

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\
 Data File : BG025414.D
 Acq On : 30 Dec 2016 15:20
 Operator : UM/SJ
 Sample : PB95693BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95693BL

Quant Time: Dec 30 22:42:23 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	45125	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	193067	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	156749	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	369747	20.00	ng	0.00
75) Chrysene-d12	21.87	240	571449	20.00	ng	0.00
86) Perylene-d12	25.29	264	603585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	354193	142.67	ng	0.00
7) Phenol-d6	7.37	99	493929	141.27	ng	0.00
23) Nitrobenzene-d5	9.39	82	355235	81.28	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	309465	122.63	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	815364	84.21	ng	0.00
78) Terphenyl-d14	20.16	244	1680224	77.96	ng	0.00

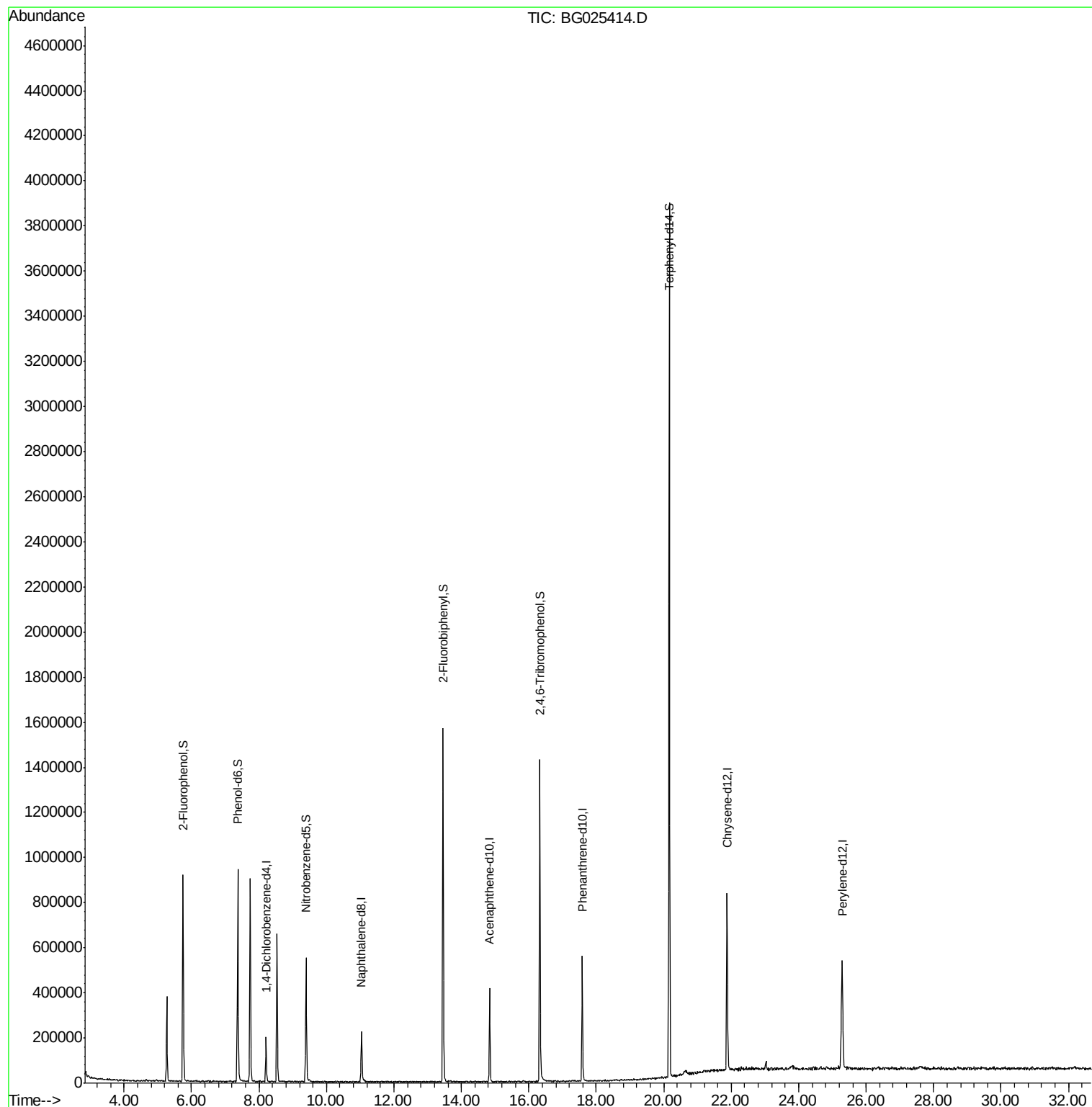
Target Compounds Qvalue

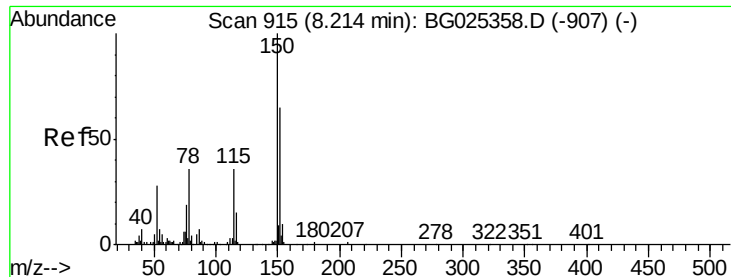
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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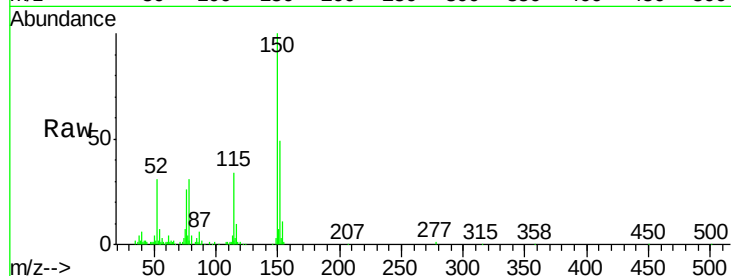


#1

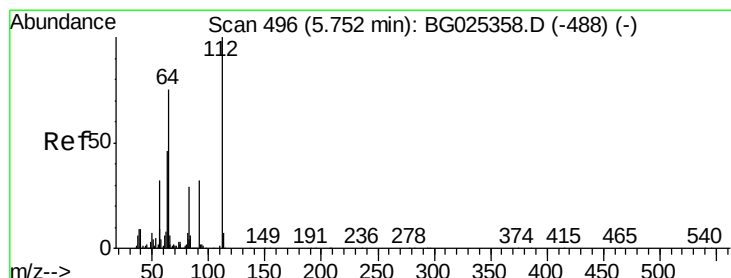
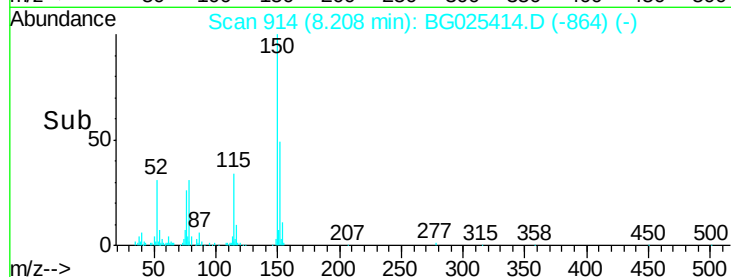
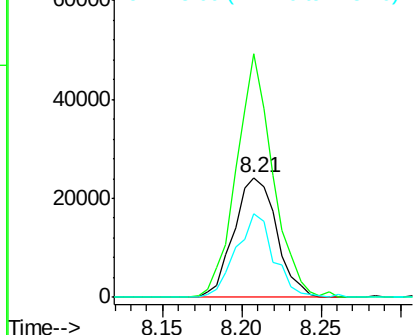
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG025414.D
Acq: 30 Dec 2016 15:20

Instrument :
BNA_G
ClientSampleId :
PB95693BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	203.0	114.0	171.0#
115	69.5	48.1	72.1



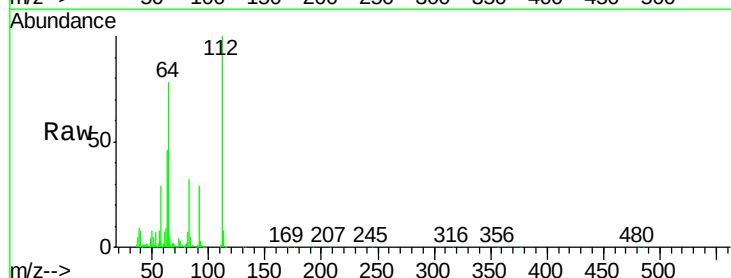
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



