

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
 Data File : BG025509.D
 Acq On : 13 Jan 2017 8:57
 Operator : UM/SJ
 Sample : I1138-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Jan 13 12:58:52 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	60146	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	241504	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	192231	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	464793	20.00	ng	0.00
75) Chrysene-d12	21.86	240	638076	20.00	ng	0.00
86) Perylene-d12	25.25	264	676053	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	254145	76.81	ng	0.00
7) Phenol-d6	7.36	99	222839	47.82	ng	0.00
23) Nitrobenzene-d5	9.38	82	608726	111.35	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	533155	172.27	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1311933	110.49	ng	0.00
78) Terphenyl-d14	20.15	244	2538757	105.49	ng	0.00

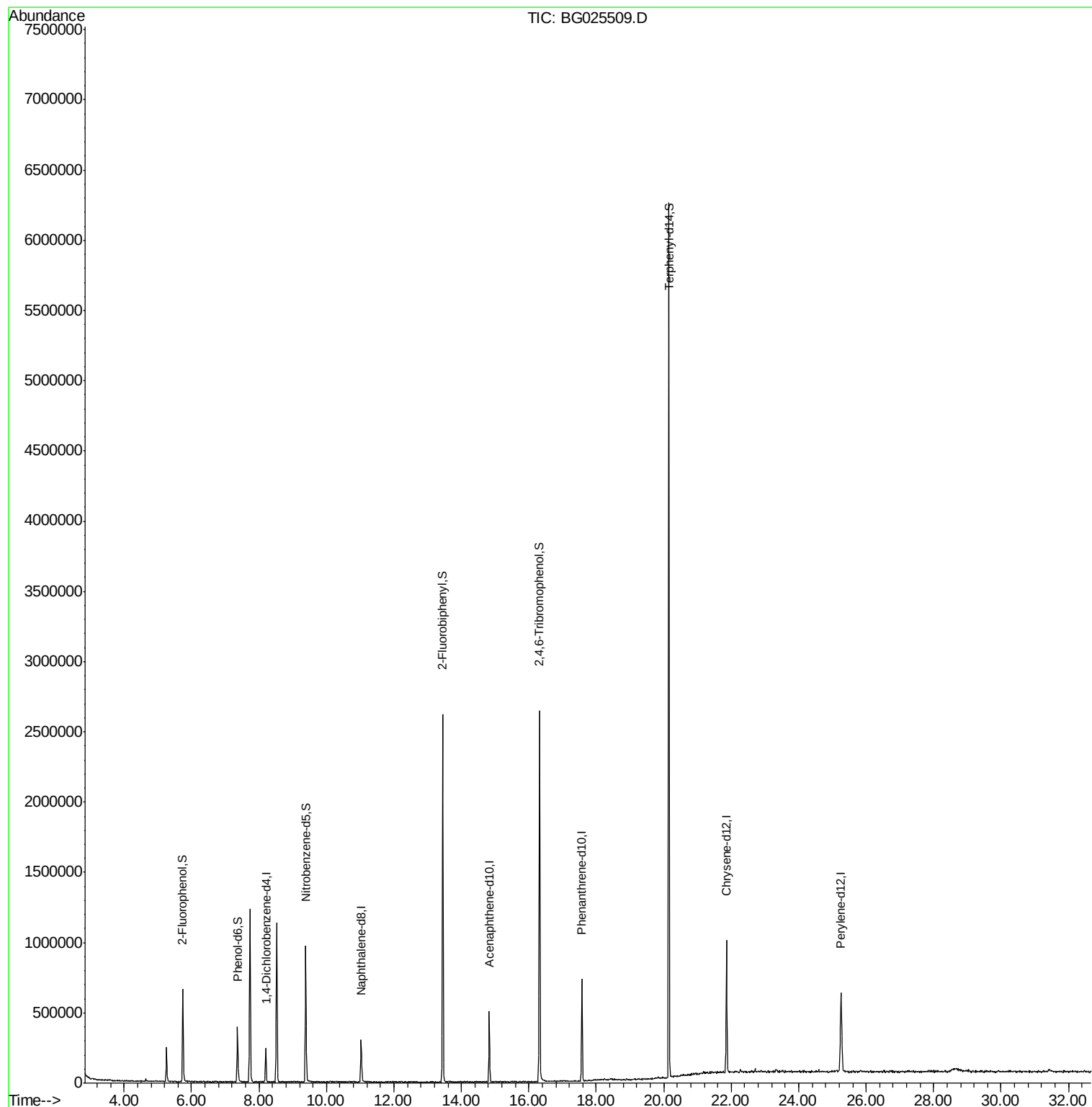
Target Compounds Qvalue

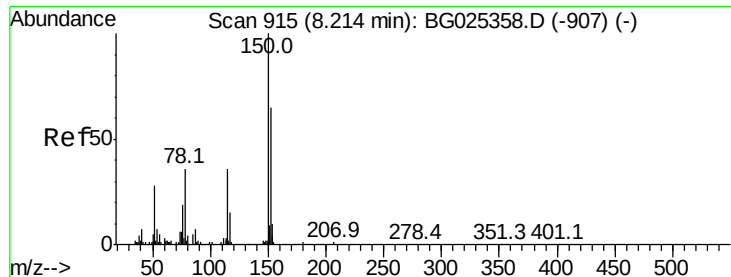
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

Instrument :

BNA_G

ClientSampleId :

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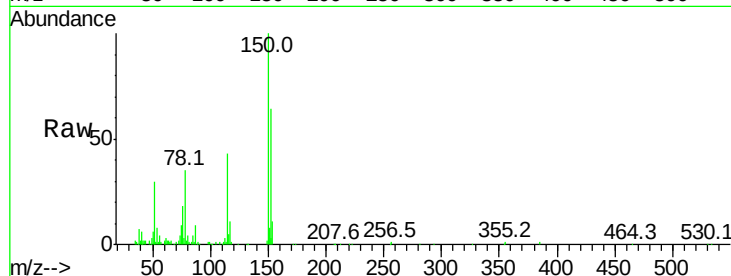
Tot Ion:152 Resp: 60146

Ion Ratio Lower Upper

152 100

150 155.1 114.0 171.0

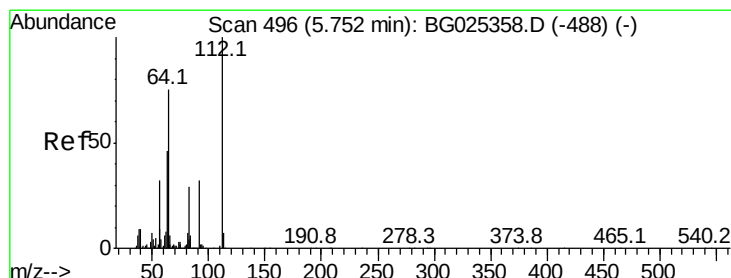
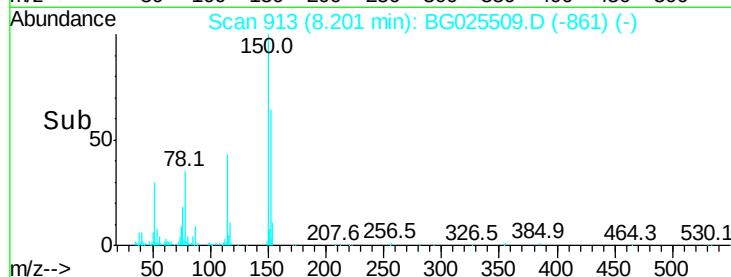
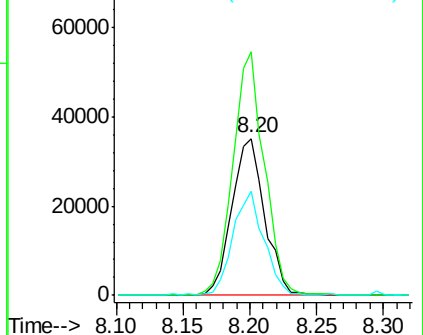
115 66.7 48.1 72.1



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: 76.81 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

