

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025439.D
 Acq On : 9 Jan 2017 20:51
 Operator : UM/SJ
 Sample : I1064-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4-COMP12

Quant Time: Jan 10 00:21:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	48655	20.00	ng	-0.02
21) Naphthalene-d8	11.03	136	183009	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	145261	20.00	ng	-0.02
63) Phenanthrene-d10	17.57	188	353487	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	562587	20.00	ng	-0.02
86) Perylene-d12	25.26	264	423114	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	362727	135.51	ng	-0.02
7) Phenol-d6	7.36	99	469941	124.66	ng	-0.02
23) Nitrobenzene-d5	9.38	82	413632	99.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	333711	142.70	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	890682	99.27	ng	-0.02
78) Terphenyl-d14	20.15	244	1933497	91.12	ng	-0.02

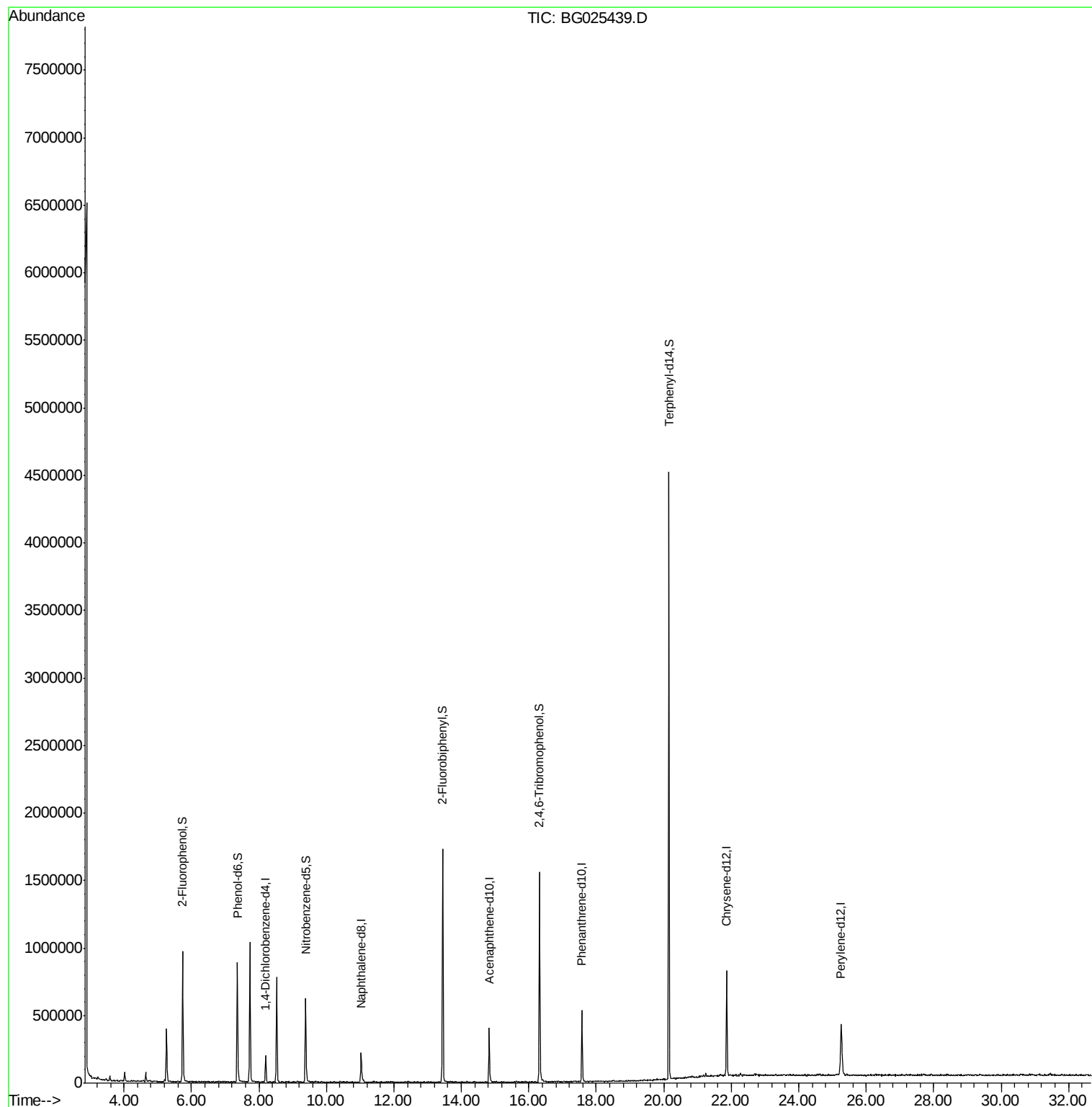
Target Compounds Qvalue

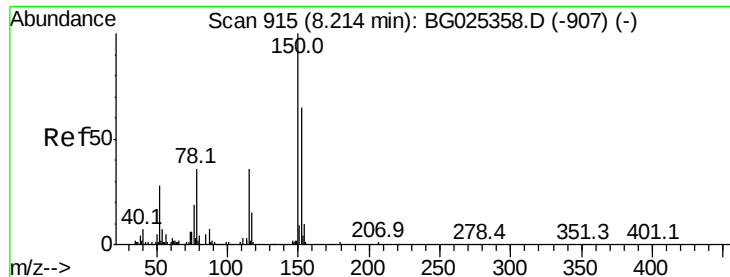
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 912

Delta R.T. -0.02 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

Instrument :

BNA_G

ClientSampleId :

TP4-COMP12

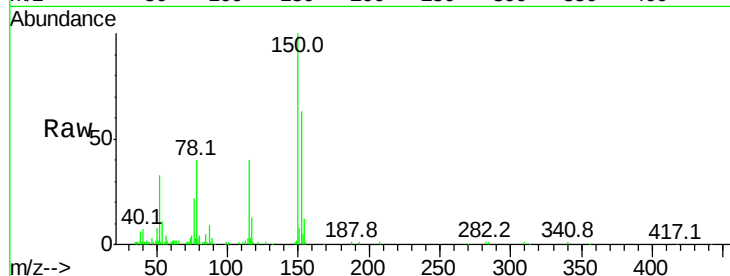
Tot Ion:152 Resp: 48655

Ion Ratio Lower Upper

152 100

150 158.5 114.0 171.0

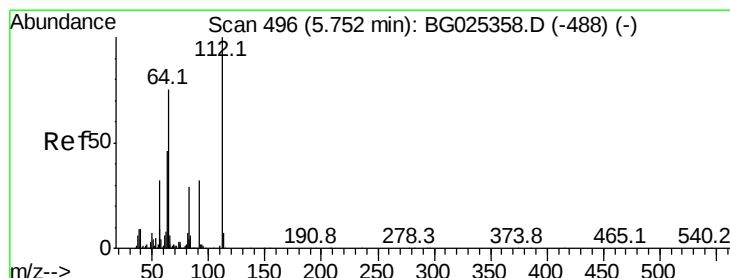
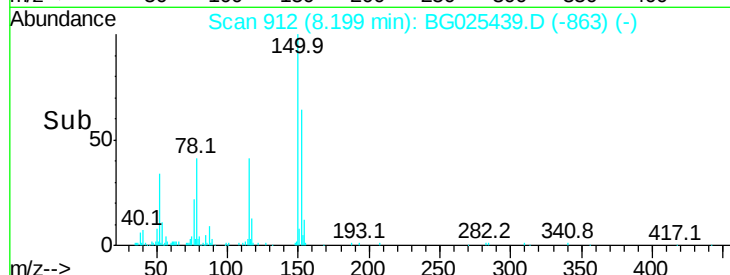
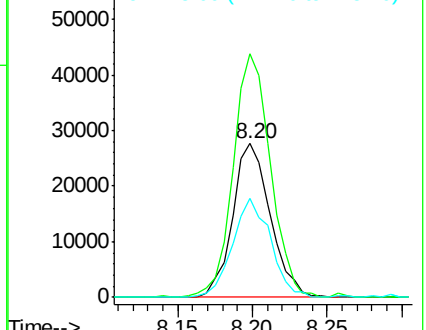
115 64.1 48.1 72.1



