

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011017\
 Data File : BG025457.D
 Acq On : 10 Jan 2017 18:24
 Operator : UM/SJ
 Sample : PB95862BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BL

Quant Time: Jan 10 23:04:08 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

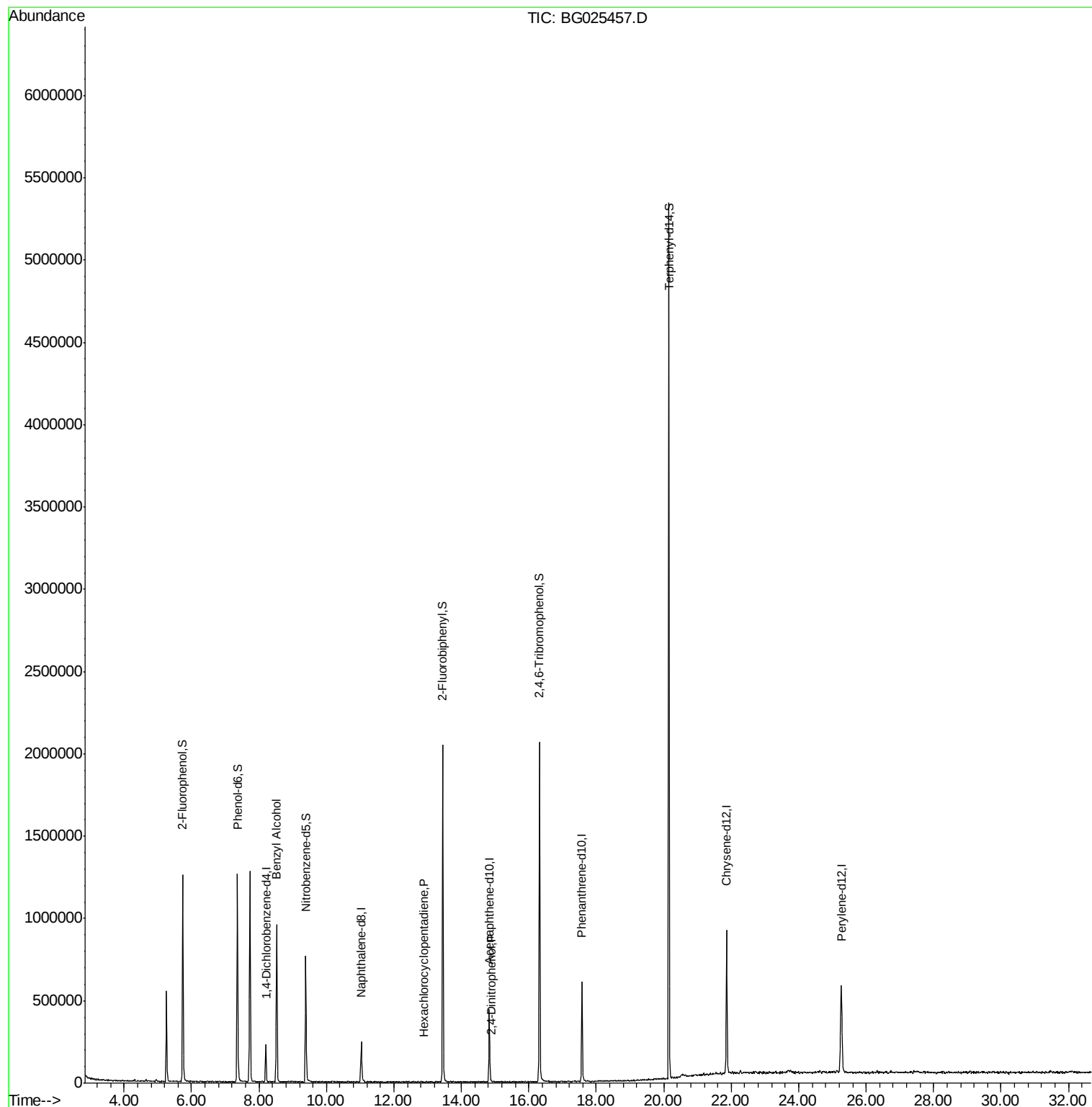
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	58392	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	223487	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	175669	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	414508	20.00	ng	0.00
75) Chrysene-d12	21.86	240	643723	20.00	ng	0.00
86) Perylene-d12	25.26	264	678962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	498076	155.04	ng	0.00
7) Phenol-d6	7.36	99	657493	145.32	ng	0.00
23) Nitrobenzene-d5	9.38	82	485982	96.06	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	410384	145.11	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1064160	98.07	ng	0.00
78) Terphenyl-d14	20.15	244	2199545	90.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.52	79	9886	2.29	ng	# 72
40) Hexachlorocyclopentadiene	12.90	237	71	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.88	184	69	5.11	ng	# 47

