

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025464.D
 Acq On : 10 Jan 2017 22:59
 Operator : UM/SJ
 Sample : I1077-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-06

Quant Time: Jan 11 06:27:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

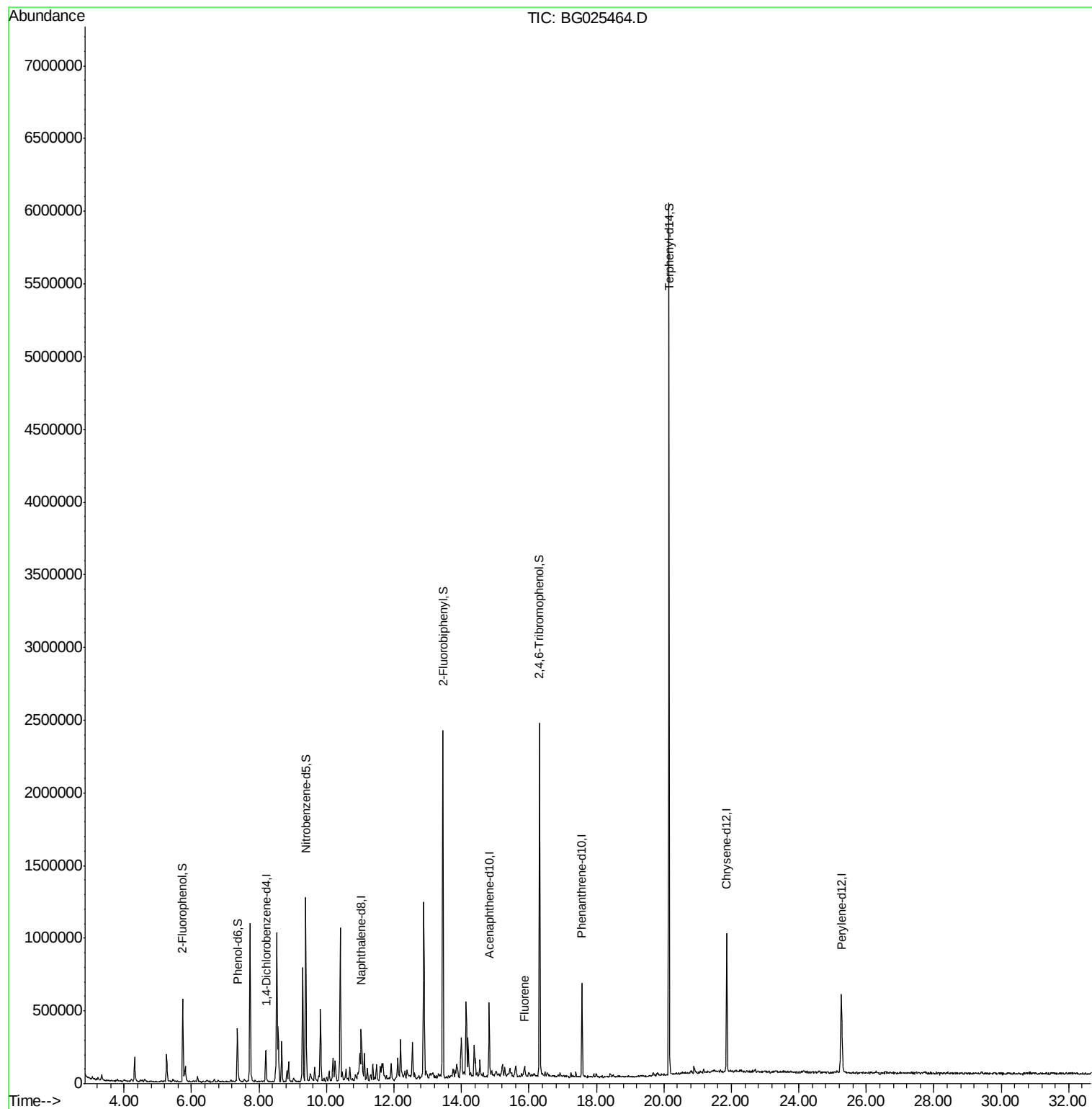
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55797	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	221130	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	180666	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	415496	20.00	ng	0.00
75) Chrysene-d12	21.86	240	622683	20.00	ng	0.00
86) Perylene-d12	25.27	264	680281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	231091	75.28	ng	0.00
7) Phenol-d6	7.36	99	209800	48.53	ng	0.00
23) Nitrobenzene-d5	9.38	82	564725	112.82	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	476978	163.99	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1191188	106.74	ng	0.00
78) Terphenyl-d14	20.15	244	2355621	100.30	ng	0.00
Target Compounds						
57) Fluorene	15.87	166	27771	2.18	ng	Qvalue 93

