

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025547.D
 Acq On : 20 Jan 2017 20:42
 Operator : UM/SJ
 Sample : I1346-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK-11817

Quant Time: Jan 21 00:46:28 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	8.18	152	50777	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	207591	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	172507	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	402252	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	621418	20.00	ng	-0.02
86) Perylene-d12	25.23	264	638201	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	203012	72.67	ng	-0.02
7) Phenol-d6	7.34	99	173821	44.18	ng	-0.02
23) Nitrobenzene-d5	9.37	82	481977	102.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	405756	146.10	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1055935	99.10	ng	-0.02
78) Terphenyl-d14	20.14	244	2231574	95.22	ng	-0.02

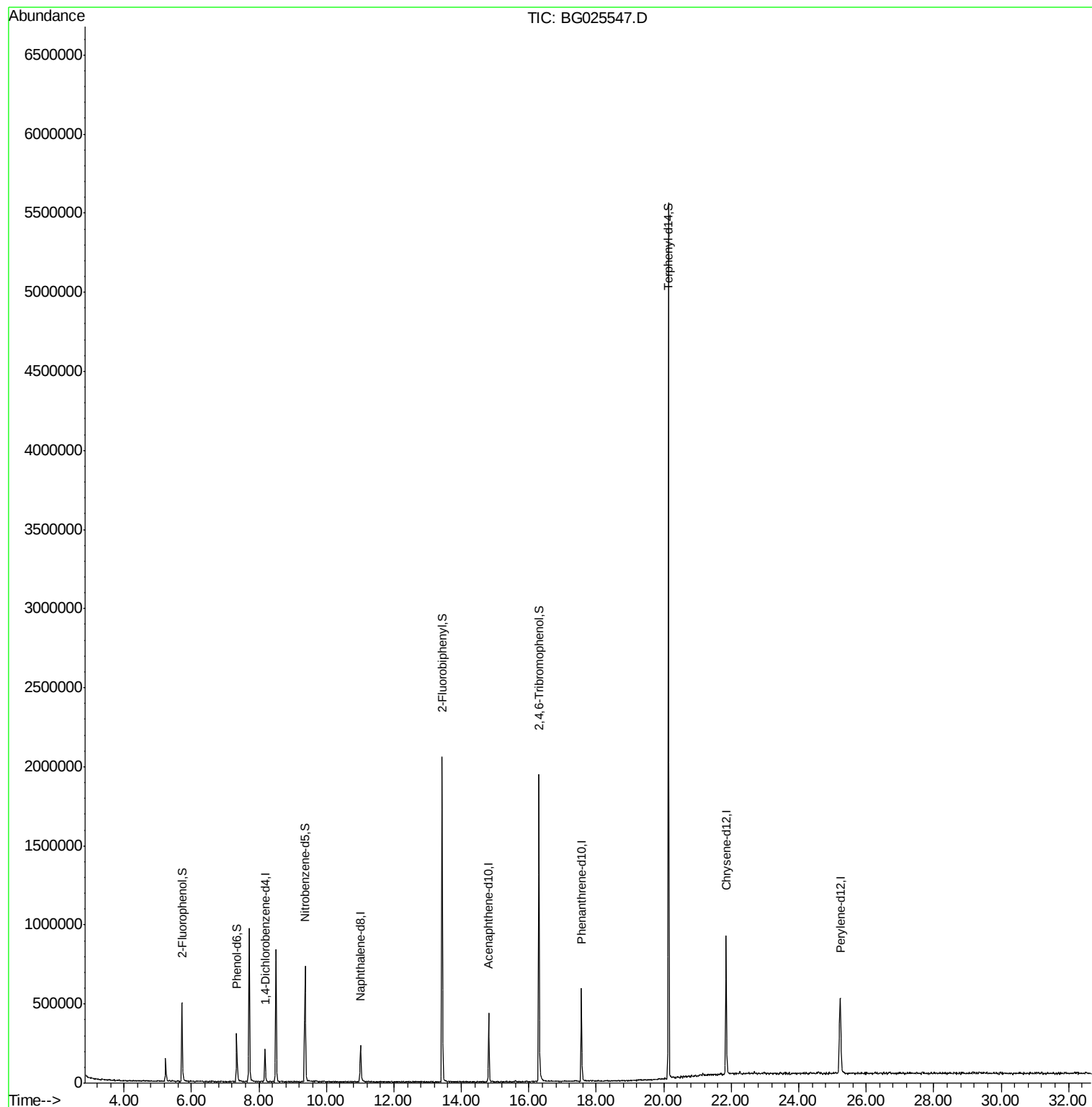
Target Compounds Qvalue

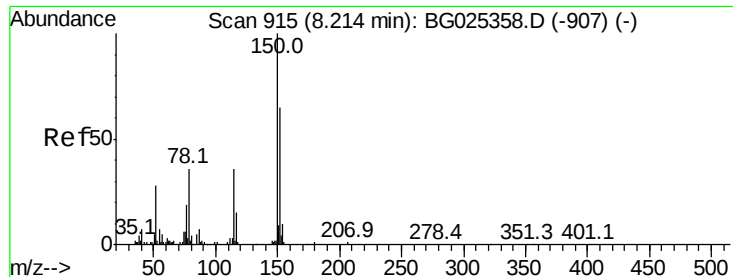
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025547.D

Acq: 20 Jan 2017 20:42

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-11817

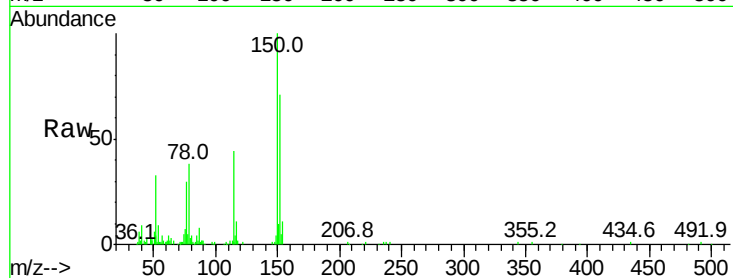
Tot Ion:152 Resp: 50777

Ion Ratio Lower Upper

152 100

150 141.1 114.0 171.0

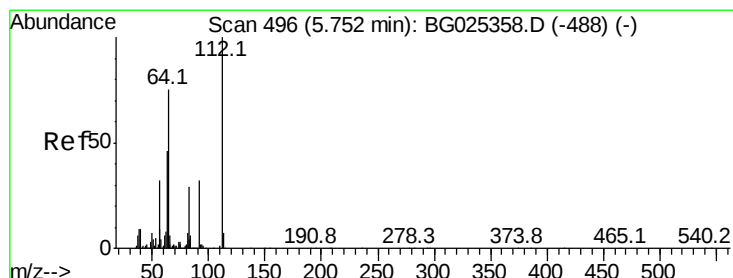
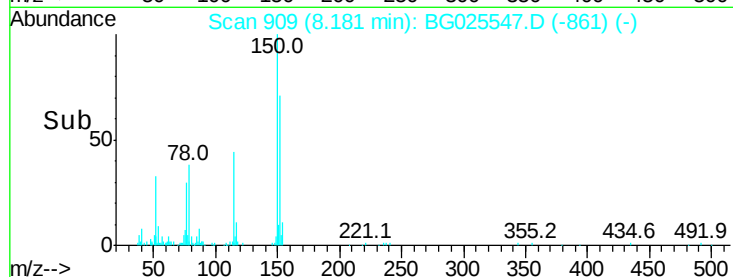
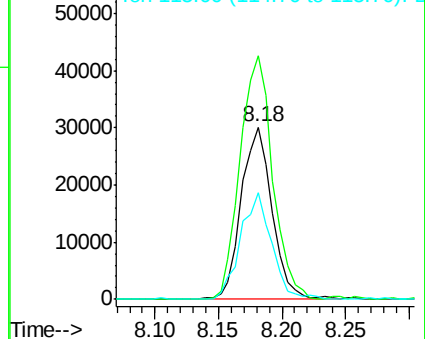
115 61.9 48.1 72.1



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: 72.67 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025547.D

