

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
 Data File : BG025405.D
 Acq On : 29 Dec 2016 15:32
 Operator : UM/SJ
 Sample : PB95674BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95674BL

Quant Time: Dec 30 00:45:15 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	8.20	152	49494	20.00	ng	-0.01
21) Naphthalene-d8	11.04	136	204555	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	163531	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	387916	20.00	ng	0.00
75) Chrysene-d12	21.87	240	575871	20.00	ng	0.00
86) Perylene-d12	25.29	264	605226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	406273	149.20	ng	0.00
7) Phenol-d6	7.37	99	554554	144.61	ng	0.00
23) Nitrobenzene-d5	9.39	82	412460	89.08	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	362829	137.81	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	933582	92.43	ng	0.00
78) Terphenyl-d14	20.16	244	1864526	85.85	ng	0.00

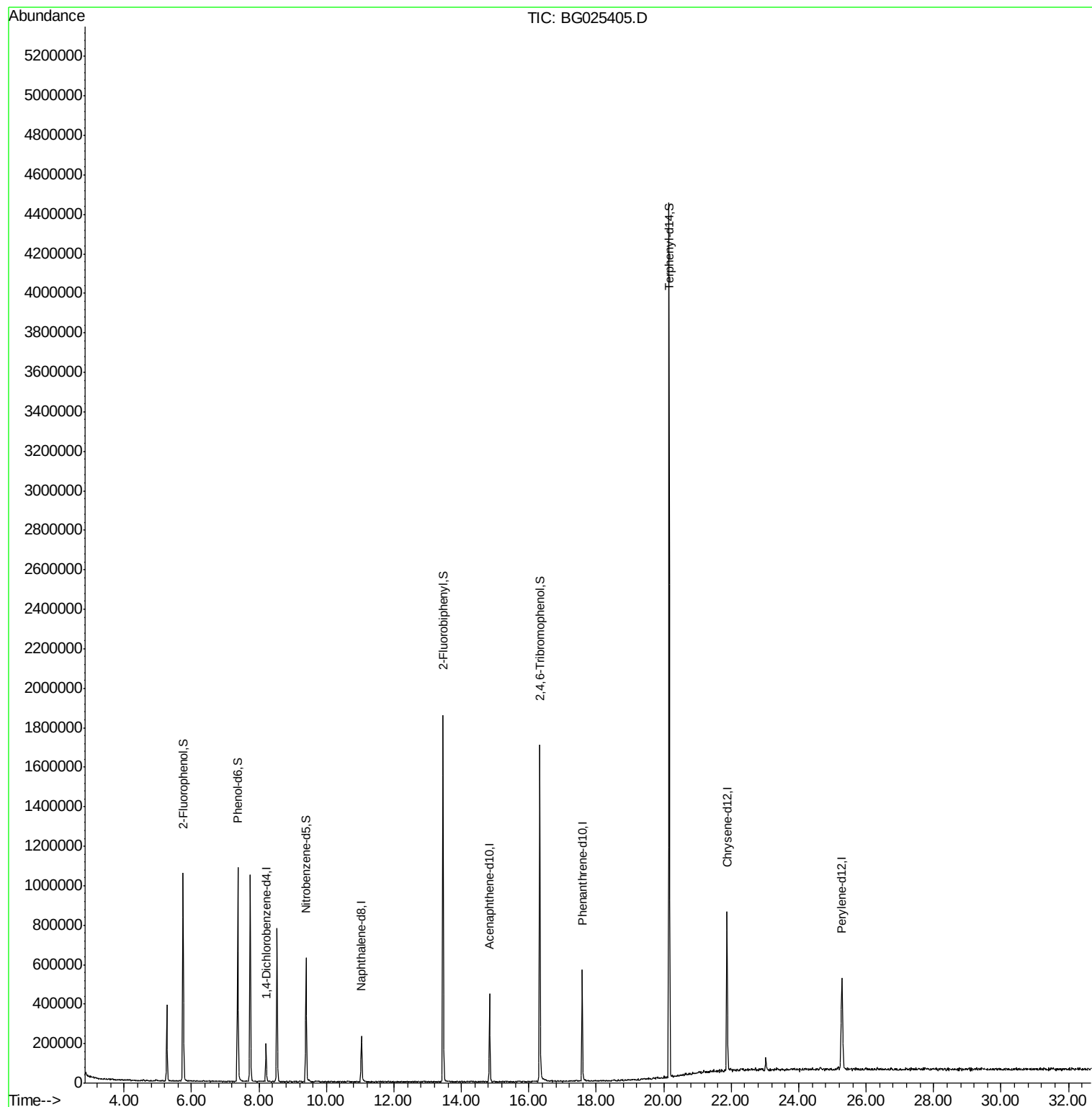
Target Compounds Qvalue

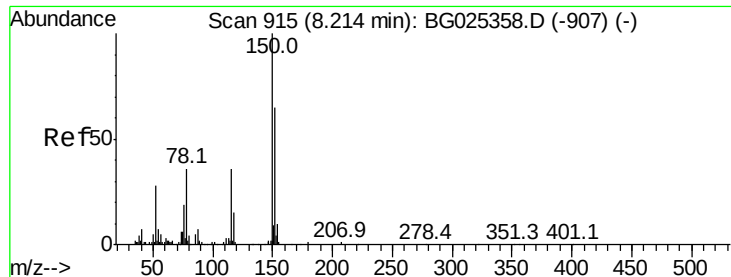
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
Data File : BG025405.D
Acq On : 29 Dec 2016 15:32
Operator : UM/SJ
Sample : PB95674BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB95674BL

Quant Time: Dec 30 00:45:15 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

Instrument :

BNA_G

ClientSampleId :

PB95674BL

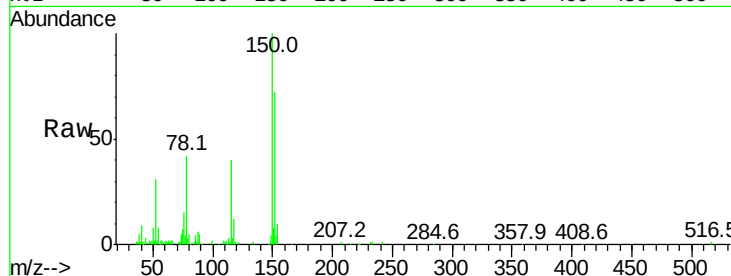
Tot Ion:152 Resp: 49494

Ion Ratio Lower Upper

152 100

150 139.8 114.0 171.0

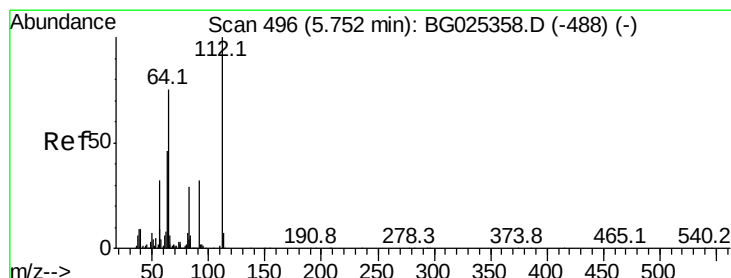
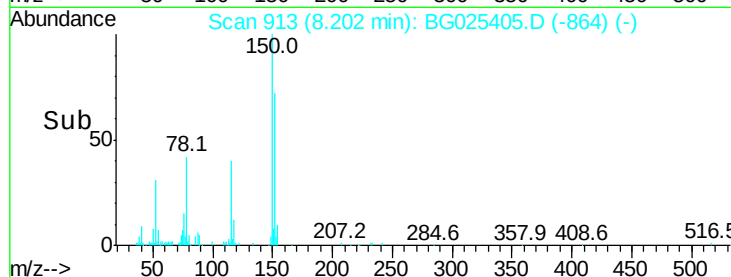
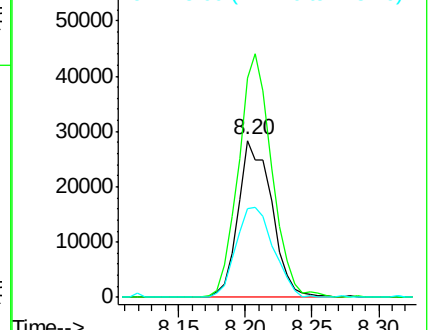
115 56.6 48.1 72.1