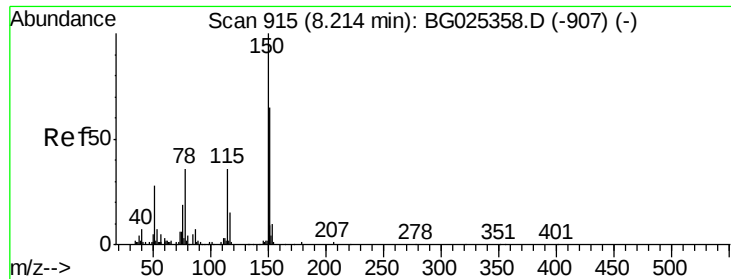
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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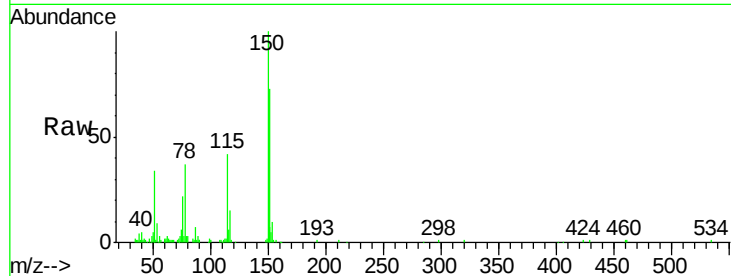


#1

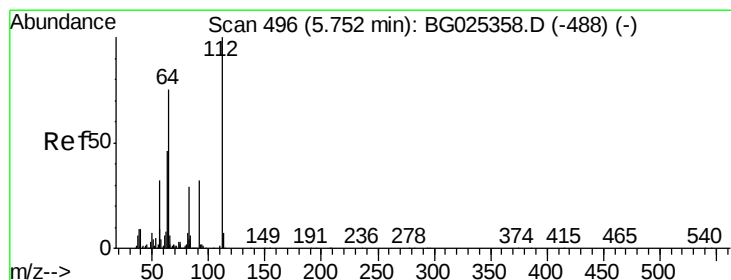
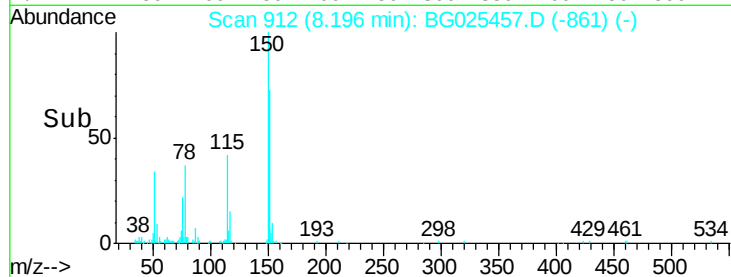
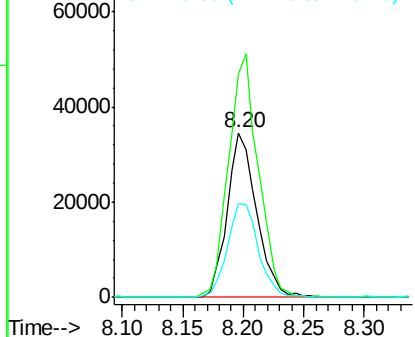
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

Instrument :
BNA_G
ClientSampleId :
PB95862BL

Tgt Ion:152 Resp: 58392
Ion Ratio Lower Upper
152 100
150 136.1 114.0 171.0
115 57.2 48.1 72.1



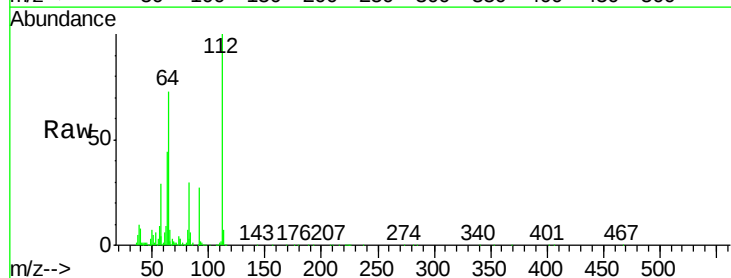
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



