

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

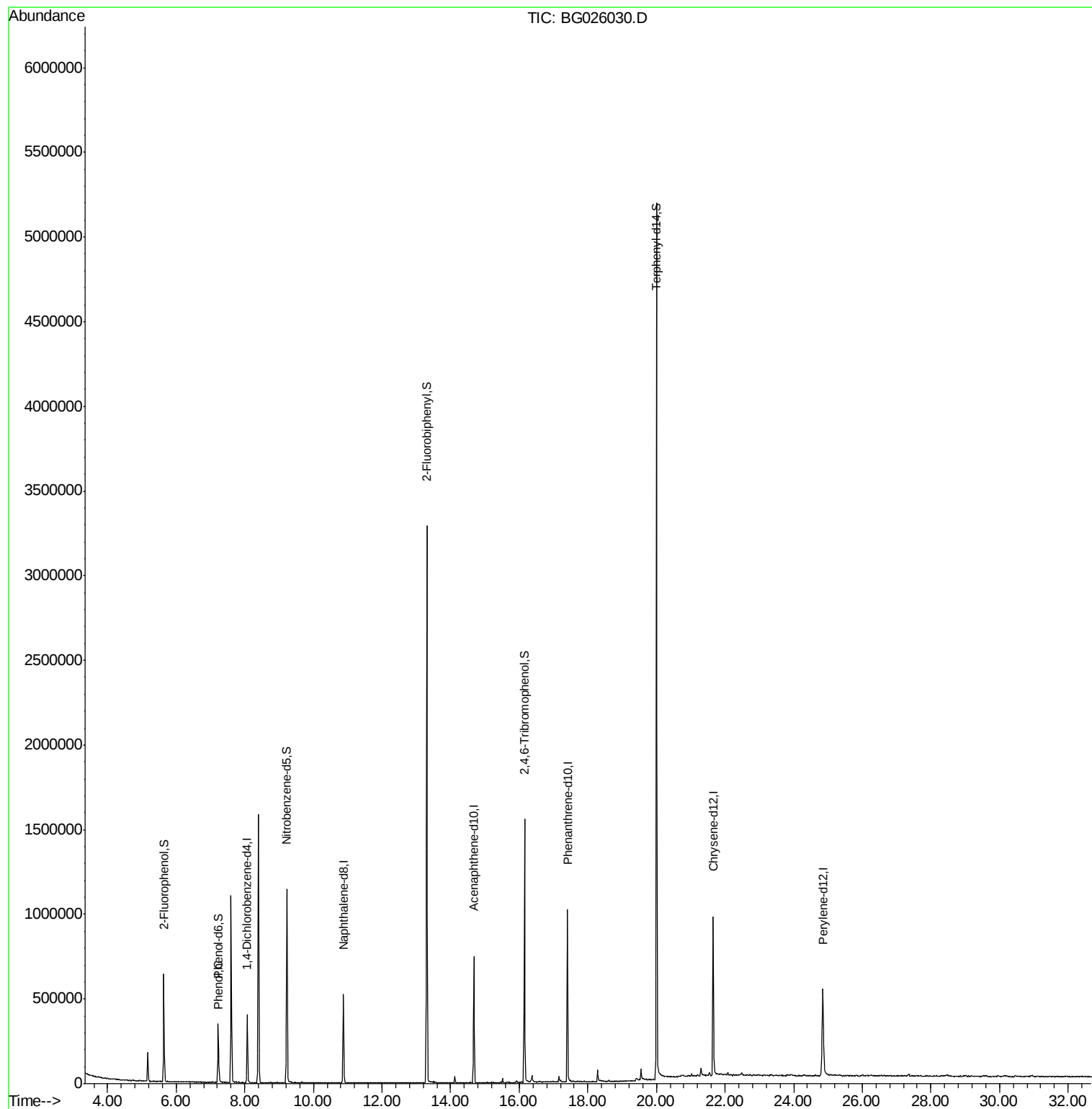
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	117095	20.00	ng	-0.02
21) Naphthalene-d8	10.88	136	490492	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	274672	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	650331	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	593607	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