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: 135.51 ng

RT: 5.74 min Scan# 493

Delta R.T. -0.02 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

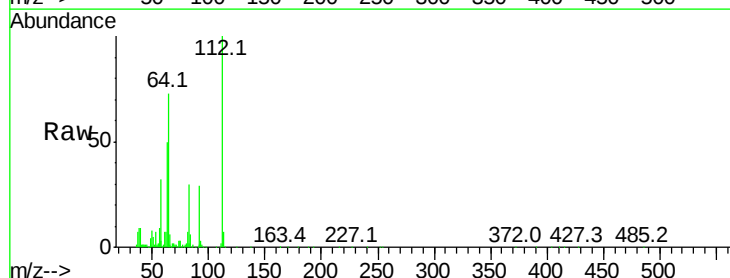
Tgt Ion:112 Resp: 362727

Ion Ratio Lower Upper

112 100

64 72.5 61.8 92.6

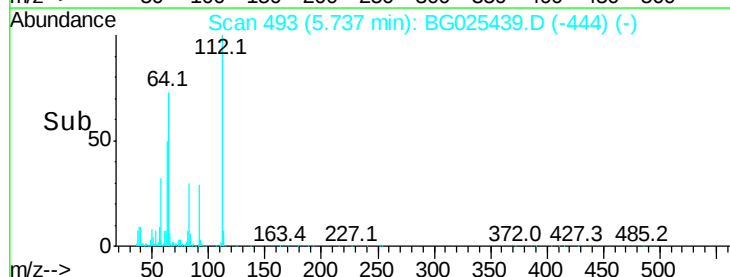
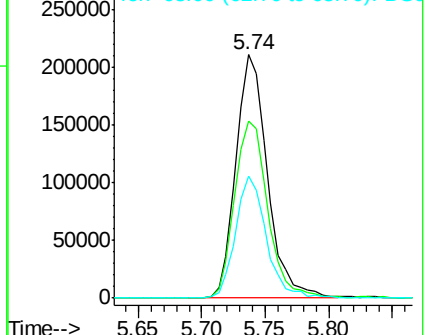
63 49.9 37.2 55.8

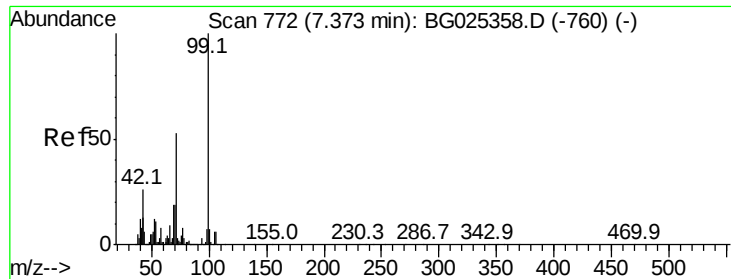


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 124.66 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

Instrument :

BNA_G

ClientSampleId :

TP4-COMP12

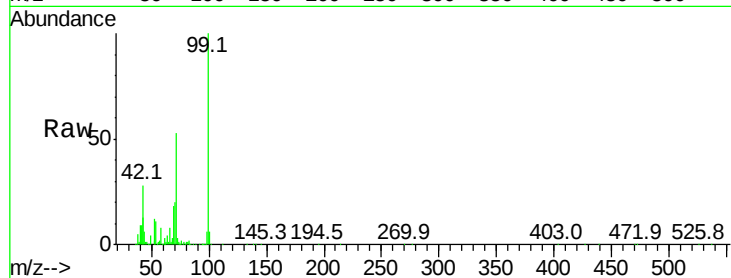
Tot Ion: 99 Resp: 469941

Ion Ratio Lower Upper

99 100

42 27.8 20.5 30.7

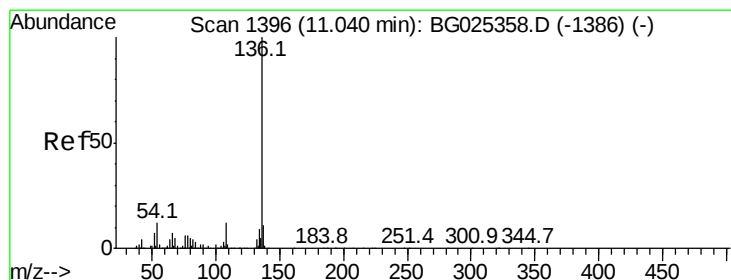
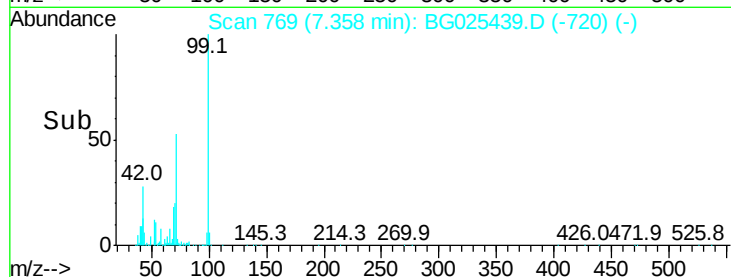
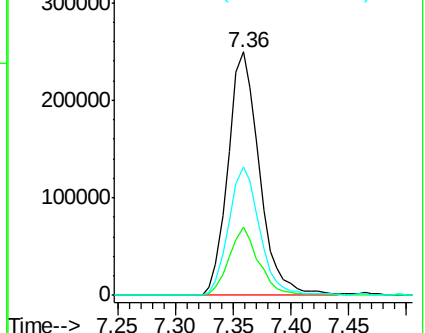
71 53.0 37.6 56.4



