

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 00:13:14 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

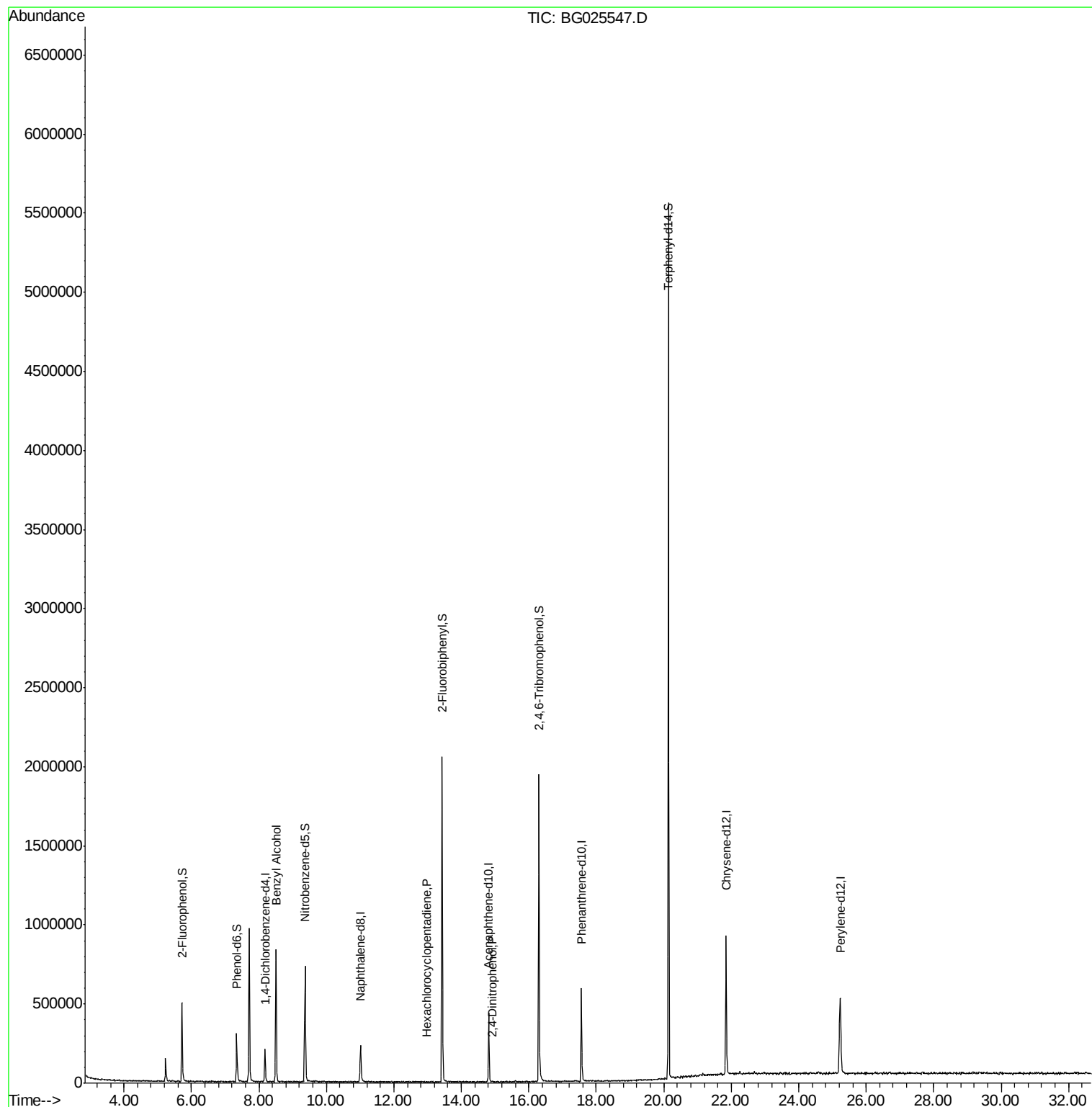
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50777	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	207591	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	172507	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	402252	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	621418	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
15) Benzyl Alcohol	8.50	79	7922	2.11	ng	# 56
40) Hexachlorocyclopentadiene	12.98	237	61	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.91	184	74	5.12	ng	# 15

