

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011117\
 Data File : BG025472.D
 Acq On : 11 Jan 2017 14:01
 Operator : UM/SJ
 Sample : PB95912BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95912BL

Quant Time: Jan 11 15:45:40 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	55638	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	218191	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	175369	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	415653	20.00	ng	0.00
75) Chrysene-d12	21.87	240	618107	20.00	ng	0.00
86) Perylene-d12	25.26	264	655391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	433526	141.63	ng	0.00
7) Phenol-d6	7.36	99	598798	138.90	ng	0.00
23) Nitrobenzene-d5	9.39	82	435694	88.21	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	361711	128.11	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	936021	86.41	ng	0.00
78) Terphenyl-d14	20.16	244	1956981	83.95	ng	0.00

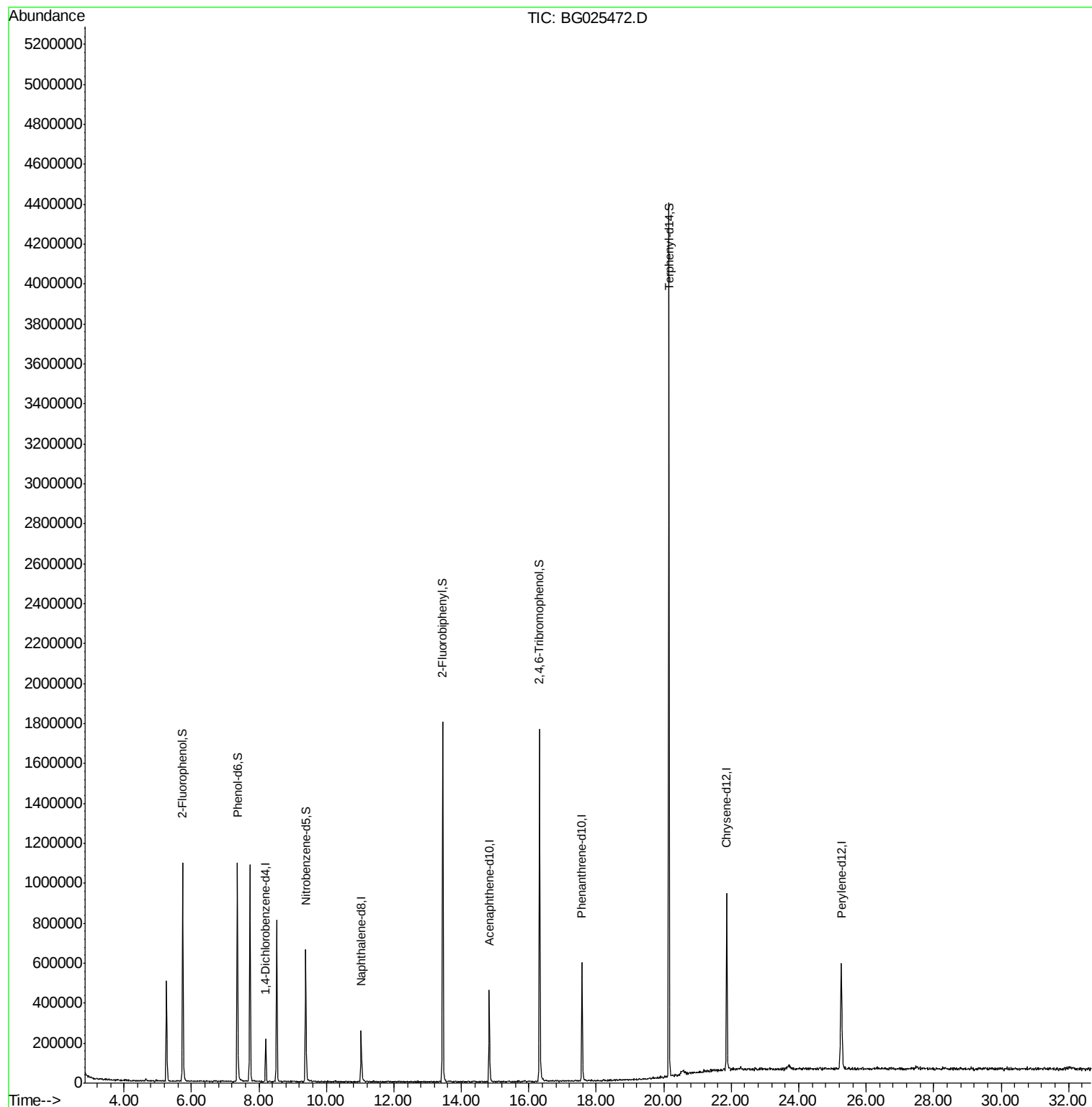
Target Compounds Qvalue

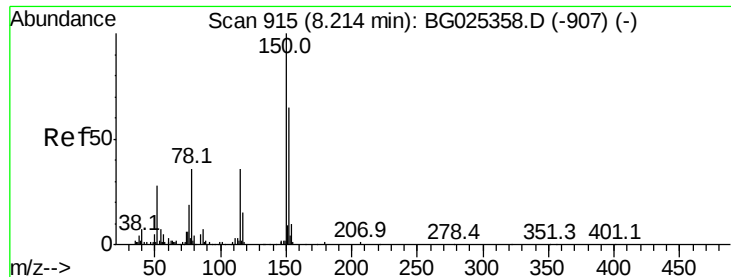
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

Instrument :

BNA_G

ClientSampleId :

PB95912BL

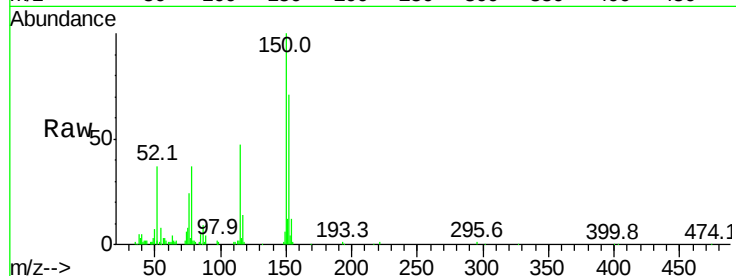
Tot Ion:152 Resp: 55638

Ion Ratio Lower Upper

152 100

150 140.4 114.0 171.0

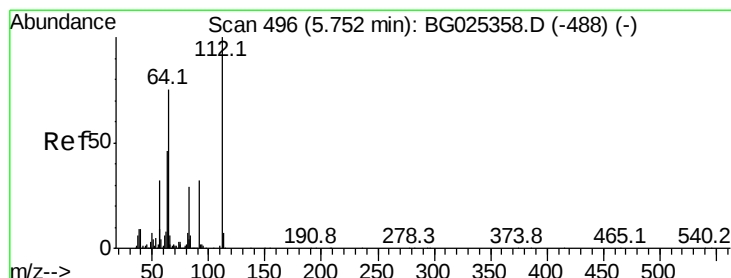
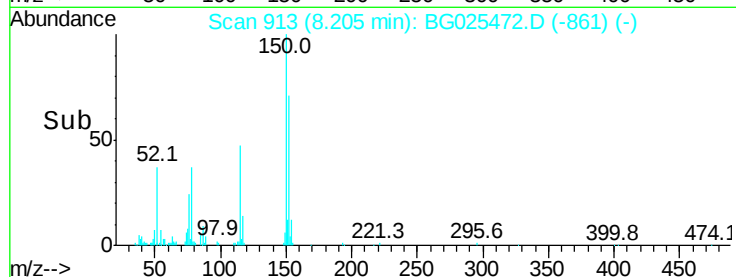
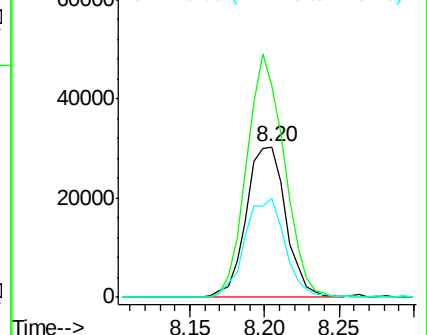
115 65.7 48.1 72.1



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: 141.63 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