Acq: 20 Jan 2017 20:42

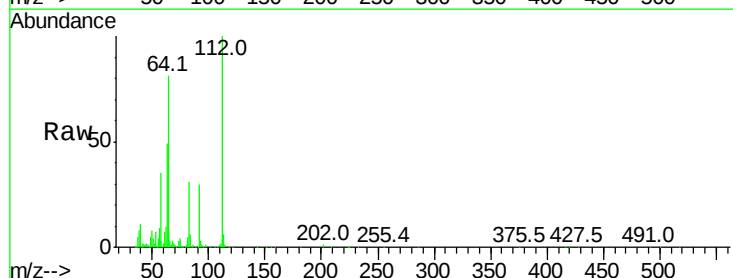
Tgt Ion:112 Resp: 203012

Ion Ratio Lower Upper

112 100

64 80.8 61.8 92.6

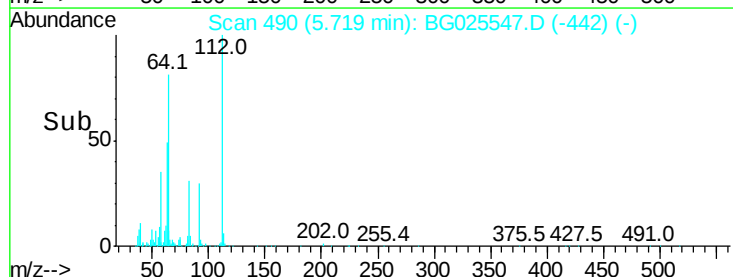
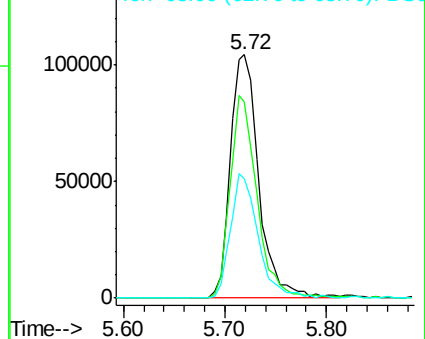
63 49.2 37.2 55.8

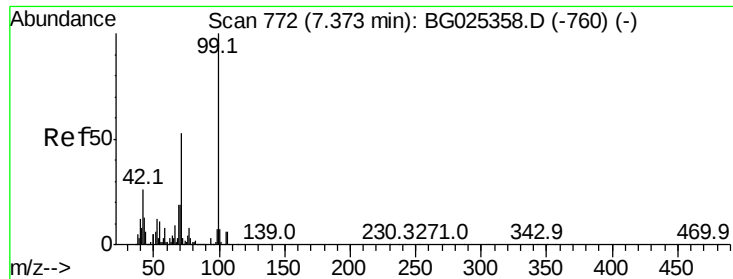


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 44.18 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025547.D

Acq: 20 Jan 2017 20:42

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-11817

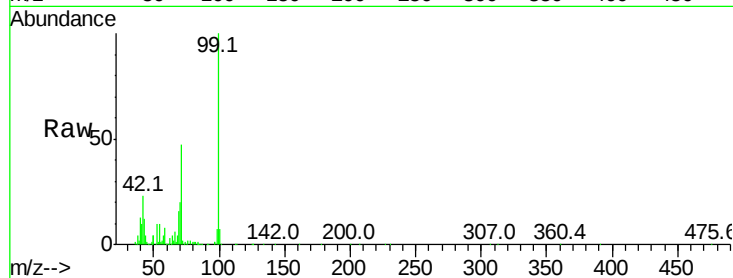
Tot Ion: 99 Resp: 173821

Ion Ratio Lower Upper

99 100

42 22.7 20.5 30.7

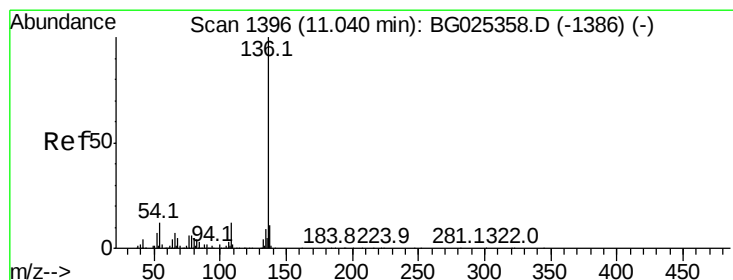
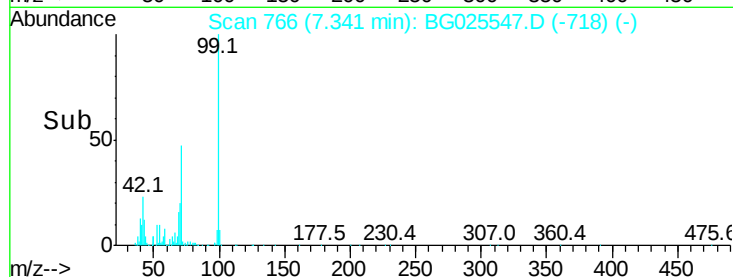
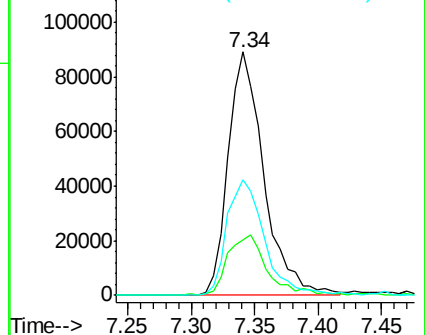
71 47.4 37.6 56.4