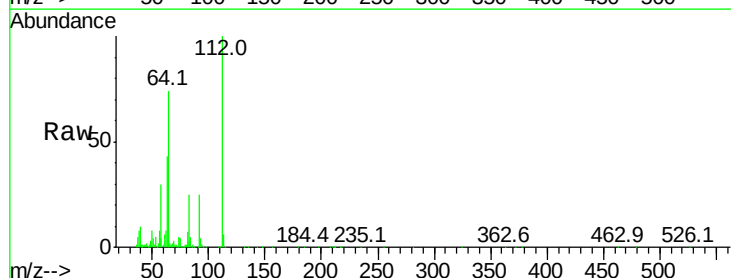
Tgt Ion:112 Resp: 254145

Ion Ratio Lower Upper

112 100

64 74.1 61.8 92.6

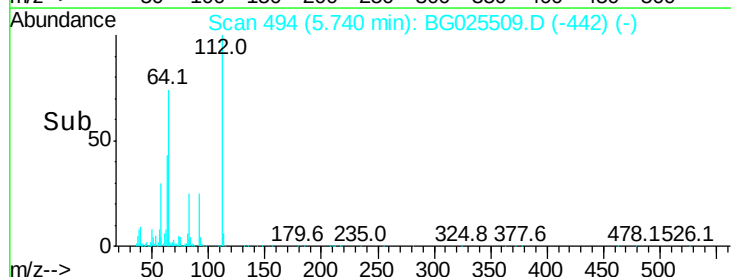
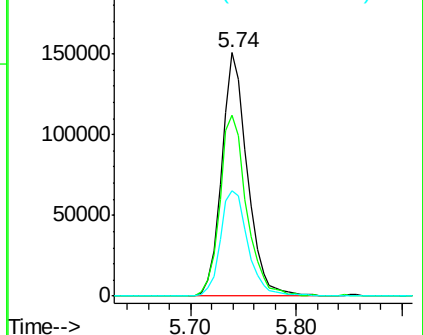
63 43.2 37.2 55.8

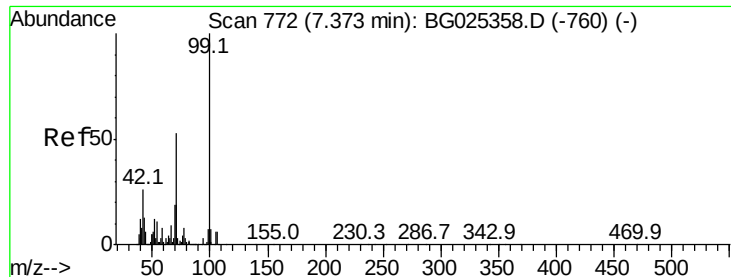


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 47.82 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

Instrument :

BNA_G

ClientSampleId :

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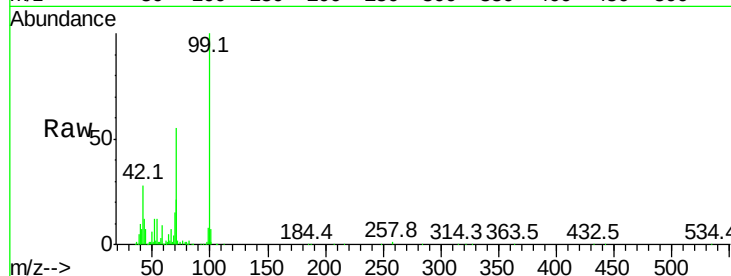
Tot Ion: 99 Resp: 222839

Ion Ratio Lower Upper

99 100

42 28.5 20.5 30.7

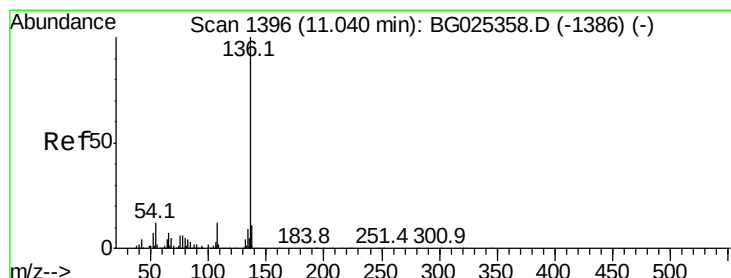
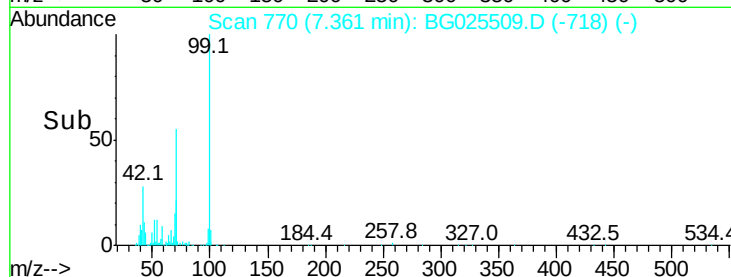
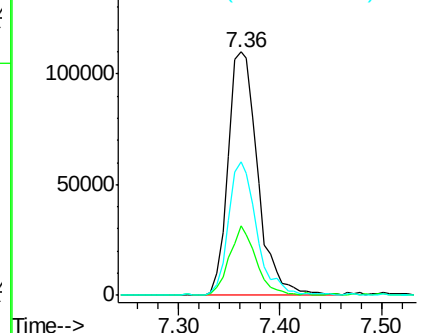
71 54.8 37.6 56.4