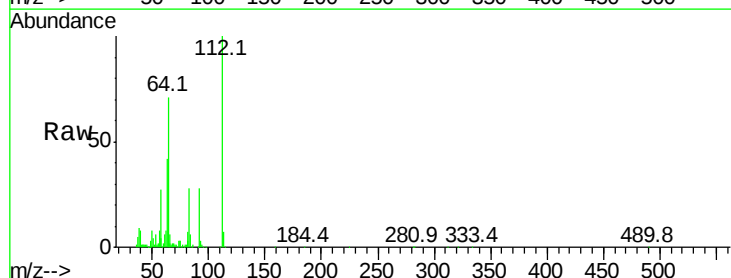
Tgt Ion:112 Resp: 433526

Ion Ratio Lower Upper

112 100

64 71.1 61.8 92.6

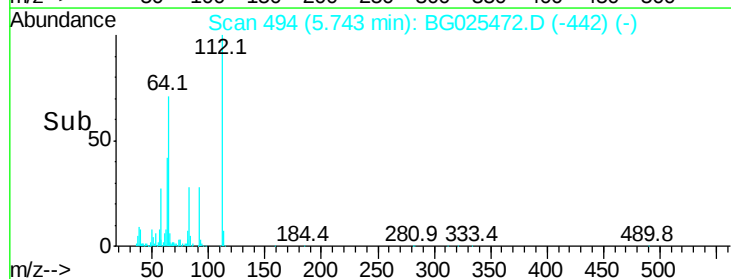
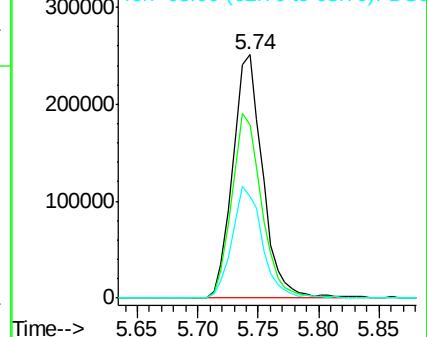
63 41.7 37.2 55.8

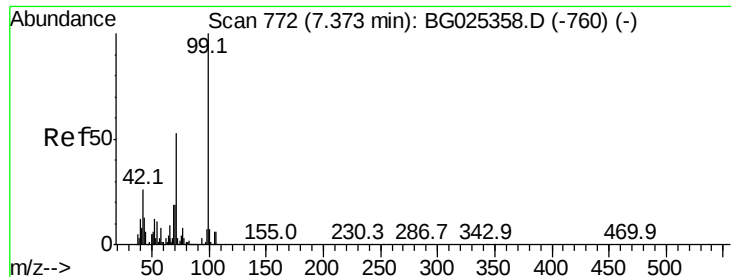


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.90 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

Instrument :

BNA_G

ClientSampleId :

PB95912BL

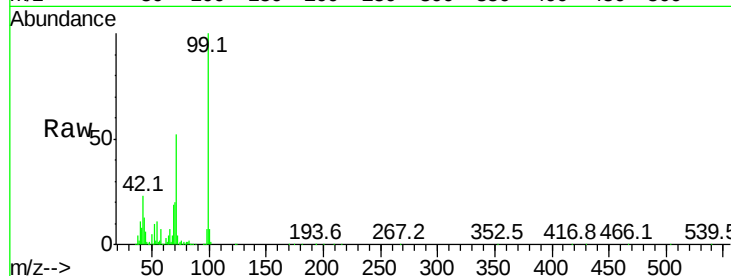
Tot Ion: 99 Resp: 598798

Ion Ratio Lower Upper

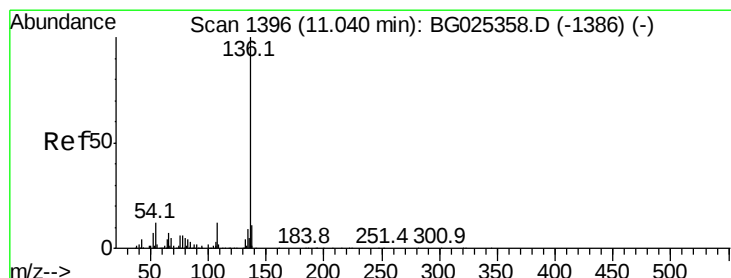
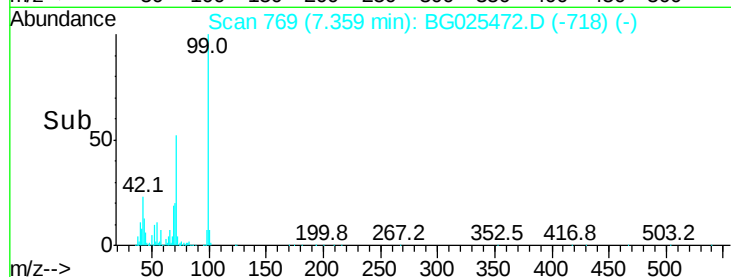
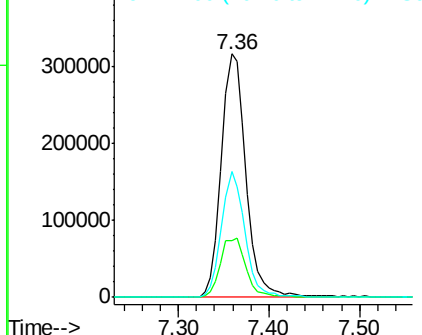
99 100

42 23.2 20.5 30.7

71 51.7 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: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

