) Terphenyl-d14	20.00	244	2201466	90.20	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	28405	2.63	ng	Qvalue 77

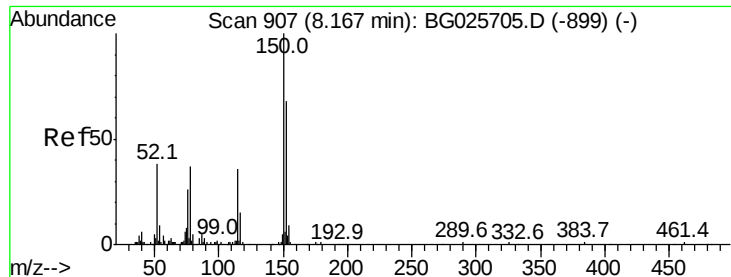
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

Lab File: BG026030.D

Acq: 2 Mar 2017 15:19

Instrument :

BNA_G

ClientSampleId :

022417-PRRT-F-D-M

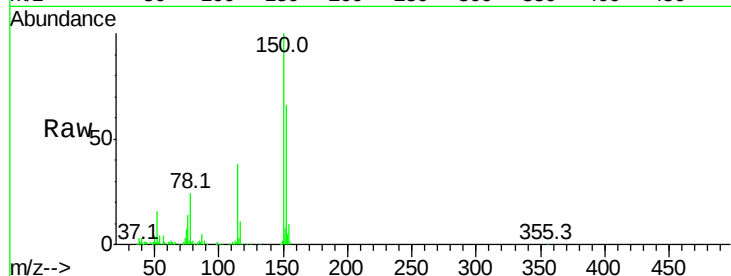
Tot Ion:152 Resp: 117095

Ion Ratio Lower Upper

152 100

150 150.7 114.0 171.0

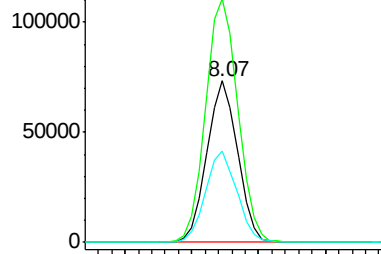
115 56.9 48.1 72.1



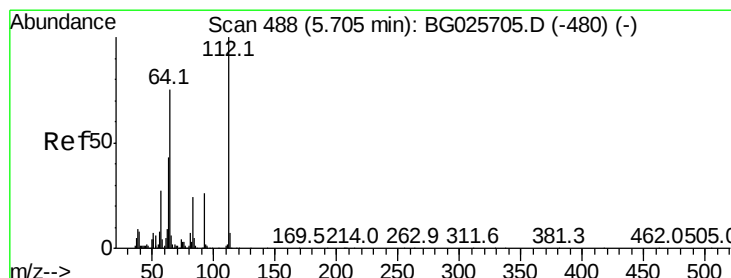
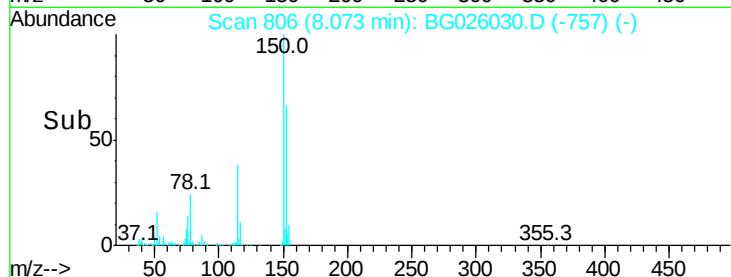
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 44.64 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026030.D