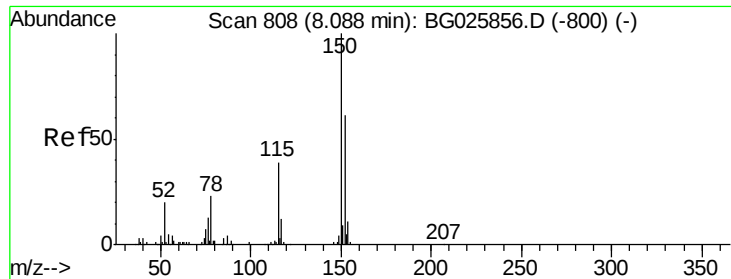
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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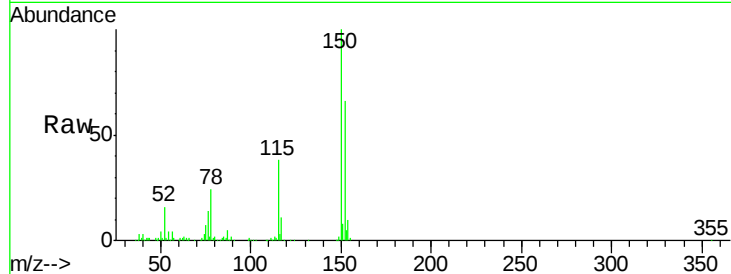


#1

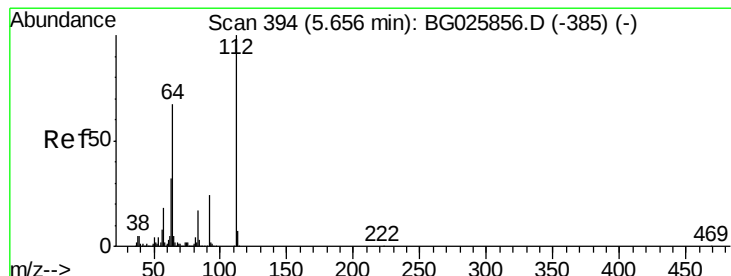
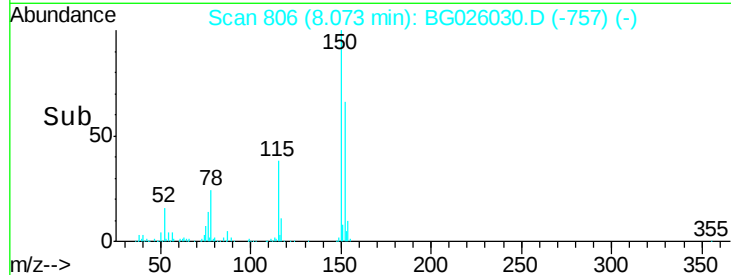
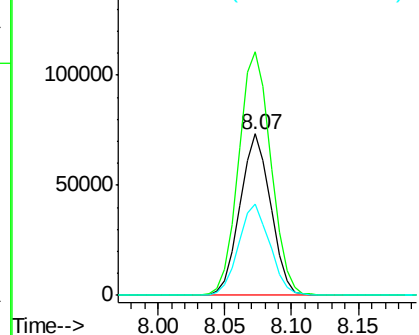
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 806
Delta R.T. -0.02 min
Lab File: BG026030.D
Acq: 2 Mar 2017 15:19

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.7	114.0	171.0
115	56.9	48.1	72.1



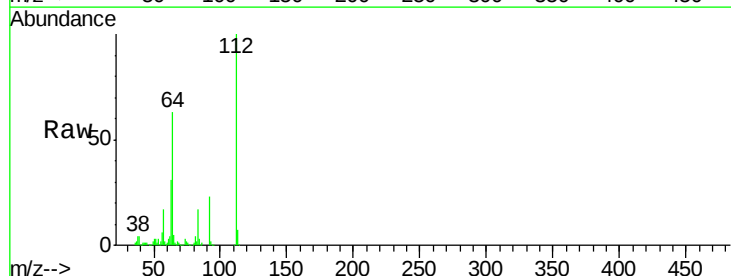
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



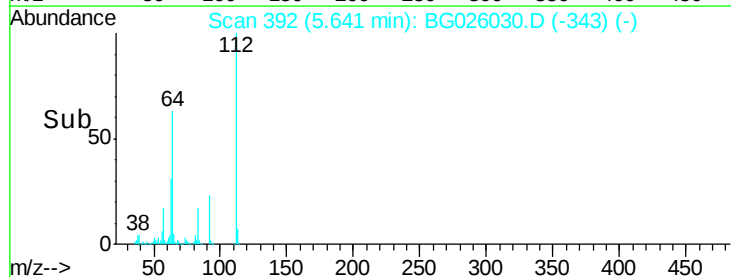
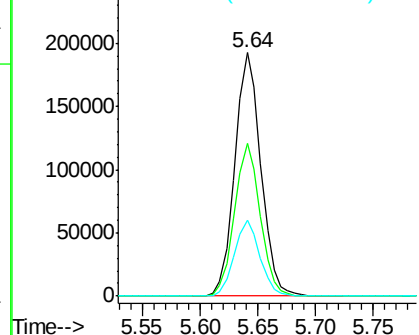
#5