Tgt Ion: 136 Resp: 218191

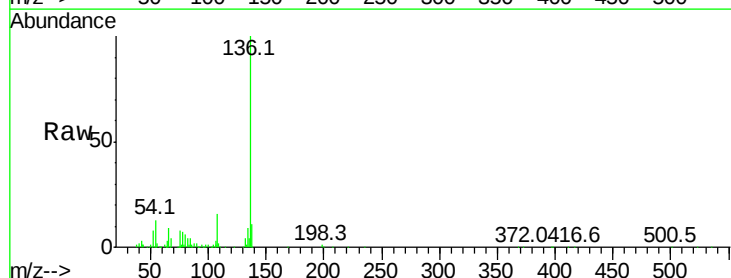
Ion Ratio Lower Upper

136 100

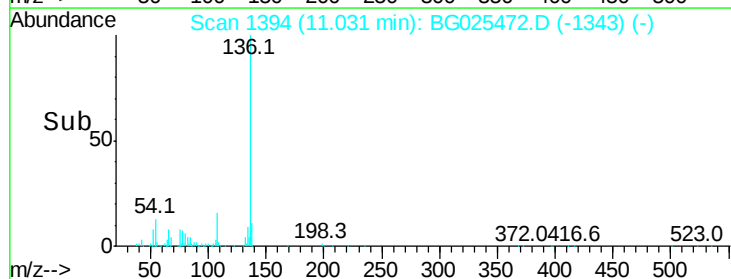
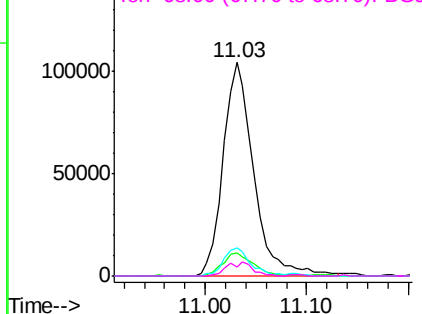
137 11.0 8.9 13.3

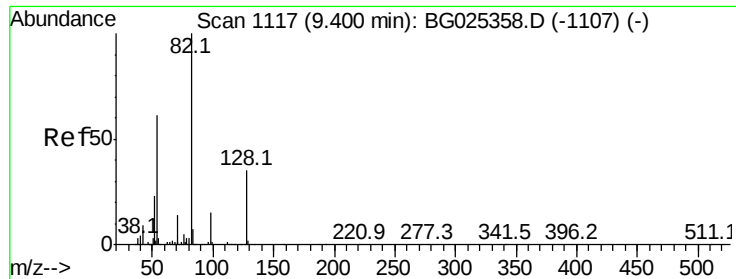
54 13.0 9.3 13.9

68 4.4 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

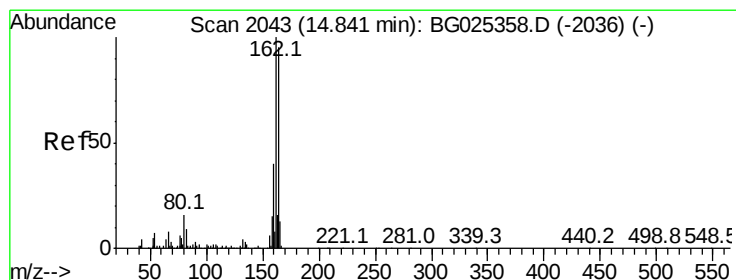
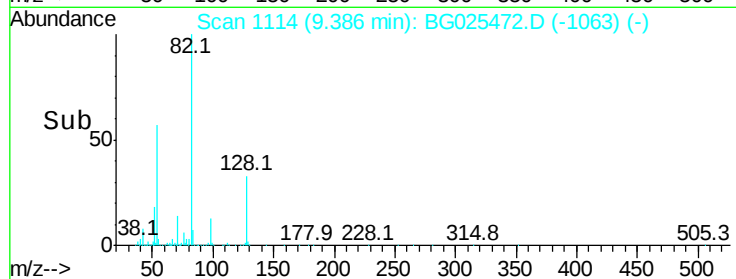
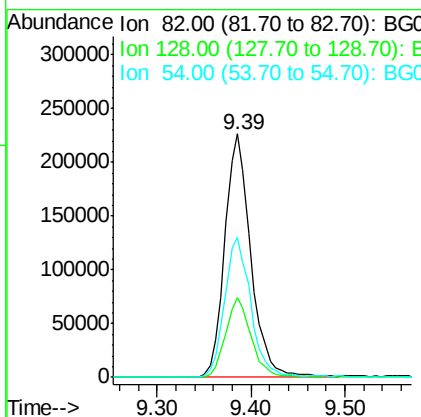
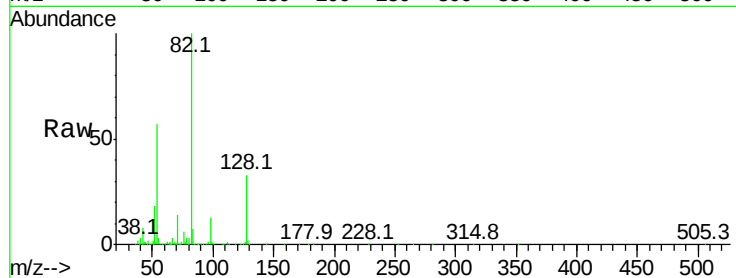