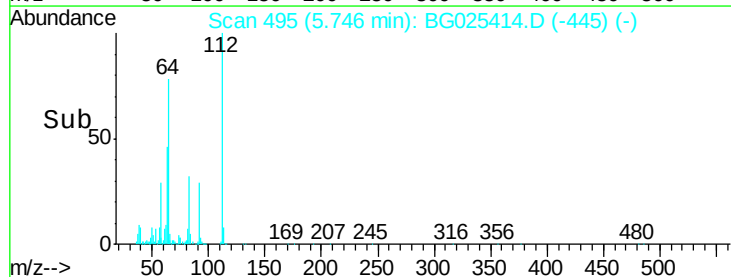
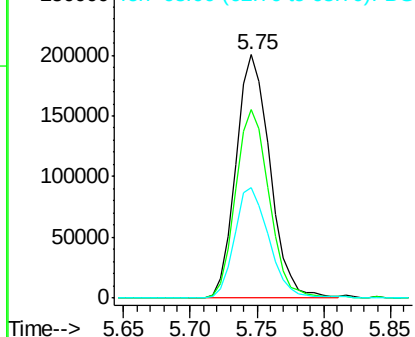
#5

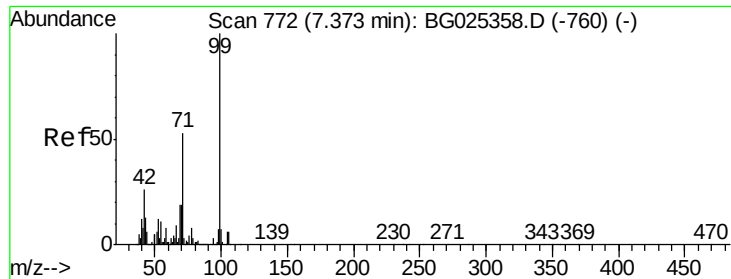
2-Fluorophenol
Concen: 142.67 ng
RT: 5.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: BG025414.D
Acq: 30 Dec 2016 15:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.6	61.8	92.6
63	45.6	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: 141.27 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

Instrument :

BNA_G

ClientSampleId :

PB95693BL

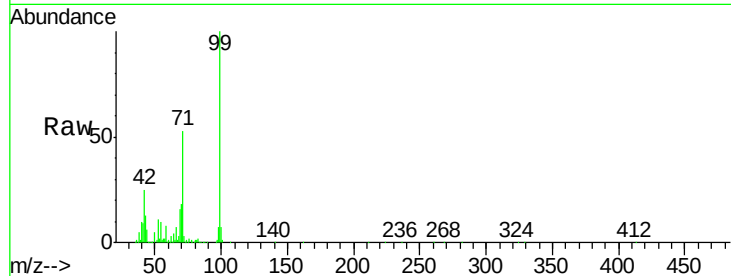
Tot Ion: 99 Resp: 493929

Ion Ratio Lower Upper

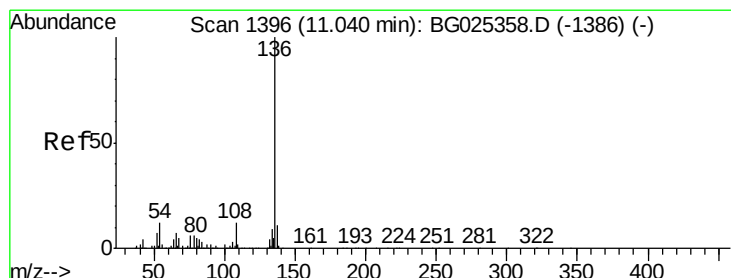
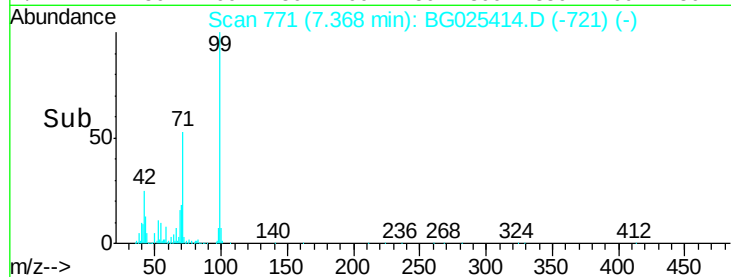
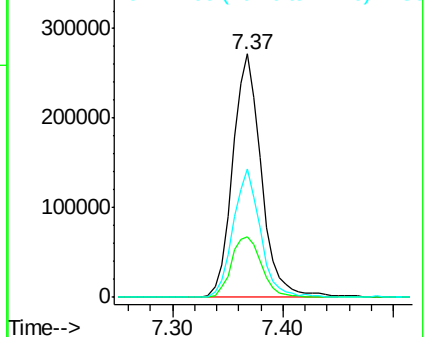
99 100