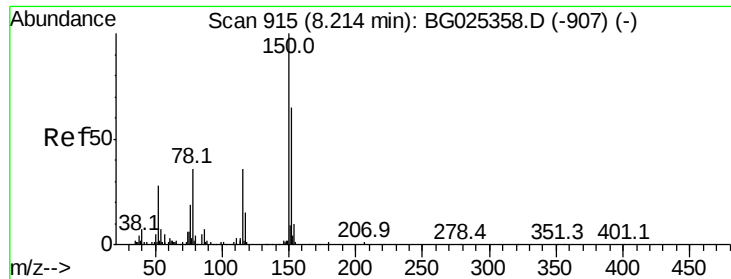
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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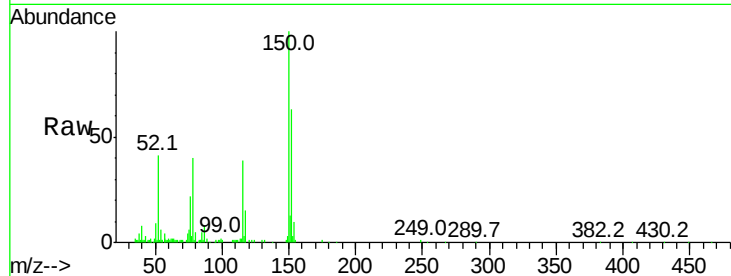


#1

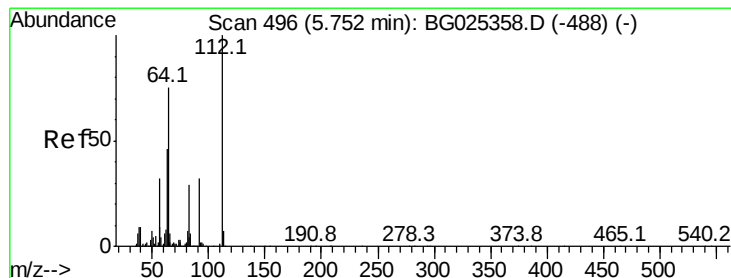
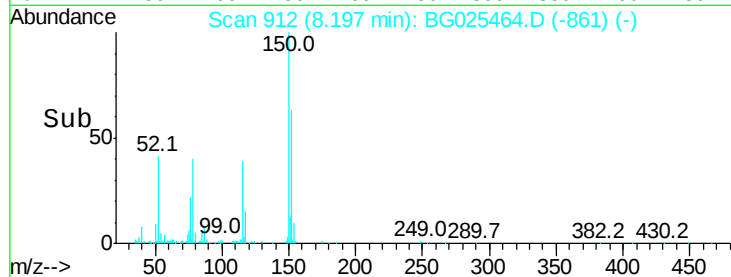
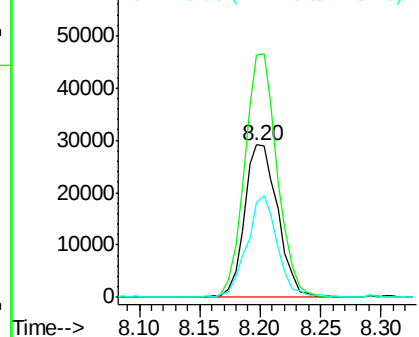
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG025464.D
Acq: 10 Jan 2017 22:59

Instrument :
BNA_G
ClientSampleId :
W-06

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	114.0	171.0
115	62.3	48.1	72.1



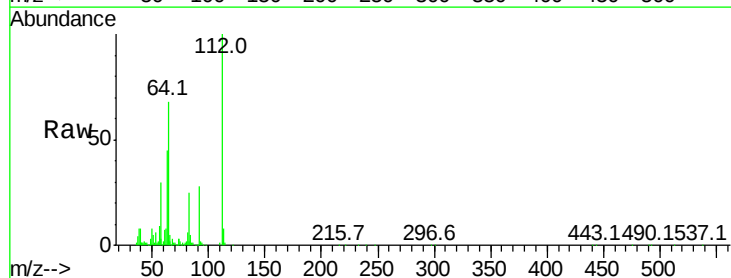
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



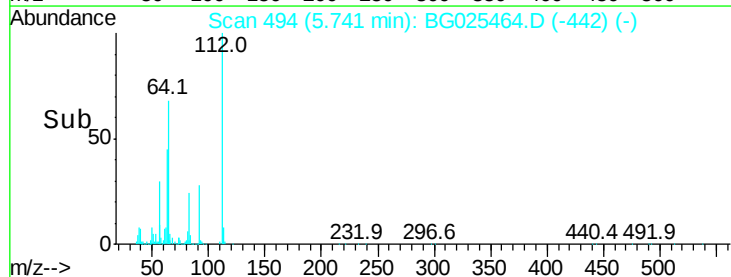
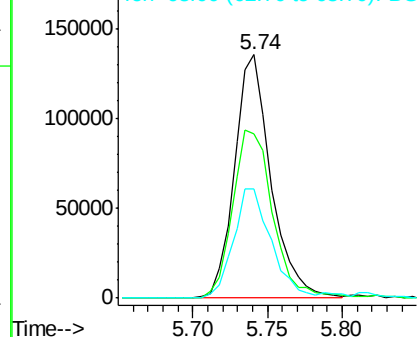
#5