#23
 Nitrobenzene-d5
 Concen: 88.21 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG025472.D
 Acq: 11 Jan 2017 14:01

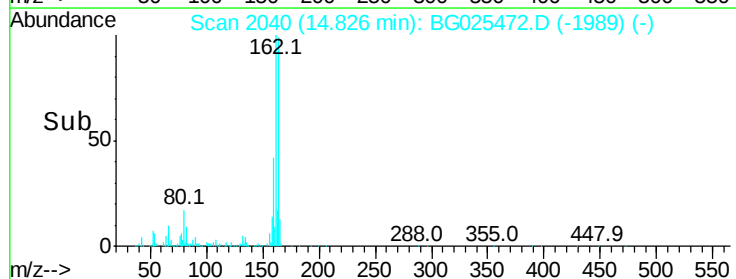
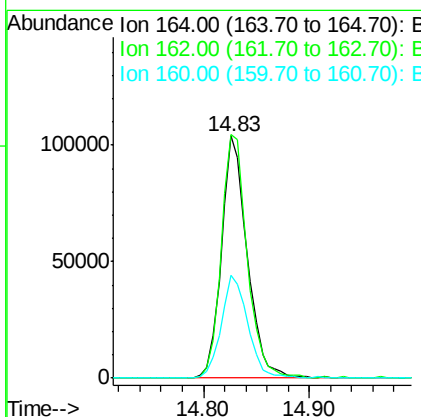
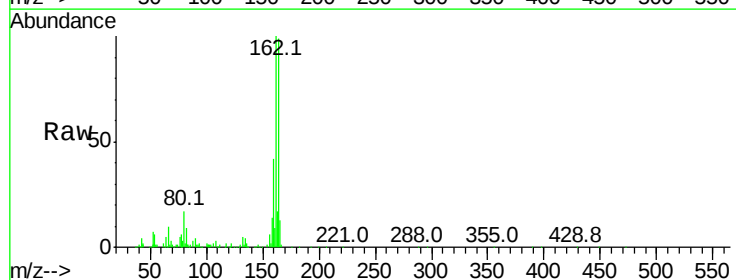
Instrument :
 BNA_G
 ClientSampleId :
 PB95912BL

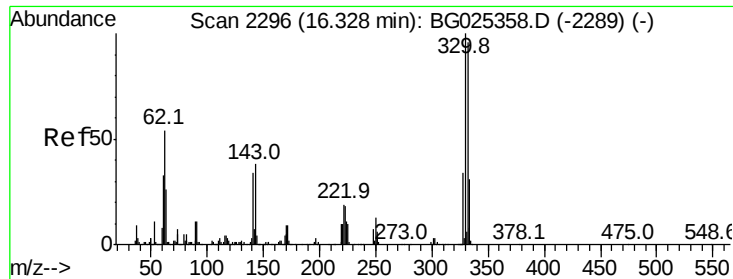
Tot Ion	82	Resp	435694
Ion Ratio	100	Lower	Upper
128	32.7	26.4	39.6
54	57.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BG025472.D
 Acq: 11 Jan 2017 14:01

Tgt Ion	164	Resp	175369
Ion Ratio	100	Lower	Upper
162	100.6	85.1	127.7
160	42.3	34.7	52.1

