

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
 Data File : BG025408.D
 Acq On : 29 Dec 2016 17:31
 Operator : UM/SJ
 Sample : H6304-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP11-COMP8

Quant Time: Dec 30 00:49:35 2016
 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	8.21	152	50232	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	206929	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	163884	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	400024	20.00	ng	0.00
75) Chrysene-d12	21.87	240	570527	20.00	ng	0.00
86) Perylene-d12	25.29	264	452124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	423405	153.21	ng	0.00
7) Phenol-d6	7.37	99	534114	137.23	ng	0.00
23) Nitrobenzene-d5	9.39	82	477932	102.03	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	420819	159.49	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1052817	104.01	ng	0.00
78) Terphenyl-d14	20.16	244	2170260	100.86	ng	0.00

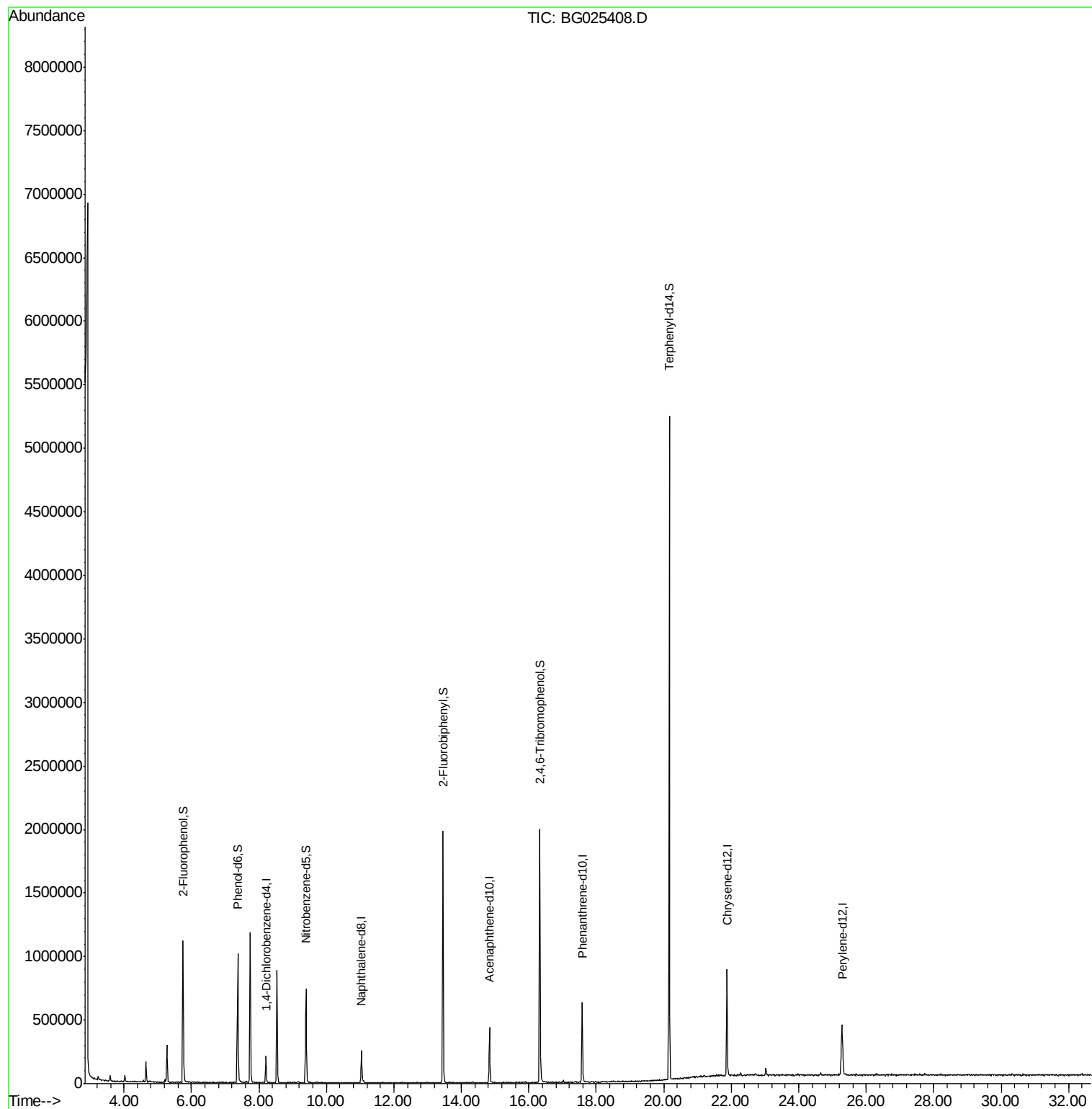
Target Compounds Qvalue

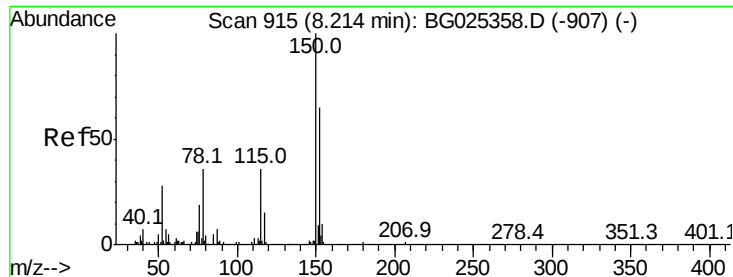
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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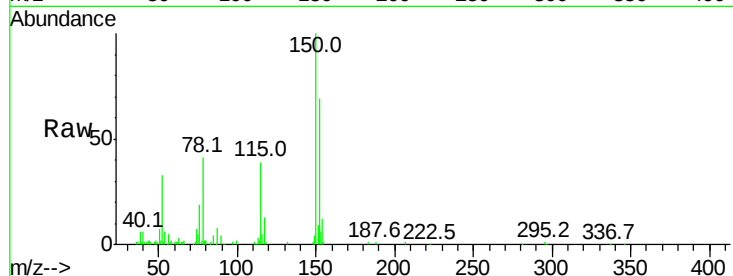


#1

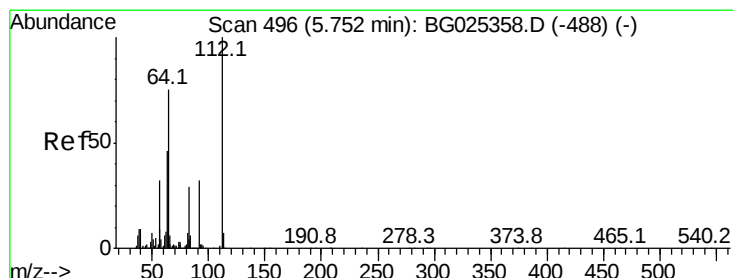
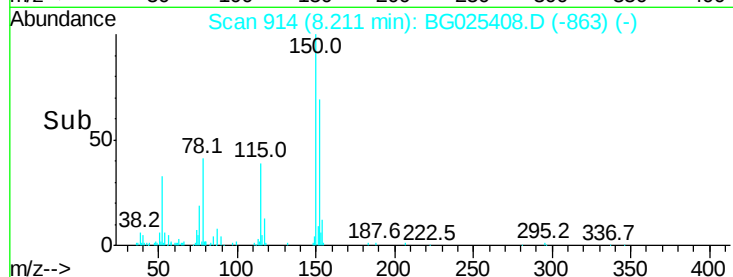
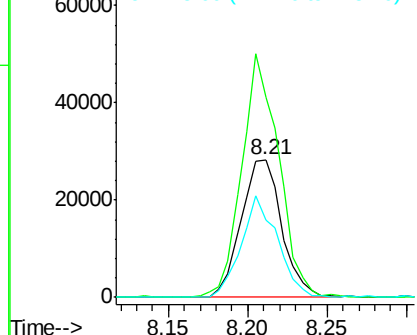
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG025408.D
Acq: 29 Dec 2016 17:31

Instrument :
BNA_G
ClientSampleId :
TP11-COMP8

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	114.0	171.0
115	56.6	48.1	72.1



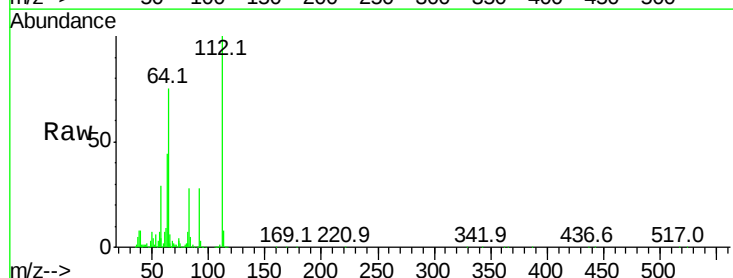
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