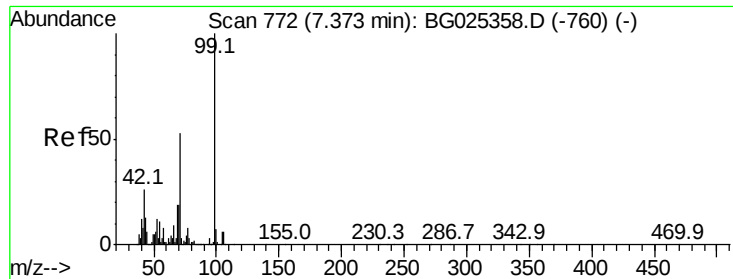
2-Fluorophenol
Concen: 75.28 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025464.D
Acq: 10 Jan 2017 22:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	61.8	92.6
63	44.9	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: 48.53 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

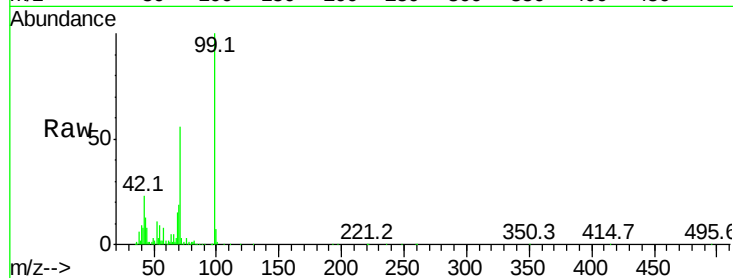
BNA_G

ClientSampleId :

W-06

Tot Ion: 99 Resp: 209800

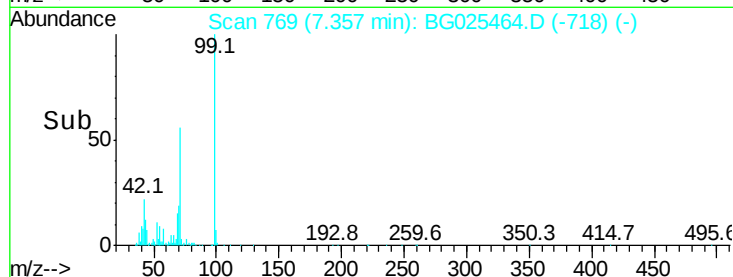
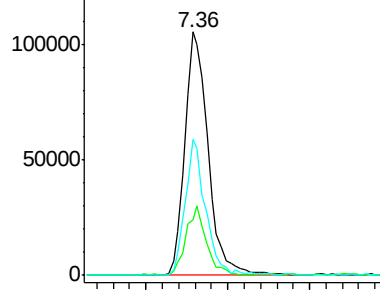
Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.5	30.7
71	55.7	37.6	56.4



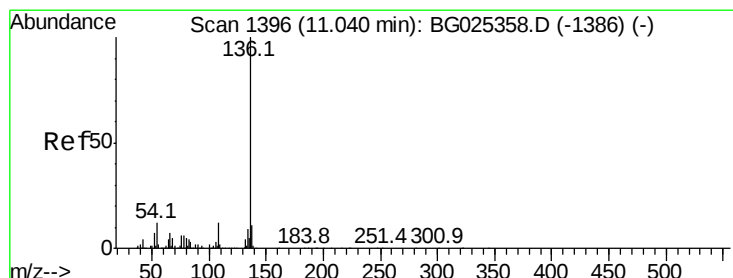
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

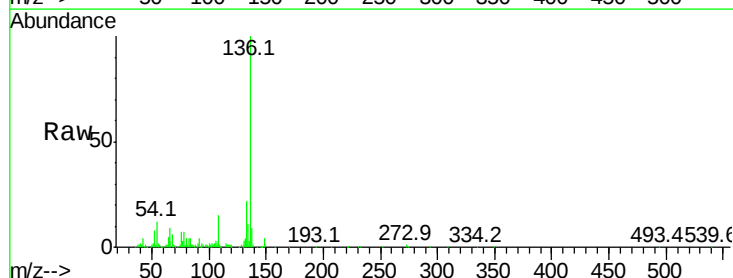
Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Tgt Ion: 136 Resp: 221130

Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.9	13.3
54	11.6	9.3	13.9
68	6.1	5.1	7.7

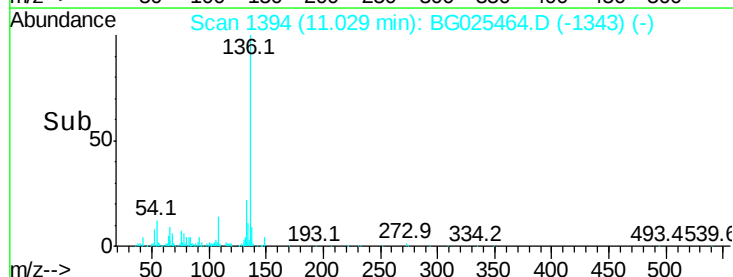
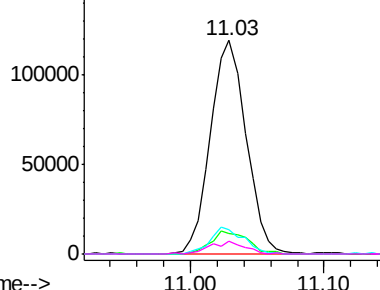