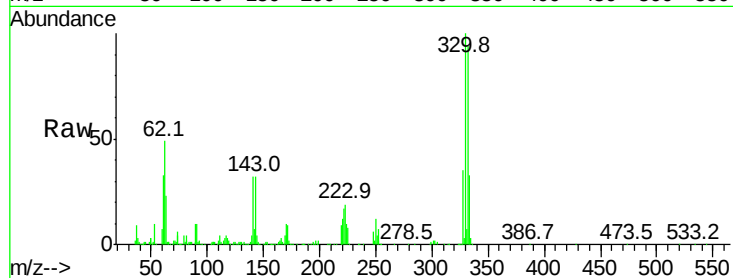




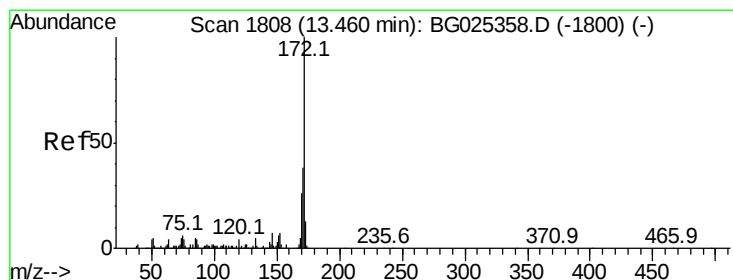
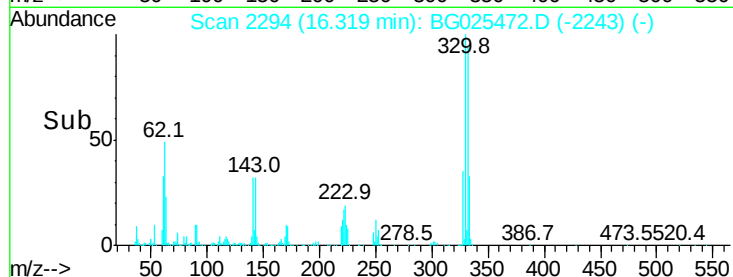
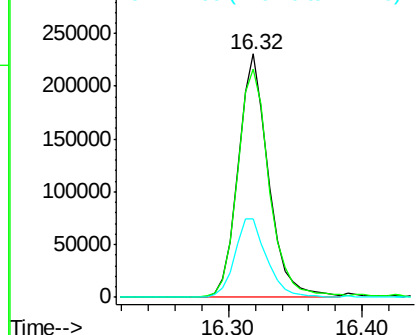
#41
2,4,6-Tribromophenol
Concen: 128.11 ng
RT: 16.32 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG025472.D
Acq: 11 Jan 2017 14:01

Instrument :
BNA_G
ClientSampleId :
PB95912BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.3	115.9
141	34.5	32.1	48.1

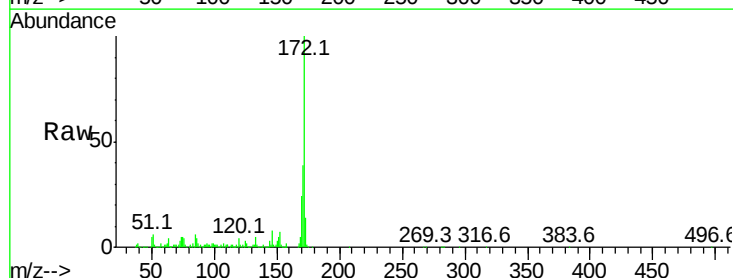


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

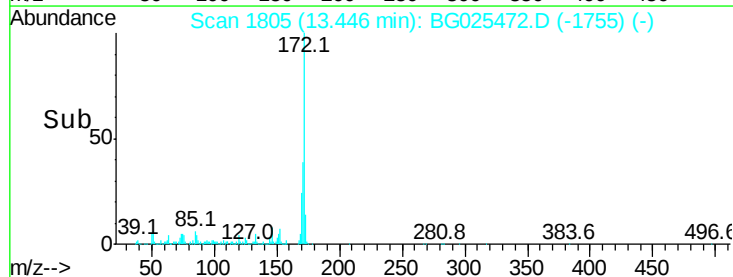
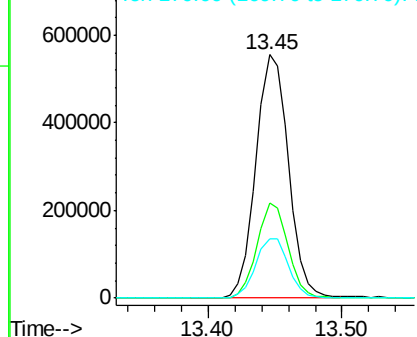


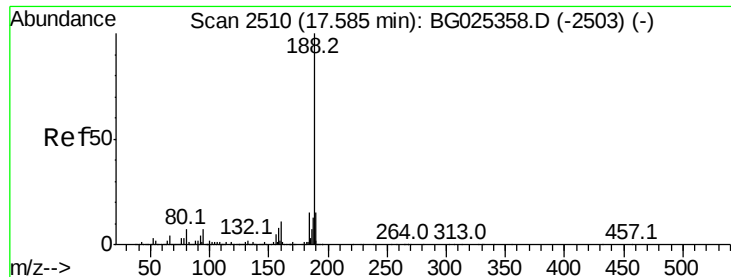
#44
2-Fluorobiphenyl
Concen: 86.41 ng
RT: 13.45 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG025472.D
Acq: 11 Jan 2017 14:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	24.5	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