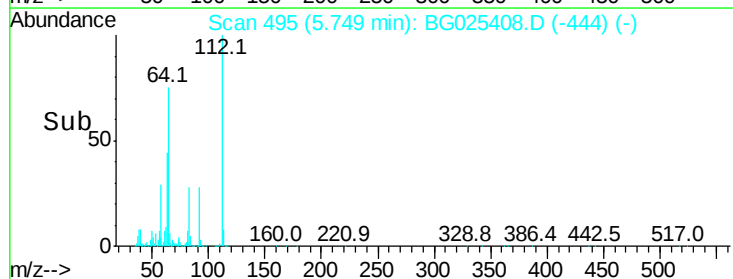
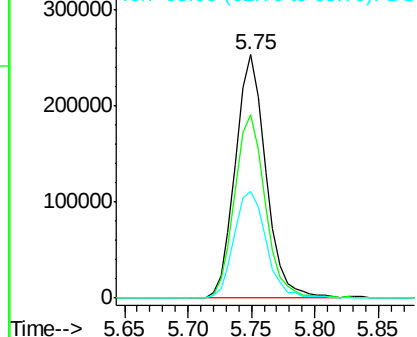
#5

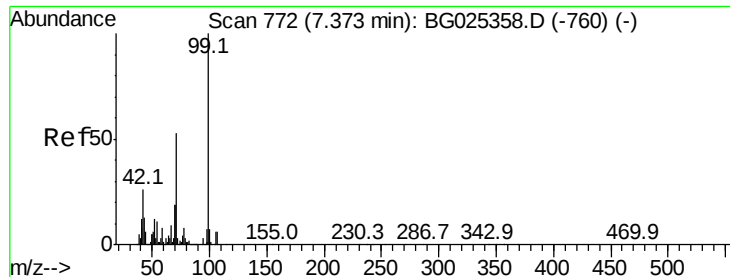
2-Fluorophenol
Concen: 153.21 ng
RT: 5.75 min Scan# 495
Delta R.T. -0.00 min
Lab File: BG025408.D
Acq: 29 Dec 2016 17:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	61.8	92.6
63	43.8	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 137.23 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG025408.D

Acq: 29 Dec 2016 17:31

Instrument :

BNA_G

ClientSampleId :

TP11-COMP8

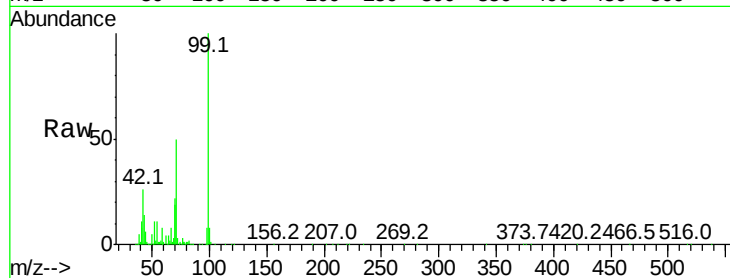
Tot Ion: 99 Resp: 534114

Ion Ratio Lower Upper

99 100

42 25.8 20.5 30.7

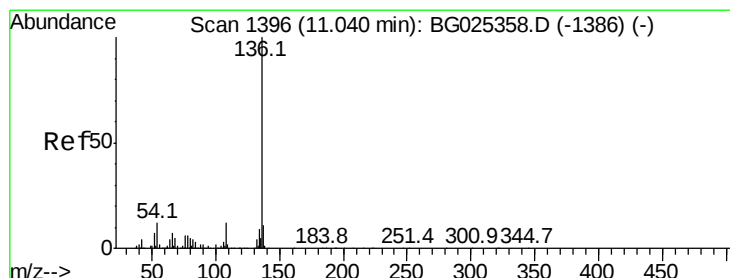
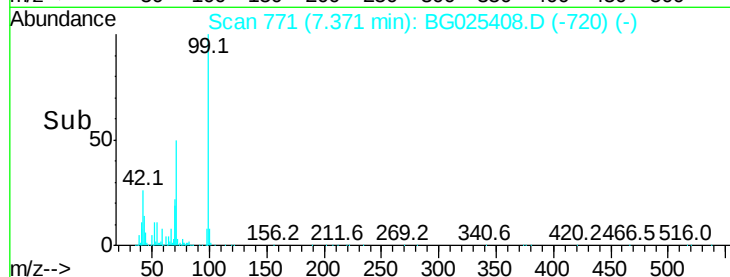
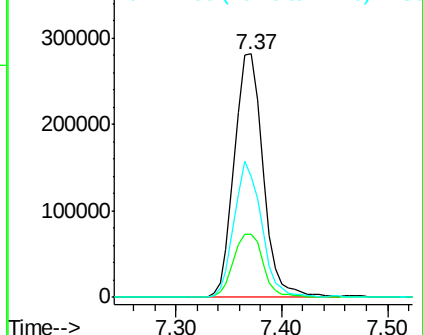
71 49.5 37.6 56.4



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: 11.04 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG025408.D