Abundance Ion 136.00 (135.70 to 136.70): BGC

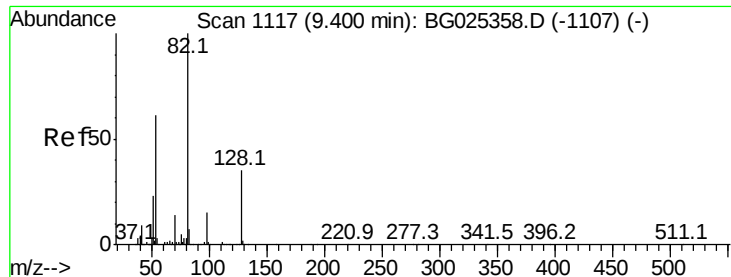
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



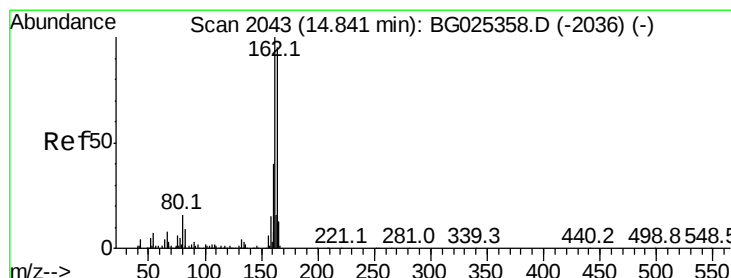
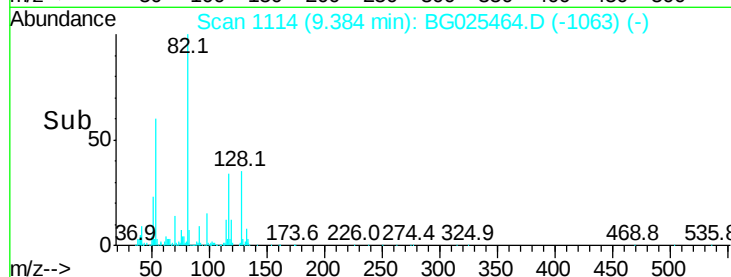
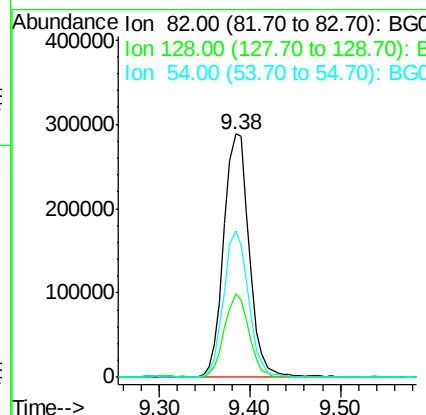
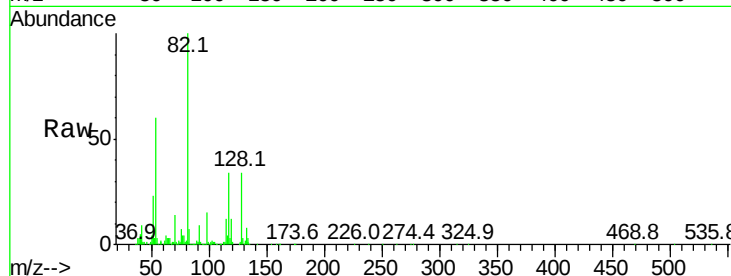
Time-->



#23
Nitrobenzene-d5
Concen: 112.82 ng
RT: 9.38 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG025464.D
Acq: 10 Jan 2017 22:59

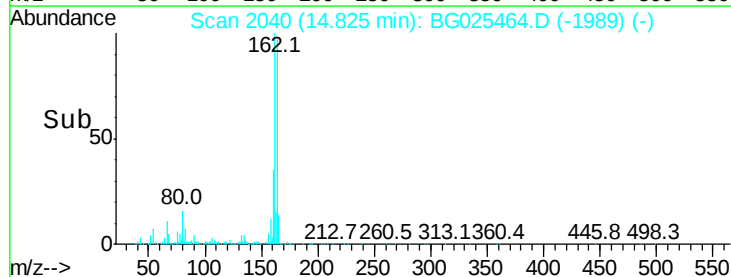
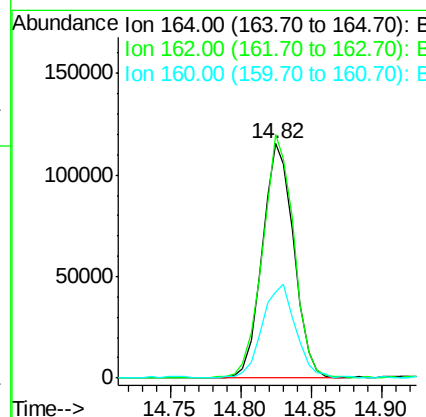
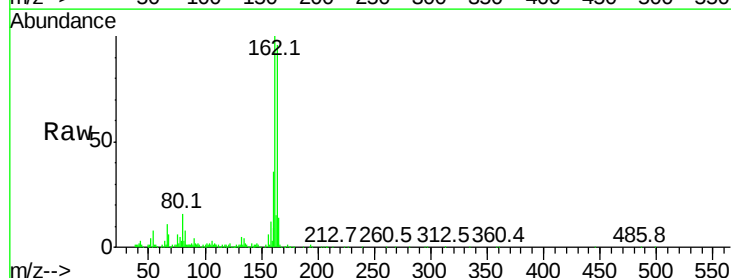
Instrument :
BNA_G
ClientSampleId :
W-06