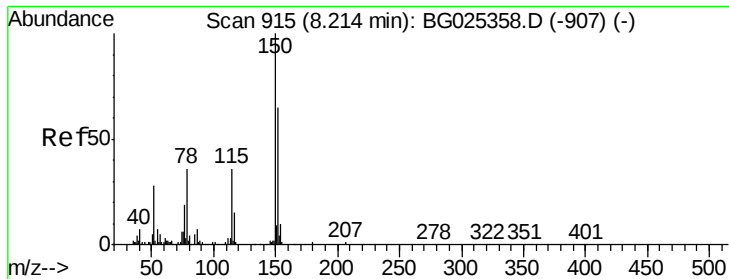
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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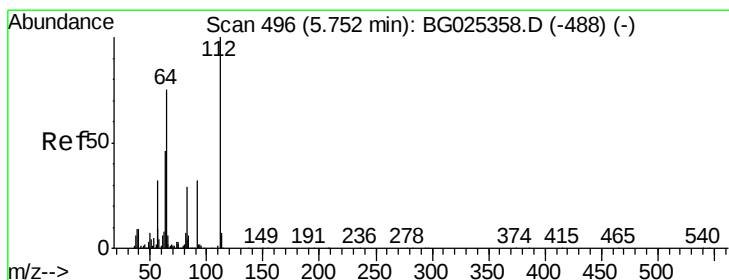
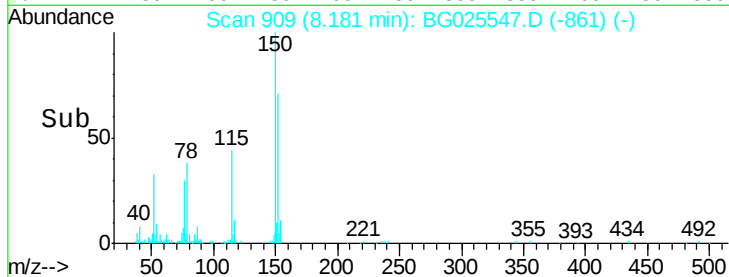
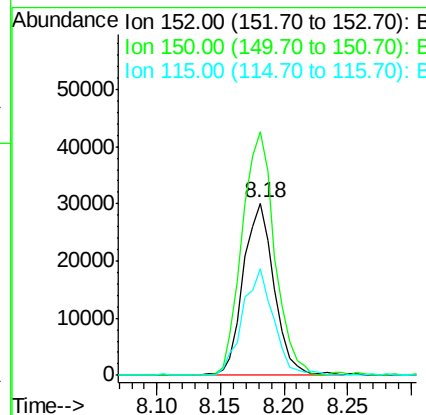
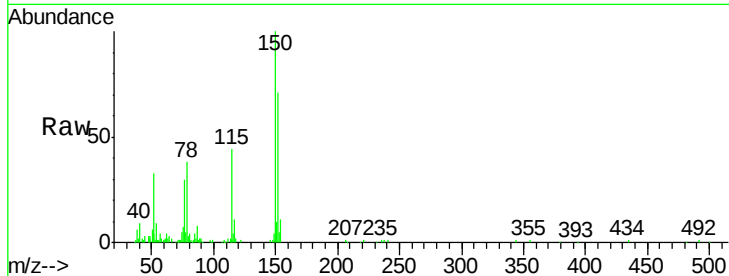


#1

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

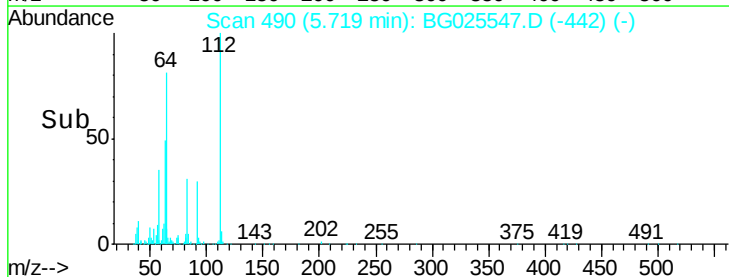
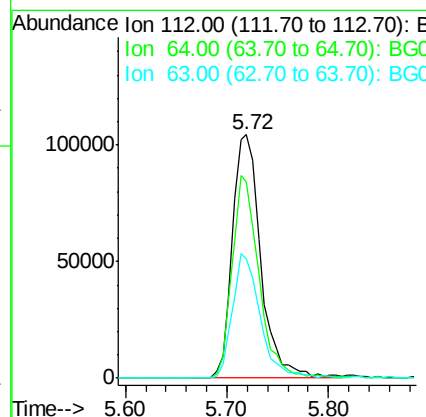
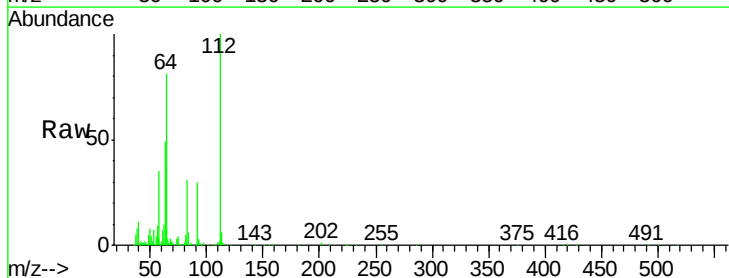
Tgt Ion:152 Resp: 50777
Ion Ratio Lower Upper
152 100
150 141.1 114.0 171.0
115 61.9 48.1 72.1