Acq: 29 Dec 2016 17:31

Tgt Ion: 136 Resp: 206929

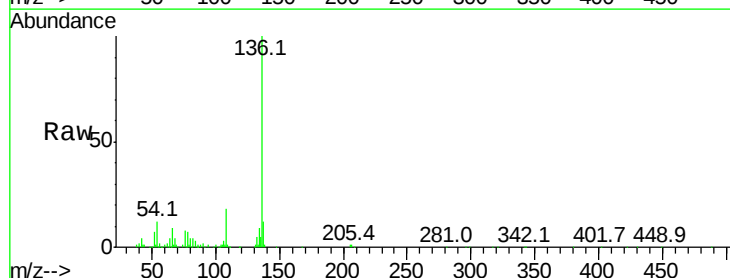
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 12.3 9.3 13.9

68 3.9 5.1 7.7#

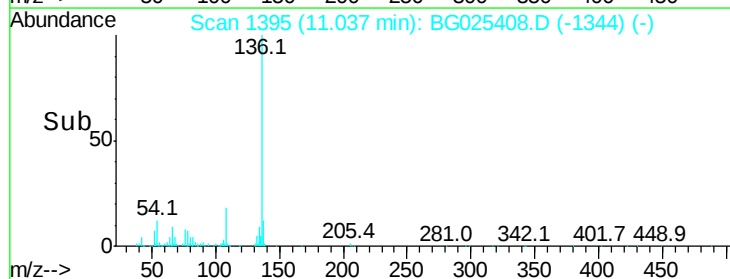
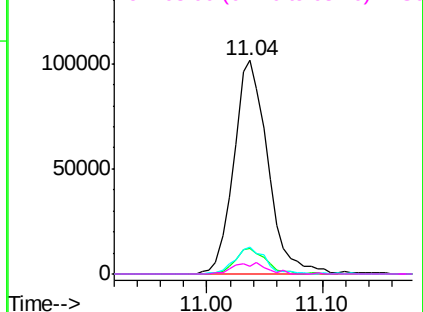


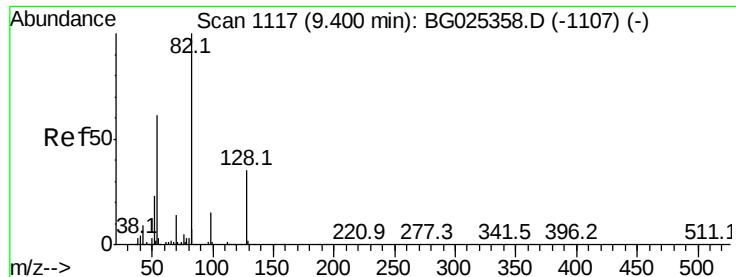
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

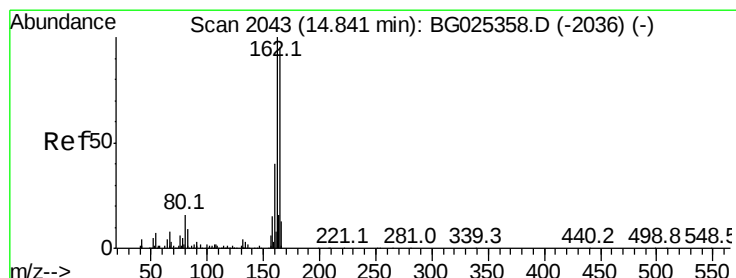
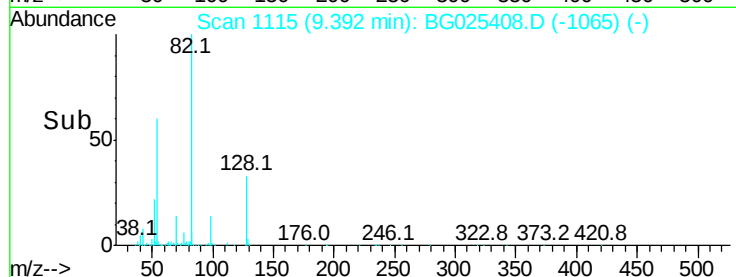
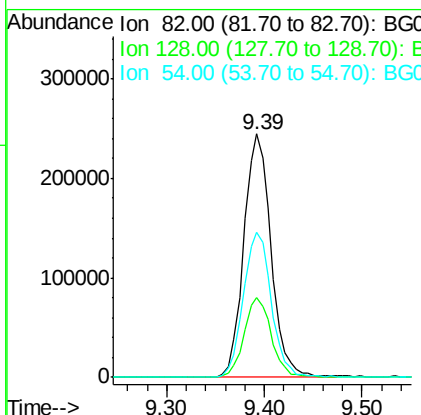
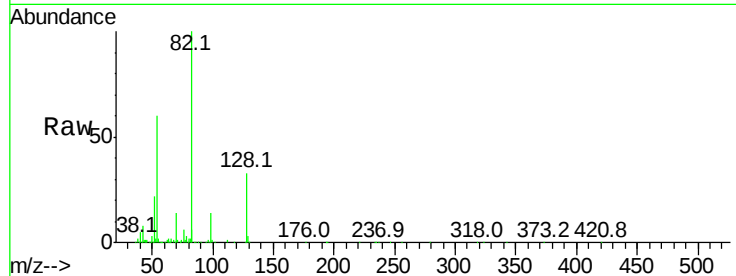