Acq: 2 Mar 2017 15:19

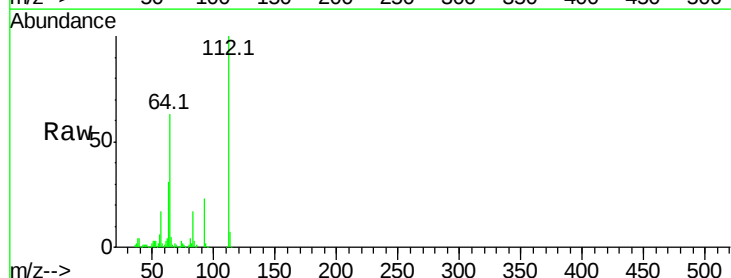
Tgt Ion:112 Resp: 300222

Ion Ratio Lower Upper

112 100

64 62.5 61.8 92.6

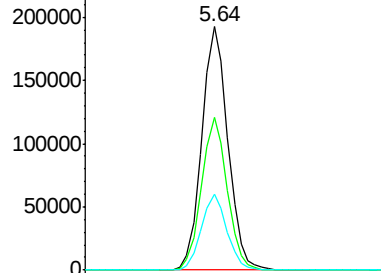
63 31.4 37.2 55.8#



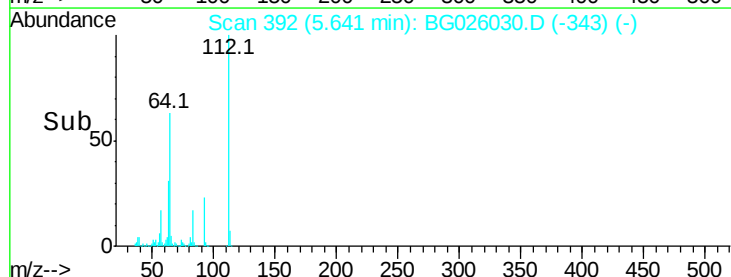
Abundance Ion 112.00 (111.70 to 112.70): E

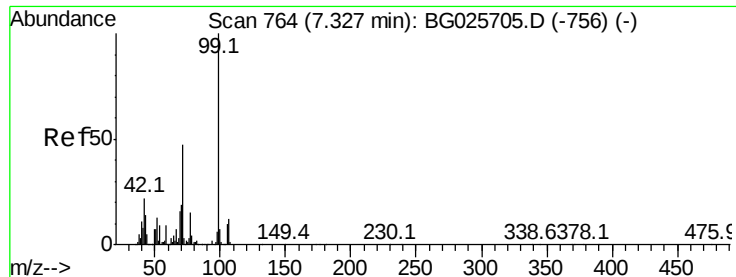
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 23.77 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.02 min

Lab File: BG026030.D

Acq: 2 Mar 2017 15:19

Instrument :

BNA_G

ClientSampleId :

022417-PRRT-F-D-M

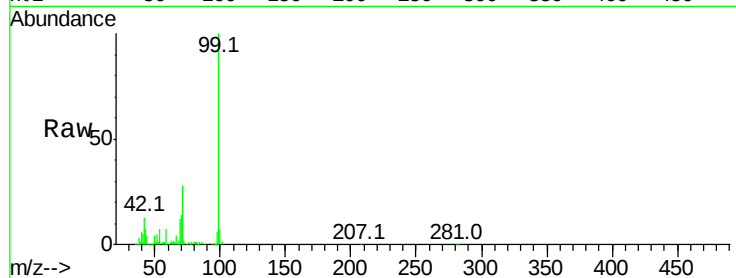
Tot Ion: 99 Resp: 236565

Ion Ratio Lower Upper

99 100

42 12.8 20.5 30.7#

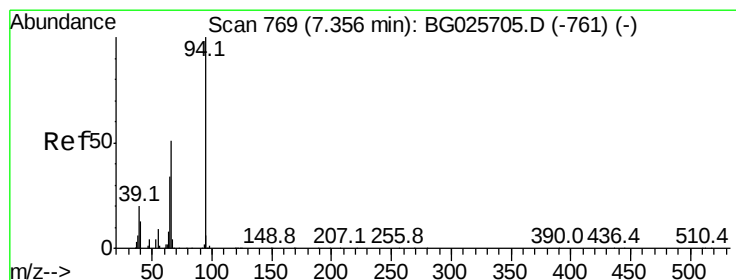
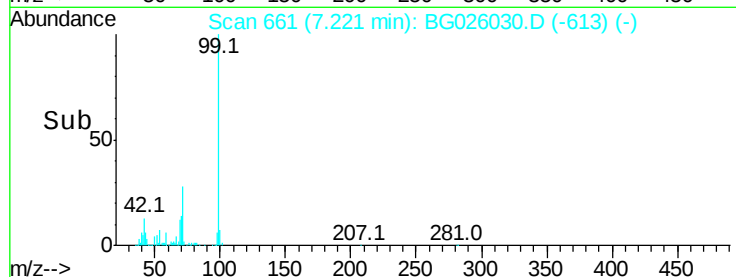
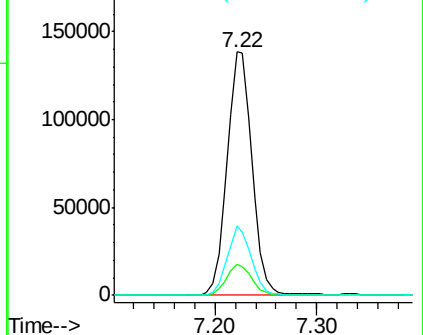
71 28.4 37.6 56.4#