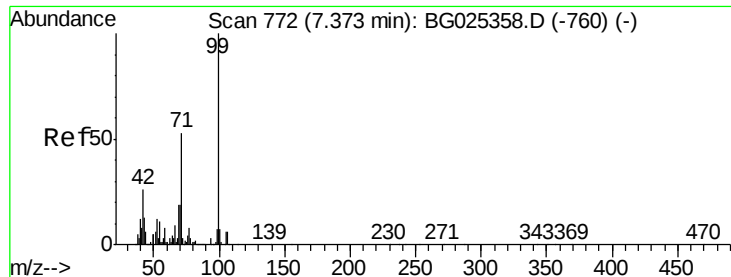


#5

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





#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

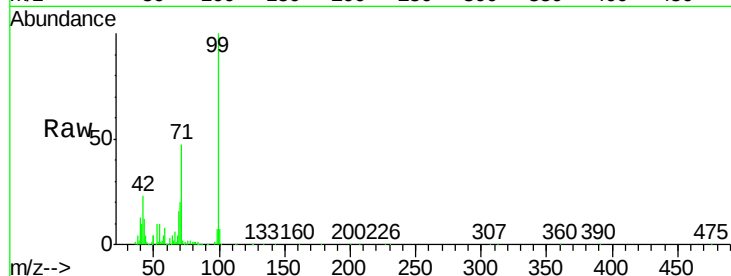
Tgt Ion: 99 Resp: 173821

Ion Ratio Lower Upper

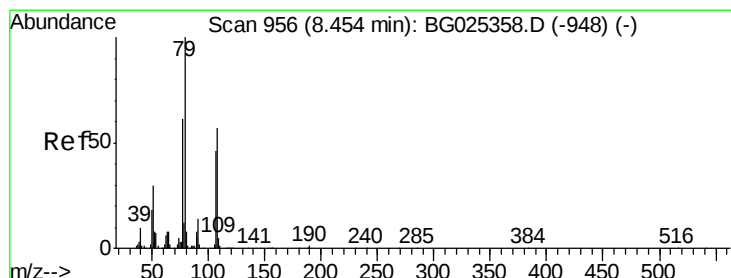
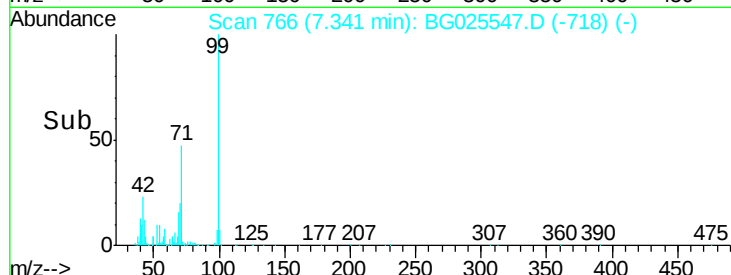
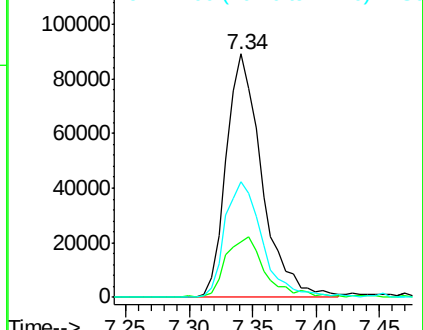
99 100

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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 8.50 min Scan# 964

Delta R.T. 0.06 min

Lab File: BG025547.D

Acq: 20 Jan 2017 20:42

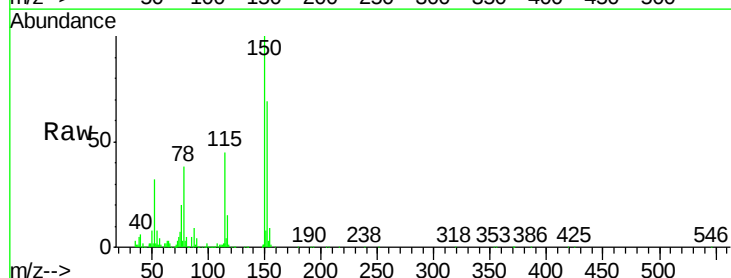
Tgt Ion: 79 Resp: 7922

Ion Ratio Lower Upper

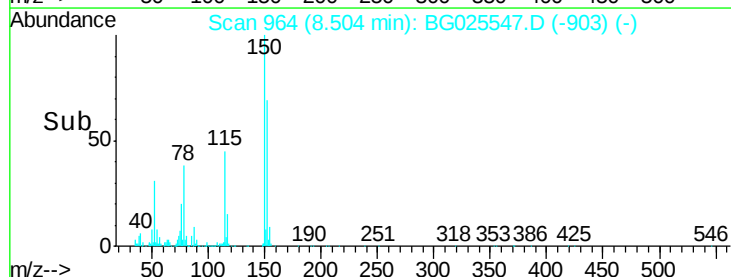
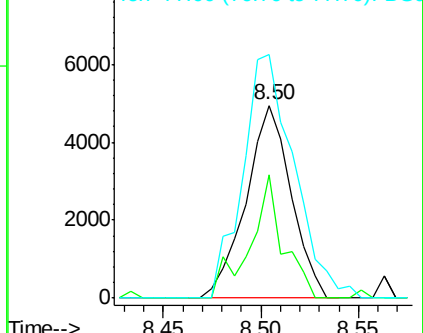
79 100