#23
Nitrobenzene-d5
Concen: 102.03 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025408.D
Acq: 29 Dec 2016 17:31

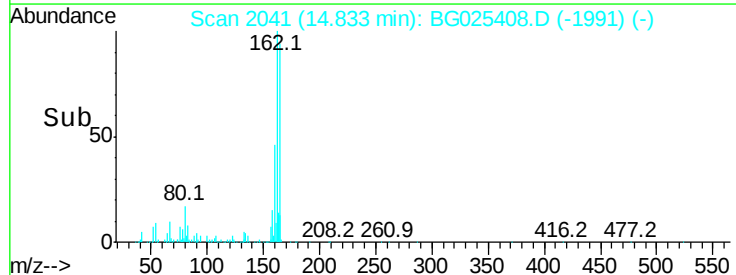
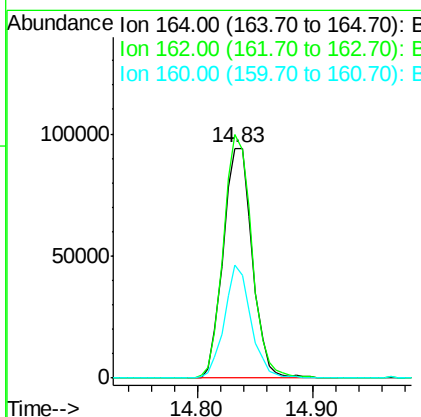
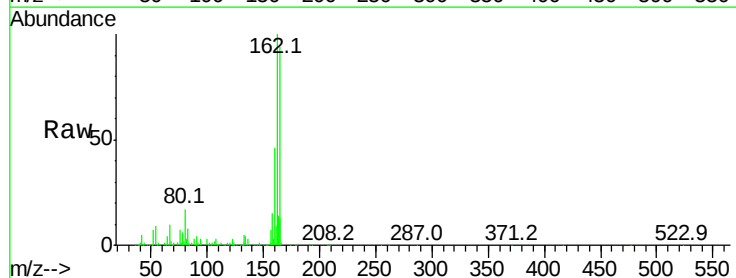
Instrument :
BNA_G
ClientSampleId :
TP11-COMP8

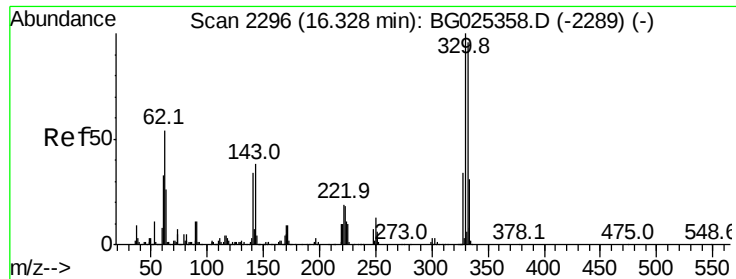
Tot Ion	82	Resp	477932
Ion Ratio	100	Lower	Upper
128	32.7	26.4	39.6
54	59.6	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG025408.D
Acq: 29 Dec 2016 17:31

Tgt Ion	164	Resp	163884
Ion Ratio	100	Lower	Upper
162	105.9	85.1	127.7
160	49.1	34.7	52.1