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: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

Tgt Ion: 136 Resp: 183009

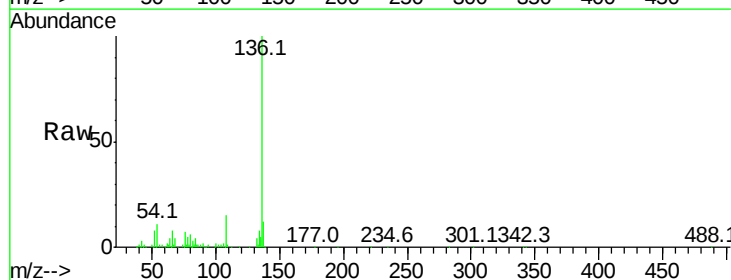
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 11.0 9.3 13.9

68 4.1 5.1 7.7#

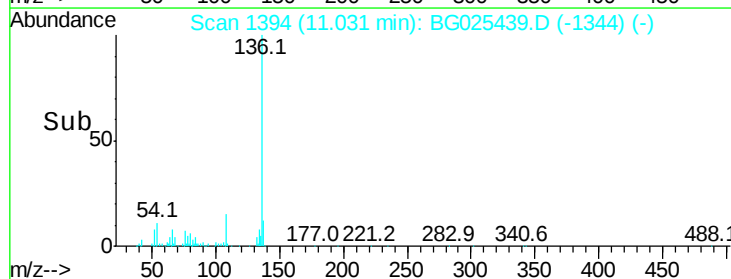
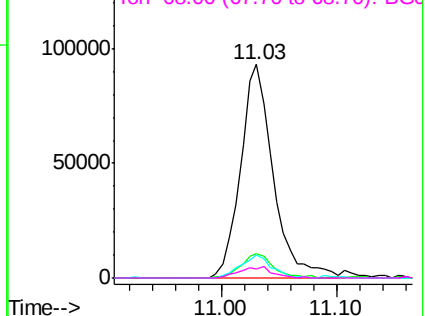


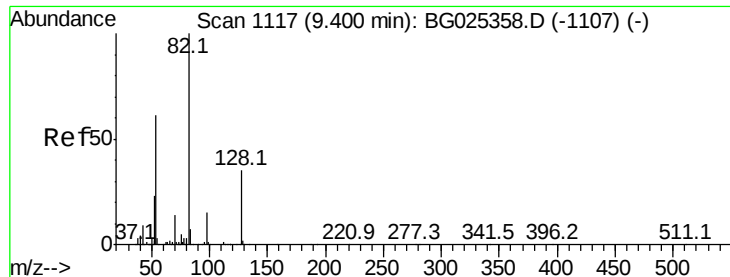
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

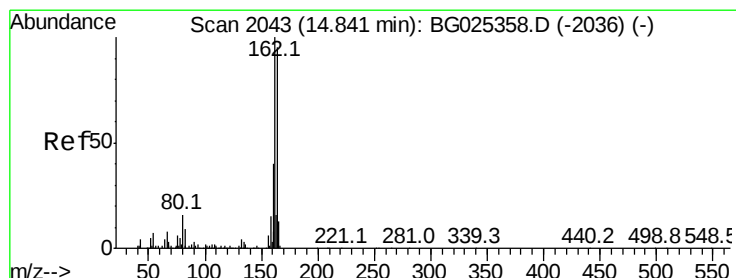
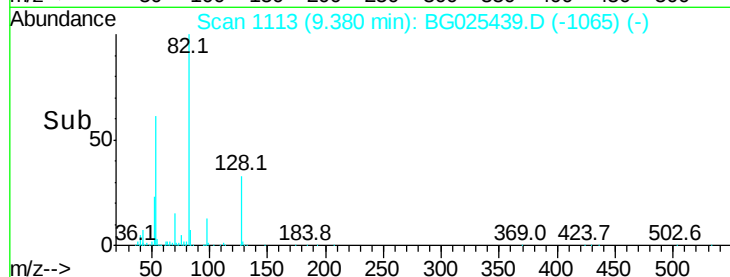
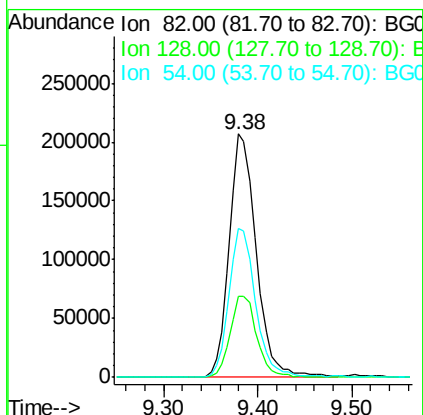
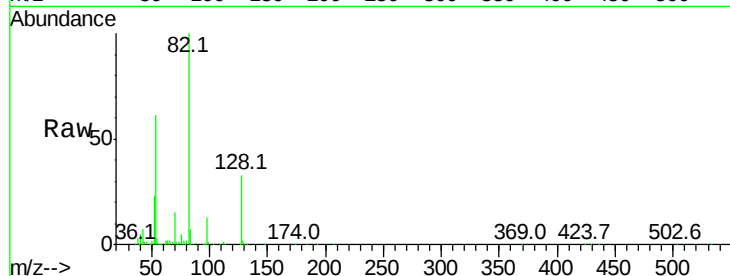