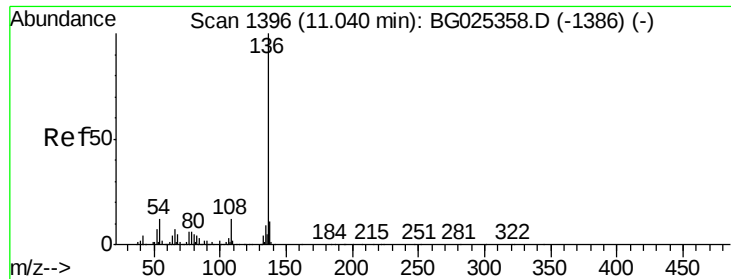
108 63.7 45.5 68.3

77 126.3 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

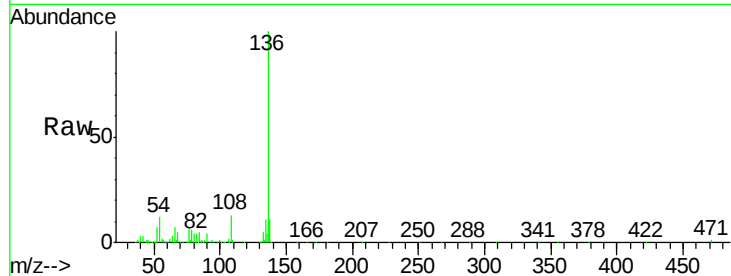




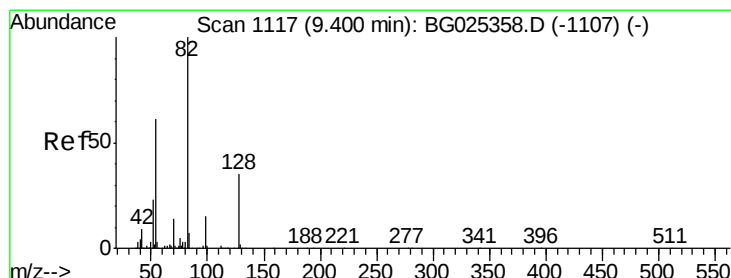
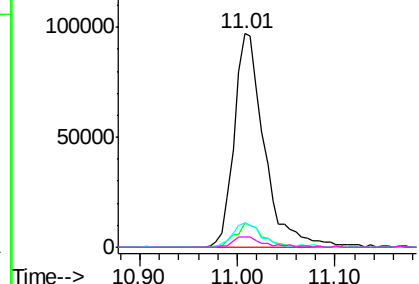
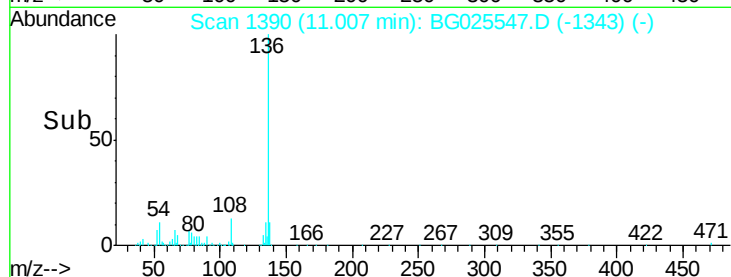
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025547.D
Acq: 20 Jan 2017 20:42

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK-11817

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#

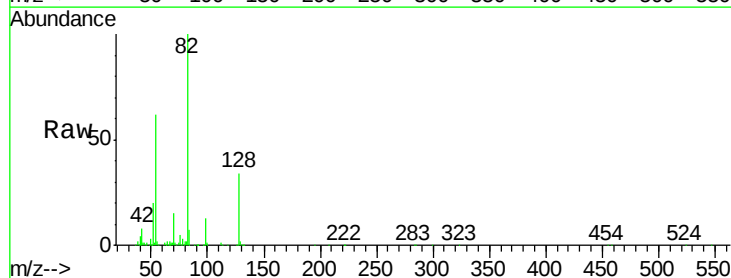


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

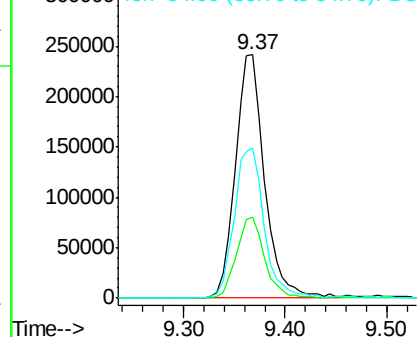
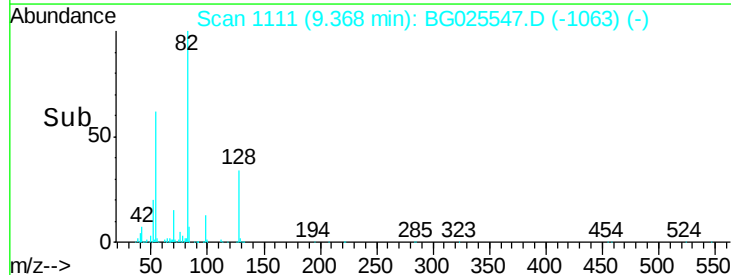


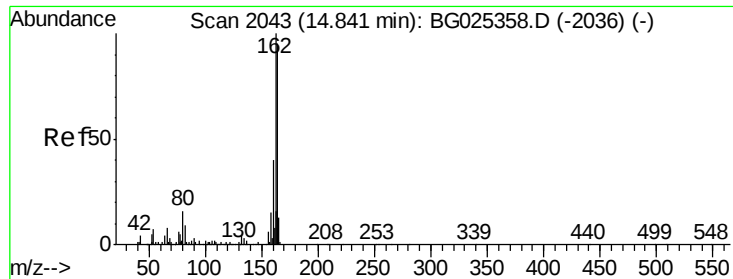
#23
Nitrobenzene-d5
Concen: 102.57 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025547.D
Acq: 20 Jan 2017 20:42