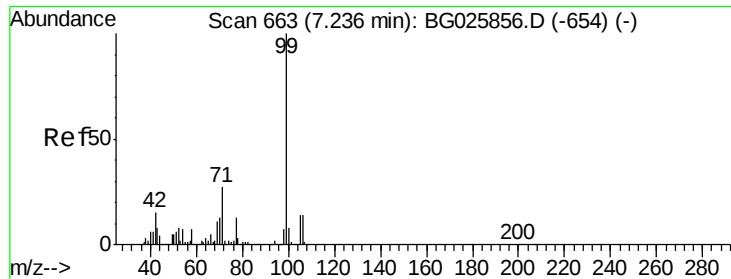
2-Fluorophenol
Concen: 44.64 ng
RT: 5.64 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG026030.D
Acq: 2 Mar 2017 15:19

Tgt Ion	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





#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

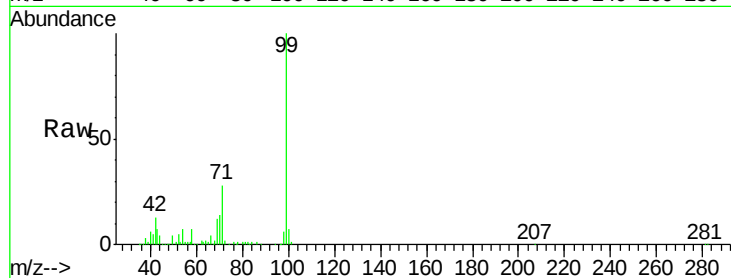
Tgt Ion: 99 Resp: 236565

Ion Ratio Lower Upper

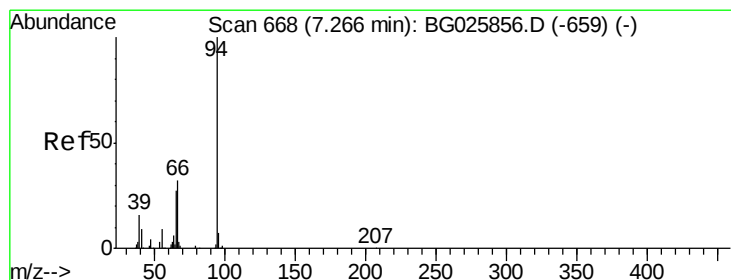
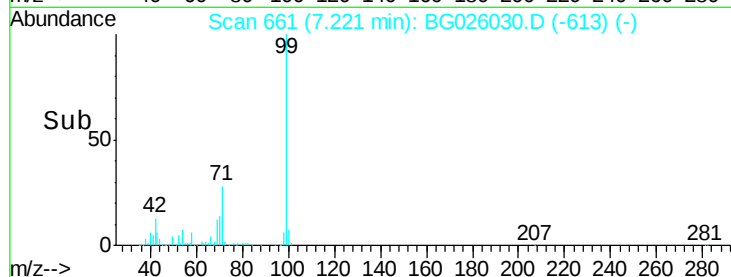
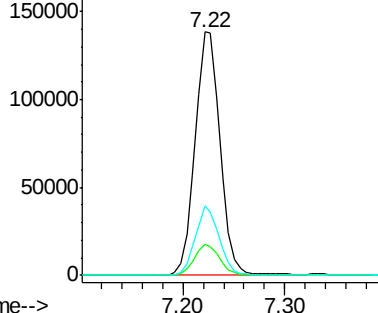
99 100

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

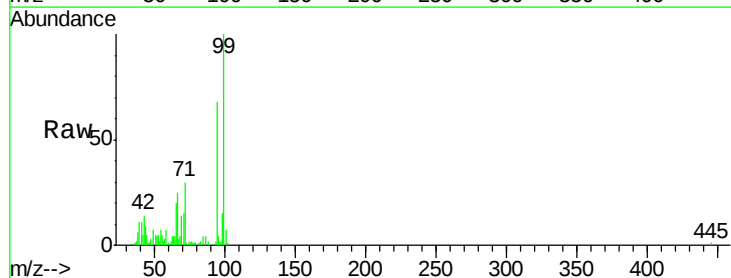
Tgt Ion: 94 Resp: 28405

Ion Ratio Lower Upper

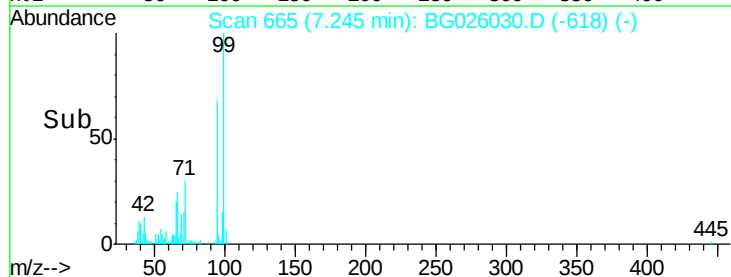
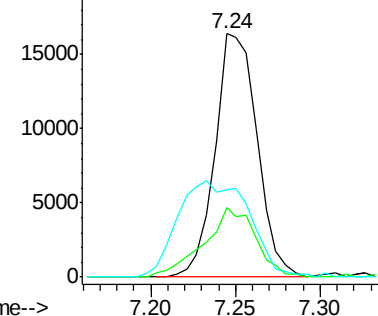
94 100