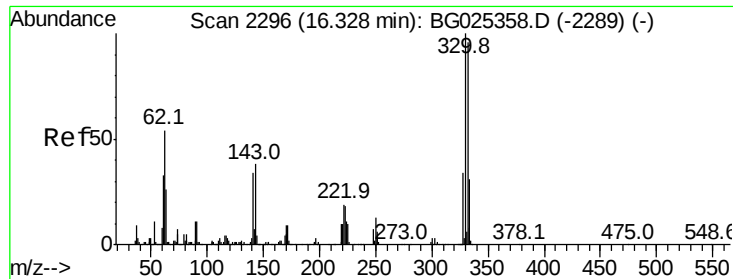
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.5	26.4	39.6
54	60.0	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG025464.D
Acq: 10 Jan 2017 22:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	36.9	34.7	52.1

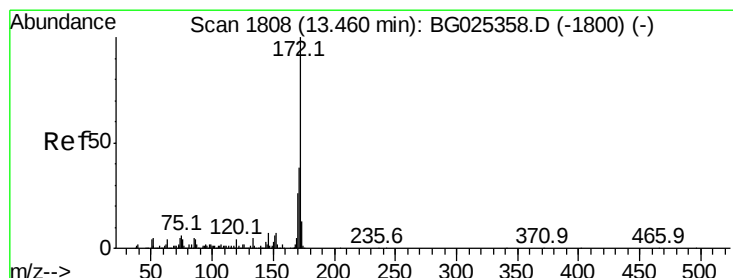
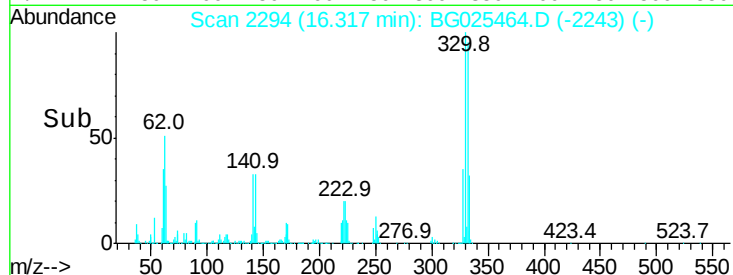
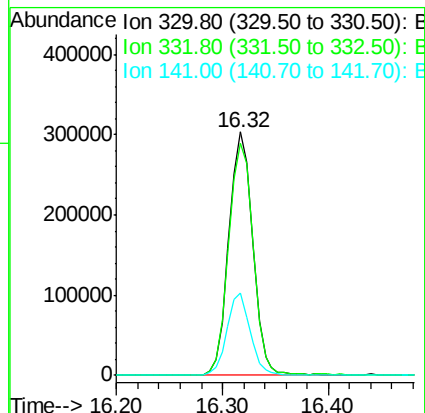
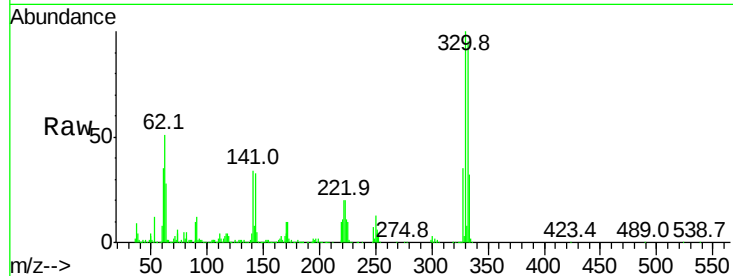




#41
 2,4,6-Tribromophenol
 Concen: 163.99 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG025464.D
 Acq: 10 Jan 2017 22:59