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



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





#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

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-11817

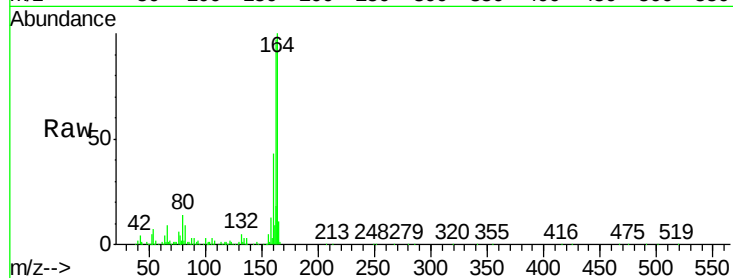
Tgt Ion:164 Resp: 172507

Ion Ratio Lower Upper

164 100

162 97.0 85.1 127.7

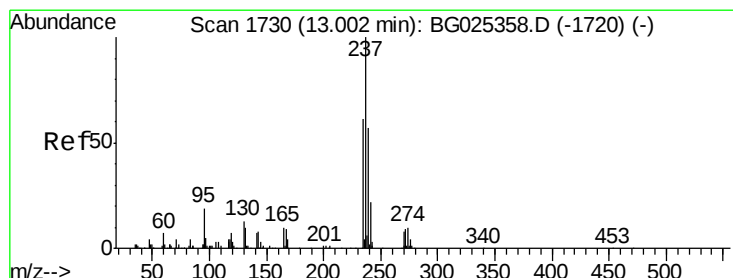
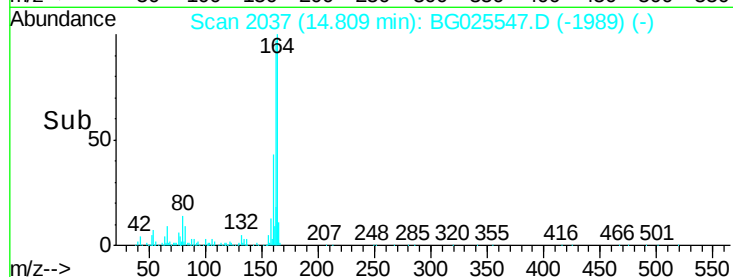
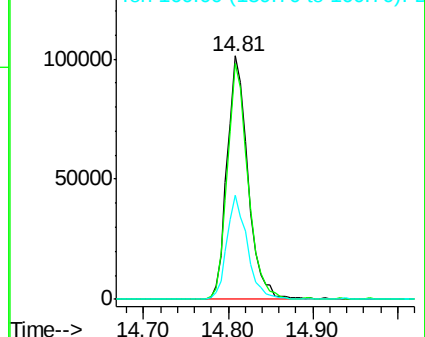
160 43.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 12.98 min Scan# 1725

Delta R.T. -0.02 min

Lab File: BG025547.D

Acq: 20 Jan 2017 20:42

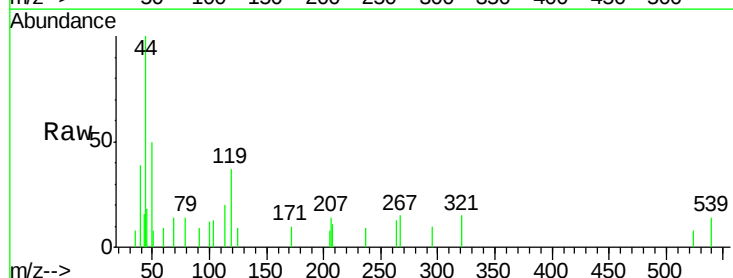
Tgt Ion:237 Resp: 61

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

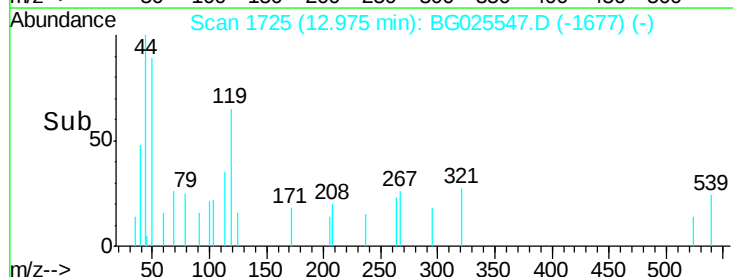
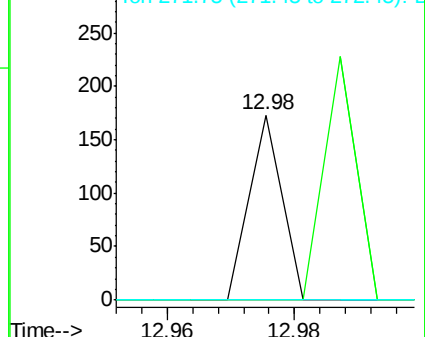
272 0.0 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