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



#10

Phenol

Concen: 2.63 ng

RT: 7.24 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG026030.D

Acq: 2 Mar 2017 15:19

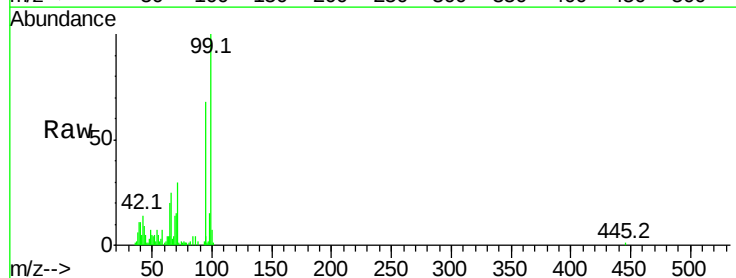
Tgt Ion: 94 Resp: 28405

Ion Ratio Lower Upper

94 100

65 28.6 20.6 60.6

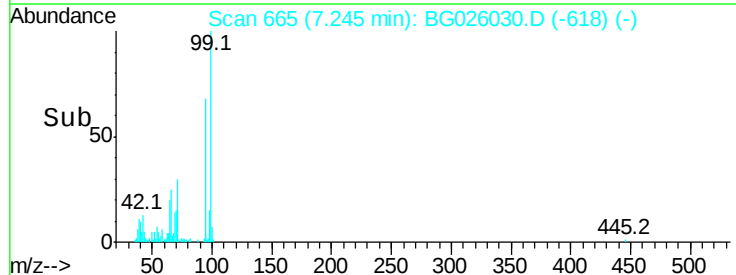
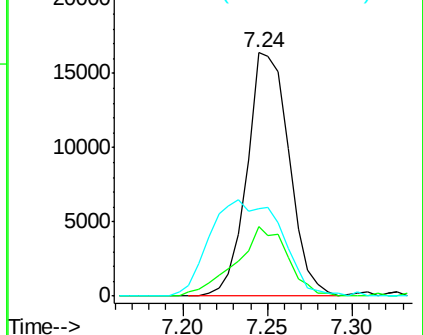
66 36.2 35.5 75.5

