

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025502.D
 Acq On : 13 Jan 2017 4:15
 Operator : UM/SJ
 Sample : I1135-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-41

Quant Time: Jan 13 04:58:55 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

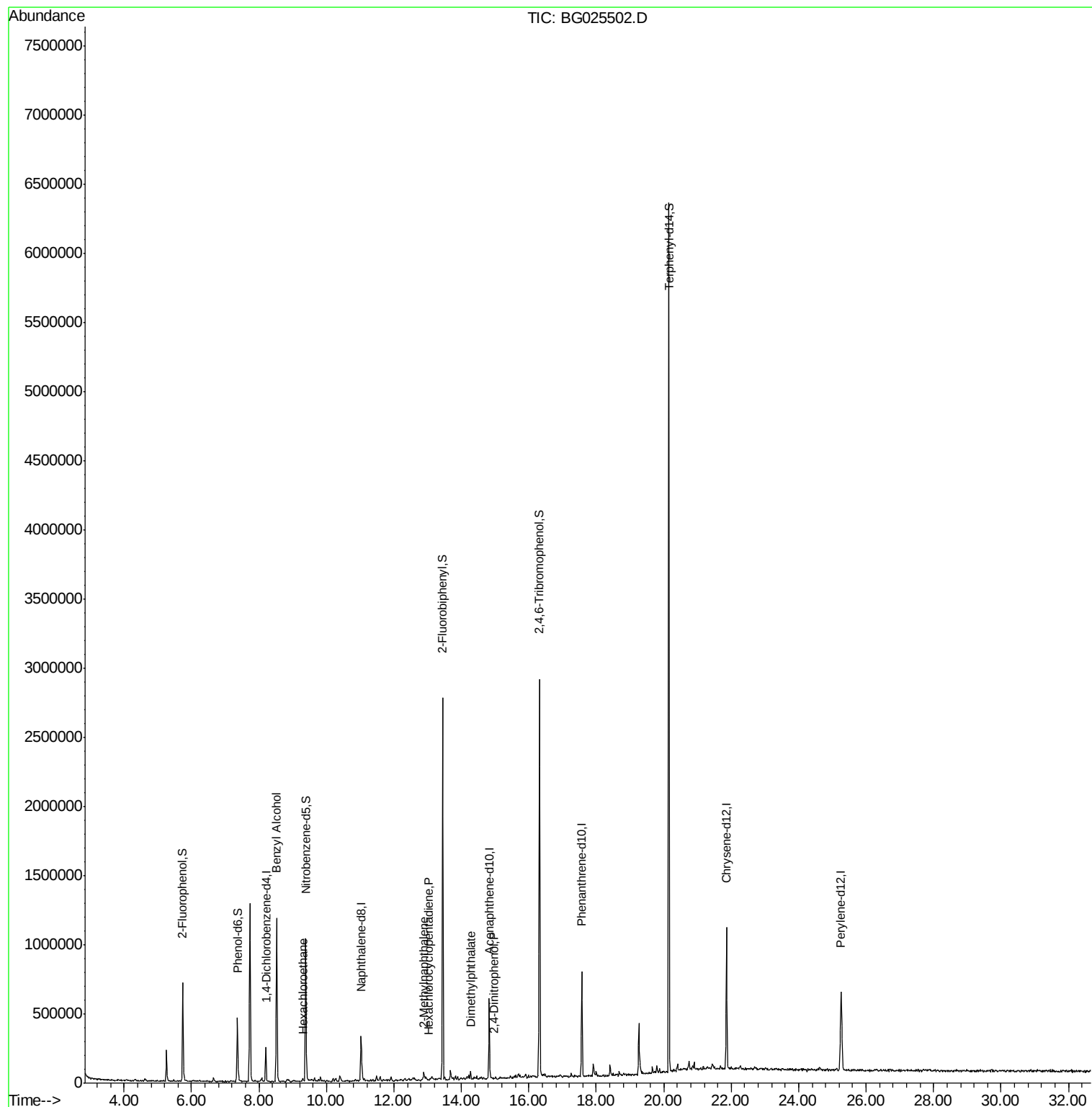
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	58214	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	254052	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	206638	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	483714	20.00	ng	0.00
75) Chrysene-d12	21.86	240	674923	20.00	ng	0.00
86) Perylene-d12	25.26	264	722141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	286166	89.35	ng	0.00
7) Phenol-d6	7.36	99	262676	58.24	ng	0.00
23) Nitrobenzene-d5	9.38	82	639377	111.18	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	576164	173.19	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	1364758	106.93	ng	0.00
78) Terphenyl-d14	20.15	244	2526565	99.26	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.52	79	13106	3.04	ng	# 72
18) Hexachloroethane	9.31	117	4552	2.62	ng	# 15
37) 2-Methylnaphthalene	12.89	142	23084	2.46	ng	# 92
40) Hexachlorocyclopentadiene	13.02	237	133	8.56	ng	# 29
49) Dimethylphthalate	14.27	163	31401	2.08	ng	# 92
53) 2,4-Dinitrophenol	14.95	184	240	5.18	ng	# 54

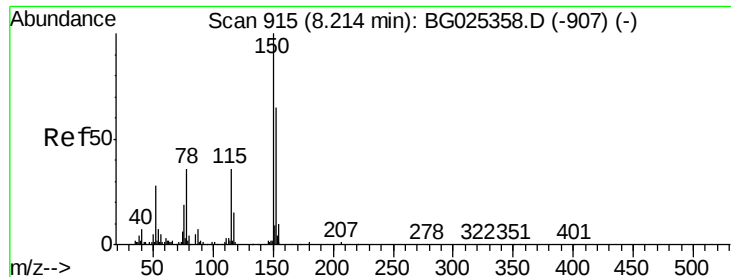
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration