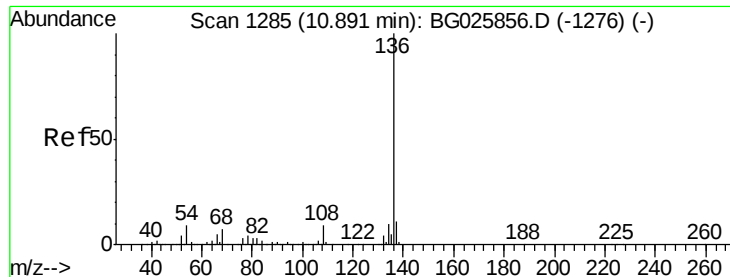
65 28.6 20.6 60.6

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

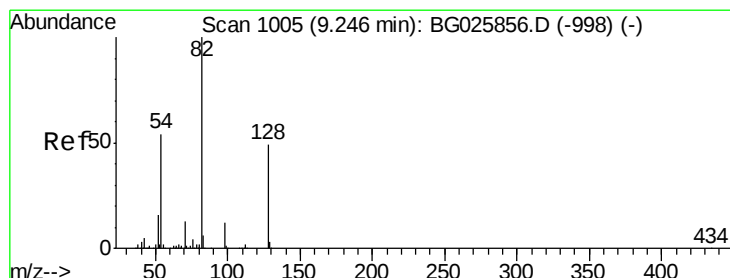
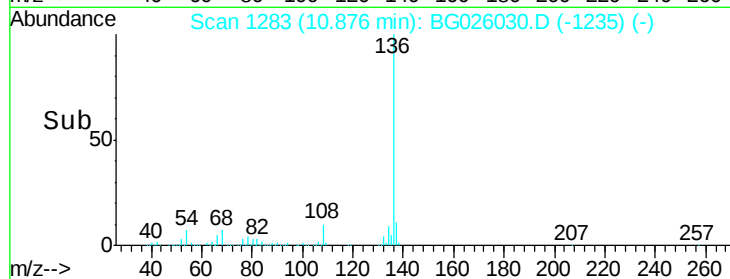
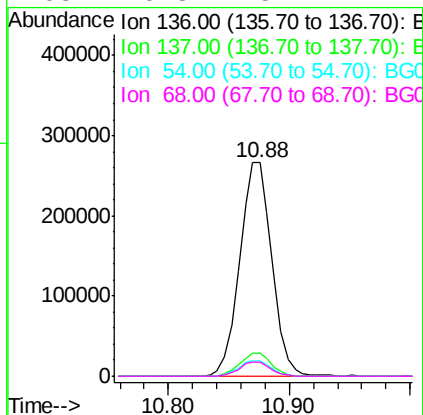
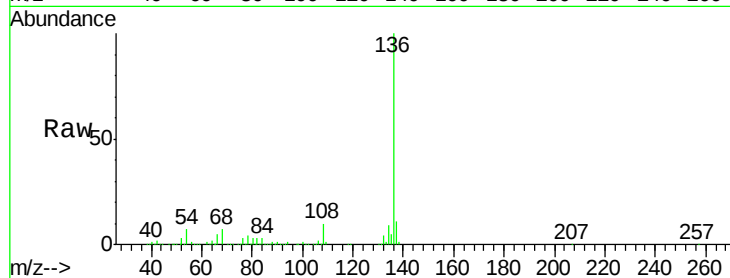




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG026030.D
Acq: 2 Mar 2017 15:19