42 24.9 20.5 30.7

71 52.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

Tgt Ion: 136 Resp: 193067

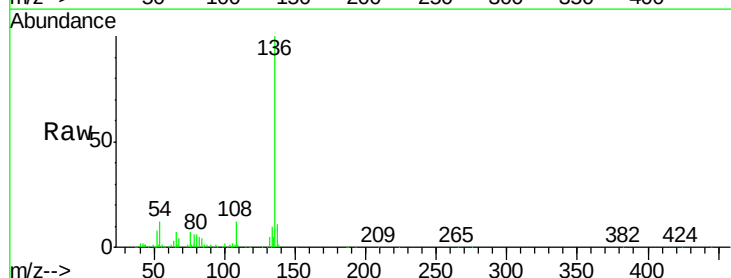
Ion Ratio Lower Upper

136 100

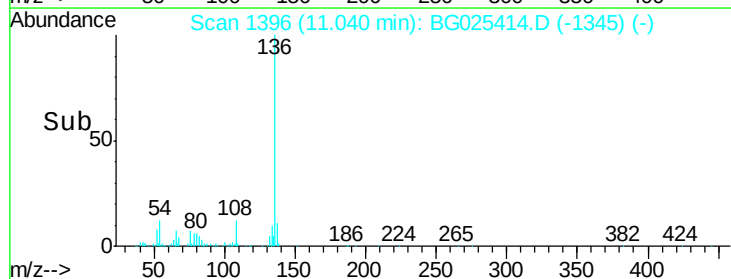
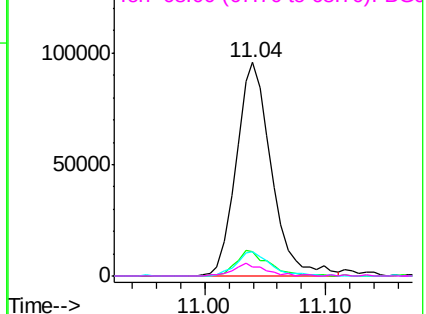
137 11.5 8.9 13.3

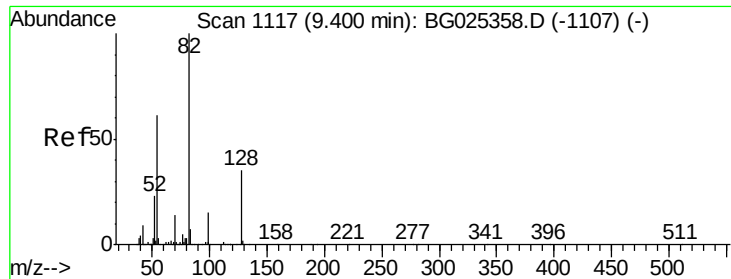
54 11.5 9.3 13.9

68 4.2 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

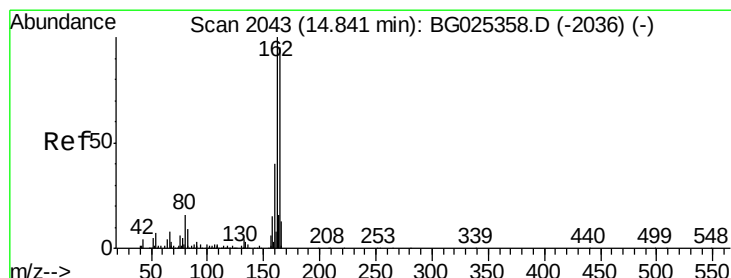
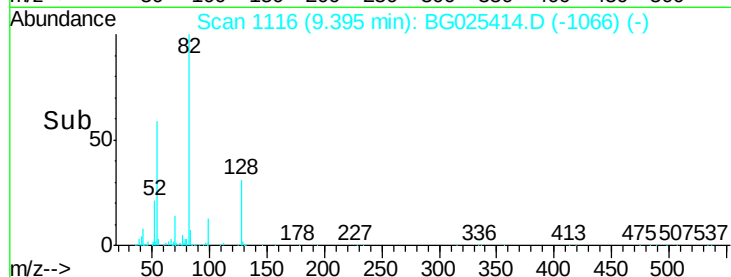
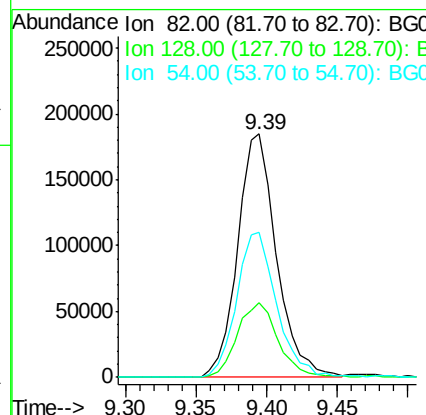
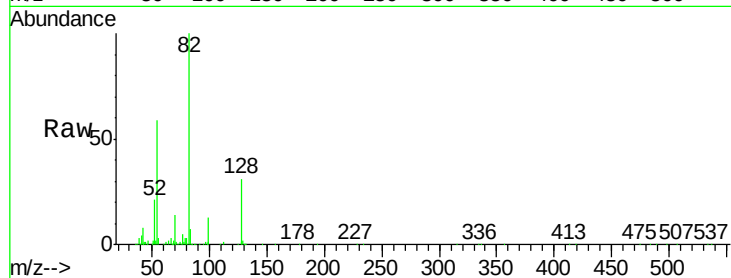