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: 149.20 ng

RT: 5.75 min Scan# 496

Delta R.T. 0.00 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

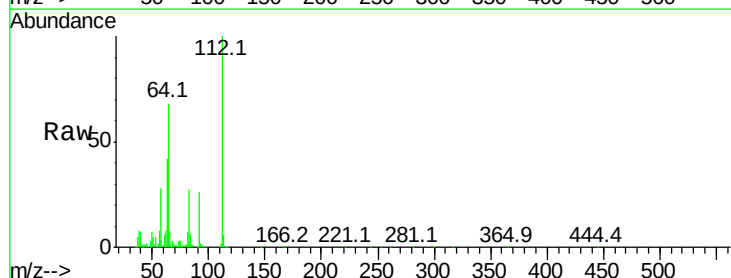
Tgt Ion:112 Resp: 406273

Ion Ratio Lower Upper

112 100

64 68.1 61.8 92.6

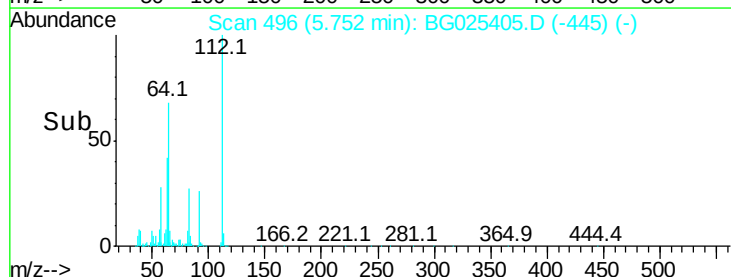
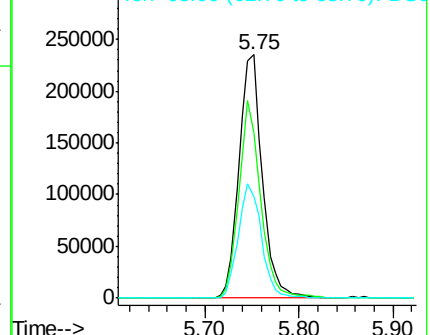
63 41.7 37.2 55.8

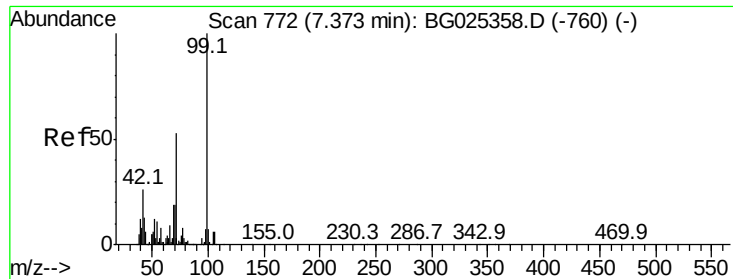


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.61 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

Instrument :

BNA_G

ClientSampleId :

PB95674BL

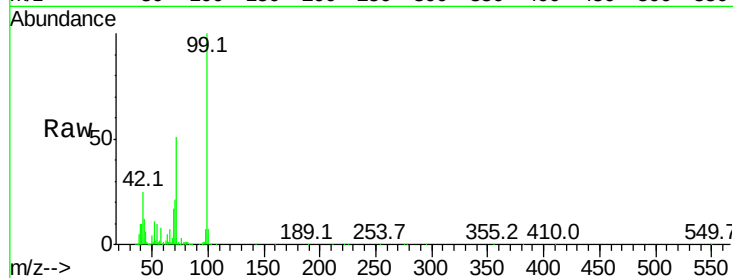
Tot Ion: 99 Resp: 554554

Ion Ratio Lower Upper

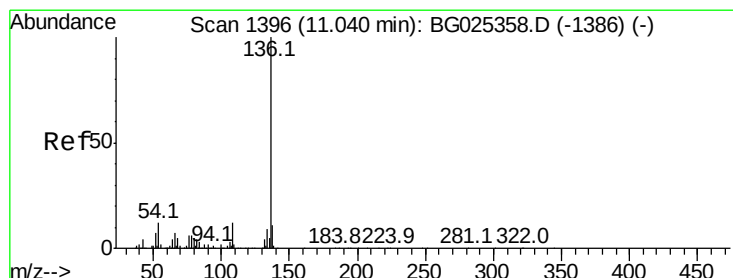
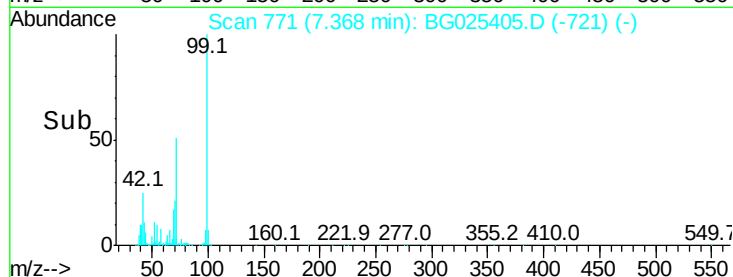
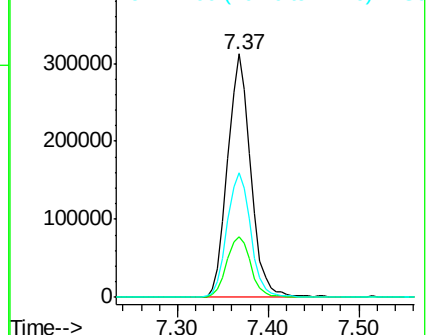
99 100