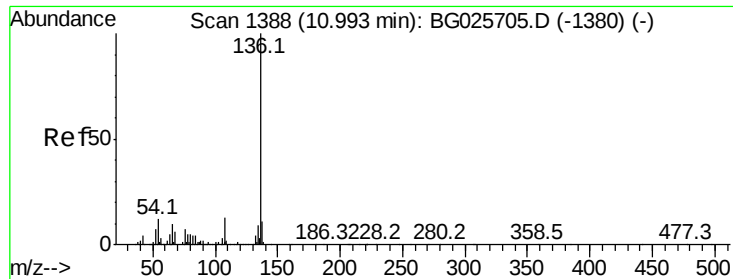


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

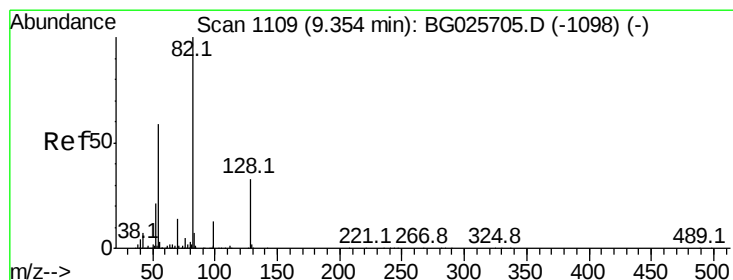
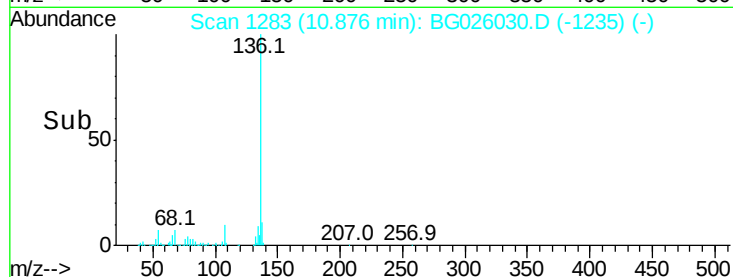
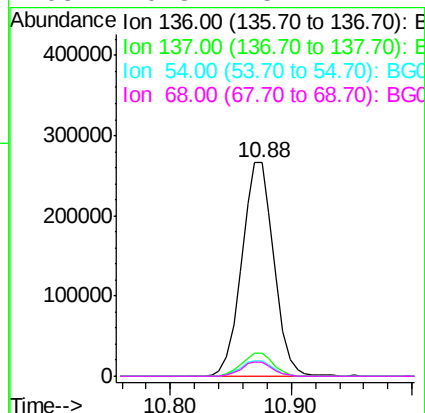
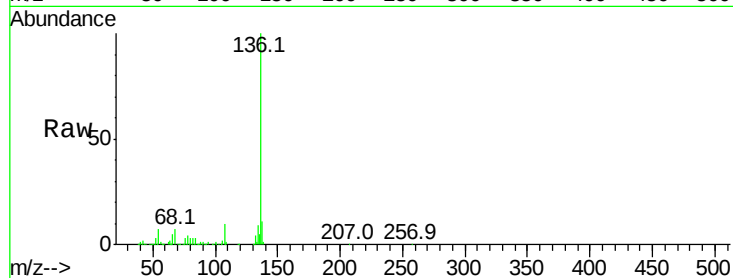




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG026030.D
Acq: 2 Mar 2017 15:19

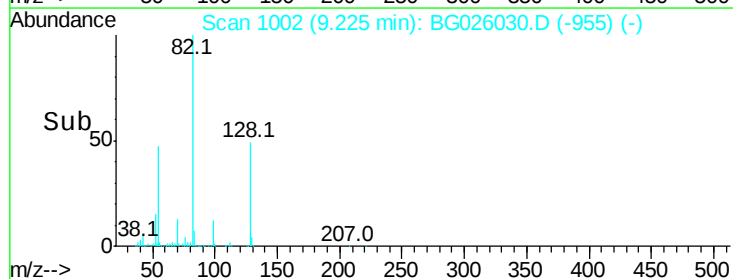
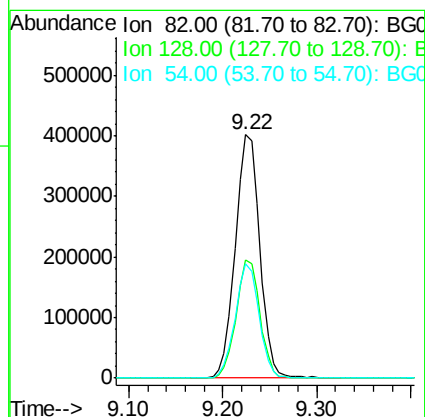
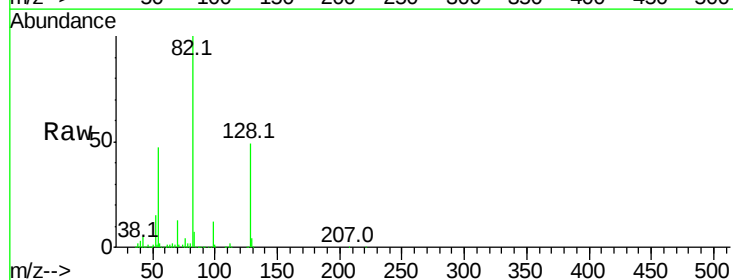
Instrument :
BNA_G
ClientSampleId :
022417-PRRT-F-D-M

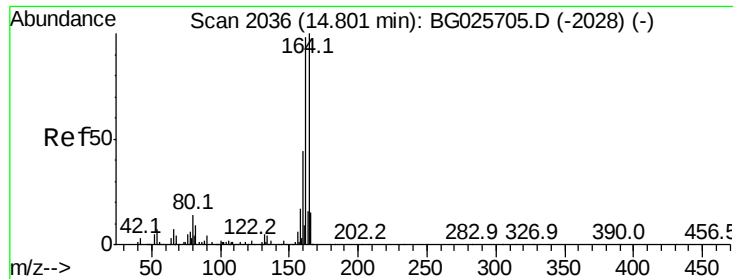
Tot Ion:	136	Resp:	490492
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	9.3	13.9#
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 93.48 ng
RT: 9.22 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG026030.D
Acq: 2 Mar 2017 15:19