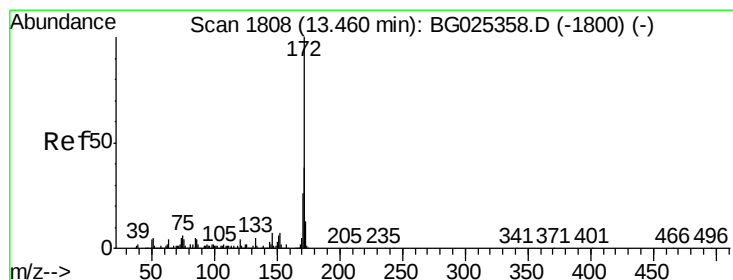
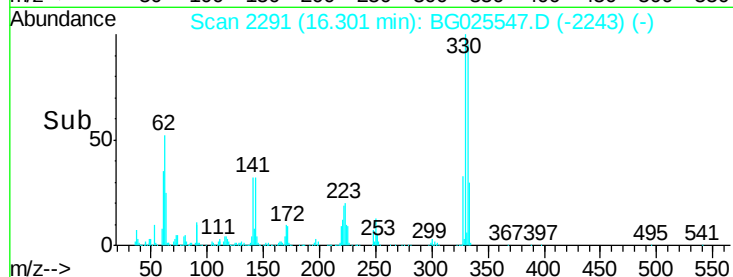
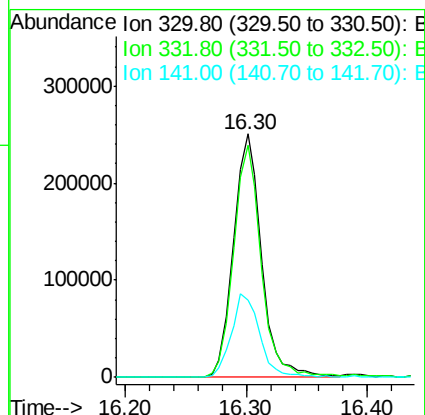
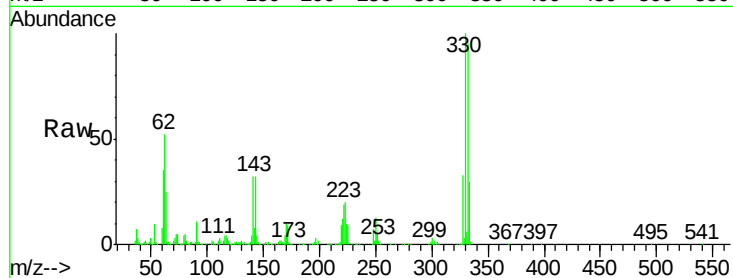




#41
 2,4,6-Tribromophenol
 Concen: 146.10 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025547.D
 Acq: 20 Jan 2017 20:42

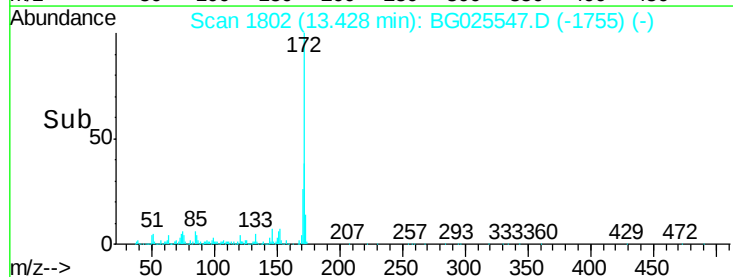
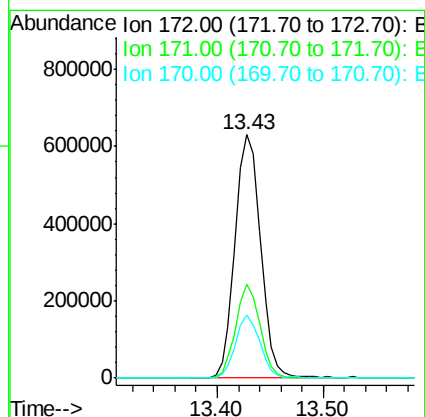
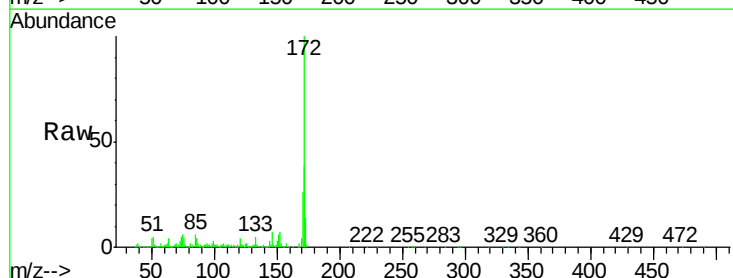
Instrument :
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 FIELDBLANK-11817

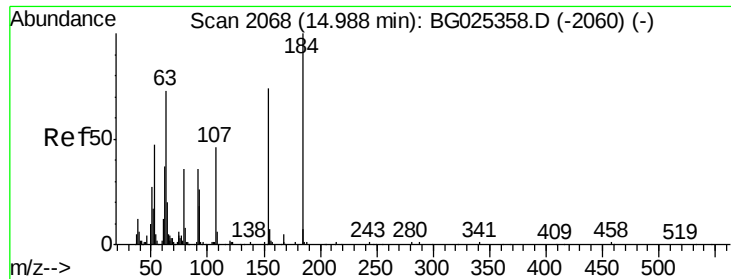
Tgt Ion:330 Resp: 405756
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.3 115.9
 141 34.6 32.1 48.1



#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:172 Resp: 1055935
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 25.7 21.8 32.6