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: BG025509.D

Acq: 13 Jan 2017 8:57

Tgt Ion: 136 Resp: 241504

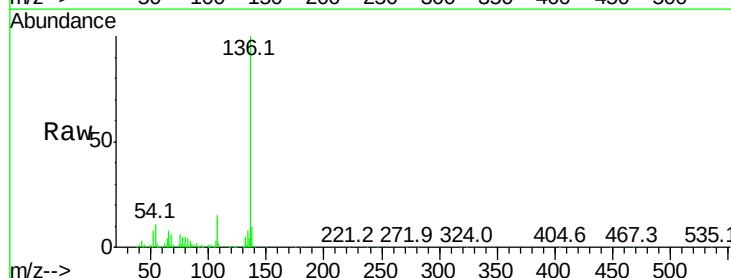
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 11.3 9.3 13.9

68 6.0 5.1 7.7

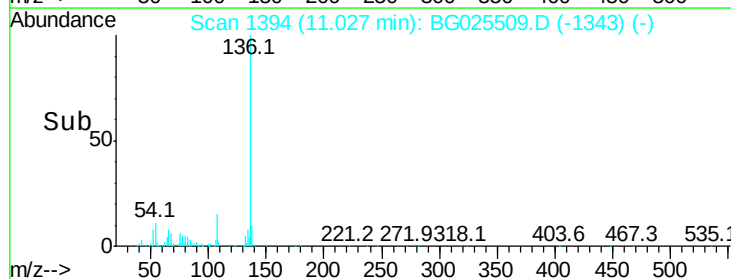
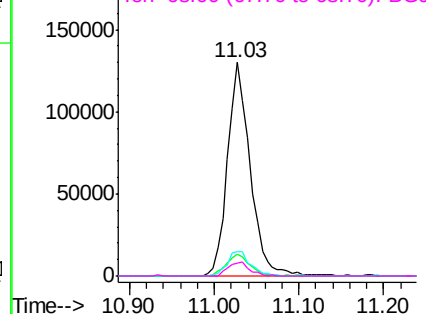


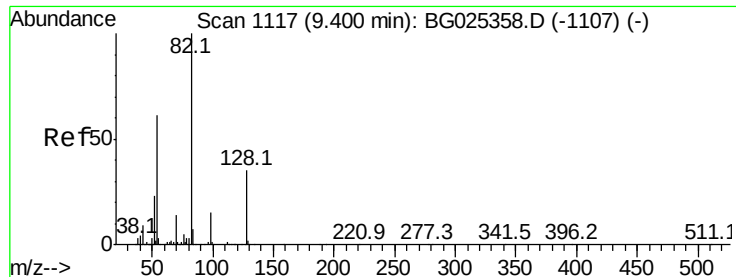
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 111.35 ng

RT: 9.38 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

Instrument :

BNA_G

ClientSampleId :

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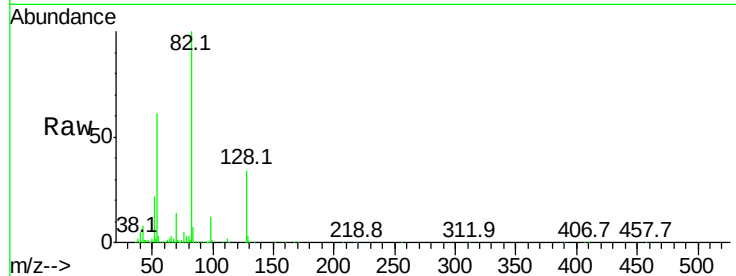
Tot Ion: 82 Resp: 608726

Ion Ratio Lower Upper

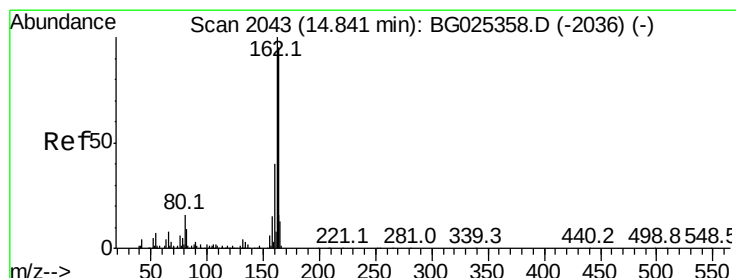
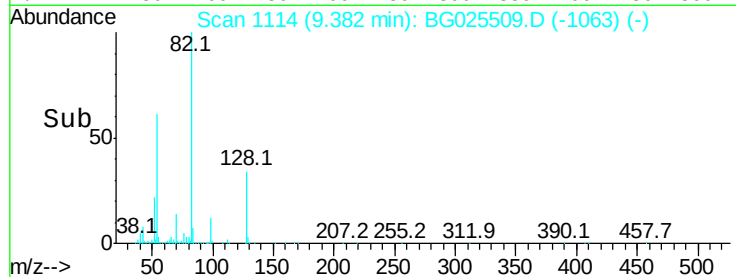
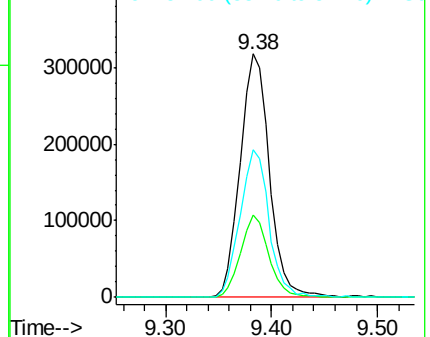
82 100