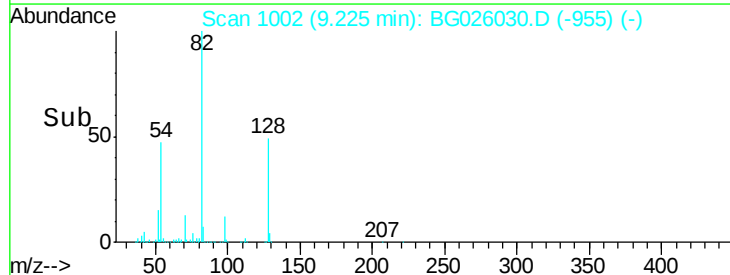
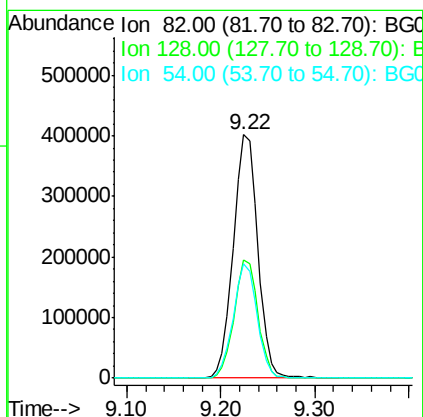
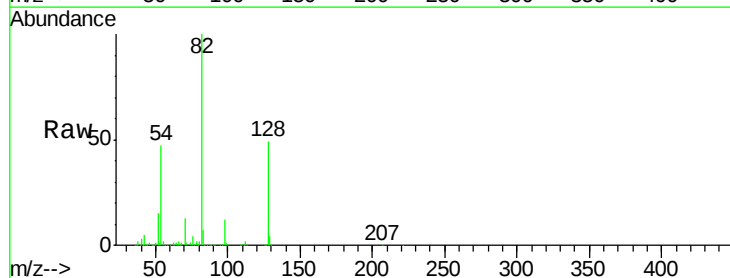
Instrument :
BNA_G
ClientSampleId :
022417-PRRT-F-D-M

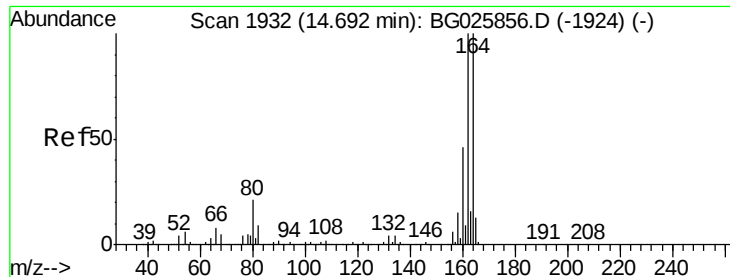
Tgt Ion:	136	Resp:	490492
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	9.3	13.9#
68	6.8	5.1	7.7



#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

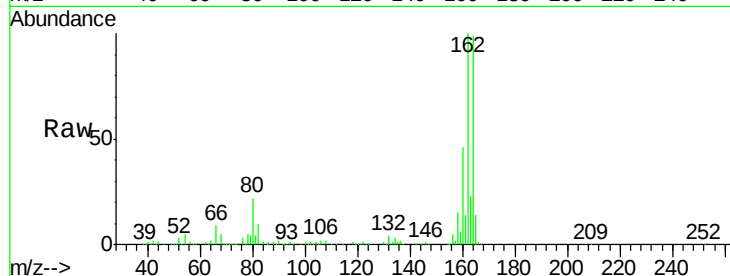
Tgt Ion:164 Resp: 274672

Ion Ratio Lower Upper

164 100

162 100.5 85.1 127.7

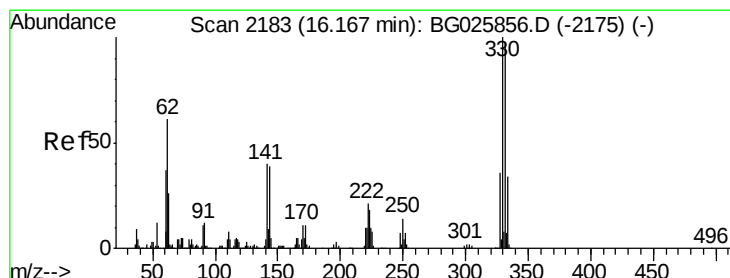
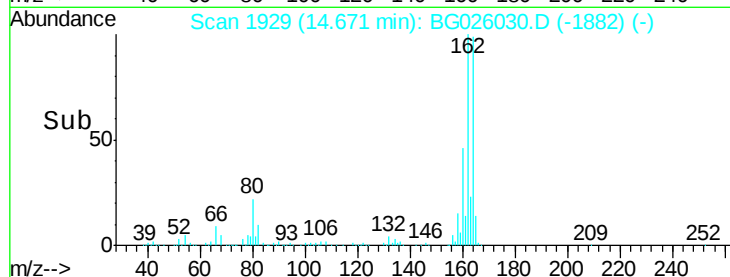
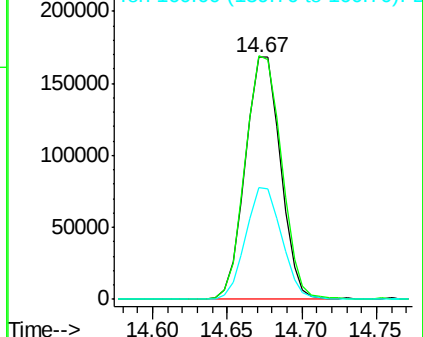
160 46.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