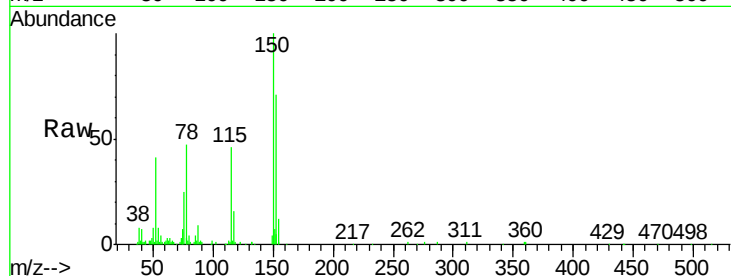


#1

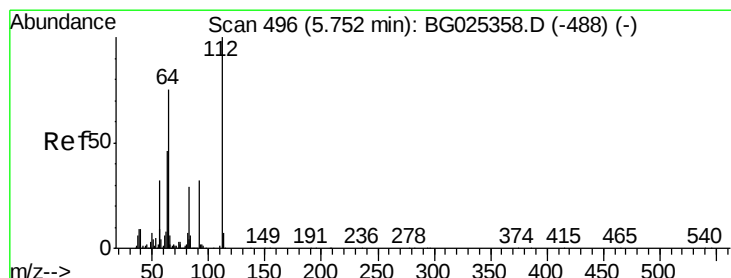
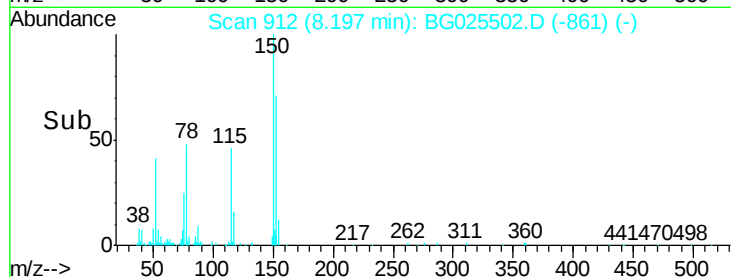
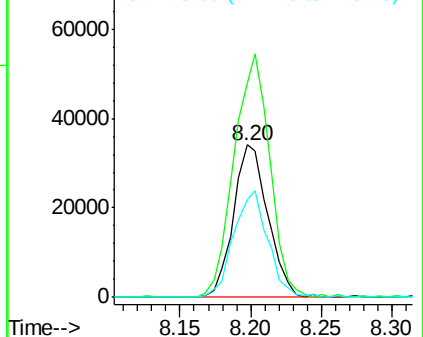
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Instrument :
BNA_G
ClientSampleId :
W-41

Tgt Ion:152 Resp: 58214
Ion Ratio Lower Upper
152 100
150 140.9 114.0 171.0
115 64.5 48.1 72.1



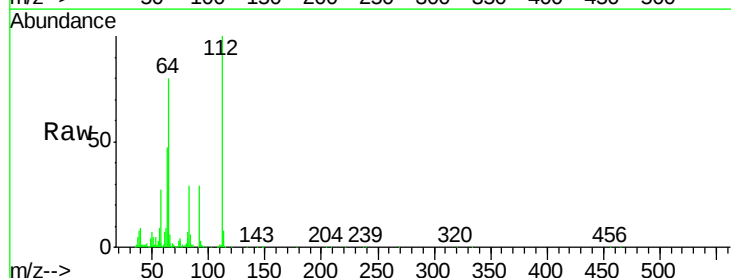
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



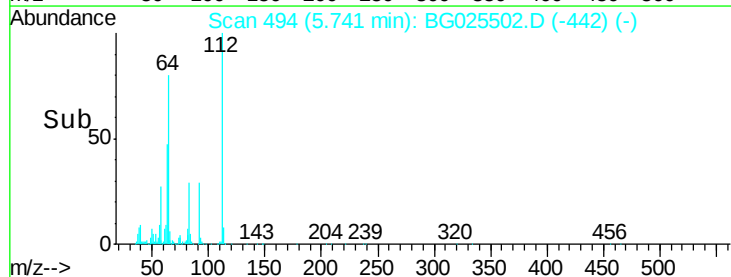
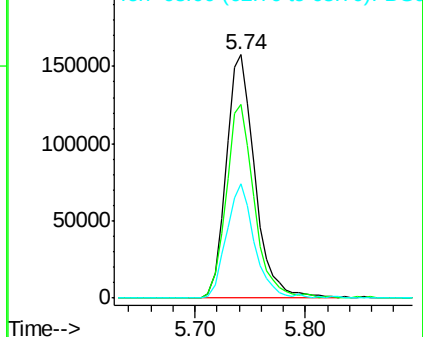
#5

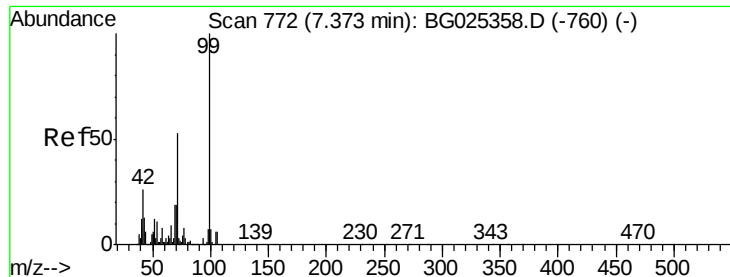
2-Fluorophenol
Concen: 89.35 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Tgt Ion:112 Resp: 286166
Ion Ratio Lower Upper
112 100
64 79.8 61.8 92.6
63 46.9 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: 58.24 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025502.D

Acq: 13 Jan 2017 4:15

Instrument :

BNA_G

ClientSampleId :

W-41

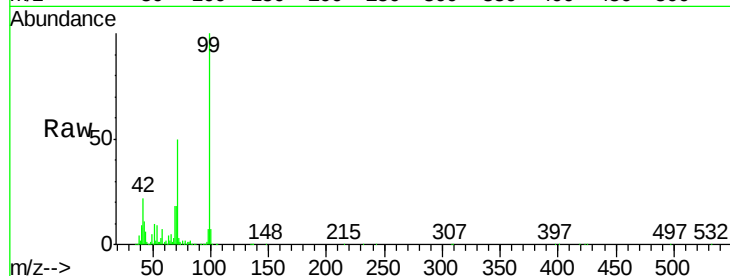
Tgt Ion: 99 Resp: 262676

Ion Ratio Lower Upper

99 100

42 22.1 20.5 30.7

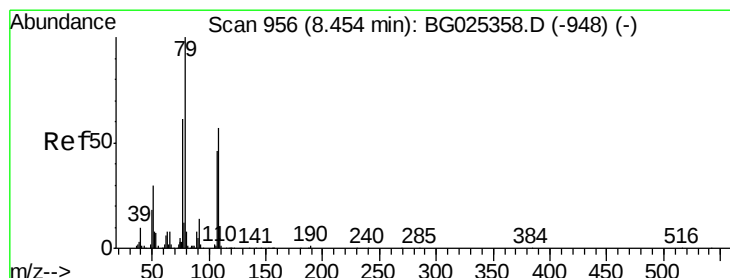
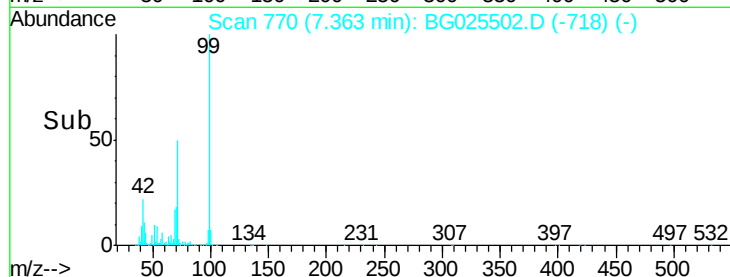
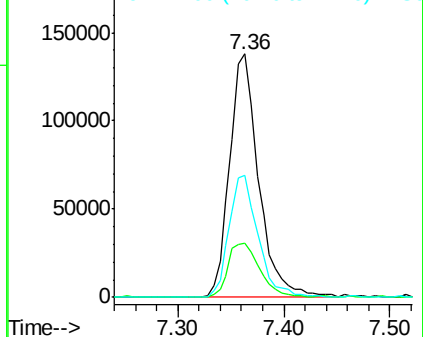
71 50.0 37.6 56.4