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: 11.01 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025547.D

Acq: 20 Jan 2017 20:42

Tgt Ion: 136 Resp: 207591

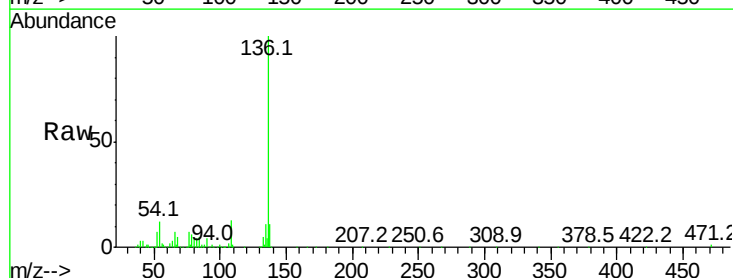
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 11.6 9.3 13.9

68 4.6 5.1 7.7#

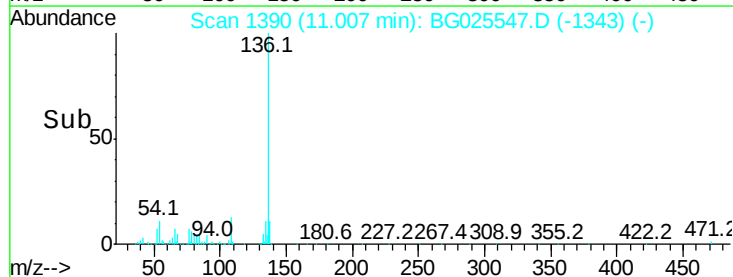
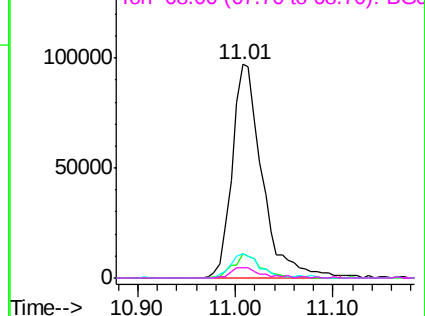


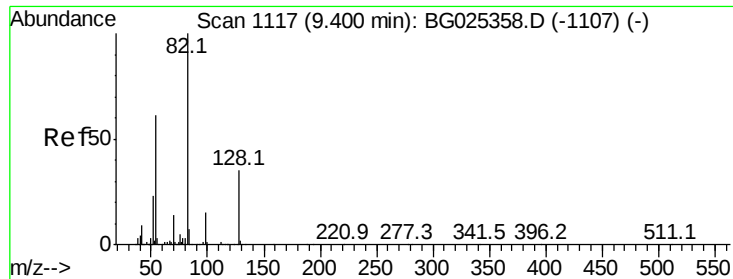
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

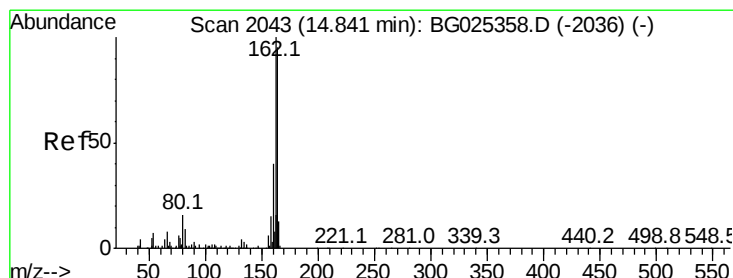
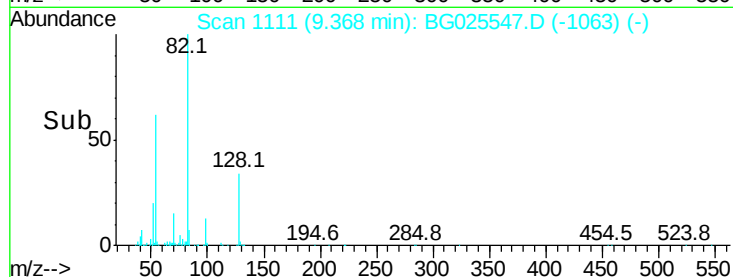
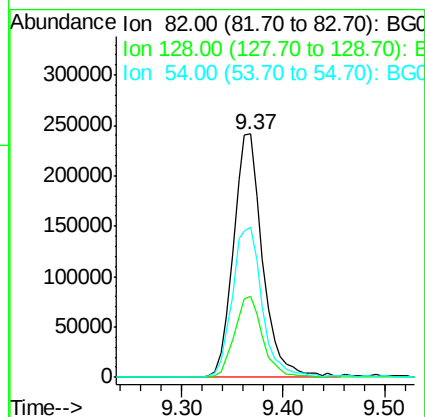
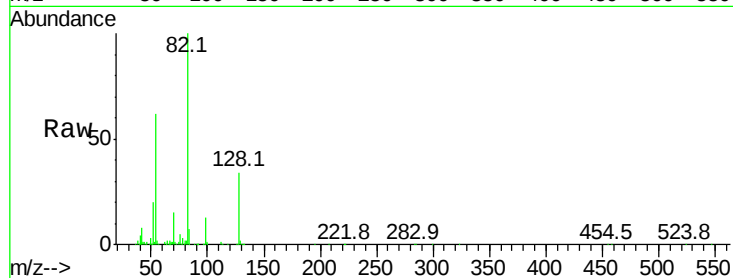