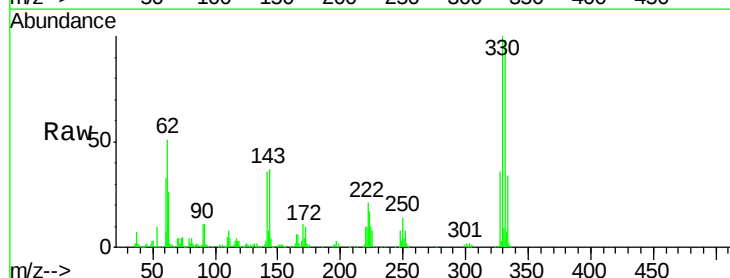
Tgt Ion:330 Resp: 290627

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

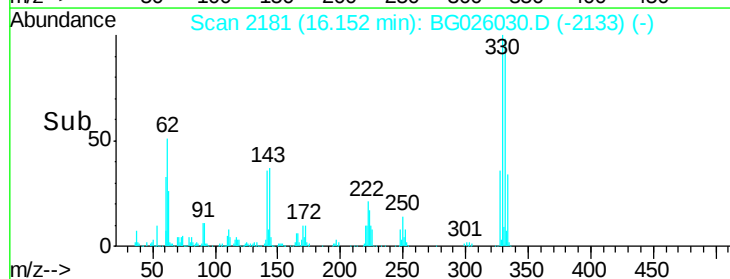
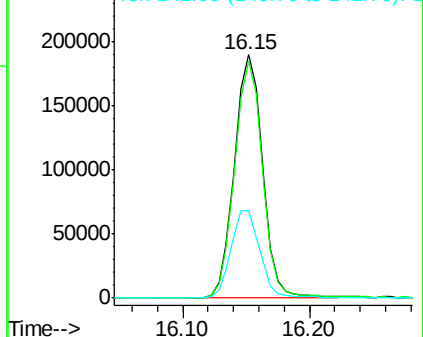
141 37.3 32.1 48.1