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: 3.04 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.08 min

Lab File: BG025502.D

Acq: 13 Jan 2017 4:15

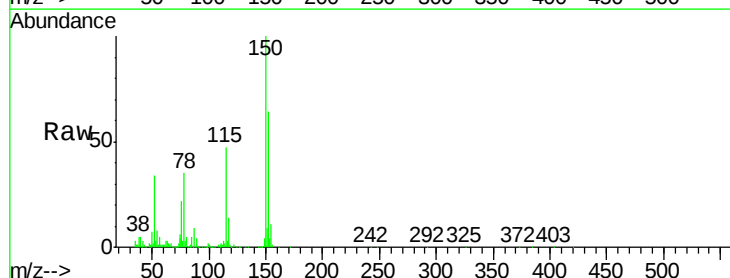
Tgt Ion: 79 Resp: 13106

Ion Ratio Lower Upper

79 100

108 36.2 45.5 68.3#

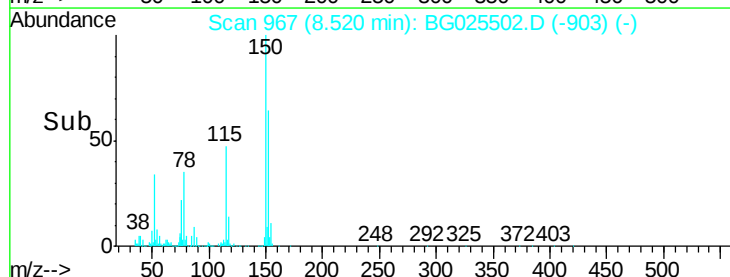
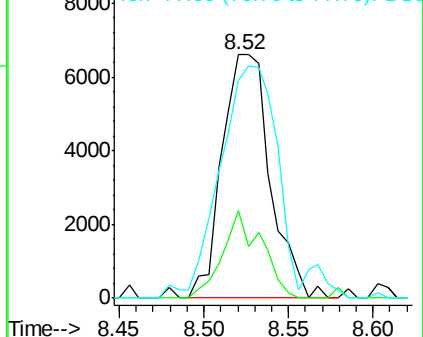
77 89.7 54.3 81.5#

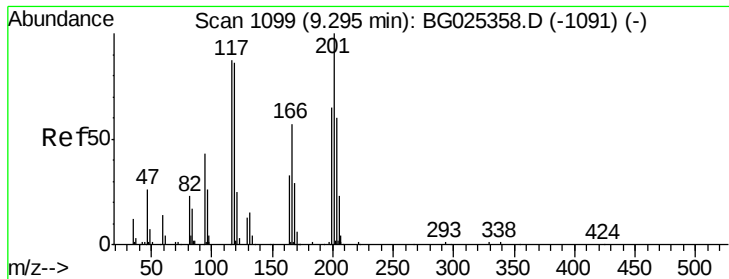


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

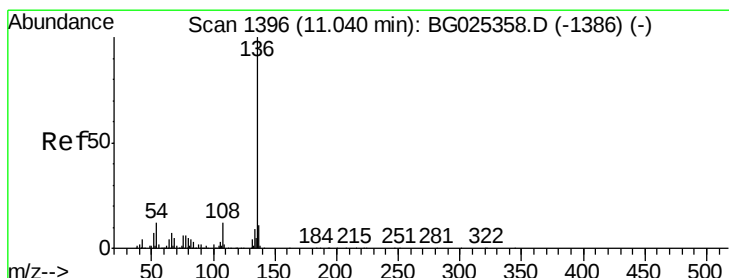
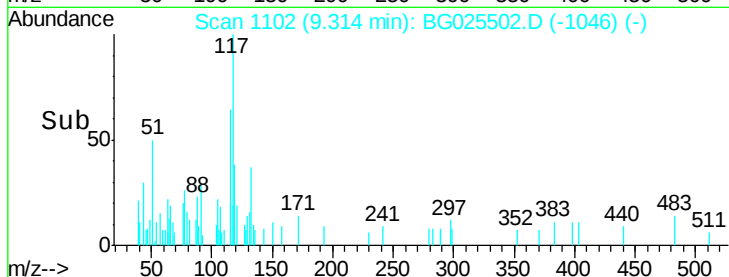
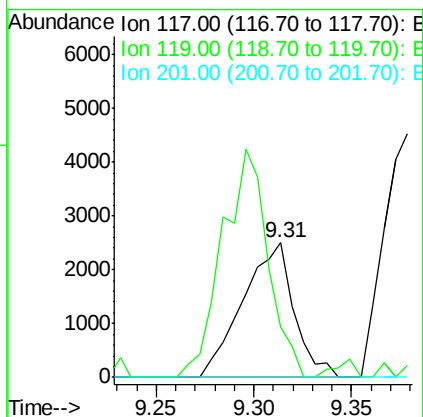
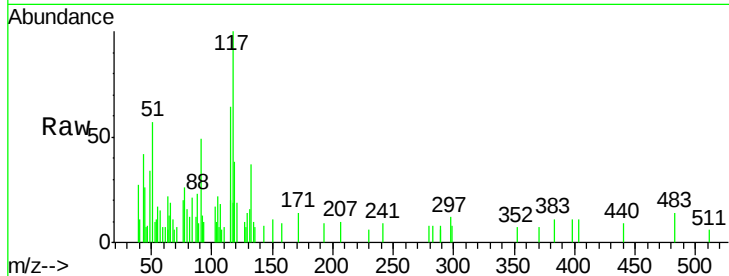




#18
Hexachloroethane
Concen: 2.62 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.03 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