Tgt Ion:	82	Resp:	726524
Ion	Ratio	Lower	Upper
82	100		
128	48.8	26.4	39.6#
54	46.9	49.4	74.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG026030.D

Acq: 2 Mar 2017 15:19

Instrument :

BNA_G

ClientSampleId :

022417-PRRT-F-D-M

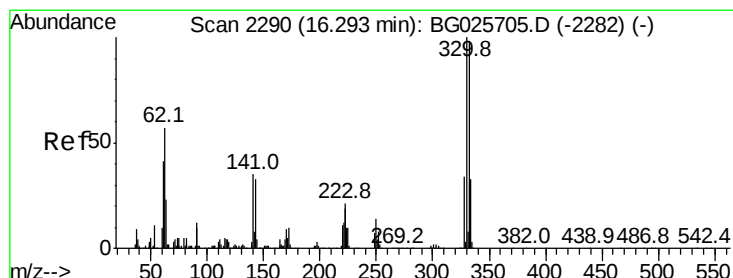
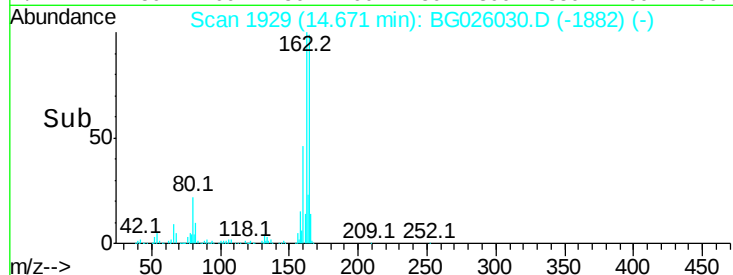
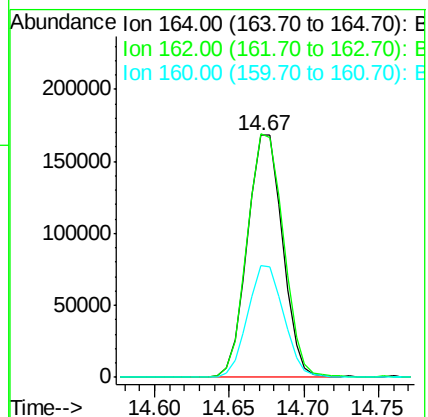
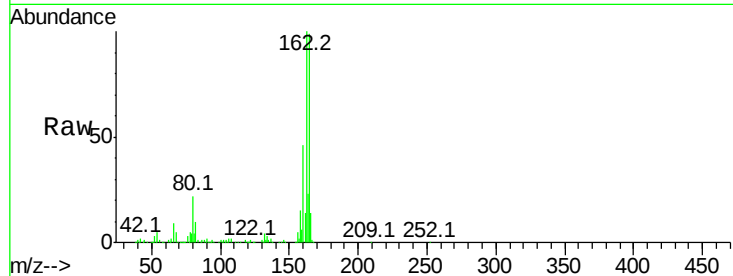
Tot Ion:164 Resp: 274672

Ion Ratio Lower Upper

164 100

162 100.5 85.1 127.7

160 46.1 34.7 52.1



#41

2,4,6-Tribromophenol

Concen: 114.52 ng

RT: 16.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BG026030.D

Acq: 2 Mar 2017 15:19

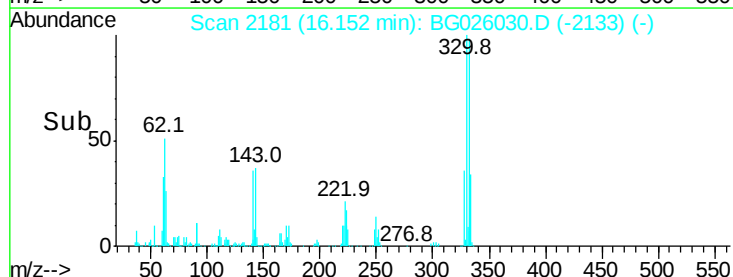
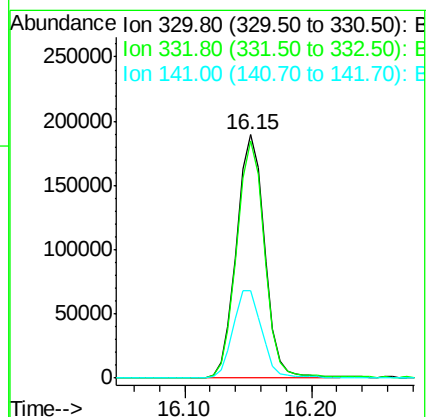
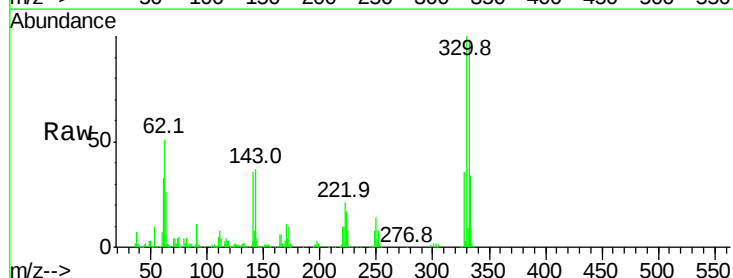
Tgt Ion:330 Resp: 290627