#23
 Nitrobenzene-d5
 Concen: 81.28 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025414.D
 Acq: 30 Dec 2016 15:20

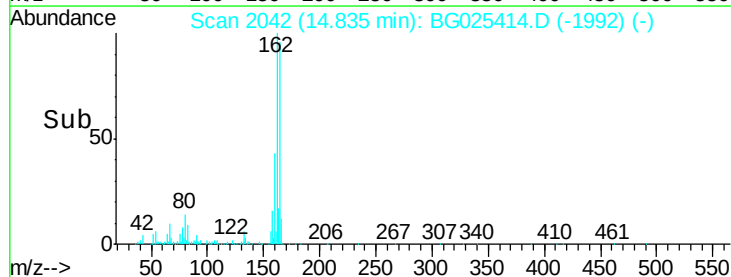
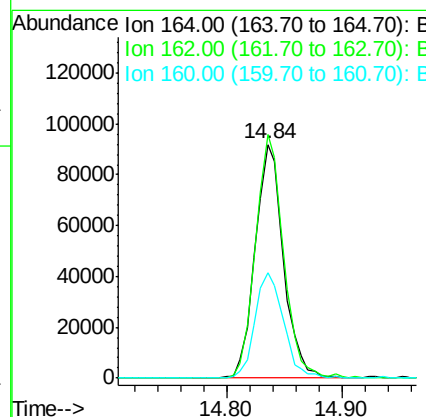
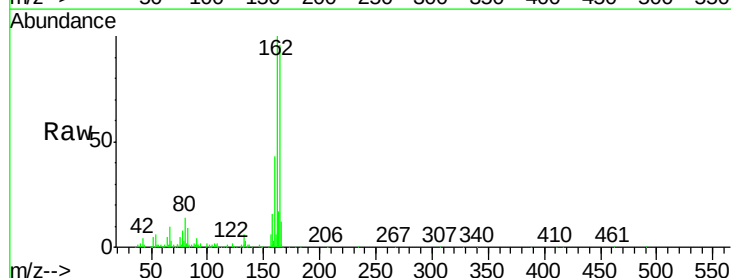
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BL

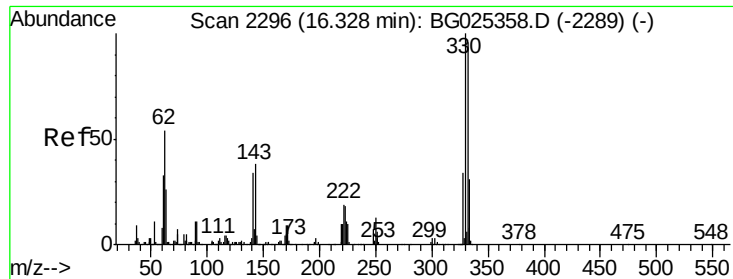
Tot Ion	Ratio	Lower	Upper
82	100		
128	30.6	26.4	39.6
54	59.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.84 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG025414.D
 Acq: 30 Dec 2016 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	45.1	34.7	52.1