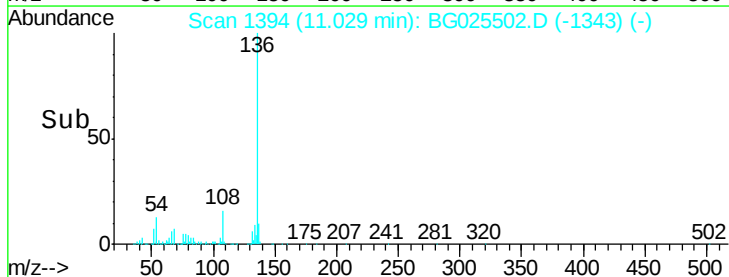
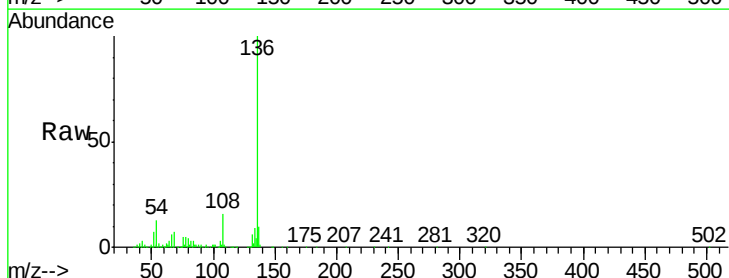
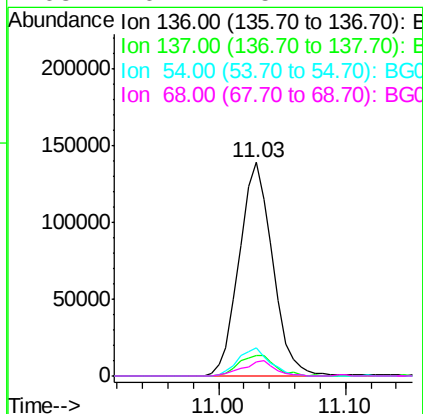
Instrument :
BNA_G
ClientSampleId :
W-41

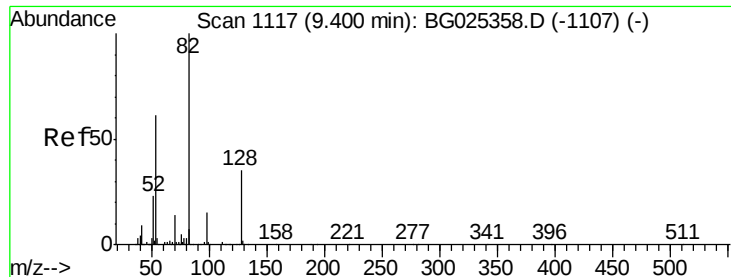
Tgt Ion:117 Resp: 4552
Ion Ratio Lower Upper
117 100
119 37.7 69.8 104.6#
201 0.0 95.4 143.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Tgt Ion:136 Resp: 254052
Ion Ratio Lower Upper
136 100
137 9.6 8.9 13.3
54 13.2 9.3 13.9
68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 111.18 ng

RT: 9.38 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BG025502.D

Acq: 13 Jan 2017 4:15

Instrument :

BNA_G

ClientSampleId :

W-41

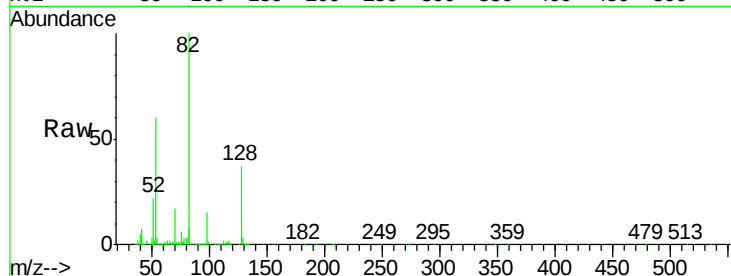
Tgt Ion: 82 Resp: 639377

Ion Ratio Lower Upper

82 100

128 36.9 26.4 39.6

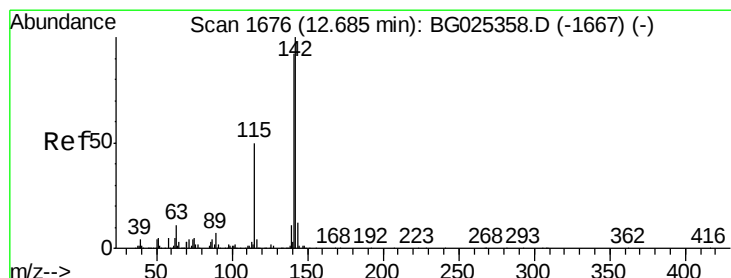
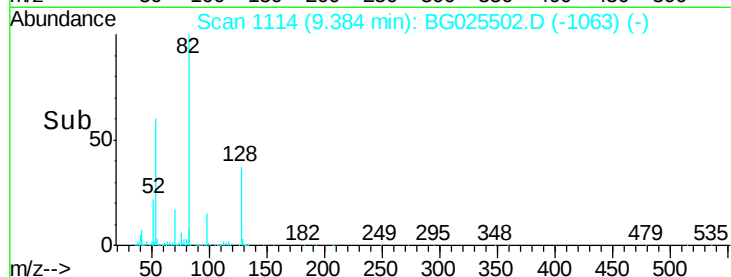
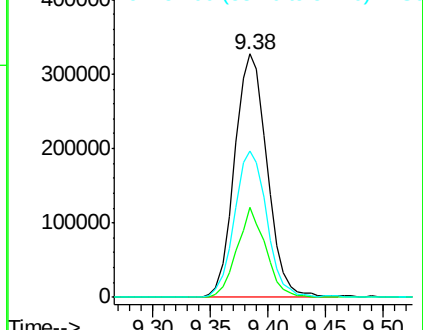
54 60.0 49.4 74.2



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



#37

2-Methylnaphthalene

Concen: 2.46 ng

RT: 12.89 min Scan# 1711

Delta R.T. 0.22 min

Lab File: BG025502.D

Acq: 13 Jan 2017 4:15

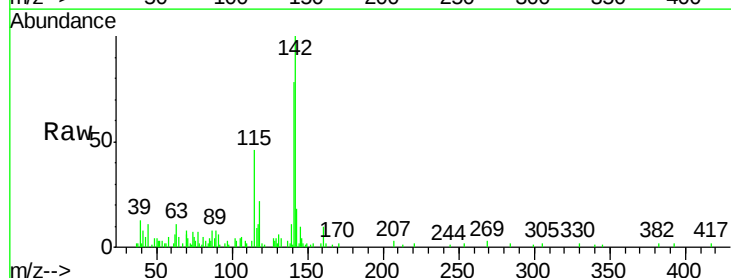
Tgt Ion: 142 Resp: 23084

Ion Ratio Lower Upper

142 100

141 77.7 70.4 105.6

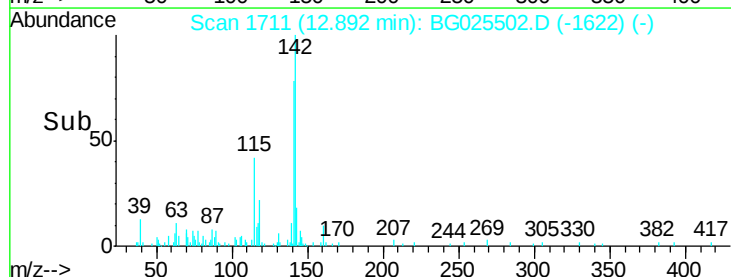
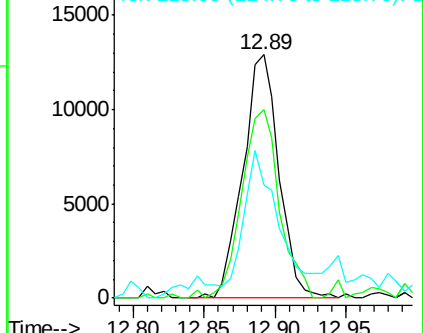
115 46.2 35.5 53.3