#23
 Nitrobenzene-d5
 Concen: 99.85 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: BG025439.D
 Acq: 9 Jan 2017 20:51

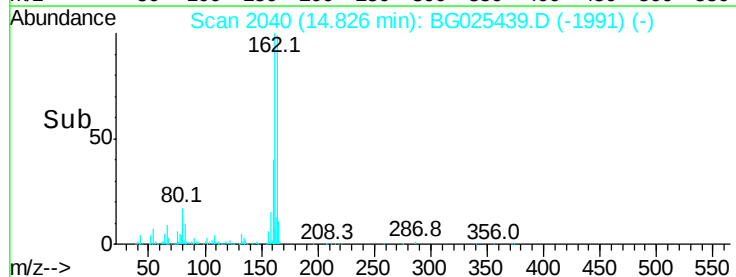
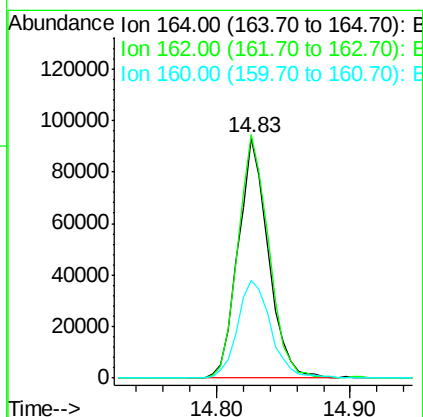
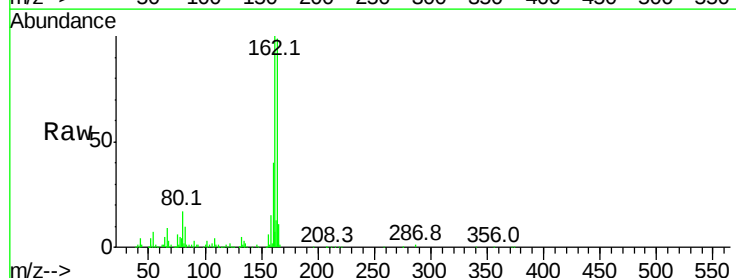
Instrument :
 BNA_G
 ClientSampleId :
 TP4-COMP12

Tot Ion	82	Resp	413632
Ion Ratio	100	Lower	Upper
128	33.1	26.4	39.6
54	61.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: BG025439.D
 Acq: 9 Jan 2017 20:51

Tgt Ion	164	Resp	145261
Ion Ratio	100	Lower	Upper
162	101.4	85.1	127.7
160	40.8	34.7	52.1