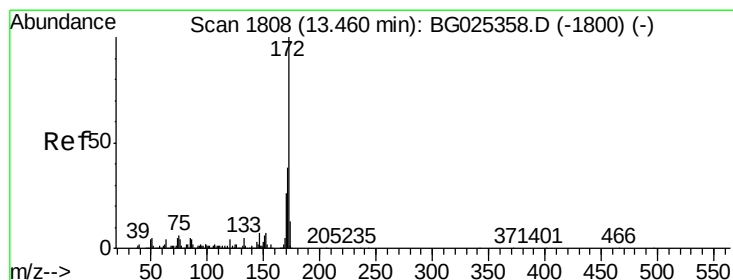
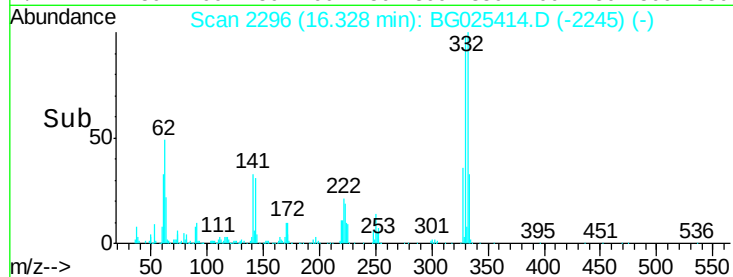
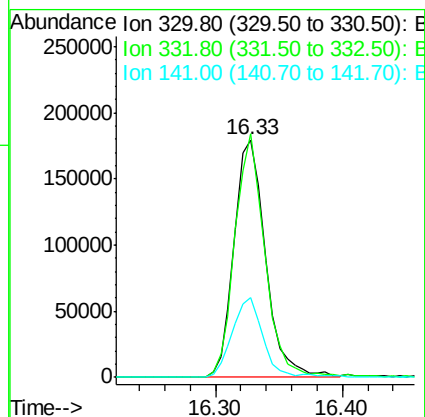
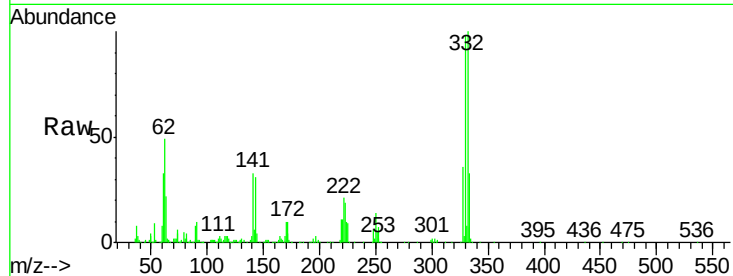




#41
 2,4,6-Tribromophenol
 Concen: 122.63 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG025414.D
 Acq: 30 Dec 2016 15:20

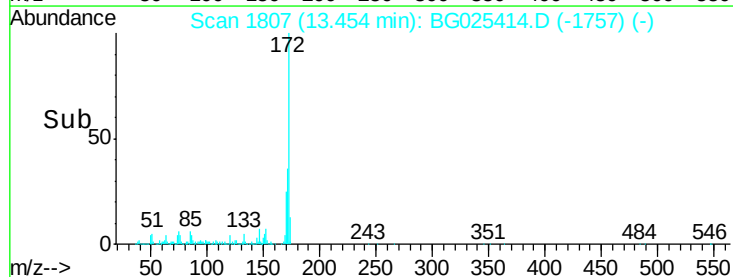
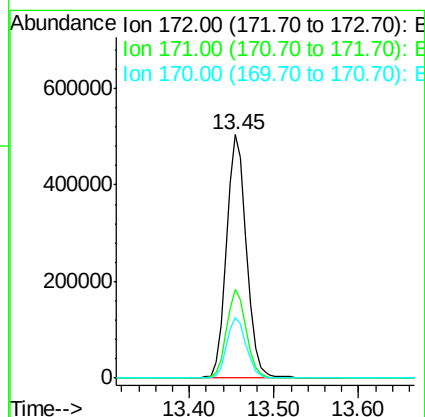
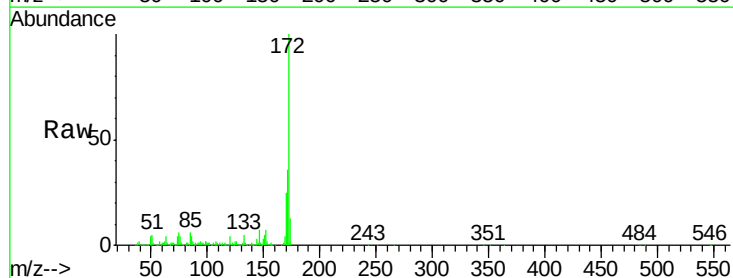
Instrument :
 BNA_G
 ClientSampleId :
 PB95693BL

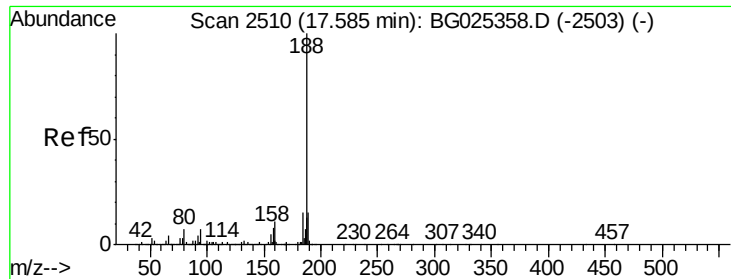
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	33.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 84.21 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BG025414.D
 Acq: 30 Dec 2016 15:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	32.2	48.2
170	24.7	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: BG025414.D