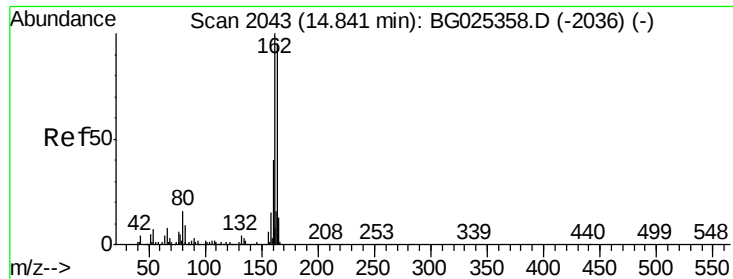


Abundance Ion 142.00 (141.70 to 142.70): BGC

Ion 141.00 (140.70 to 141.70): BGC

Ion 115.00 (114.70 to 115.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BG025502.D

Acq: 13 Jan 2017 4:15

Instrument :

BNA_G

ClientSampleId :

W-41

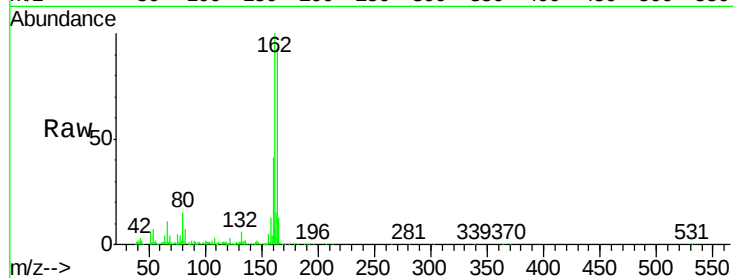
Tgt Ion:164 Resp: 206638

Ion Ratio Lower Upper

164 100

162 107.3 85.1 127.7

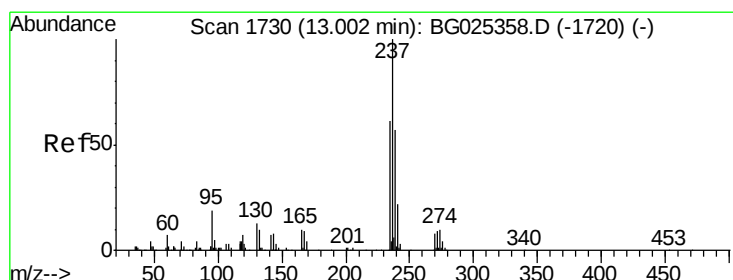
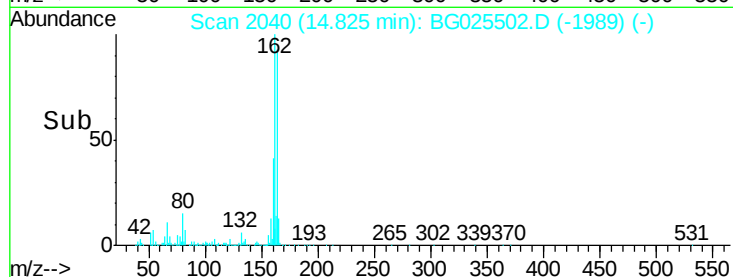
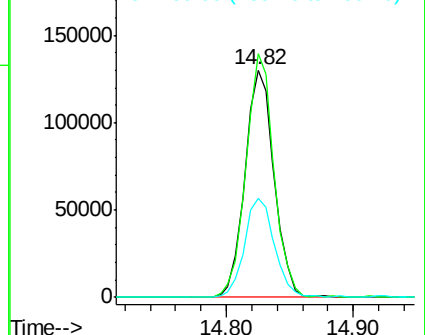
160 43.7 34.7 52.1



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: 8.56 ng

RT: 13.02 min Scan# 1733

Delta R.T. 0.03 min

Lab File: BG025502.D

Acq: 13 Jan 2017 4:15

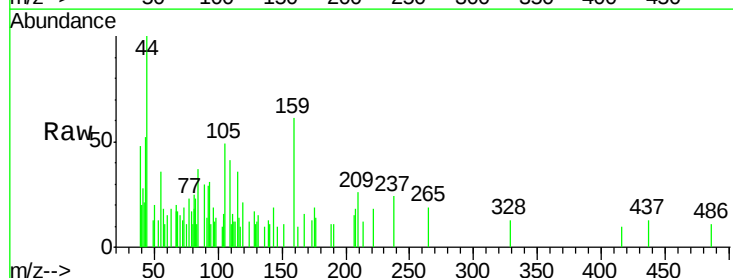
Tgt Ion:237 Resp: 133

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

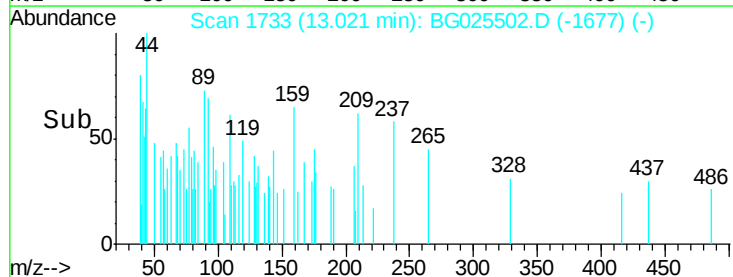
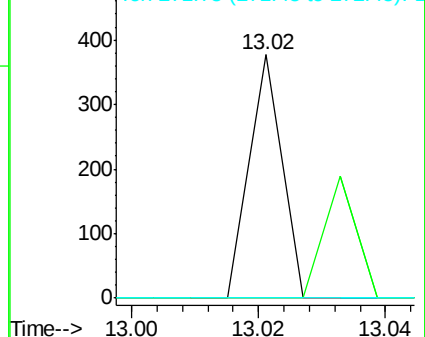
272 0.0 0.0 32.0