42 24.9 20.5 30.7

71 51.0 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: 11.04 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

Tgt Ion: 136 Resp: 204555

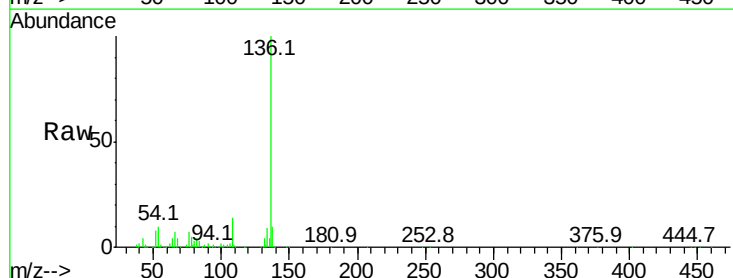
Ion Ratio Lower Upper

136 100

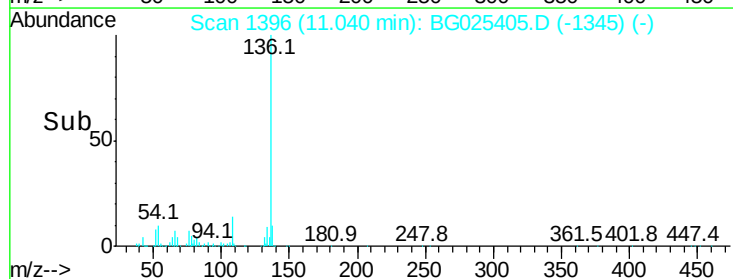
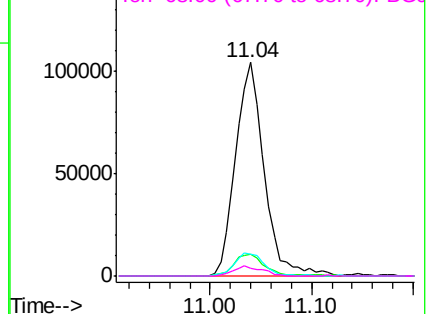
137 10.1 8.9 13.3

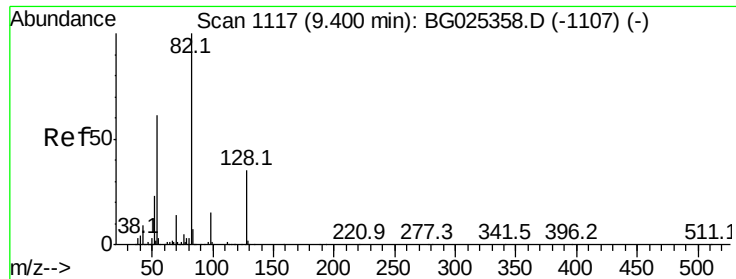
54 10.3 9.3 13.9

68 3.6 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

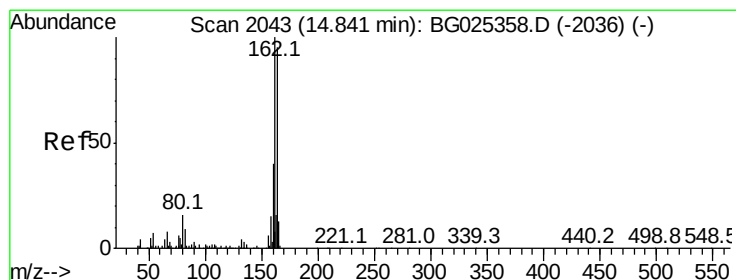
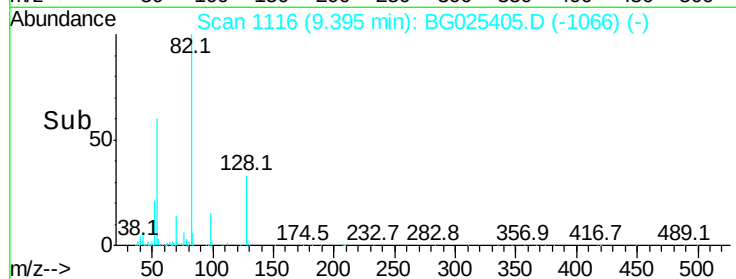
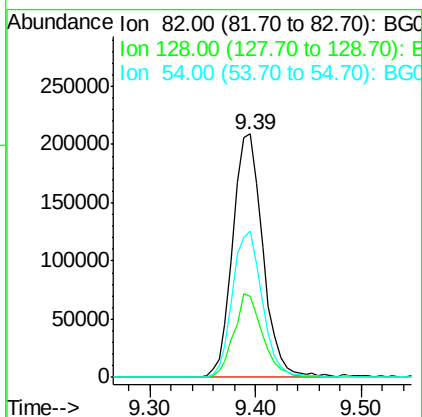
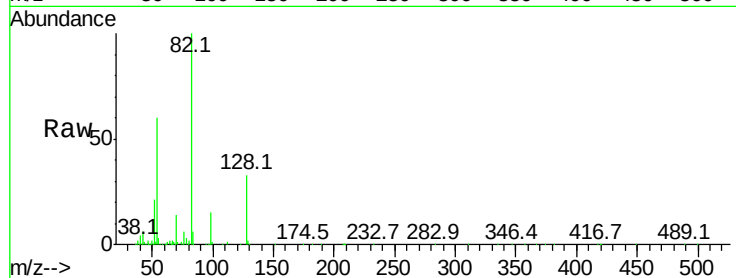