Acq: 30 Dec 2016 15:20

Instrument :

BNA_G

ClientSampleId :

PB95693BL

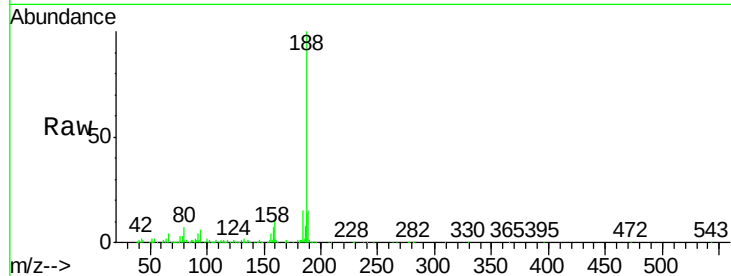
Tot Ion:188 Resp: 369747

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

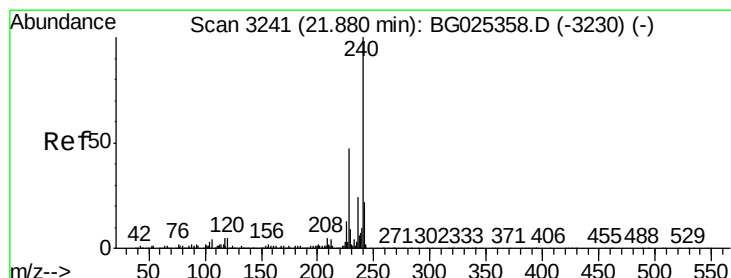
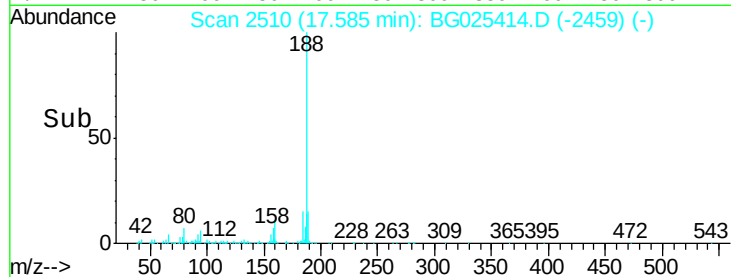
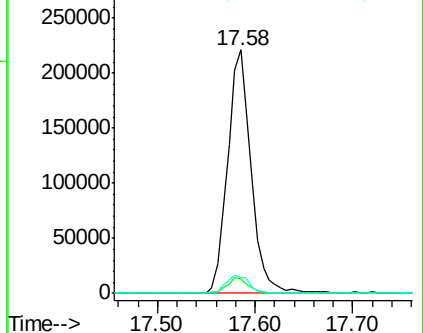
80 6.6 7.5 11.3#



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: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

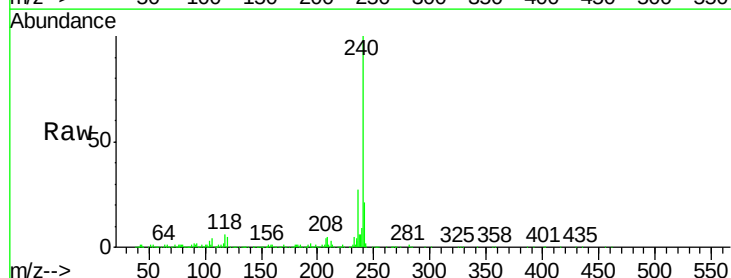
Tgt Ion:240 Resp: 571449

Ion Ratio Lower Upper

240 100

120 4.6 5.7 8.5#

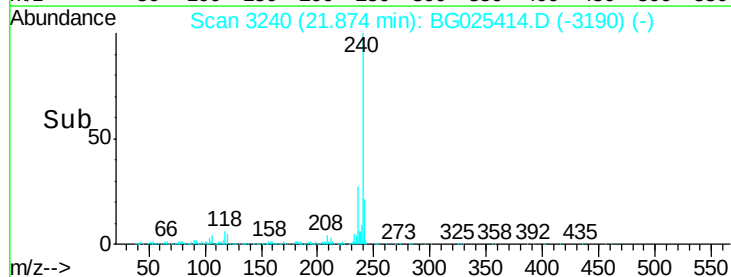
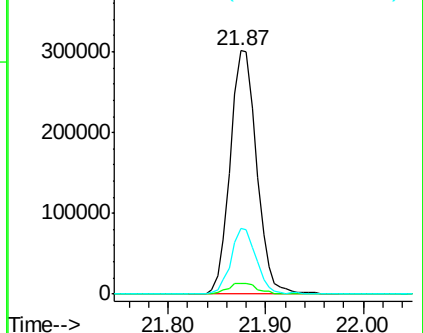
236 27.2 22.2 33.4