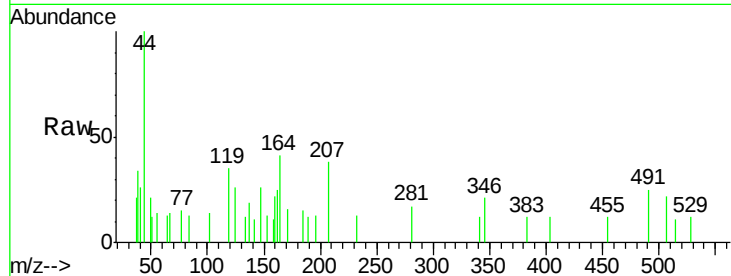




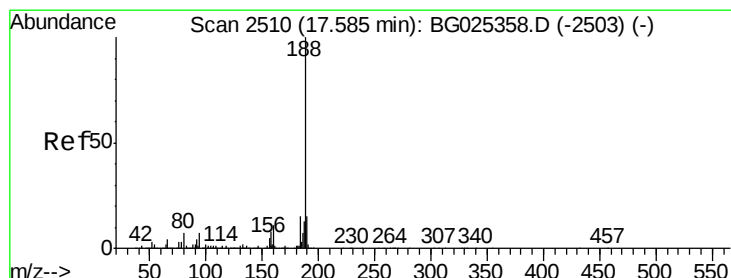
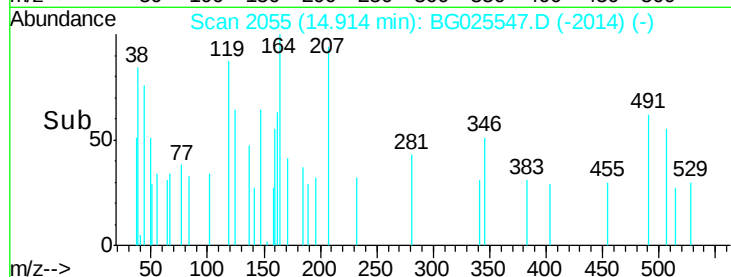
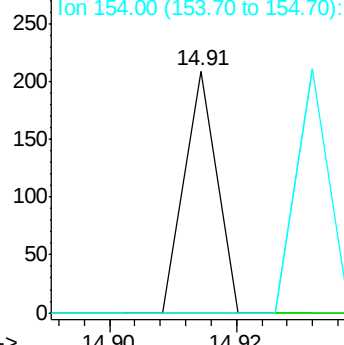
#53
2,4-Dinitrophenol
Concen: 5.12 ng
RT: 14.91 min Scan# 2055
Delta R.T. -0.06 min
Lab File: BG025547.D
Acq: 20 Jan 2017 20:42

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK-11817

Tgt Ion:184 Resp: 74
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

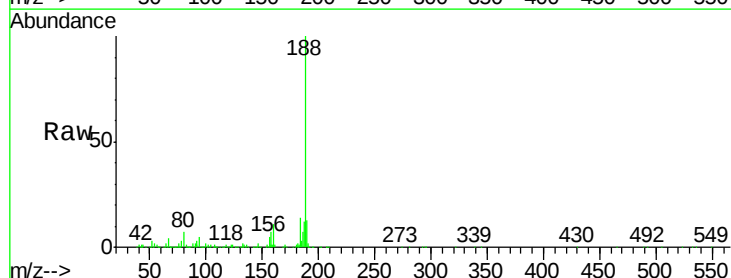


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

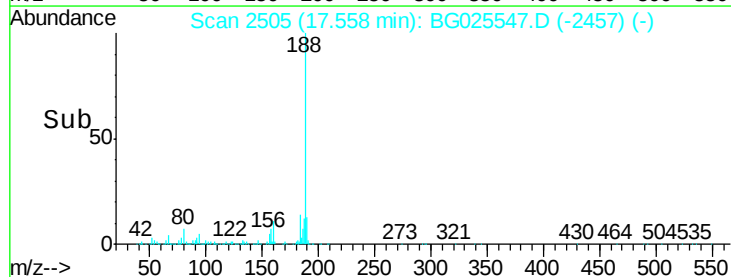
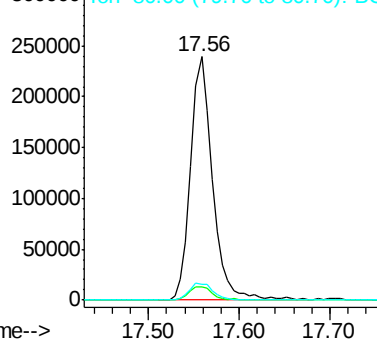


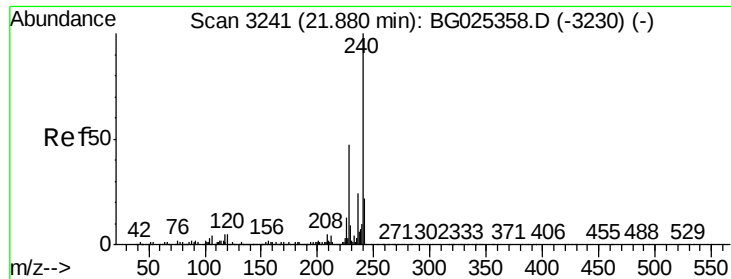
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025547.D
Acq: 20 Jan 2017 20:42