#23
Nitrobenzene-d5
Concen: 89.08 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025405.D
Acq: 29 Dec 2016 15:32

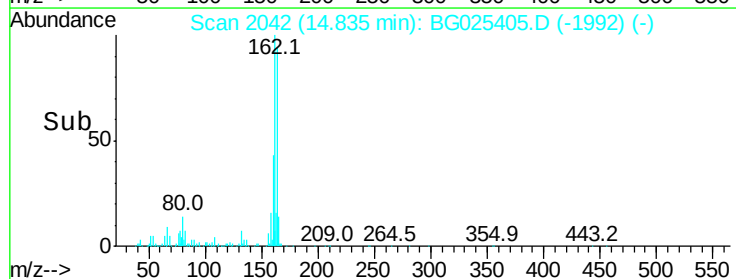
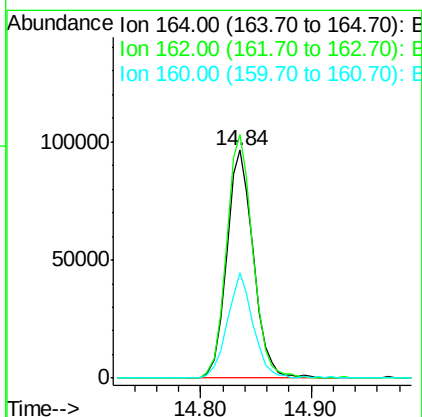
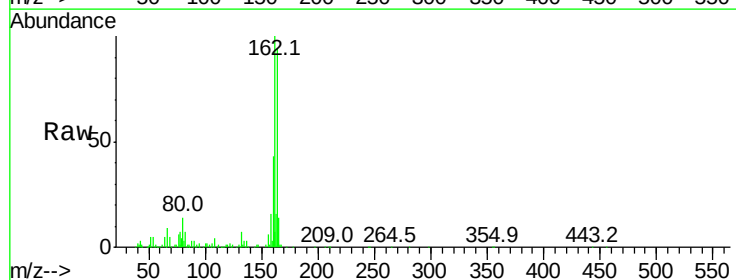
Instrument :
BNA_G
ClientSampled :
PB95674BL

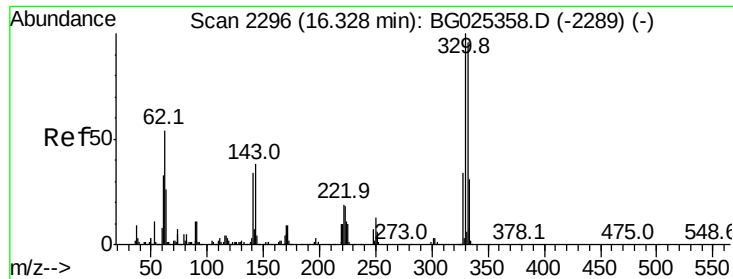
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.4	26.4	39.6
54	60.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG025405.D
Acq: 29 Dec 2016 15:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	85.1	127.7
160	46.1	34.7	52.1