#23
 Nitrobenzene-d5
 Concen: 102.57 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BG025547.D
 Acq: 20 Jan 2017 20:42

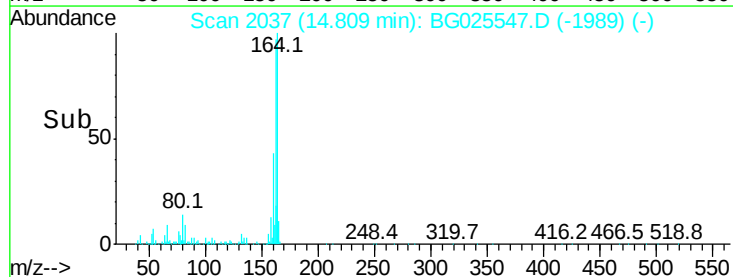
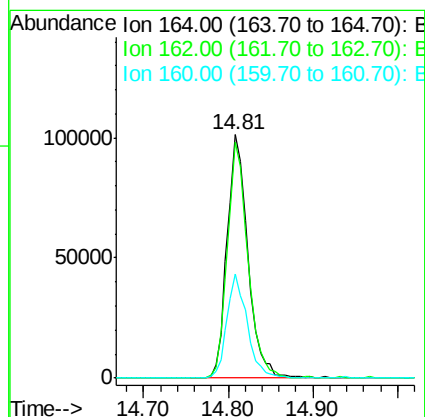
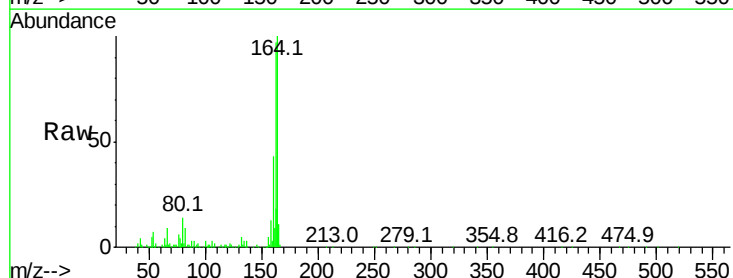
Instrument :
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 FIELDBLANK-11817

Tot Ion: 82 Resp: 481977
 Ion Ratio Lower Upper
 82 100
 128 33.5 26.4 39.6
 54 61.9 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BG025547.D
 Acq: 20 Jan 2017 20:42

Tgt Ion: 164 Resp: 172507
 Ion Ratio Lower Upper
 164 100
 162 97.0 85.1 127.7
 160 43.0 34.7 52.1