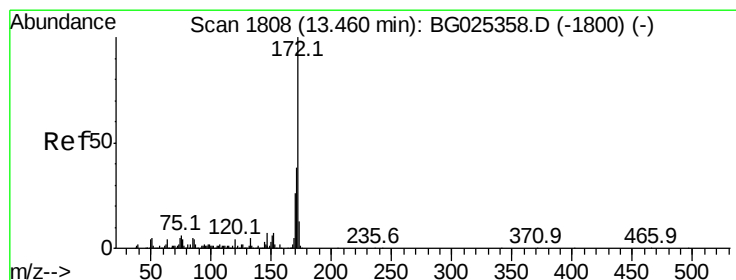
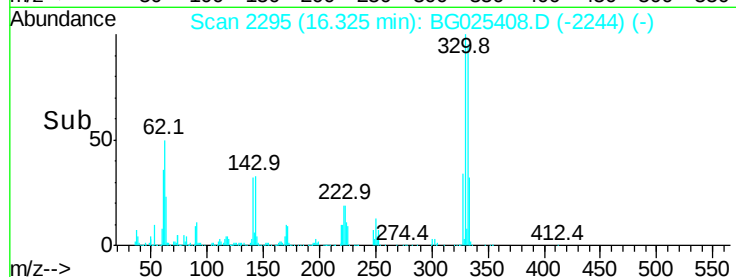
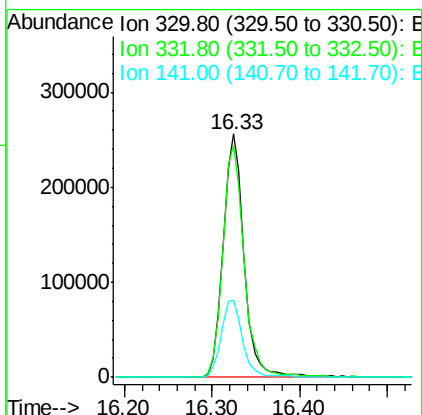
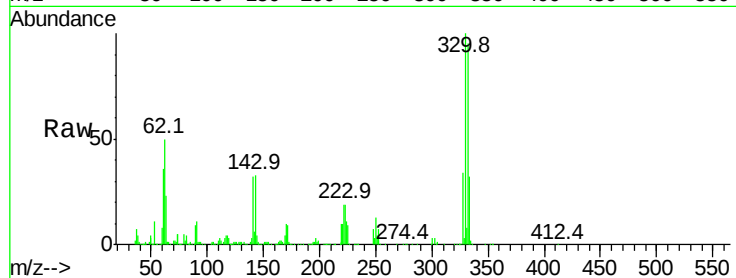




#41
 2,4,6-Tribromophenol
 Concen: 159.49 ng
 RT: 16.33 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG025408.D
 Acq: 29 Dec 2016 17:31

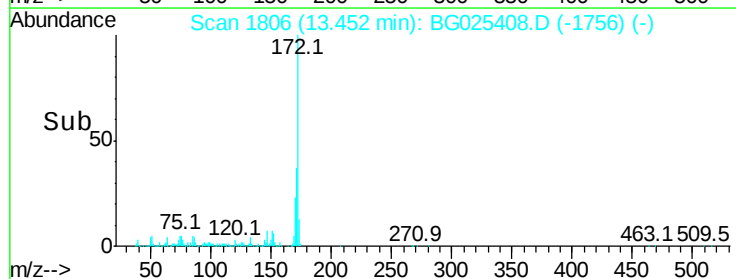
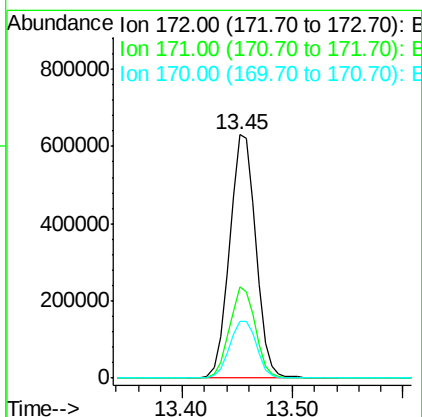
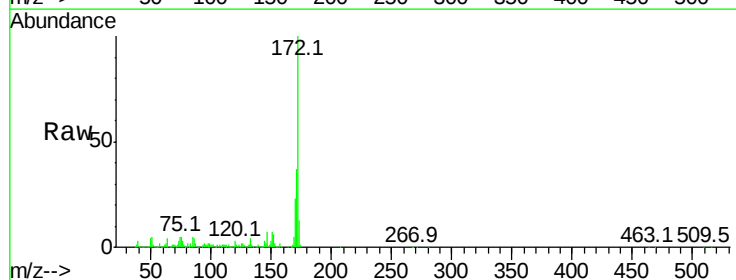
Instrument :
 BNA_G
 ClientSampleId :
 TP11-COMP8

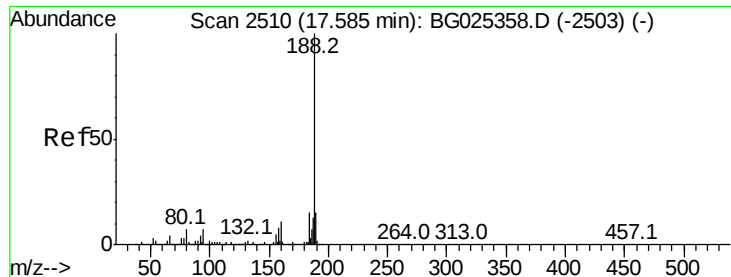
Tot Ion:330 Resp: 420819
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 32.1 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 104.01 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025408.D
 Acq: 29 Dec 2016 17:31