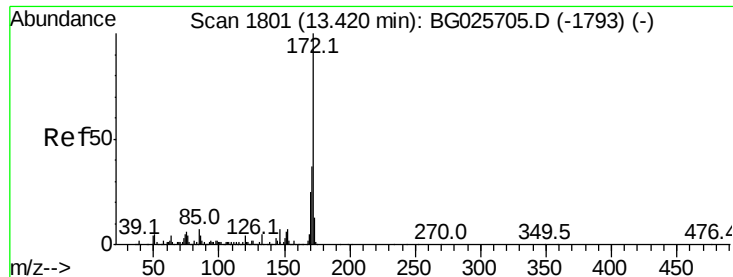
Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 37.3 32.1 48.1



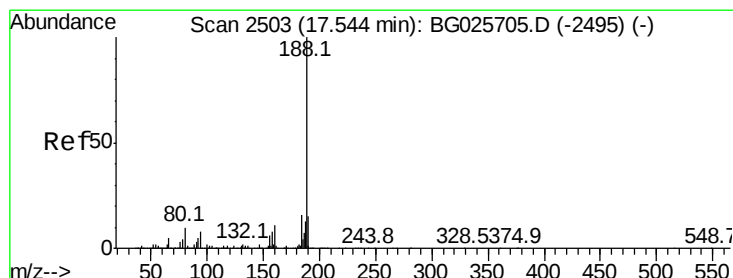
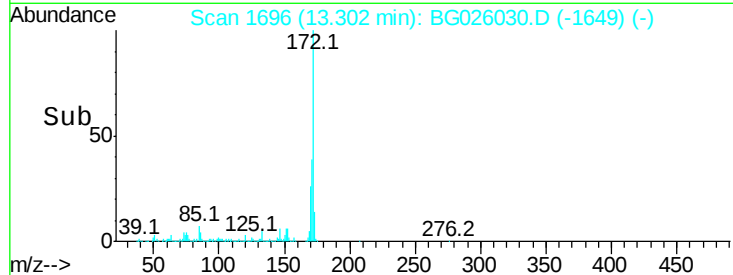
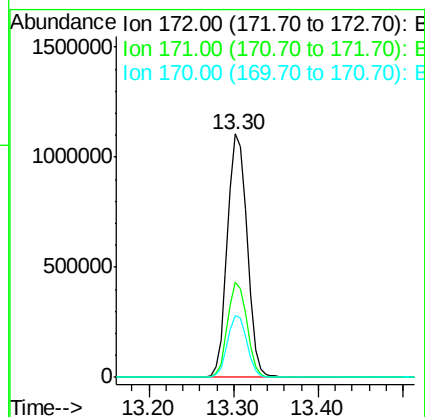
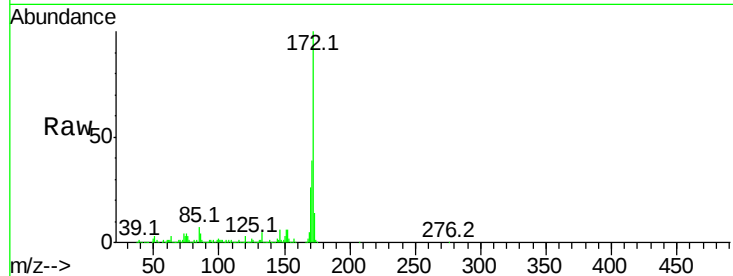


#44
 2-Fluorobiphenyl
 Concen: 113.60 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026030.D
 Acq: 2 Mar 2017 15:19