128 33.8 26.4 39.6

54 60.7 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

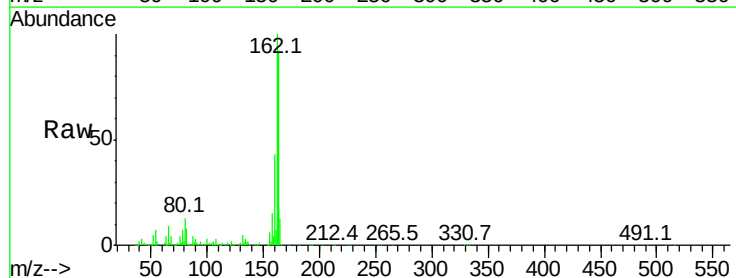
Tgt Ion:164 Resp: 192231

Ion Ratio Lower Upper

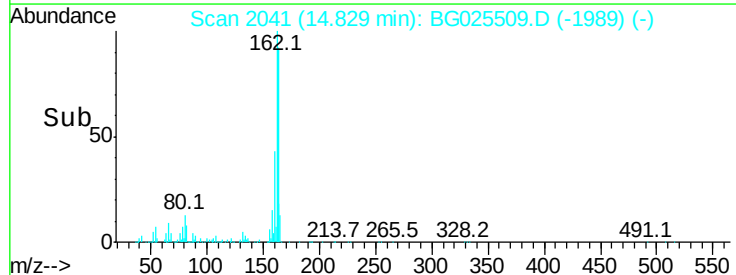
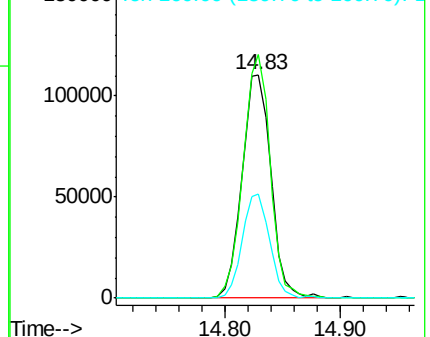
164 100