Instrument :

BNA_G

ClientSampleId :

PB95912BL

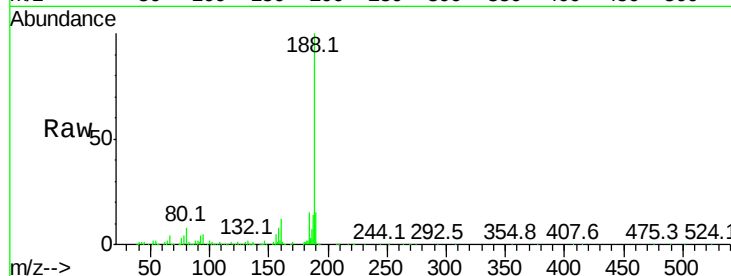
Tot Ion:188 Resp: 415653

Ion Ratio Lower Upper

188 100

94 5.3 5.8 8.8#

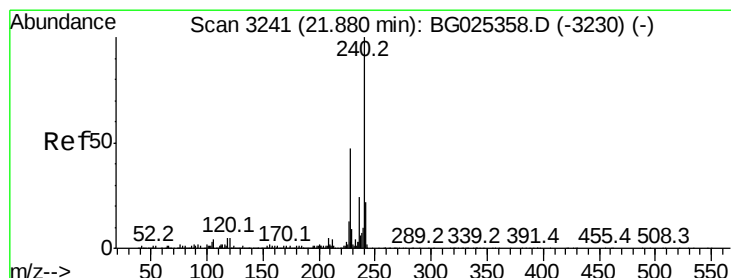
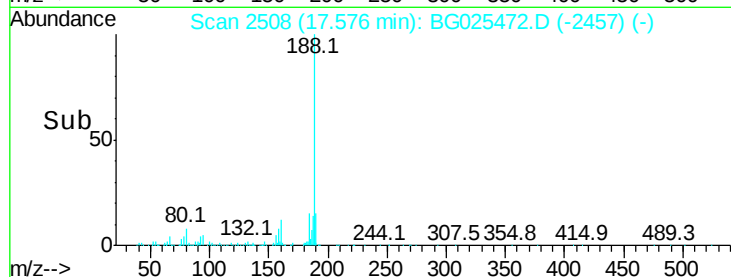
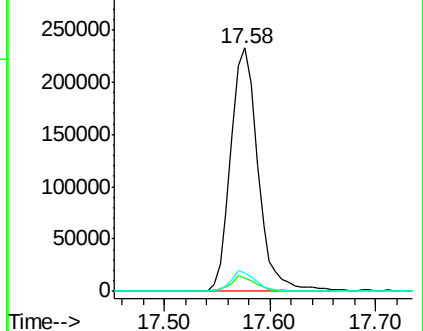
80 7.6 7.5 11.3



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: 21.87 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

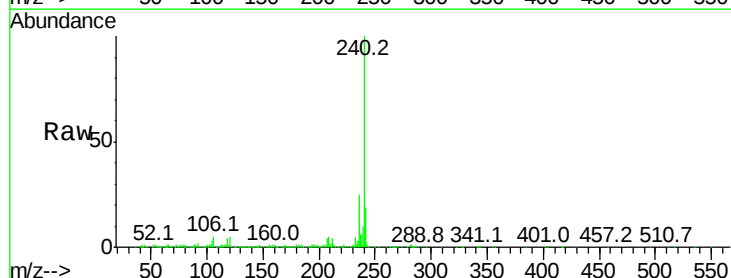
Tgt Ion:240 Resp: 618107

Ion Ratio Lower Upper

240 100

120 4.6 5.7 8.5#

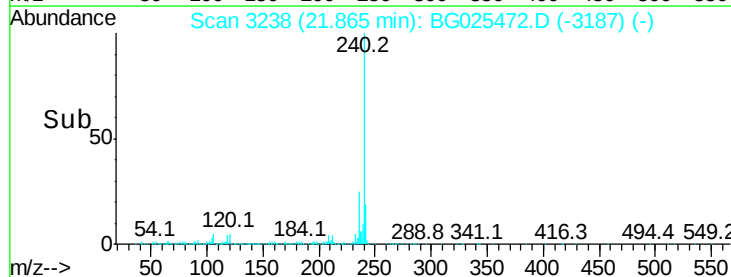
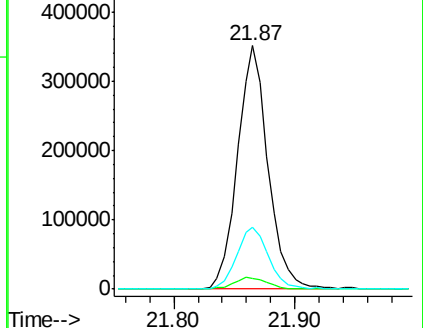
236 25.3 22.2 33.4