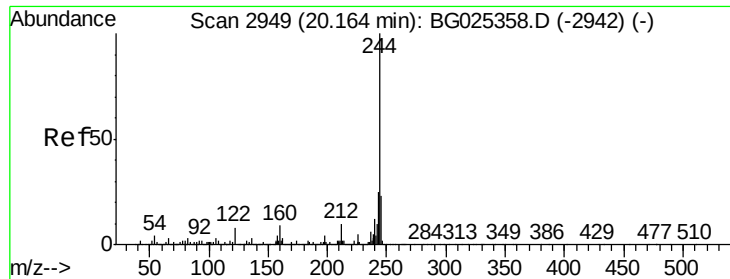


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.96 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

Instrument :

BNA_G

ClientSampleId :

PB95693BL

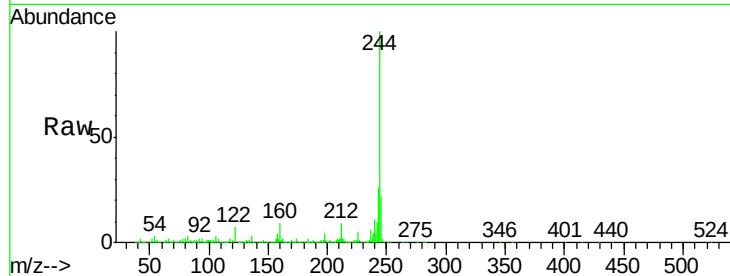
Tot Ion:244 Resp: 1680224

Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	6.7	8.6	12.8#

244 100

212 9.3 10.0 15.0#

122 6.7 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

20.16

1500000

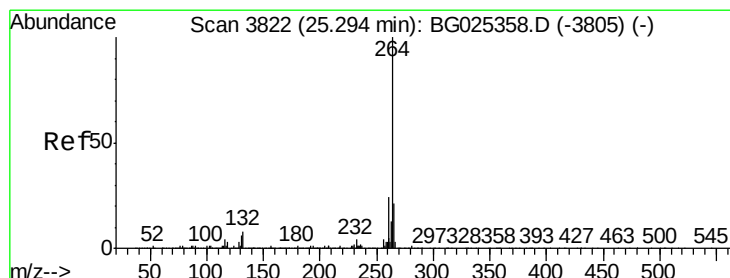
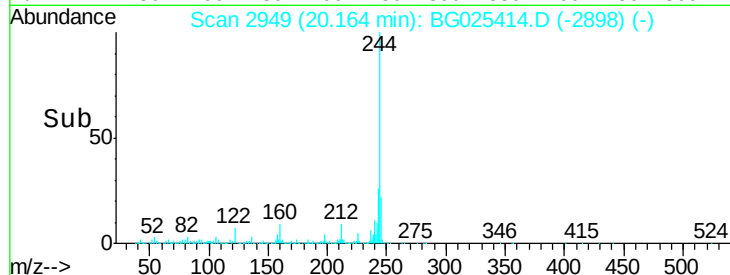
1000000

500000

0

Time-->

20.10 20.20 20.30



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.29 min Scan# 3821

Delta R.T. -0.01 min

Lab File: BG025414.D

Acq: 30 Dec 2016 15:20

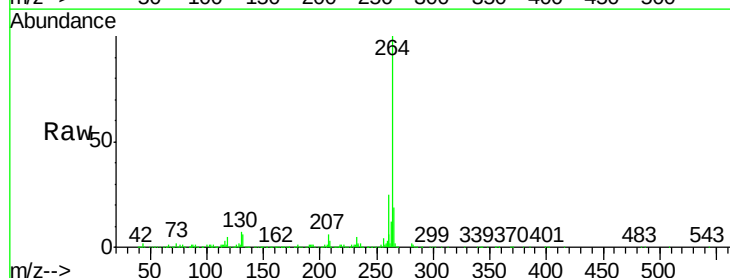
Tgt Ion:264 Resp: 603585

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	19.3	18.2	27.4

264 100

260 24.5 21.8 32.8

265 19.3 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

25.29

250000

200000

150000

100000

50000

0

Time-->

25.10 25.20 25.30 25.40