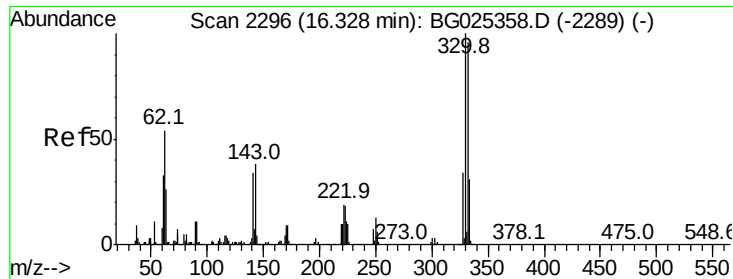
162 109.0 85.1 127.7

160 46.8 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

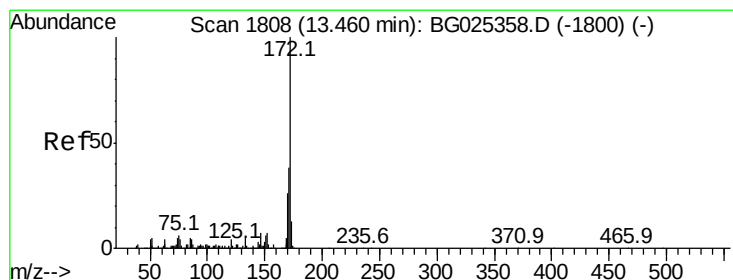
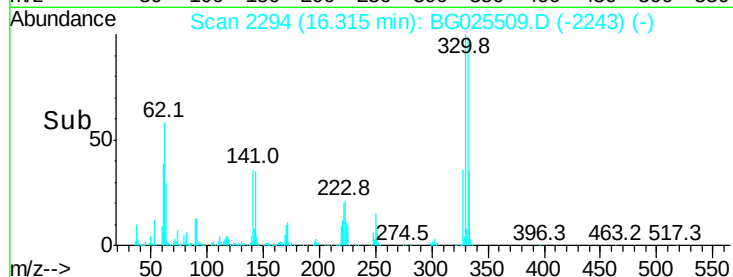
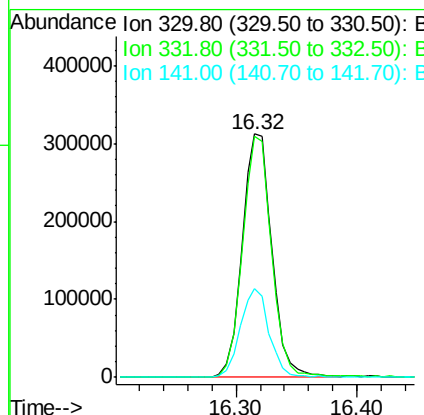
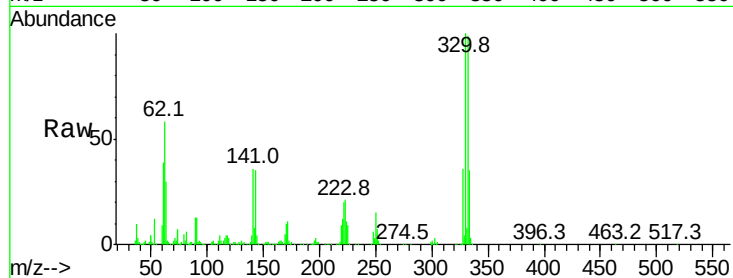




#41
 2,4,6-Tribromophenol
 Concen: 172.27 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025509.D
 Acq: 13 Jan 2017 8:57

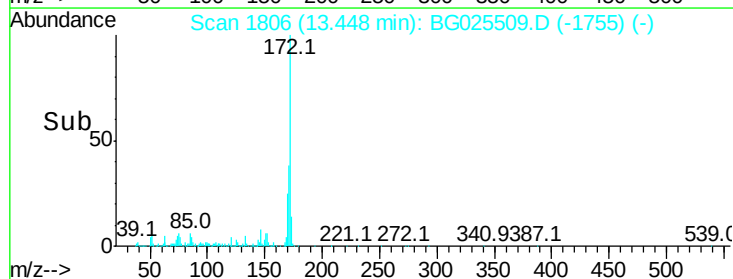
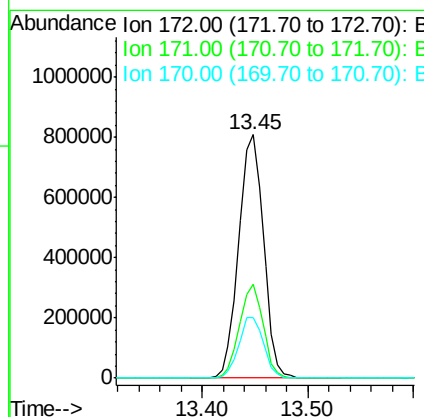
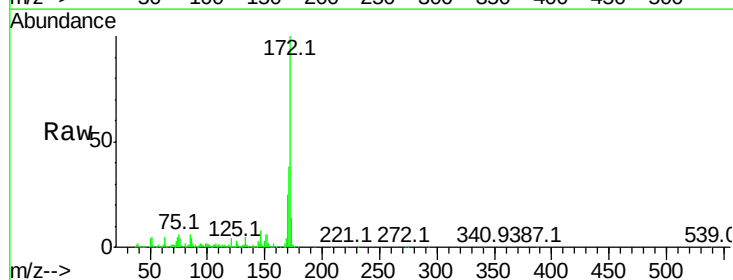
Instrument :
 BNA_G
 ClientSampleId :
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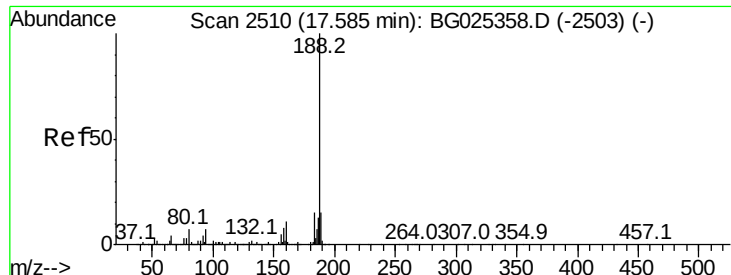
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	35.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 110.49 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025509.D
 Acq: 13 Jan 2017 8:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.2	48.2
170	24.8	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