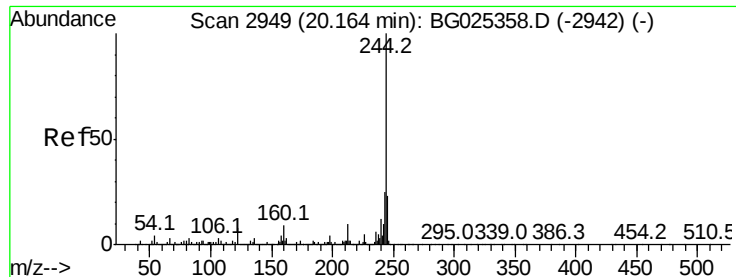


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.95 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

Instrument :

BNA_G

ClientSampleId :

PB95912BL

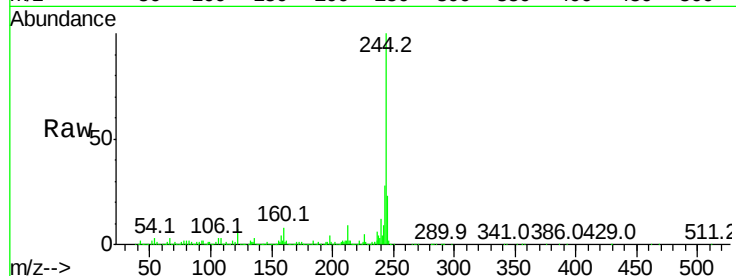
Tot Ion:244 Resp: 1956981

Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.0	15.0#
122	6.9	8.6	12.8#

244 100

212 9.0 10.0 15.0#

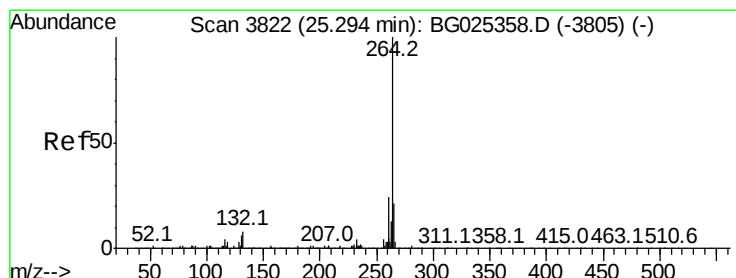
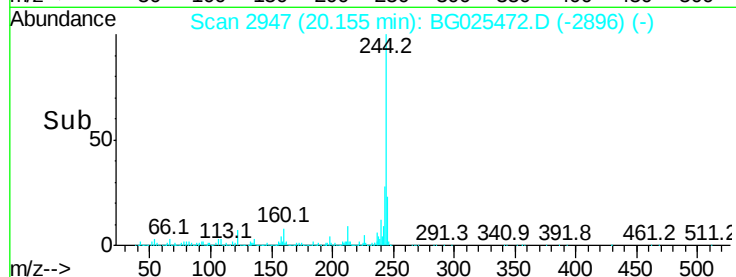
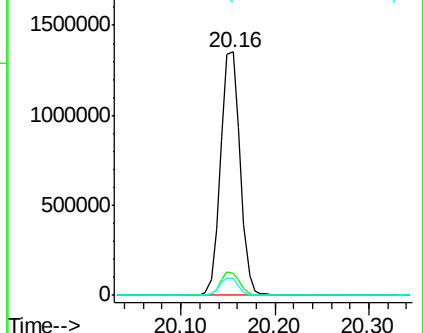
122 6.9 8.6 12.8#



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# 3816

Delta R.T. -0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

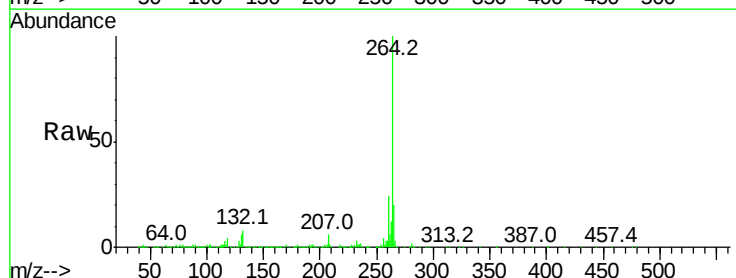
Tgt Ion:264 Resp: 655391

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	19.6	18.2	27.4

264 100

260 23.6 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