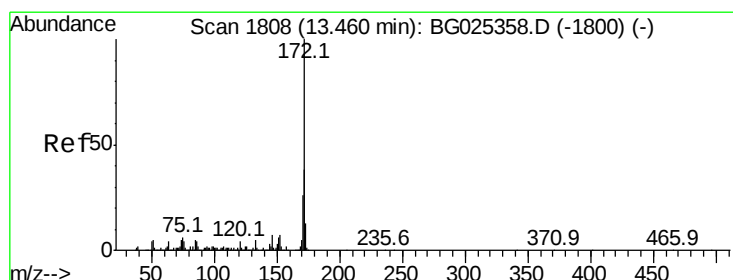
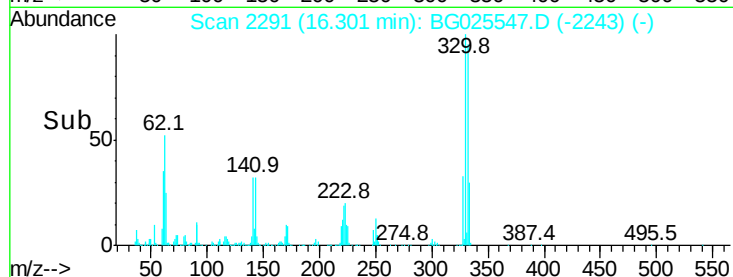
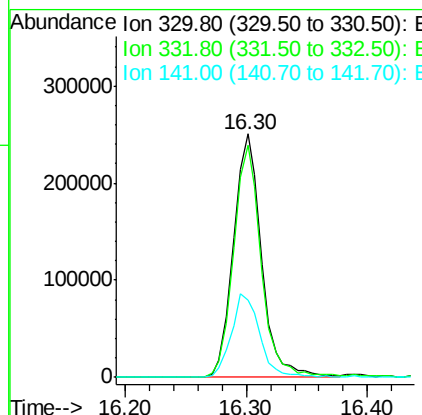
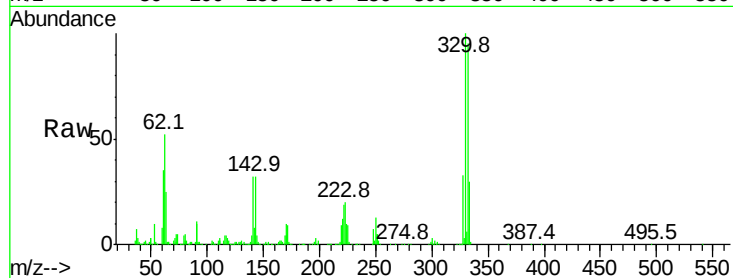




#41
 2,4,6-Tribromophenol
 Concen: 146.10 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025547.D
 Acq: 20 Jan 2017 20:42

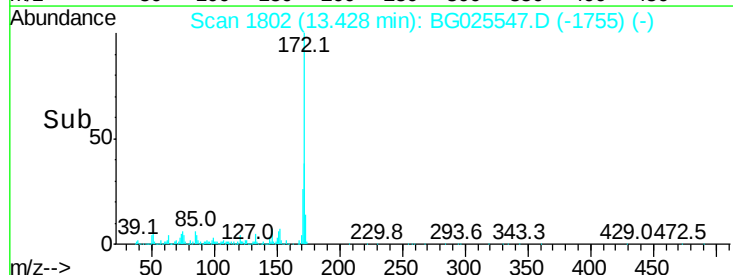
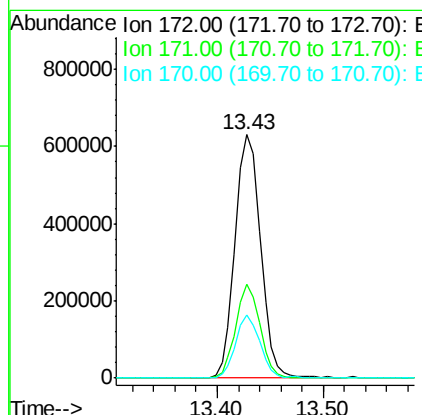
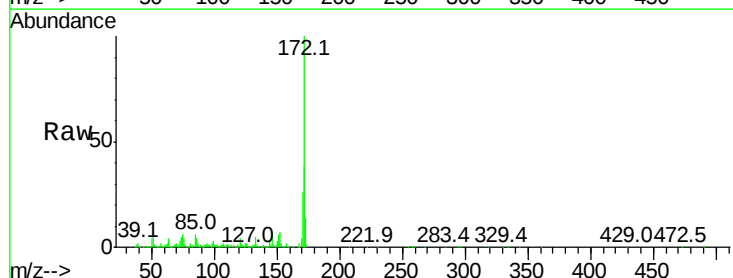
Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK-11817

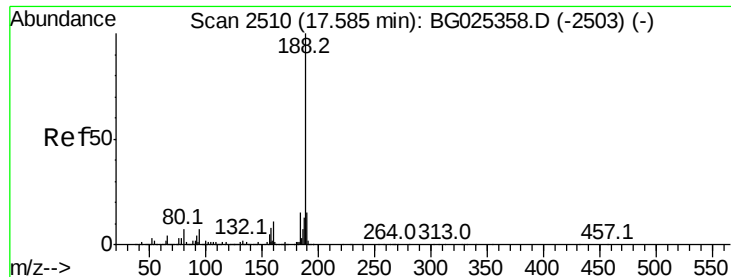
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.3	115.9
141	34.6	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 99.10 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025547.D
 Acq: 20 Jan 2017 20:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	25.7	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025547.D