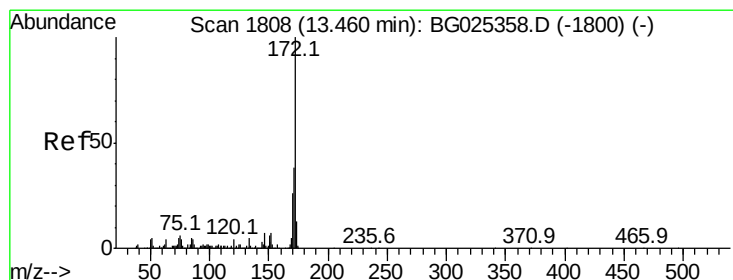
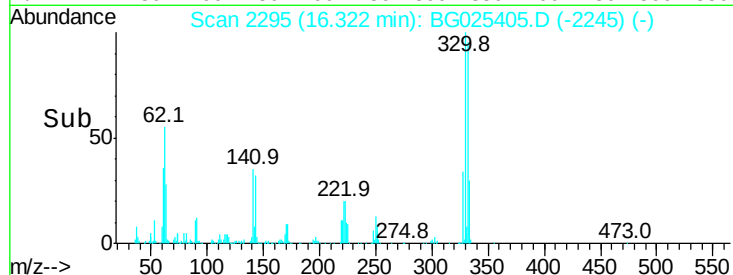
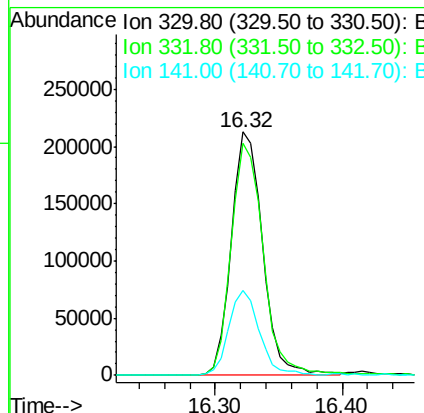
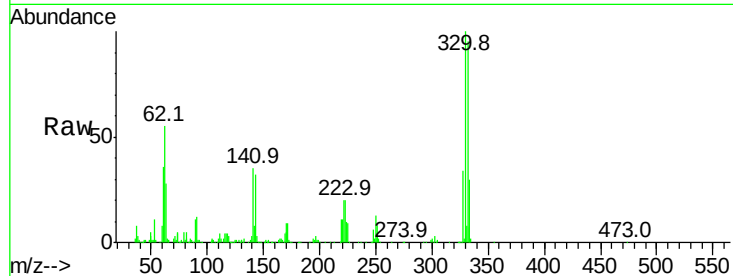




#41
 2,4,6-Tribromophenol
 Concen: 137.81 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG025405.D
 Acq: 29 Dec 2016 15:32

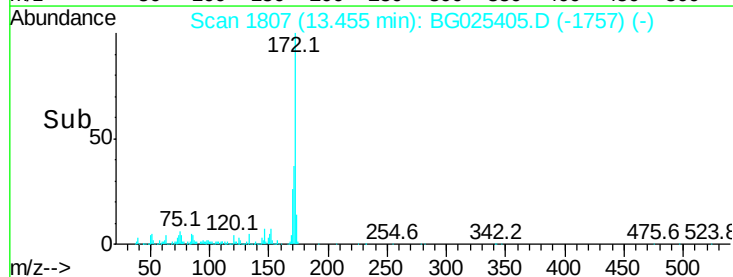
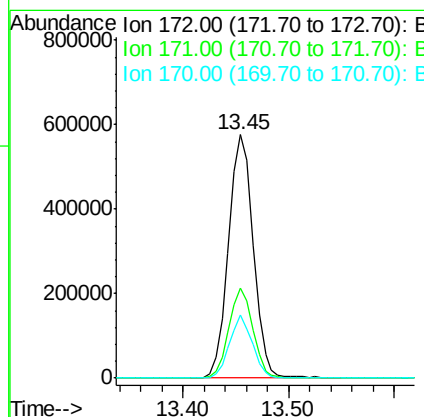
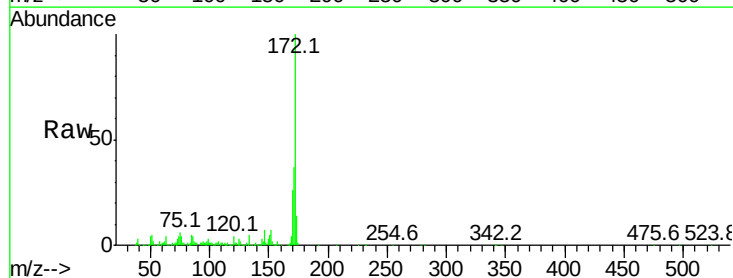
Instrument :
 BNA_G
 ClientSampled :
 PB95674BL

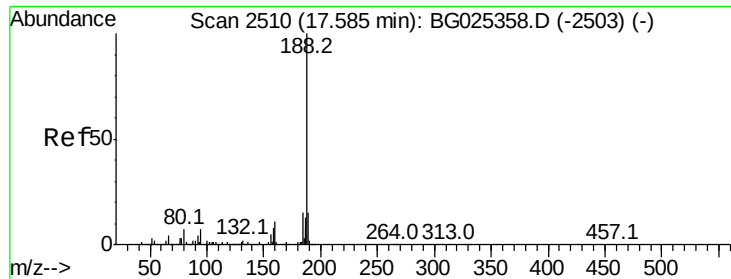
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	34.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.43 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BG025405.D
 Acq: 29 Dec 2016 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	26.1	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