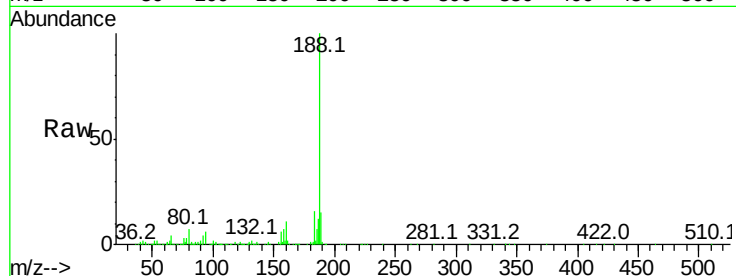
Tot Ion:188 Resp: 464793

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

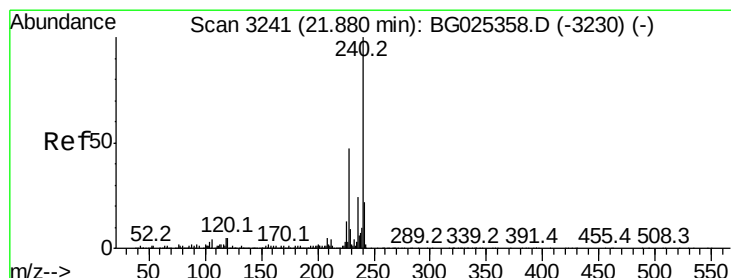
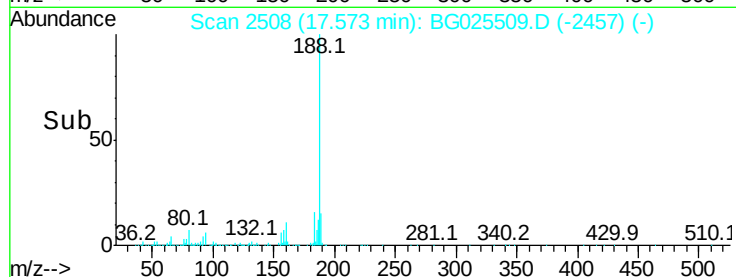
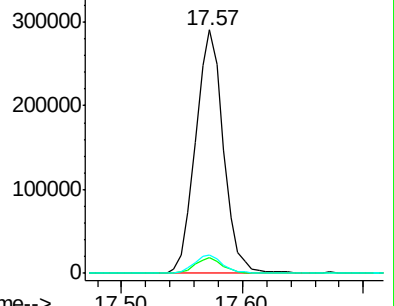
80 7.3 7.5 11.3#



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: BG025509.D

Acq: 13 Jan 2017 8:57

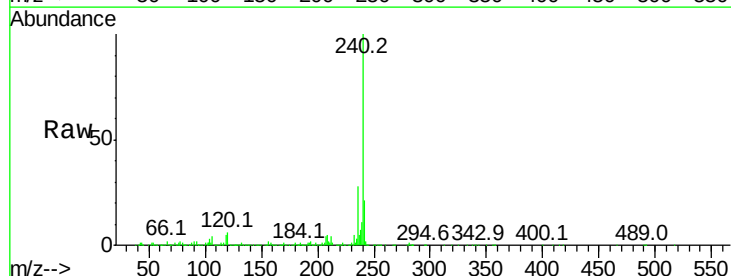
Tgt Ion:240 Resp: 638076

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

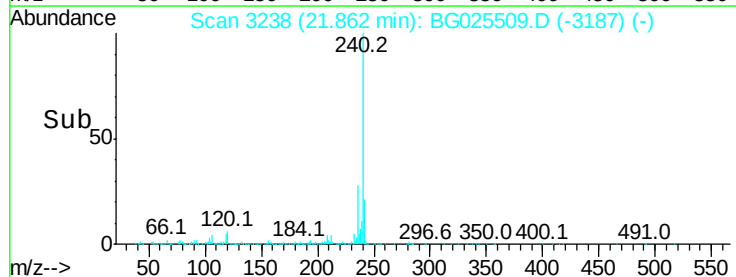
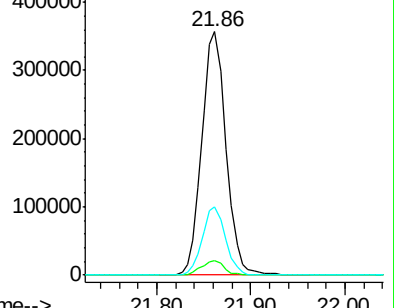
236 28.3 22.2 33.4