Acq: 20 Jan 2017 20:42

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-11817

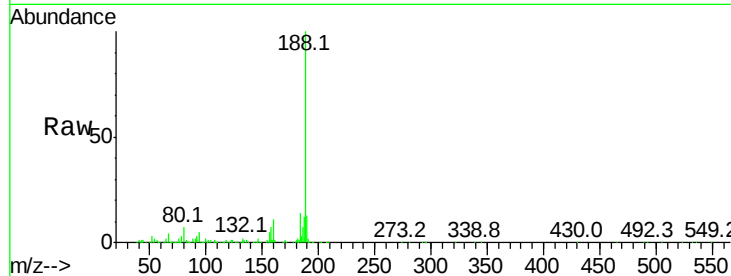
Tot Ion:188 Resp: 402252

Ion Ratio Lower Upper

188 100

94 5.3 5.8 8.8#

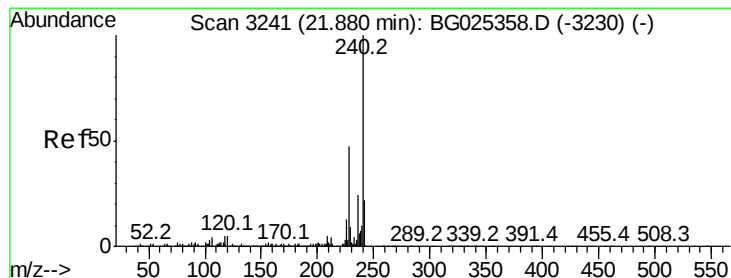
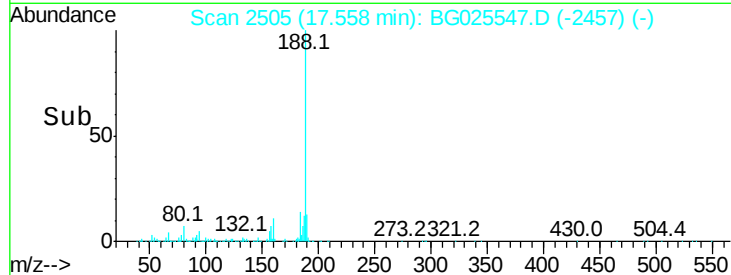
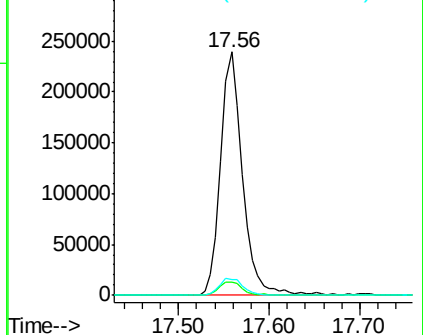
80 6.5 7.5 11.3#



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: 21.85 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025547.D

Acq: 20 Jan 2017 20:42

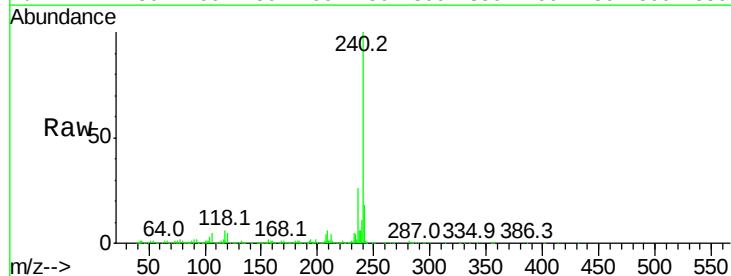
Tgt Ion:240 Resp: 621418

Ion Ratio Lower Upper

240 100

120 4.6 5.7 8.5#

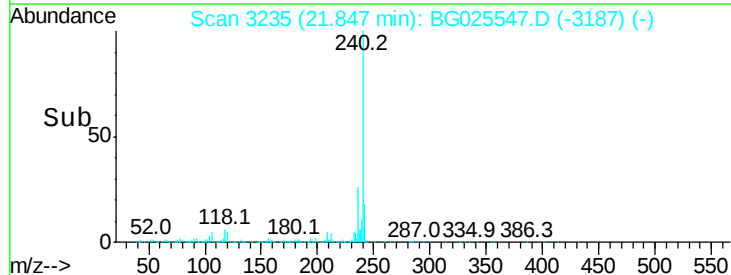
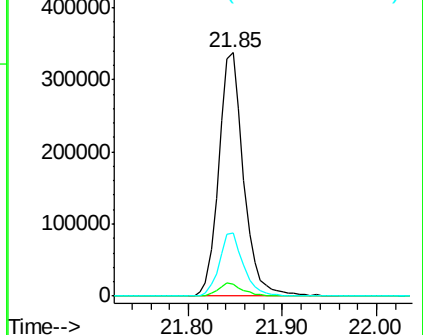
236 25.7 22.2 33.4