Tgt Ion:172 Resp: 1052817
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 23.2 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG025408.D

Acq: 29 Dec 2016 17:31

Instrument :

BNA_G

ClientSampleId :

TP11-COMP8

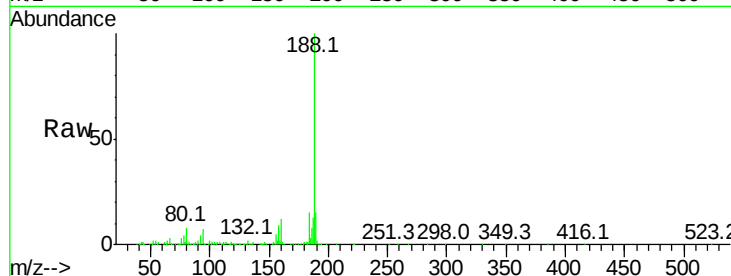
Tot Ion:188 Resp: 400024

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

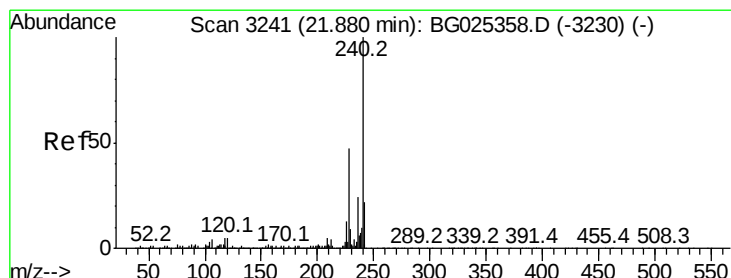
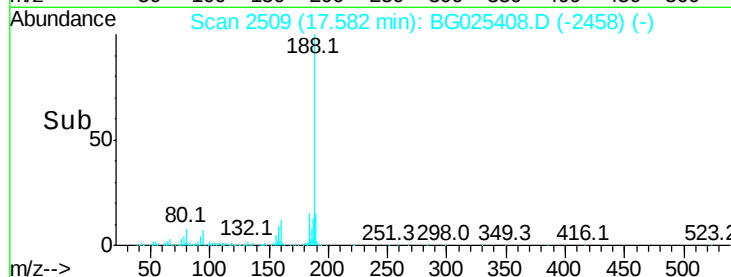
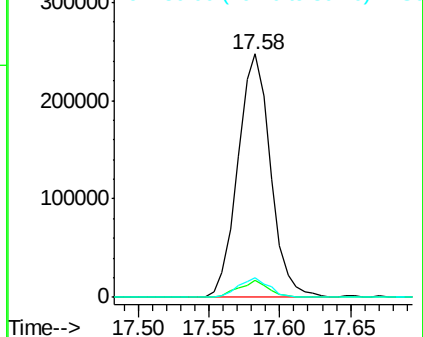
80 7.9 7.5 11.3



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: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG025408.D

Acq: 29 Dec 2016 17:31

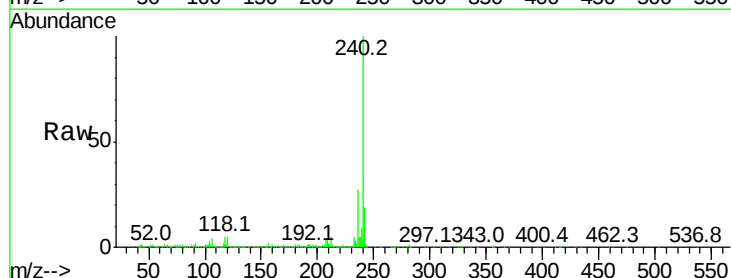
Tgt Ion:240 Resp: 570527

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

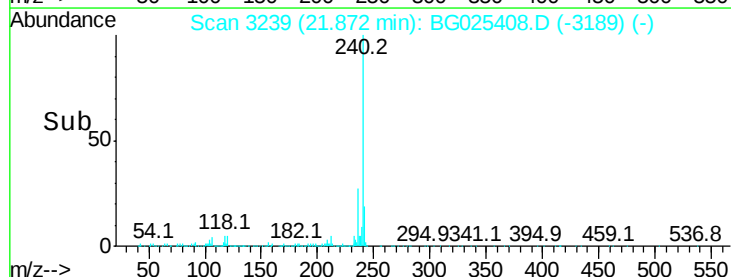
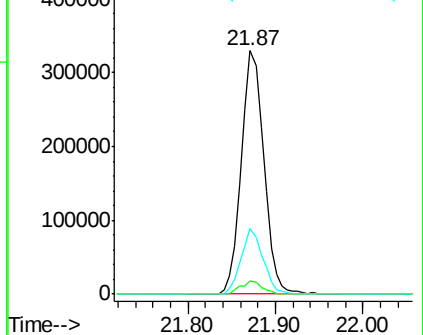
236 27.1 22.2 33.4