Tgt 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

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-11817

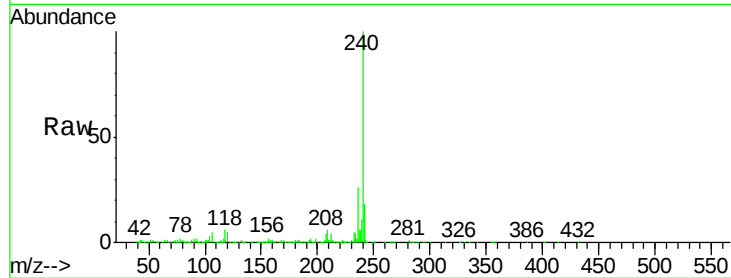
Tgt Ion:240 Resp: 621418

Ion Ratio Lower Upper

240 100

120 4.6 5.7 8.5#

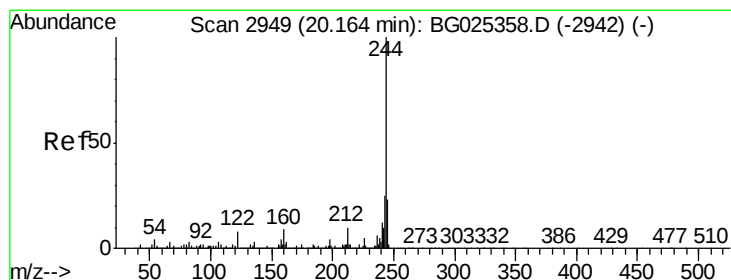
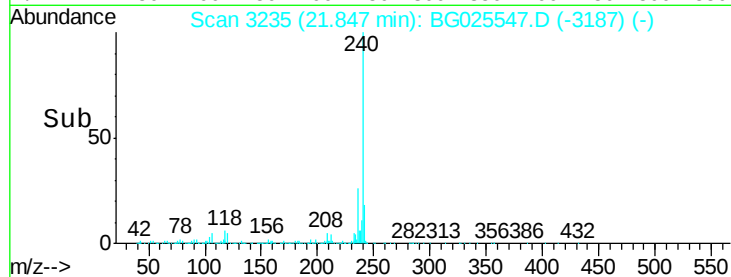
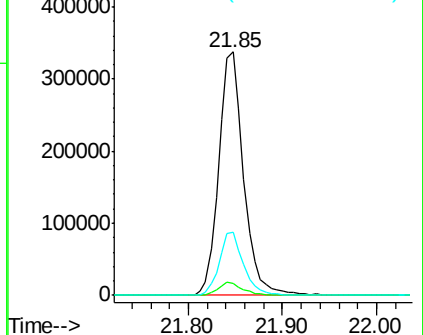
236 25.7 22.2 33.4



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

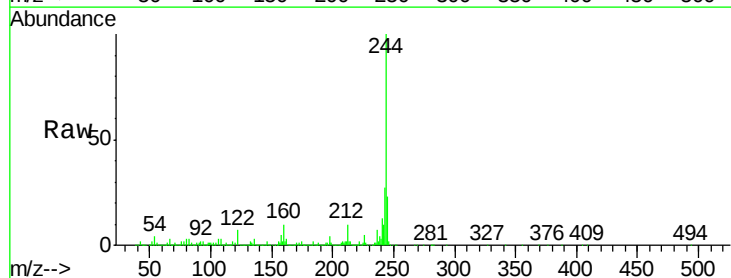
Tgt Ion:244 Resp: 2231574

Ion Ratio Lower Upper

244 100

212 10.3 10.0 15.0

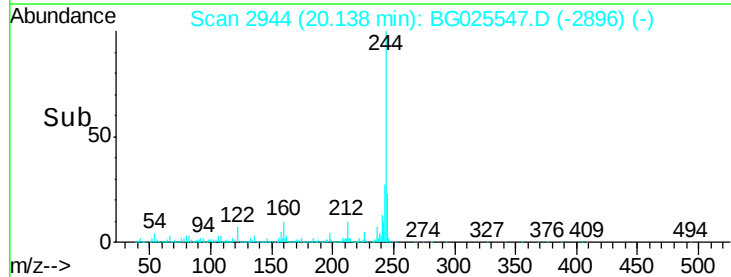
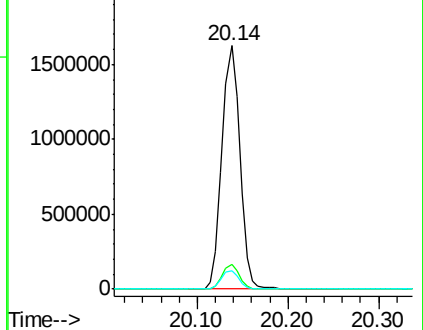
122 7.3 8.6 12.8#

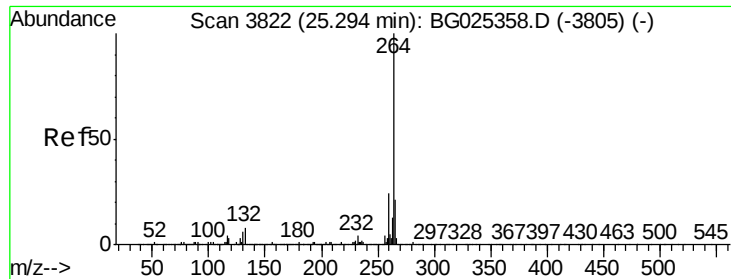


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK-11817

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	22.7	18.2	27.4