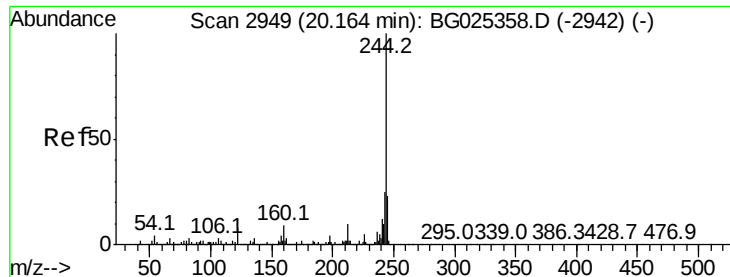


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.22 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025547.D

Acq: 20 Jan 2017 20:42

Instrument :

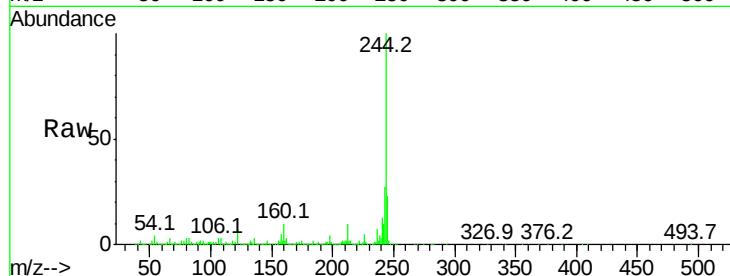
BNA_G

ClientSampleId :

FIELDBLANK-11817

Tot Ion:244 Resp: 2231574

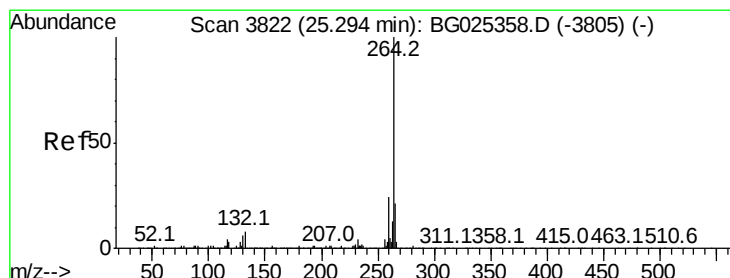
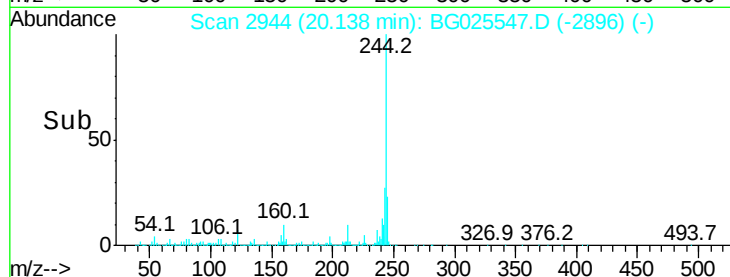
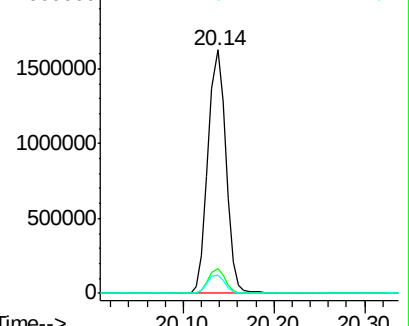
Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.0	15.0
122	7.3	8.6	12.8#



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: 25.23 min Scan# 3811

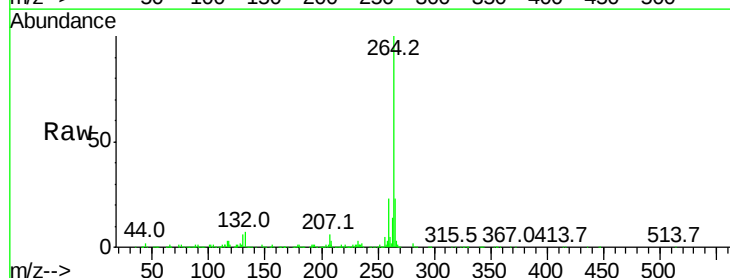
Delta R.T. -0.03 min

Lab File: BG025547.D

Acq: 20 Jan 2017 20:42

Tgt Ion:264 Resp: 638201

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	22.7	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