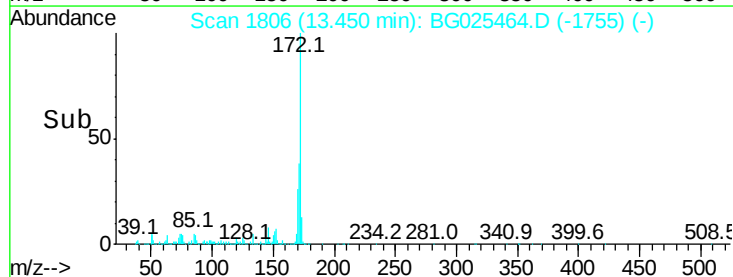
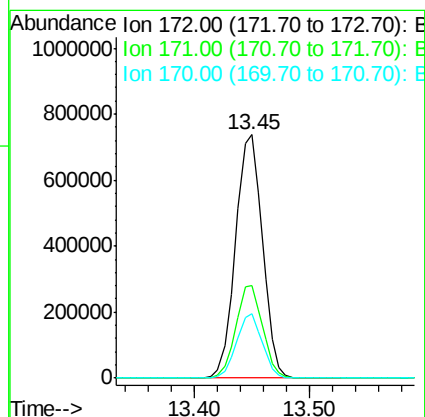
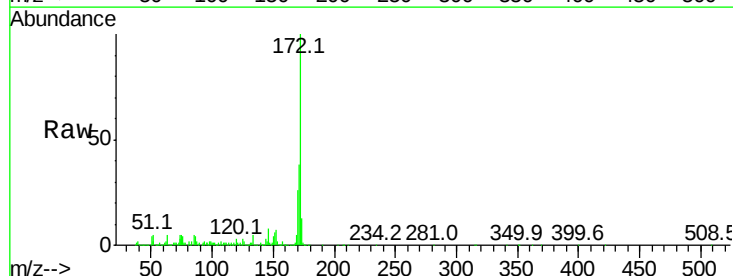
Instrument :
 BNA_G
 ClientSampleId :
 W-06

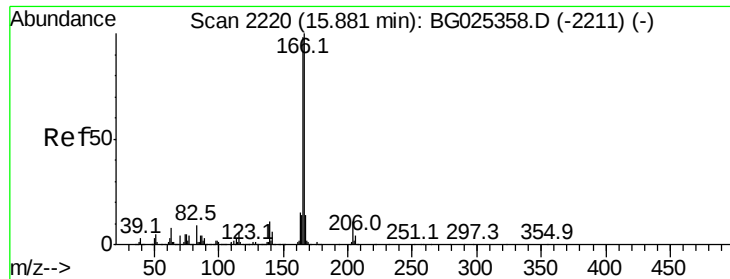
Tot Ion:330 Resp: 476978
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 32.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 106.74 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG025464.D
 Acq: 10 Jan 2017 22:59

Tgt Ion:172 Resp: 1191188
 Ion Ratio Lower Upper
 172 100
 171 38.2 32.2 48.2
 170 26.2 21.8 32.6





#57

Fluorene

Concen: 2.18 ng

RT: 15.87 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

BNA_G

ClientSampleId :

W-06

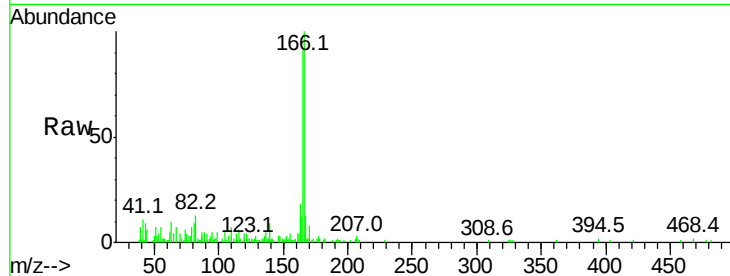
Tot Ion:166 Resp: 27771

Ion Ratio Lower Upper

166 100

165 90.8 78.6 117.8

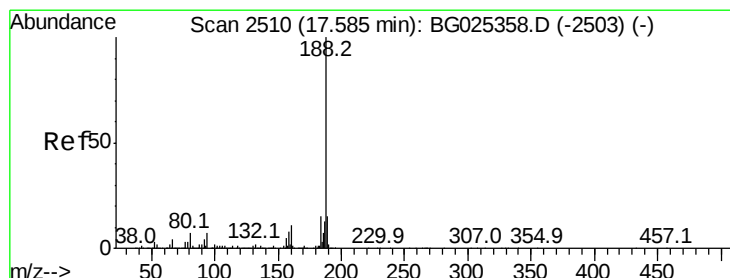
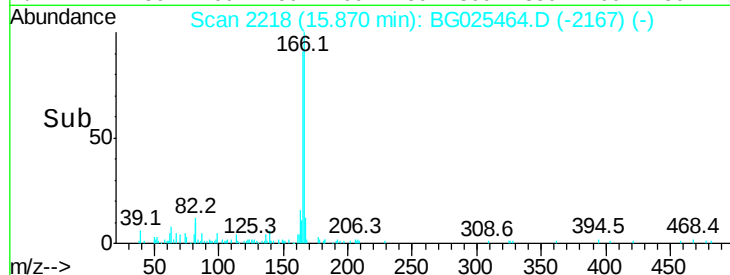
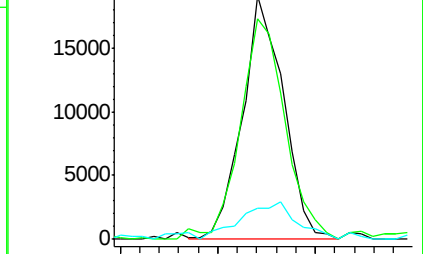
167 12.6 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