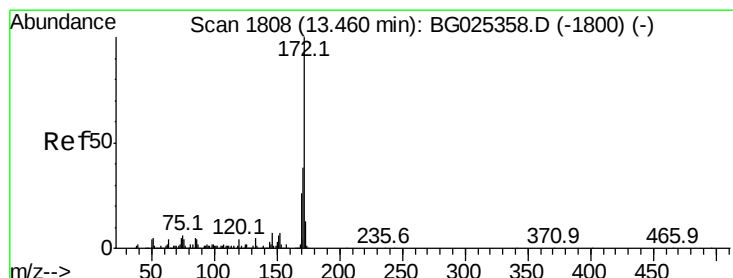
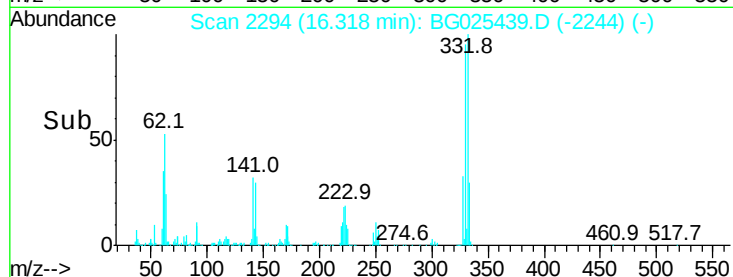
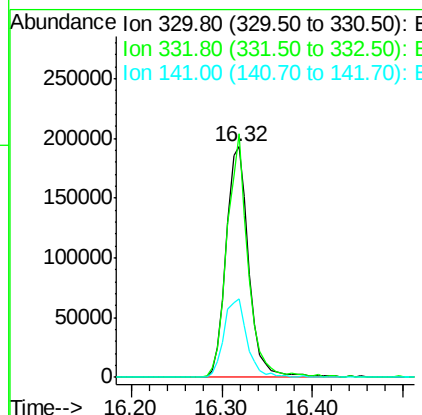
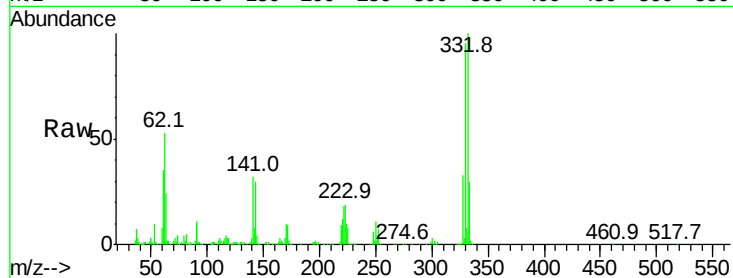


#41
 2,4,6-Tribromophenol
 Concen: 142.70 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025439.D
 Acq: 9 Jan 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 TP4-COMP12

Tot Ion:330 Resp: 333711

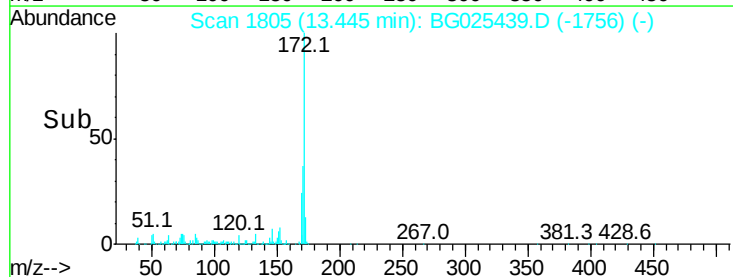
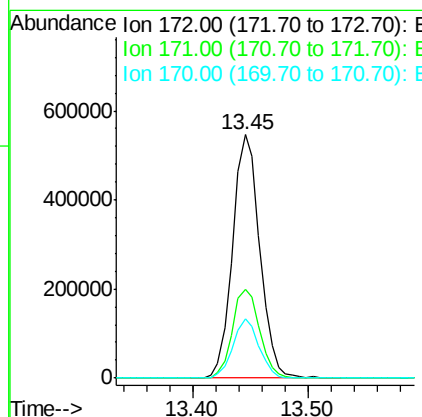
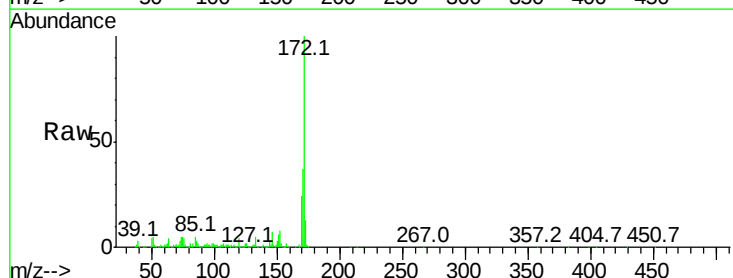
Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	34.3	32.1	48.1

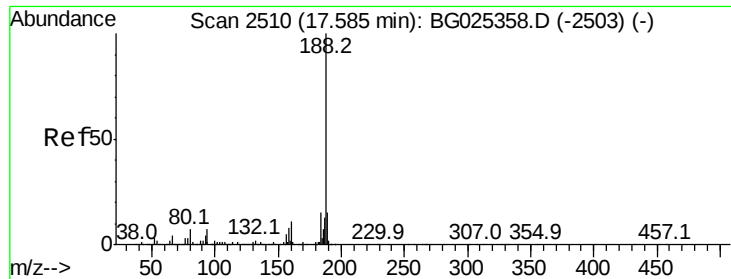


#44
 2-Fluorobiphenyl
 Concen: 99.27 ng
 RT: 13.45 min Scan# 1805
 Delta R.T. -0.02 min
 Lab File: BG025439.D
 Acq: 9 Jan 2017 20:51