Instrument :
 BNA_G
 ClientSampleId :
 022417-PRRT-F-D-M

Tot Ion:172 Resp: 1785649

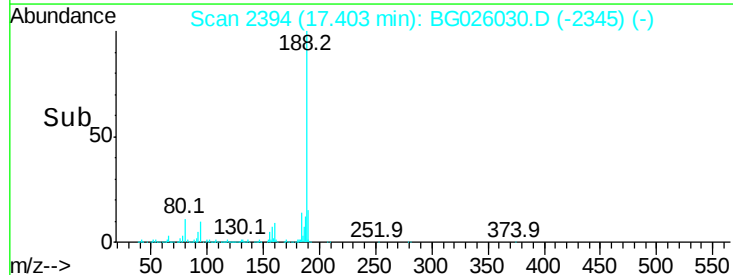
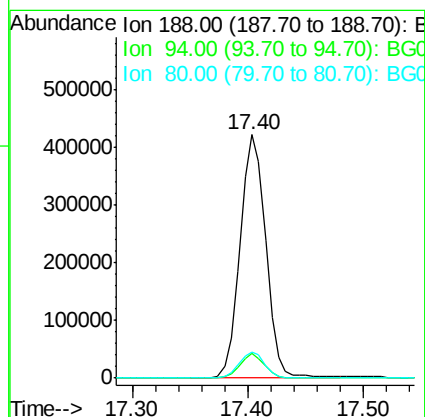
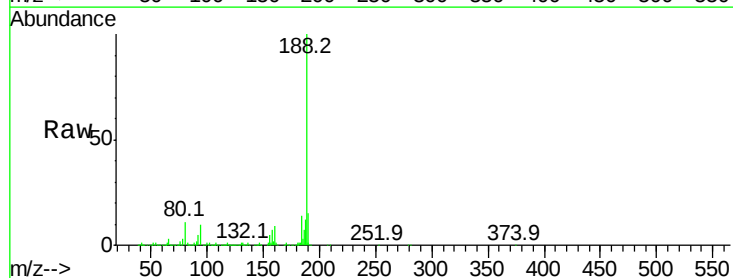
Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	25.6	21.8	32.6

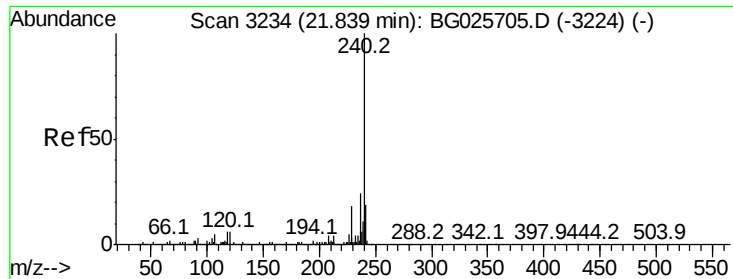


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.40 min Scan# 2394
 Delta R.T. -0.02 min
 Lab File: BG026030.D
 Acq: 2 Mar 2017 15:19

Tgt Ion:188 Resp: 650331

Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.8	8.8#
80	10.7	7.5	11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG026030.D

Acq: 2 Mar 2017 15:19

Instrument :

BNA_G

ClientSampleId :