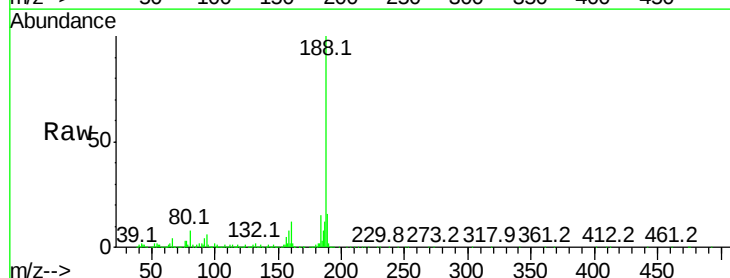
Tgt Ion:188 Resp: 415496

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

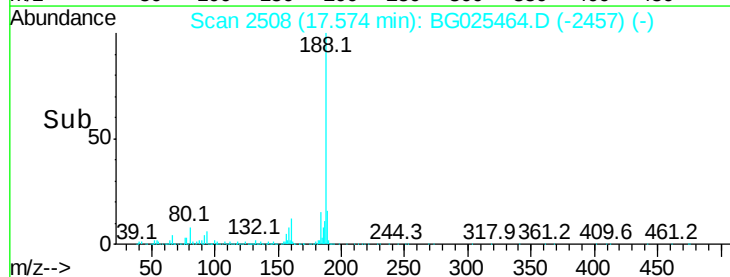
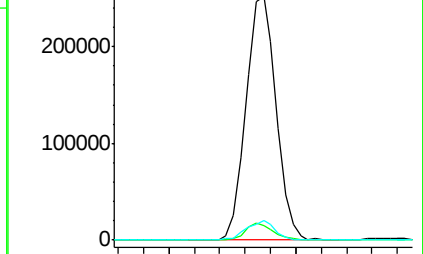
80 7.8 7.5 11.3

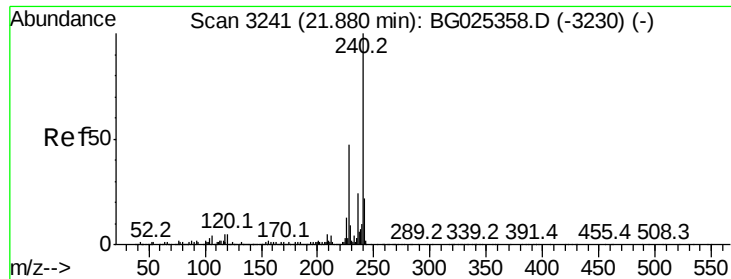


Abundance Ion 188.00 (187.70 to 188.70): E

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. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

BNA_G

ClientSampleId :

W-06

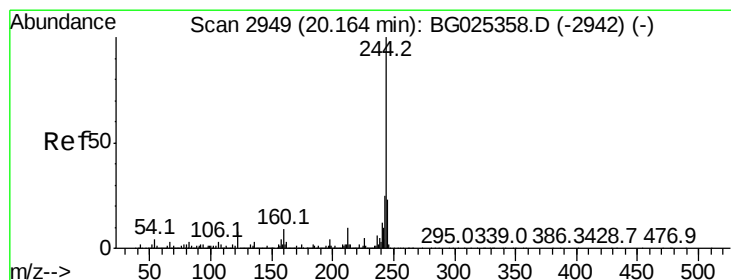
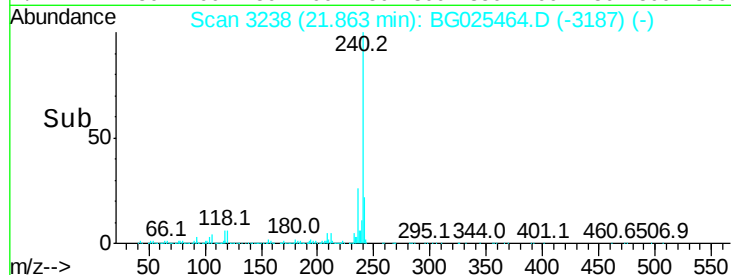
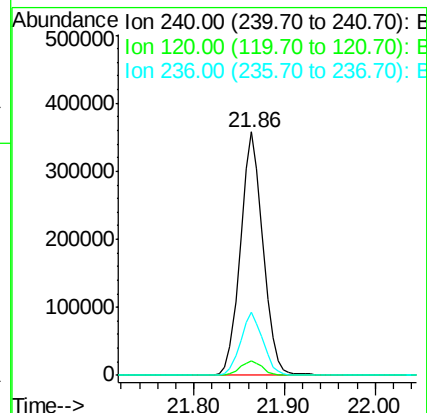
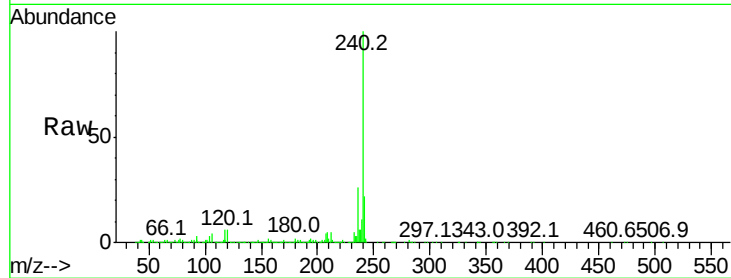
Tot Ion:240 Resp: 622683