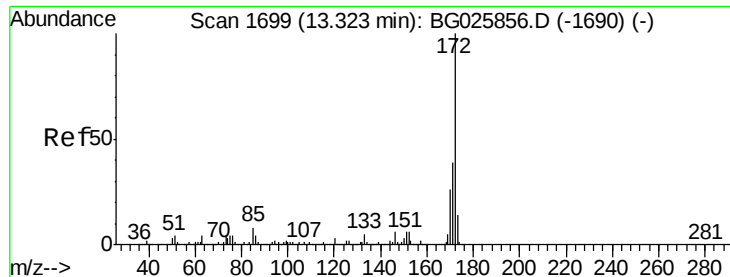


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

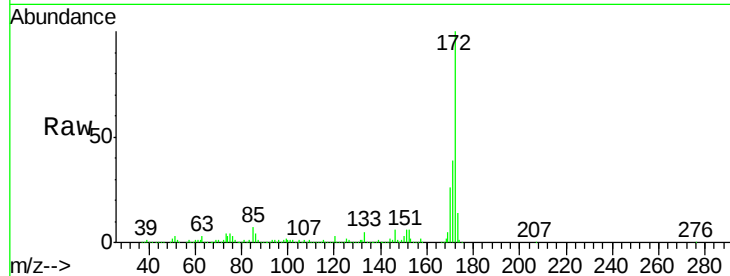




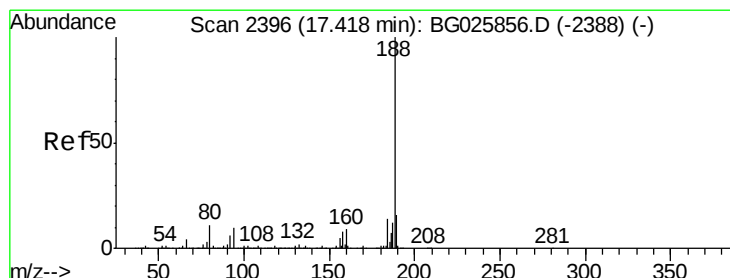
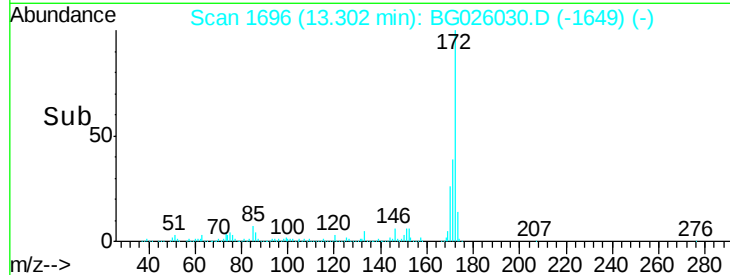
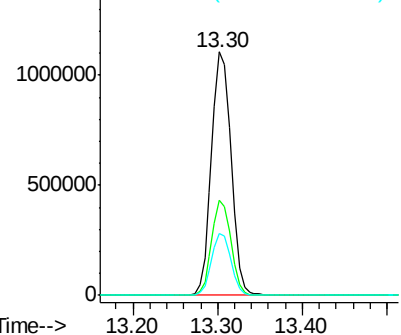
#44
 2-Fluorobiphenyl
 Concen: 113.60 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026030.D
 Acq: 2 Mar 2017 15:19

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

Tgt Ion:172 Resp: 1785649
 Ion Ratio Lower Upper
 172 100
 171 39.3 32.2 48.2
 170 25.6 21.8 32.6

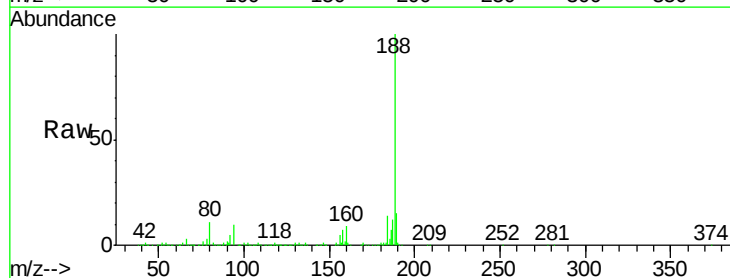


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

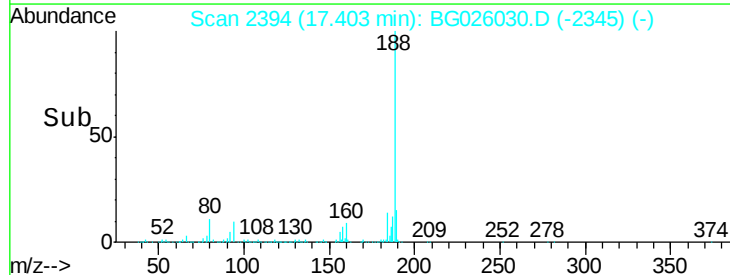
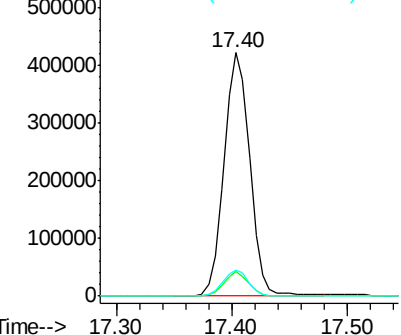


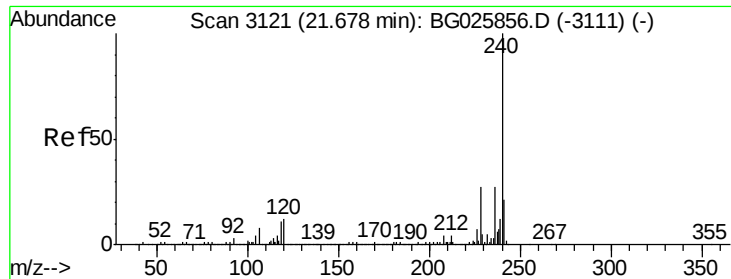
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.40 min Scan# 2394
 Delta R.T. -0.02 min
 Lab File: BG026030.D
 Acq: 2 Mar 2017 15:19