Instrument :

BNA_G

ClientSampleId :

PB95674BL

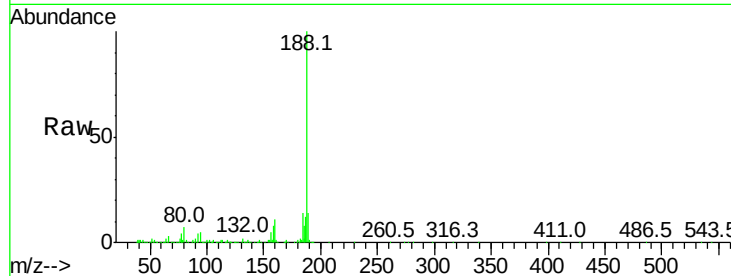
Tot Ion:188 Resp: 387916

Ion Ratio Lower Upper

188 100

94 4.9 5.8 8.8#

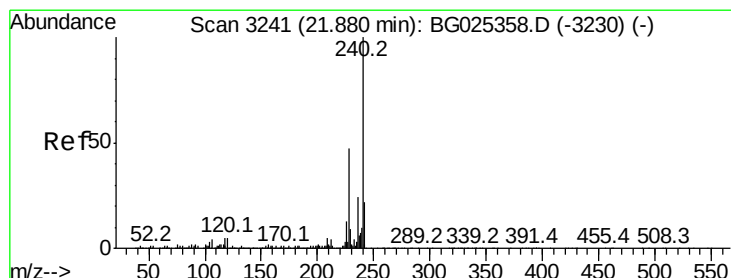
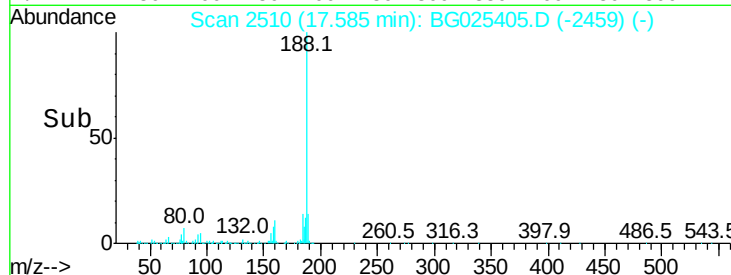
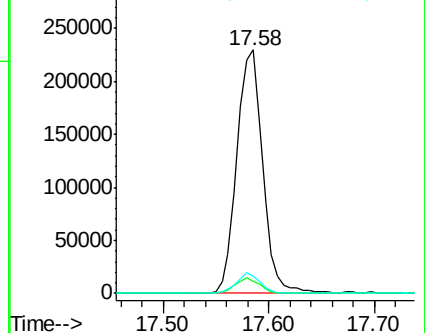
80 6.8 7.5 11.3#



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: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

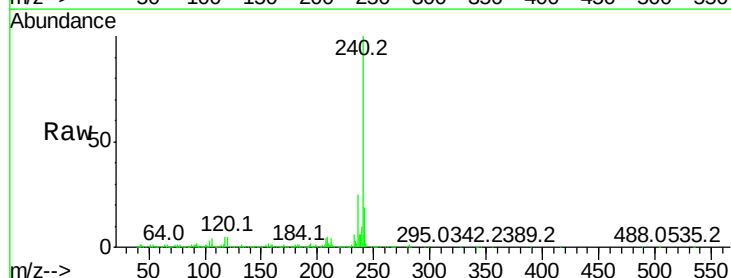
Tgt Ion:240 Resp: 575871

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

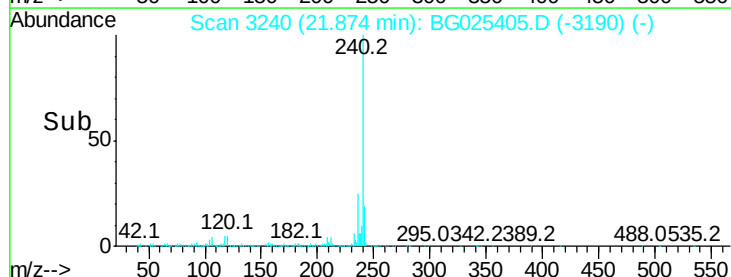
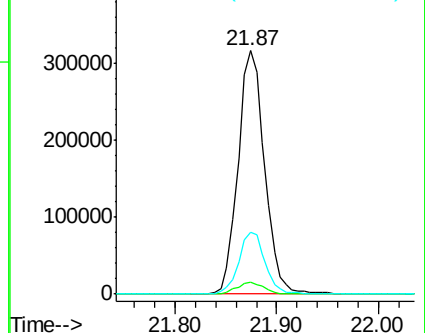
236 25.3 22.2 33.4