Tgt Ion:172 Resp: 890682

Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	24.3	21.8	32.6

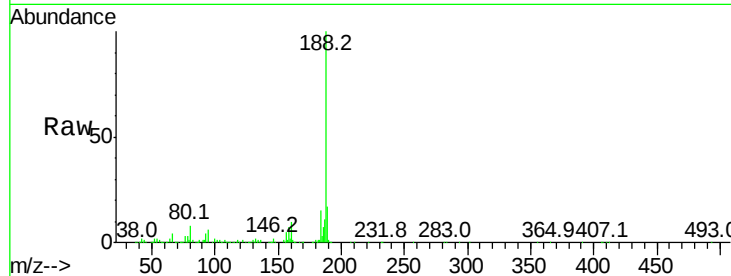




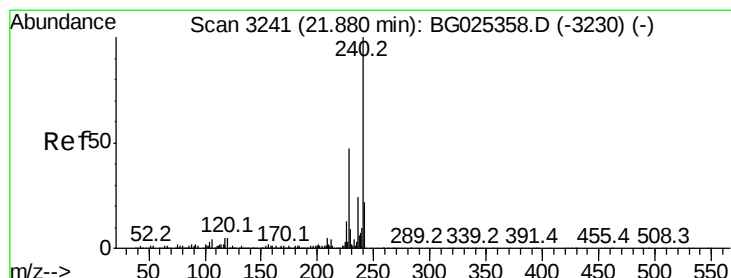
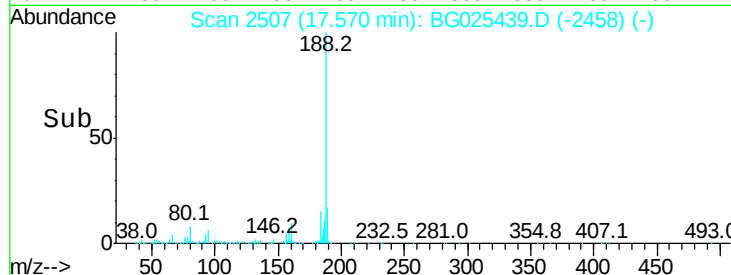
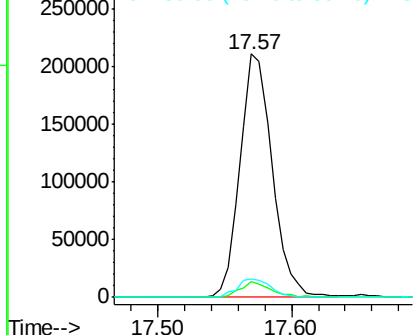
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.02 min
Lab File: BG025439.D
Acq: 9 Jan 2017 20:51

Instrument :
BNA_G
ClientSampleId :
TP4-COMP12

Tot Ion:188 Resp: 353487
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 7.6 7.5 11.3

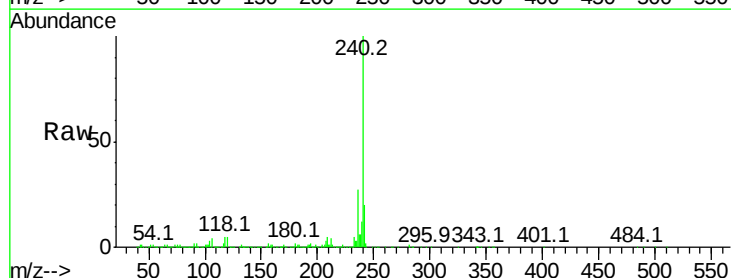


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

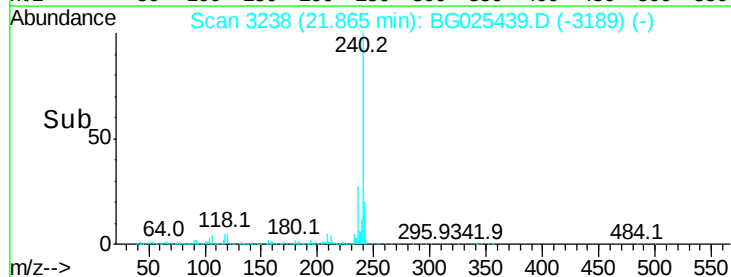
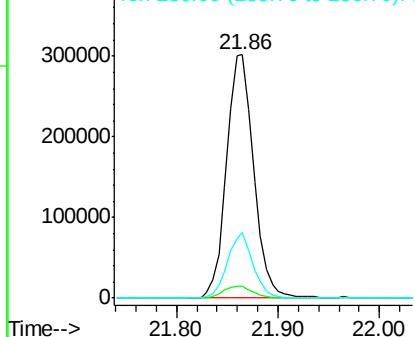