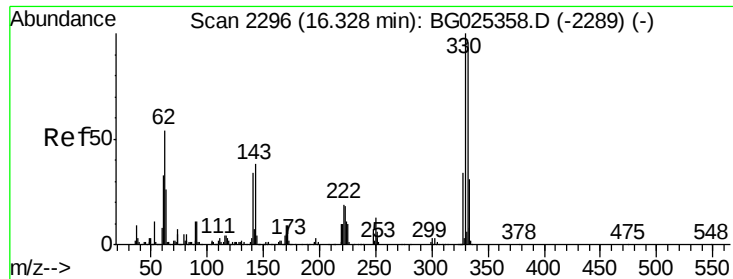


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

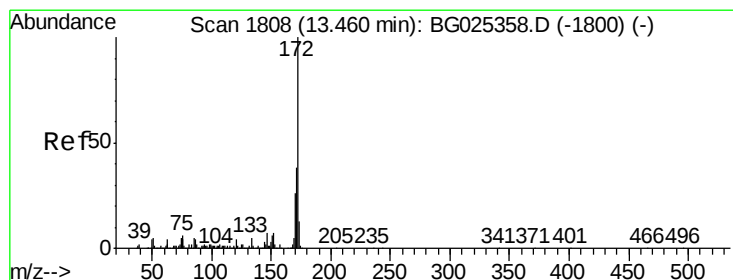
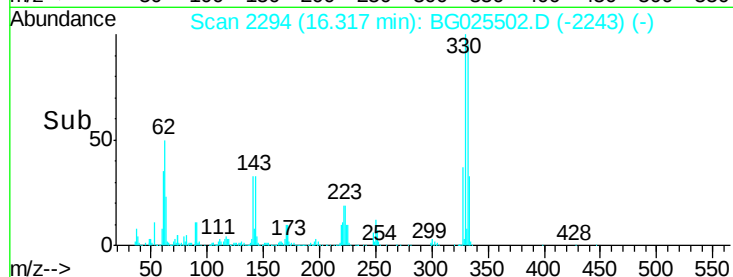
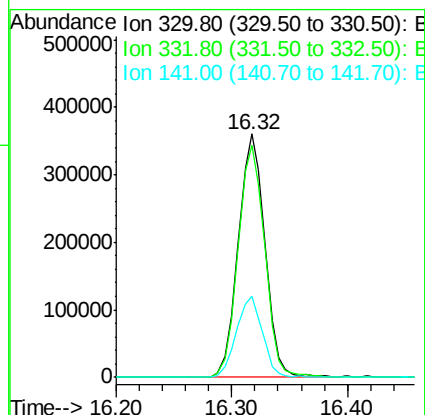
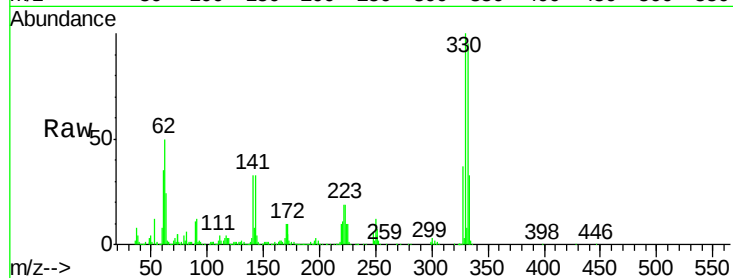




#41
 2,4,6-Tribromophenol
 Concen: 173.19 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG025502.D
 Acq: 13 Jan 2017 4:15

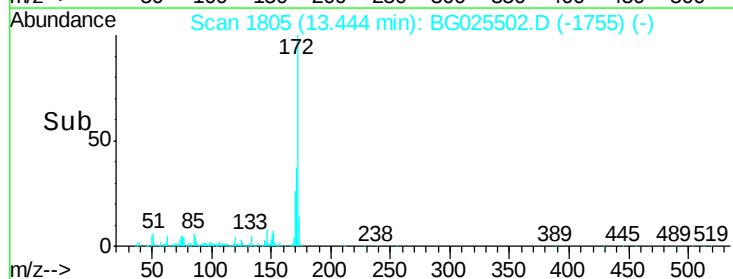
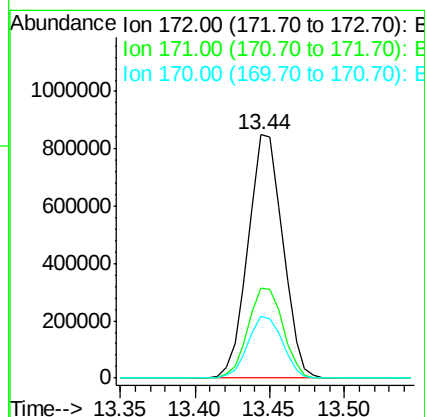
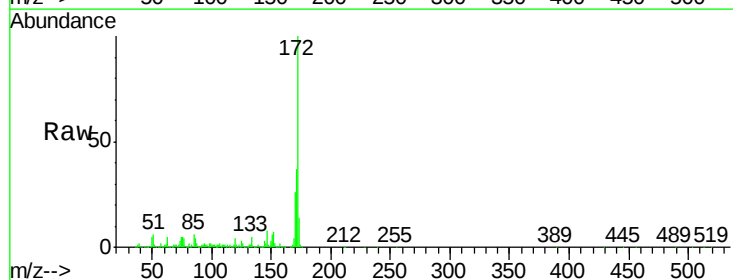
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 BNA_G
 ClientSampleId :
 W-41

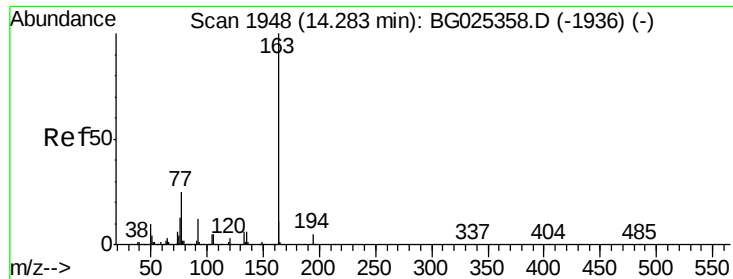
Tgt Ion:330 Resp: 576164
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 32.9 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 106.93 ng
 RT: 13.44 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG025502.D
 Acq: 13 Jan 2017 4:15

Tgt Ion:172 Resp: 1364758
 Ion Ratio Lower Upper
 172 100
 171 37.2 32.2 48.2
 170 25.6 21.8 32.6





#49

Dimethylphthalate

Concen: 2.08 ng

RT: 14.27 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG025502.D

Acq: 13 Jan 2017 4:15

Instrument :

BNA_G

ClientSampled :