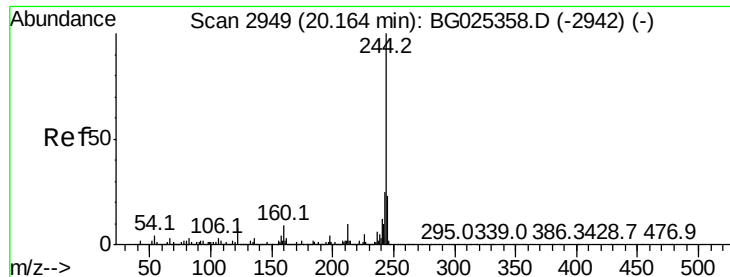


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.85 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

Instrument :

BNA_G

ClientSampleId :

PB95674BL

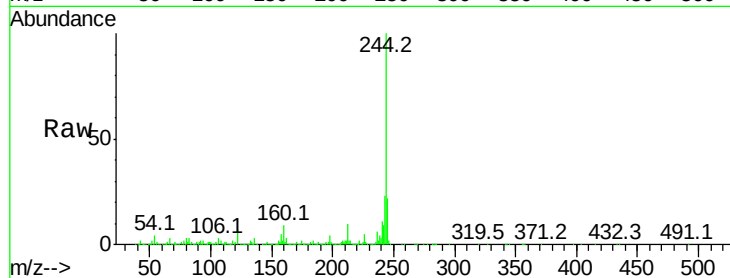
Tot Ion:244 Resp: 1864526

Ion Ratio Lower Upper

244 100

212 9.7 10.0 15.0#

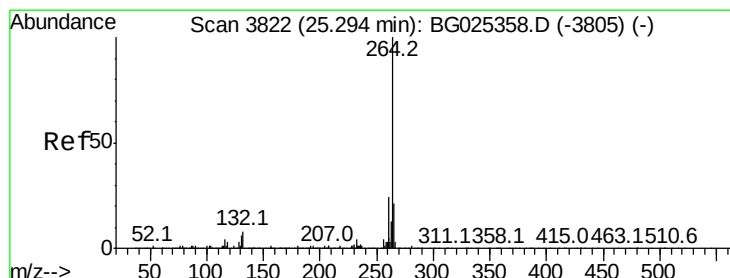
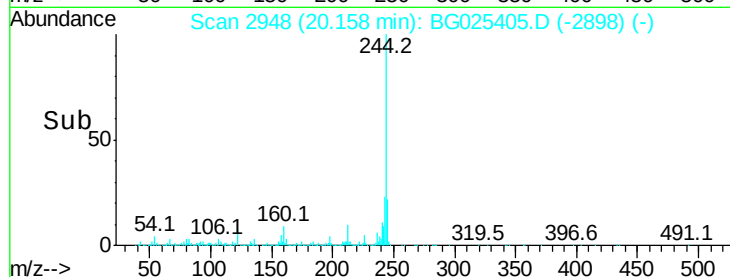
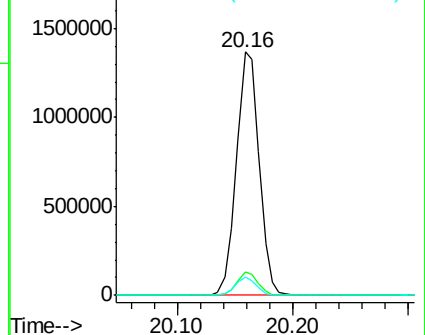
122 7.3 8.6 12.8#



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# 3821

Delta R.T. -0.01 min

Lab File: BG025405.D

Acq: 29 Dec 2016 15:32

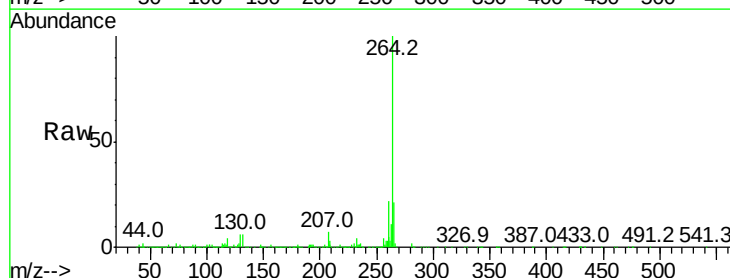
Tgt Ion:264 Resp: 605226

Ion Ratio Lower Upper

264 100

260 21.8 21.8 32.8#

265 21.2 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