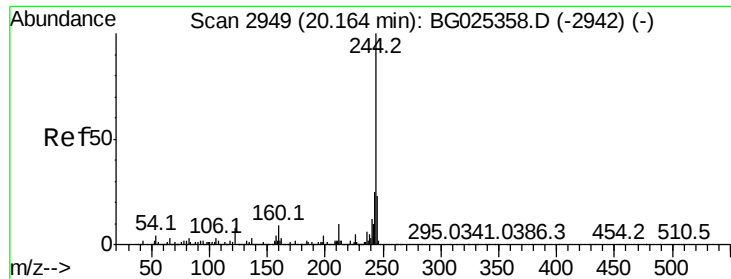


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.86 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG025408.D

Acq: 29 Dec 2016 17:31

Instrument :

BNA_G

ClientSampleId :

TP11-COMP8

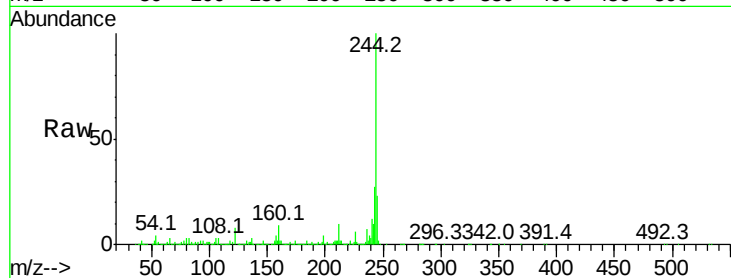
Tot Ion:244 Resp: 2170260

Ion Ratio Lower Upper

244 100

212 10.2 10.0 15.0

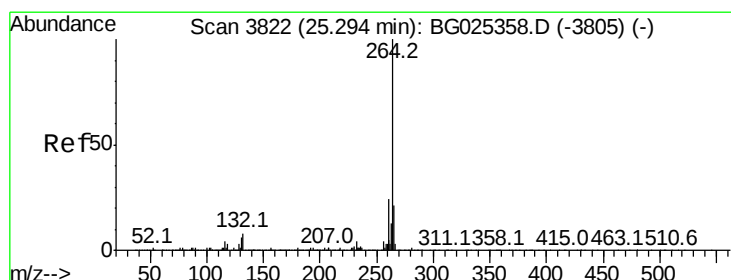
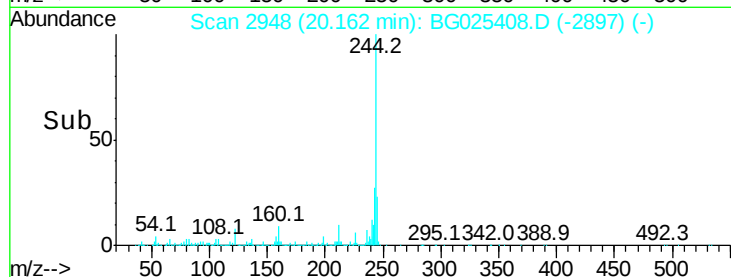
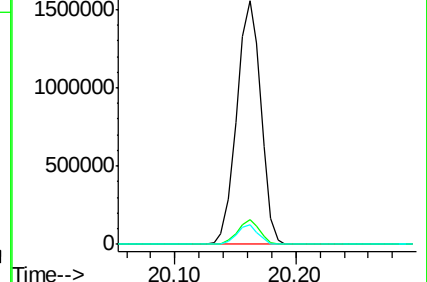
122 8.2 8.6 12.8#



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: 25.29 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025408.D

Acq: 29 Dec 2016 17:31

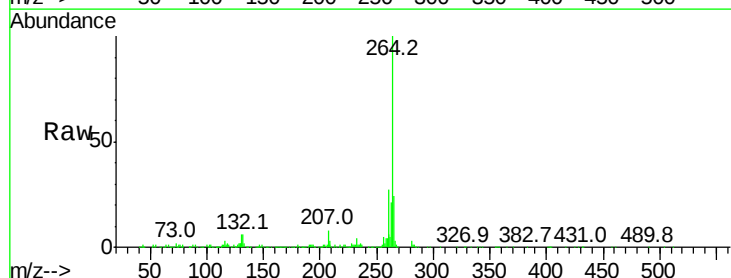
Tgt Ion:264 Resp: 452124

Ion Ratio Lower Upper

264 100

260 26.9 21.8 32.8

265 24.3 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