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

236 26.1 22.2 33.4



#78

Terphenyl-d14

Concen: 100.30 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

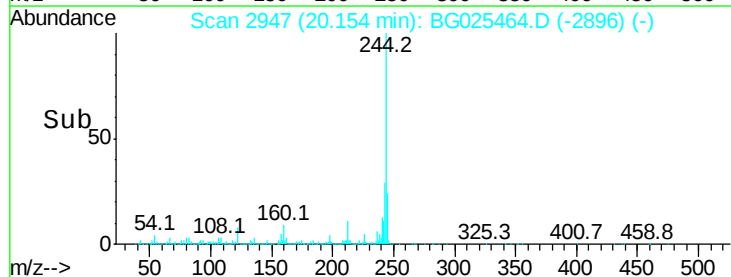
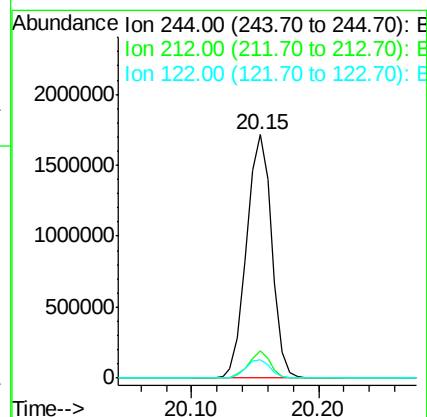
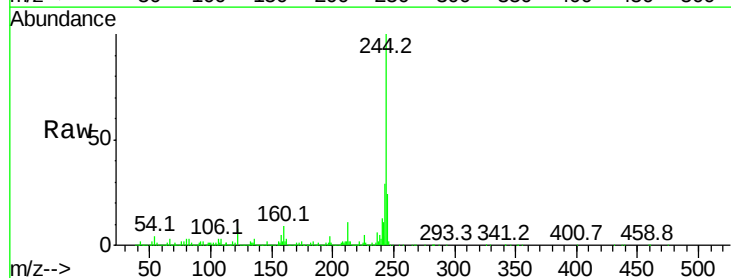
Tgt Ion:244 Resp: 2355621

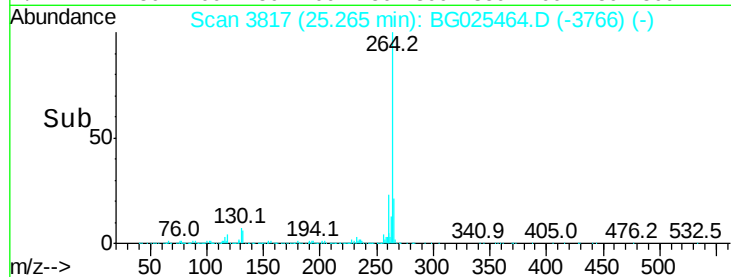
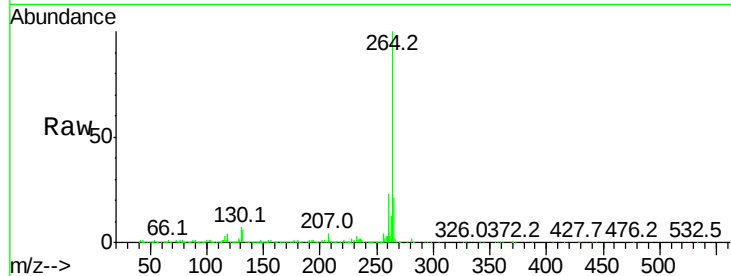
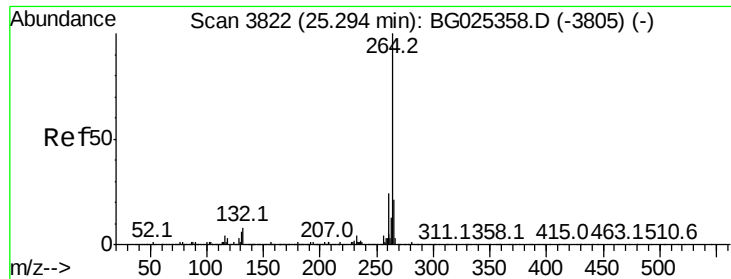
Ion Ratio Lower Upper

244 100

212 11.3 10.0 15.0

122 7.5 8.6 12.8#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.27 min Scan# 3817

Delta R.T. 0.00 min

Lab File: BG025464.D

Acq: 10 Jan 2017 22:59

Instrument :

BNA_G

ClientSampleId :

W-06

Tot Ion:264 Resp: 680281

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 21.0 18.2 27.4