022417-PRRT-F-D-M

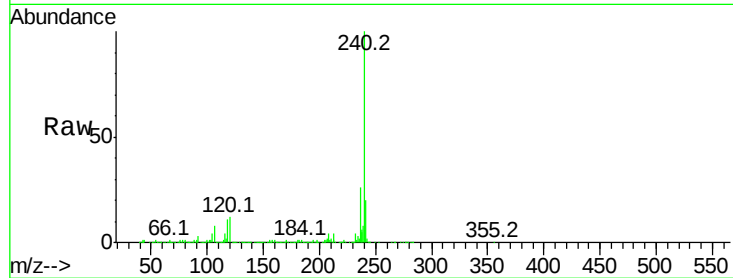
Tot Ion:240 Resp: 593607

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

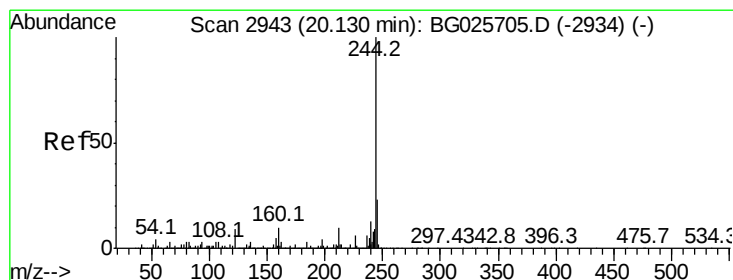
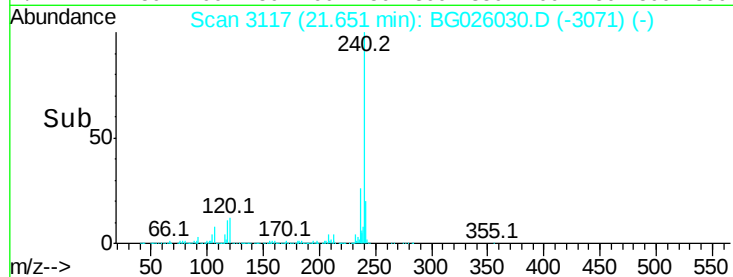
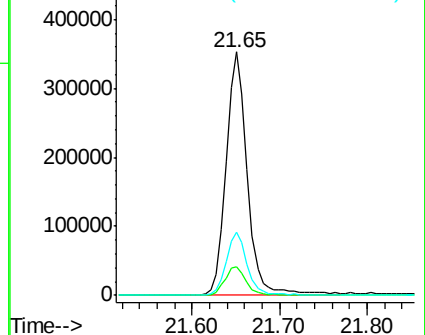
236 26.0 22.2 33.4



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: 90.20 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026030.D

Acq: 2 Mar 2017 15:19

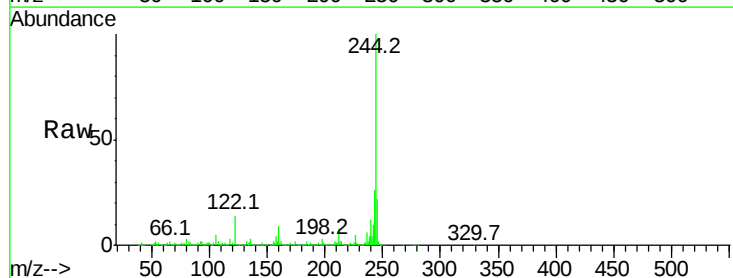
Tgt Ion:244 Resp: 2201466

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

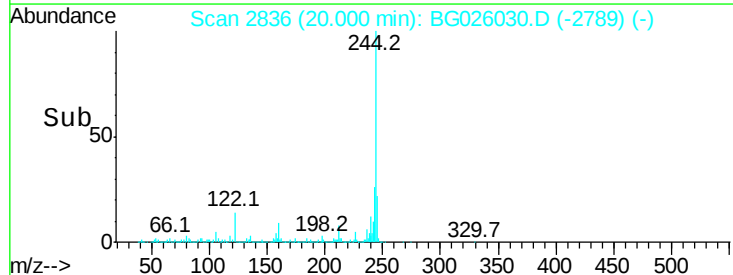
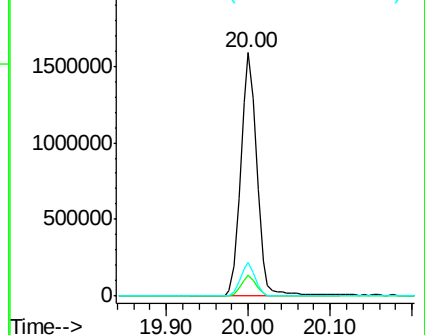
122 13.8 8.6 12.8#

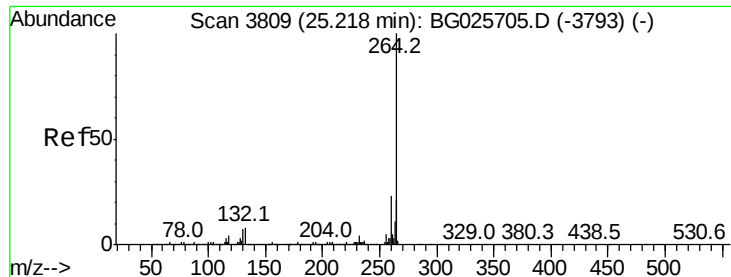


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3661
 Delta R.T. -0.04 min
 Lab File: BG026030.D
 Acq: 2 Mar 2017 15:19

Instrument :
 BNA_G
 ClientSampleId :
 022417-PRRT-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	23.6	18.2	27.4