W-41

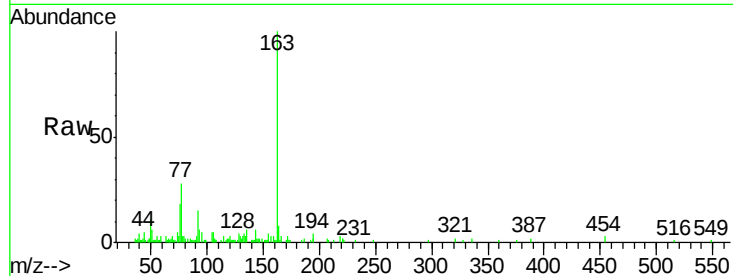
Tgt Ion:163 Resp: 31401

Ion Ratio Lower Upper

163 100

194 3.5 3.8 5.6#

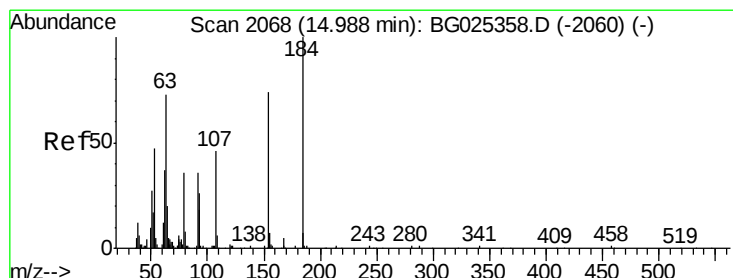
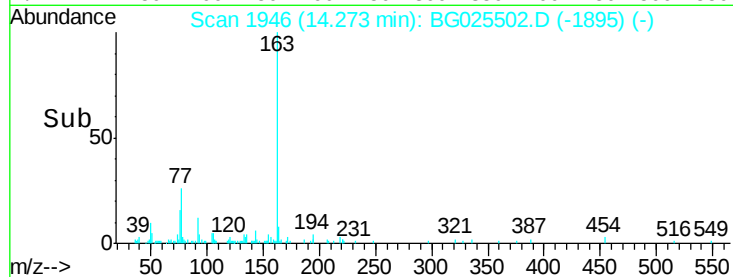
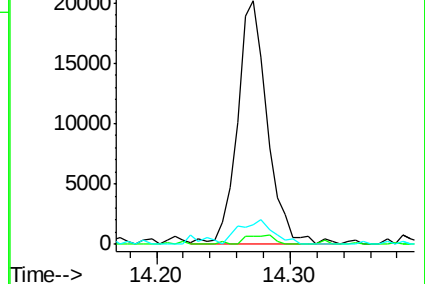
164 8.0 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 5.18 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.02 min

Lab File: BG025502.D

Acq: 13 Jan 2017 4:15

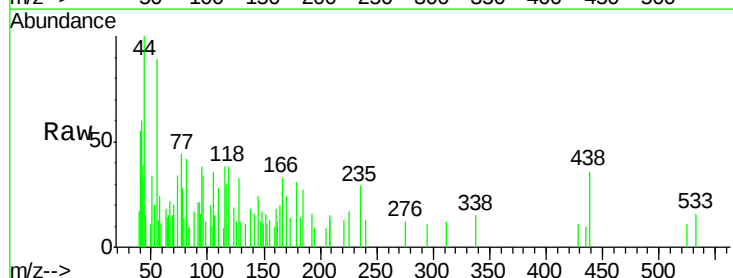
Tgt Ion:184 Resp: 240

Ion Ratio Lower Upper

184 100

63 67.8 52.7 79.1

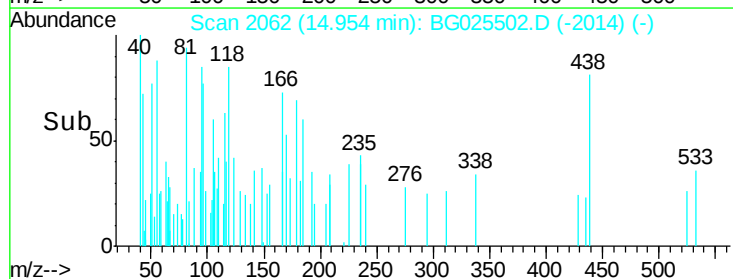
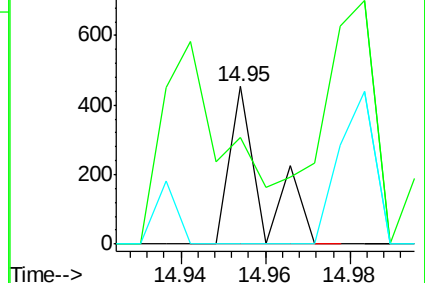
154 0.0 57.3 85.9#

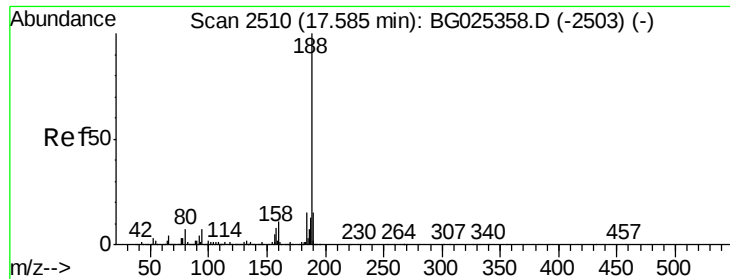


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

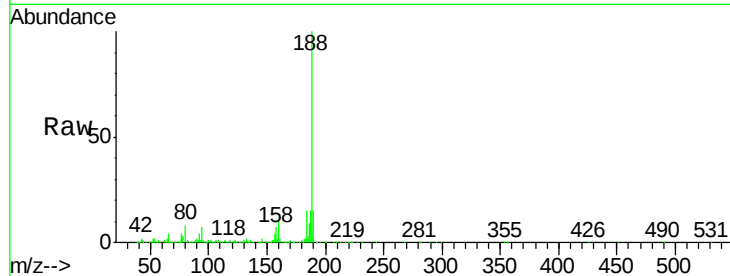




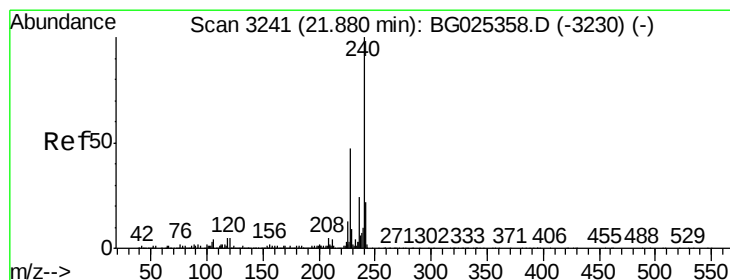
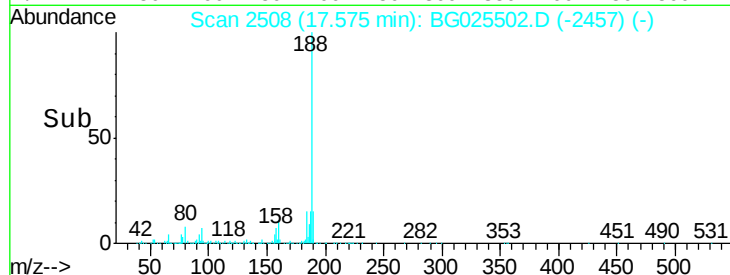
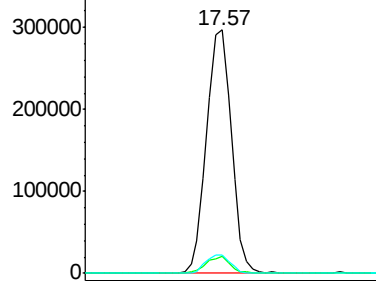
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Instrument :
BNA_G
ClientSampleId :
W-41