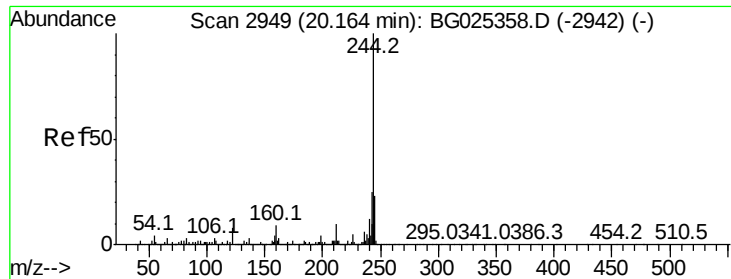
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.02 min
Lab File: BG025439.D
Acq: 9 Jan 2017 20:51

Tgt Ion:240 Resp: 562587
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 26.9 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: 91.12 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.02 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

Instrument :

BNA_G

ClientSampleId :

TP4-COMP12

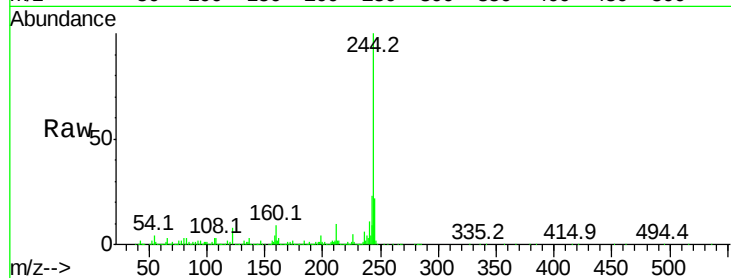
Tot Ion:244 Resp: 1933497

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

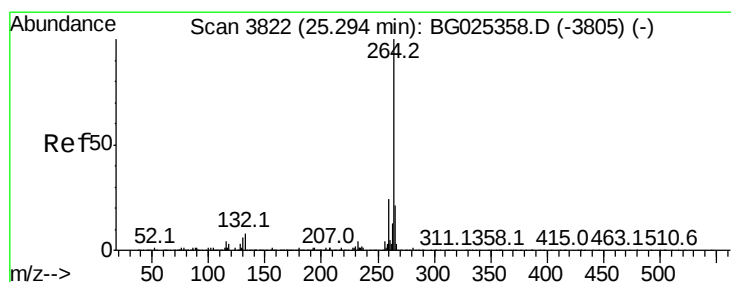
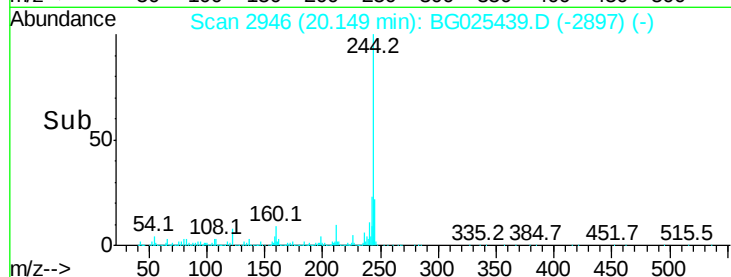
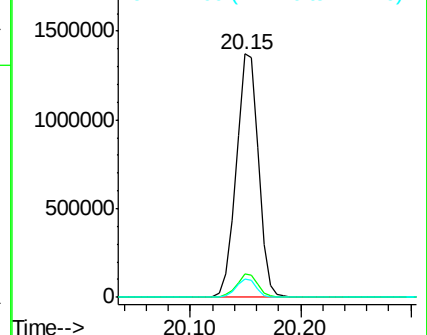
122 7.6 8.6 12.8#



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: 25.26 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG025439.D

Acq: 9 Jan 2017 20:51

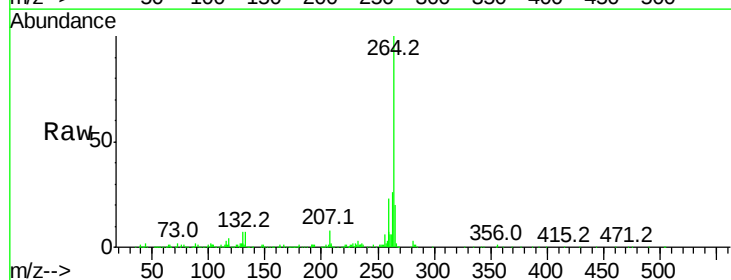
Tgt Ion:264 Resp: 423114

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 19.6 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