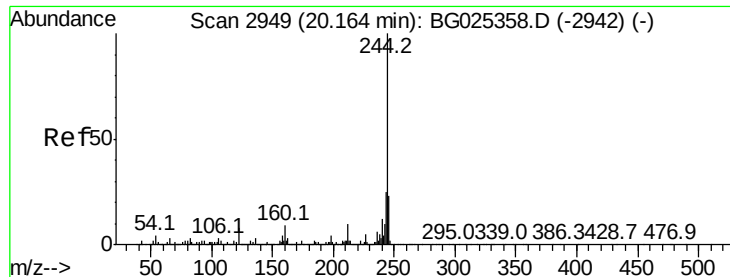


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.49 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

Instrument :

BNA_G

ClientSampleId :

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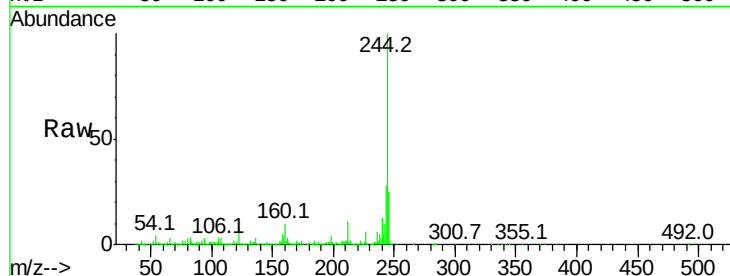
Tot Ion:244 Resp: 2538757

Ion Ratio Lower Upper

244 100

212 10.6 10.0 15.0

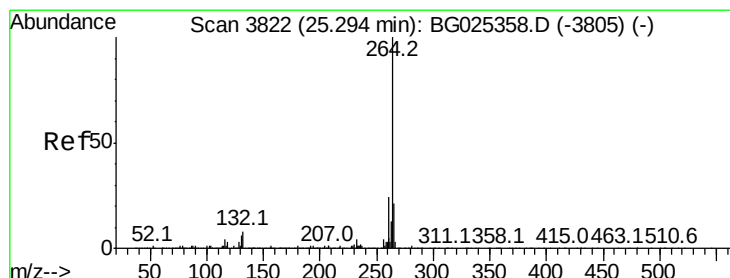
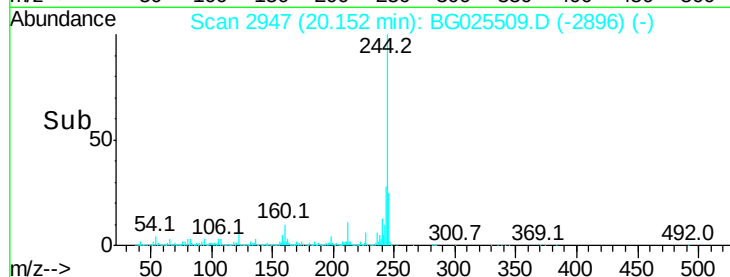
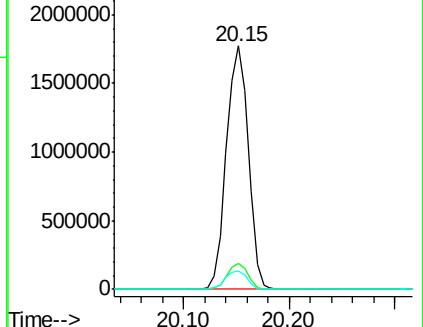
122 7.8 8.6 12.8#



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: 25.25 min Scan# 3815

Delta R.T. -0.01 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

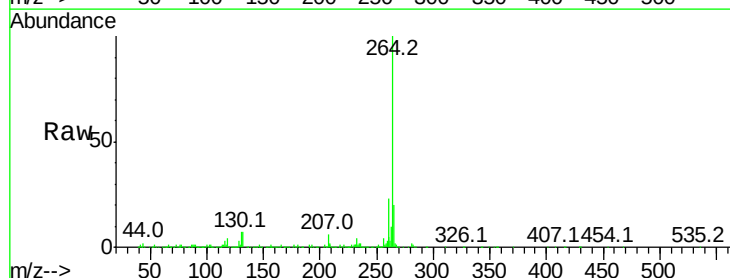
Tgt Ion:264 Resp: 676053

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 20.1 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