Tgt Ion:188 Resp: 483714
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 7.7 7.5 11.3

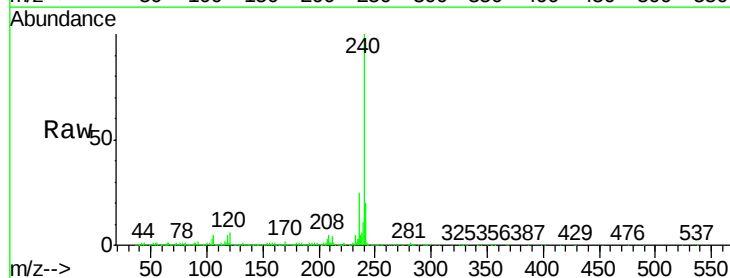


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

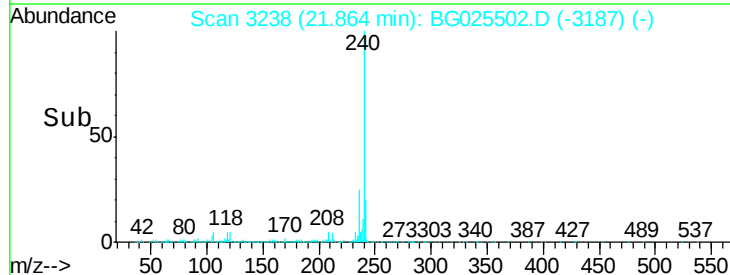
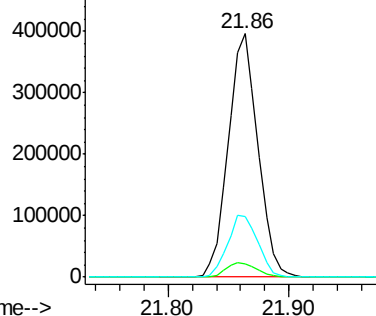


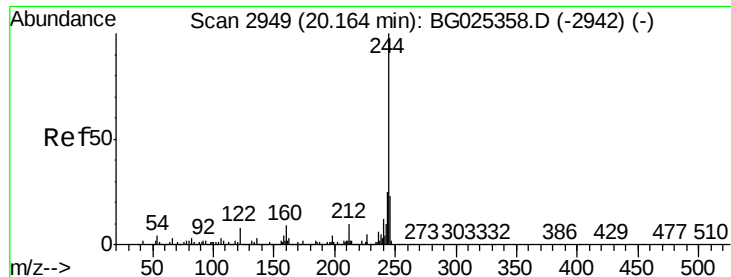
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Tgt Ion:240 Resp: 674923
Ion Ratio Lower Upper
240 100
120 5.5 5.7 8.5#
236 25.1 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: 99.26 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025502.D

Acq: 13 Jan 2017 4:15

Instrument :

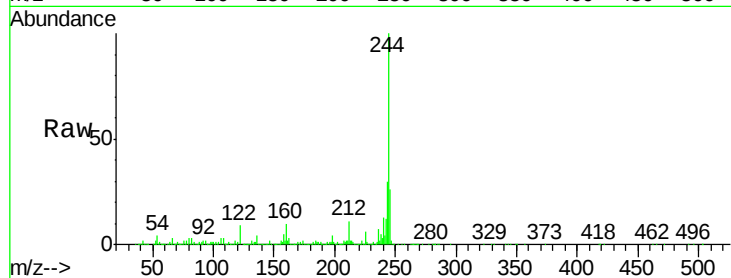
BNA_G

ClientSampleId :

W-41

Tgt Ion:244 Resp: 2526565

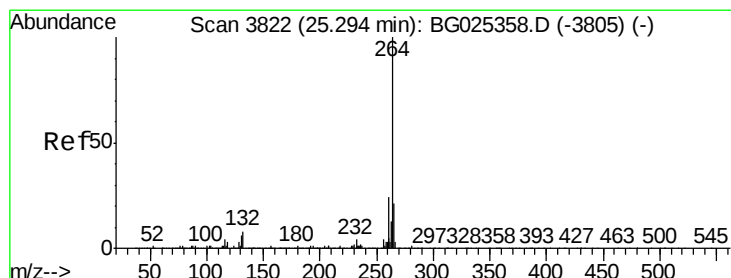
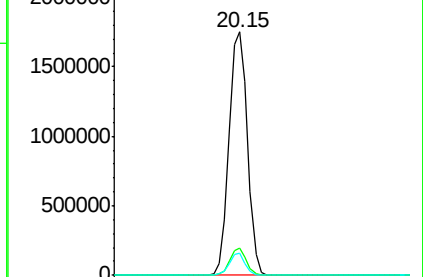
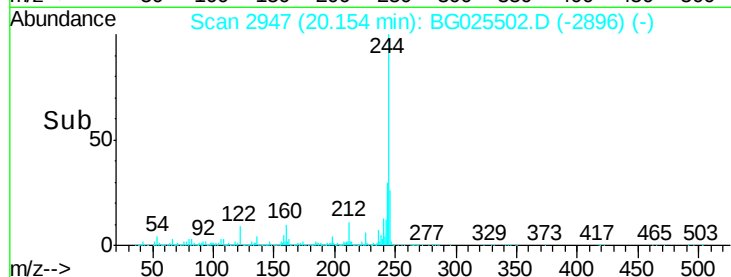
Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.0	15.0
122	9.0	8.6	12.8



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

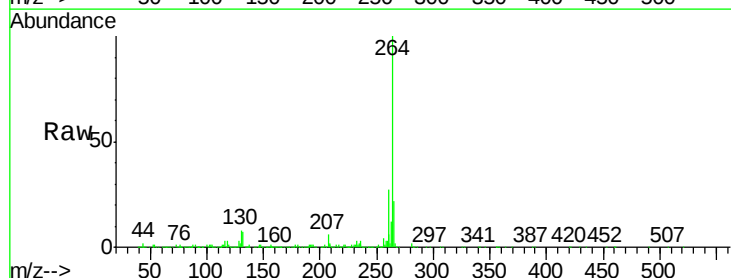
Delta R.T. -0.01 min

Lab File: BG025502.D

Acq: 13 Jan 2017 4:15

Tgt Ion:264 Resp: 722141

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.8	32.8
265	21.8	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