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



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





#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

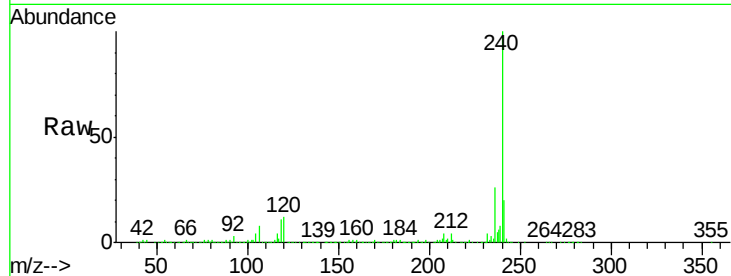
Tgt Ion:240 Resp: 593607

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

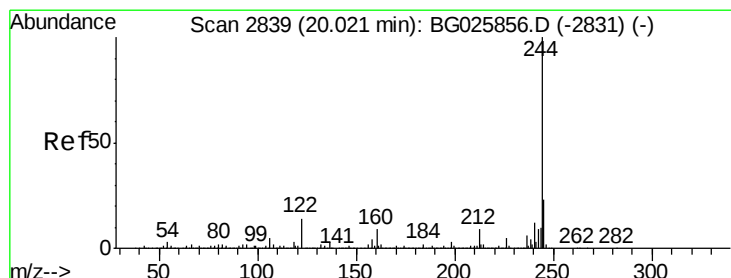
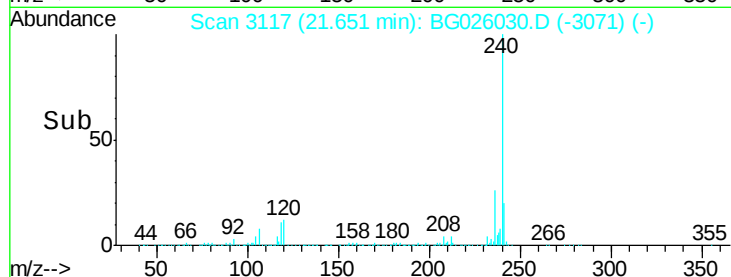
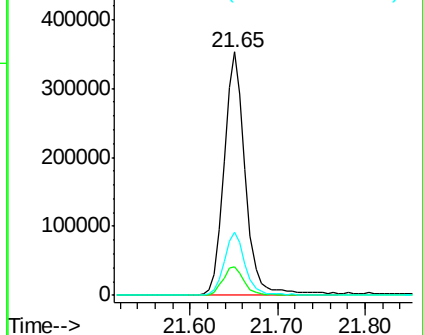
236 26.0 22.2 33.4



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

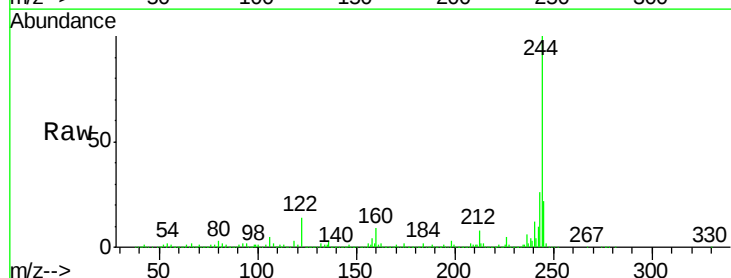
Tgt Ion:244 Resp: 2201466

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

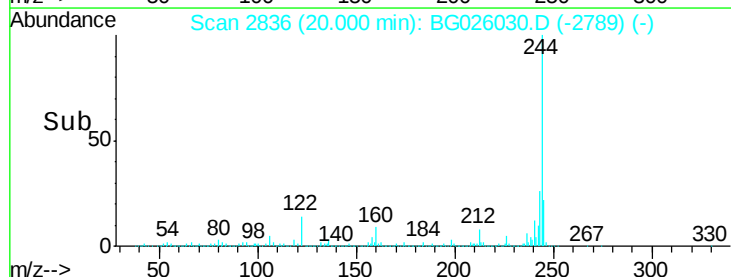
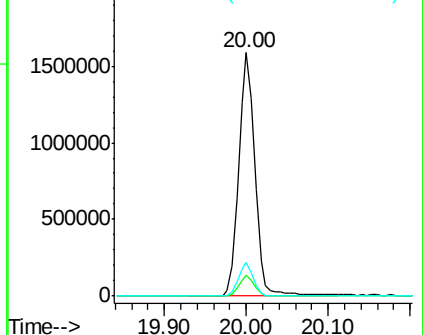
122 13.8 8.6 12.8#

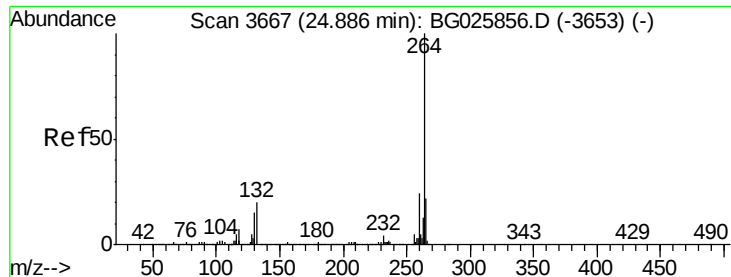


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

Tgt Ion:	264	Resp:	557185
Ion Ratio	Lower	Upper	
264	100		
260	23.6	21.8	32.8
265	23.6	18.2	27.4