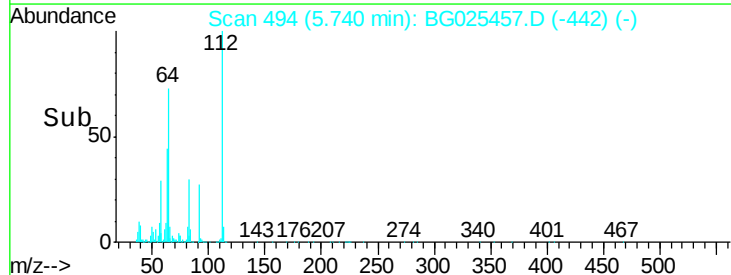
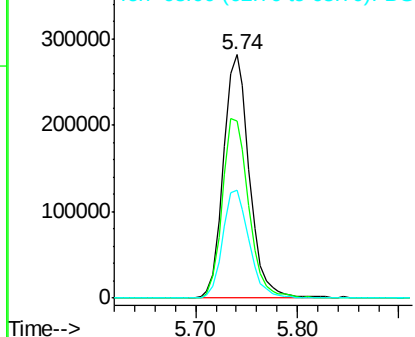
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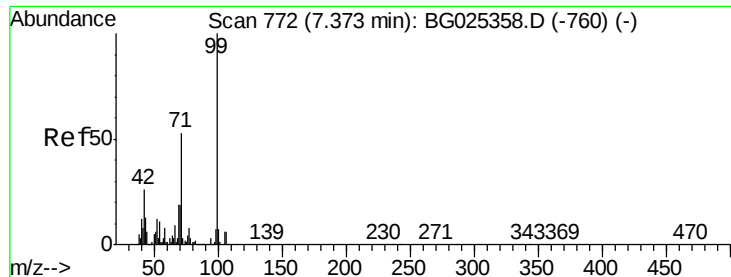
2-Fluorophenol
Concen: 155.04 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

Tgt Ion:112 Resp: 498076
Ion Ratio Lower Upper
112 100
64 72.8 61.8 92.6
63 44.3 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: 145.32 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025457.D

Acq: 10 Jan 2017 18:24

Instrument :

BNA_G

ClientSampleId :

PB95862BL

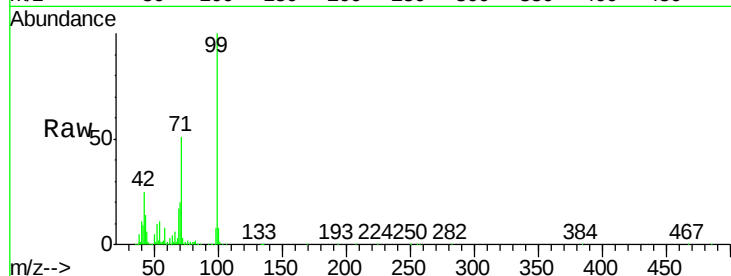
Tgt Ion: 99 Resp: 657493

Ion Ratio Lower Upper

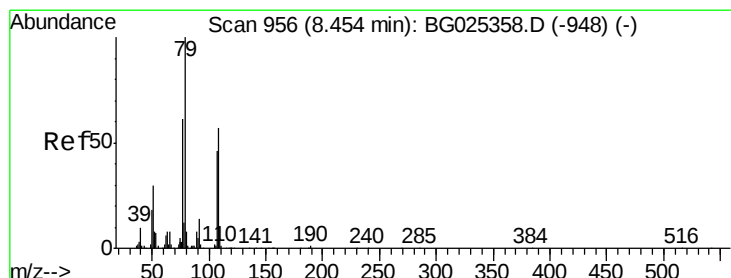
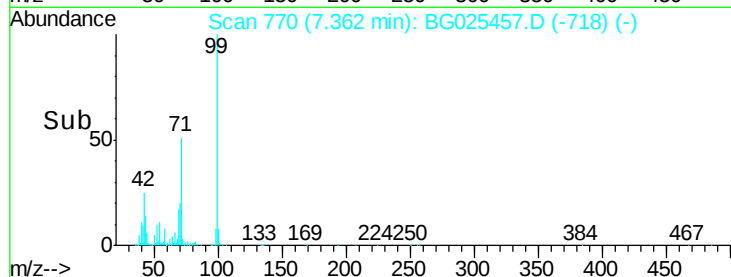
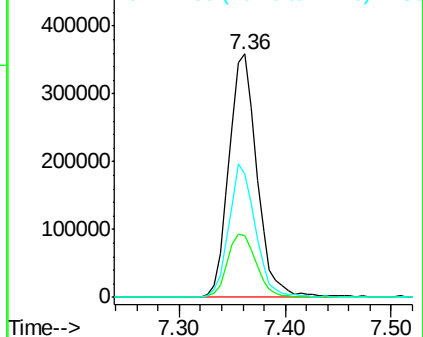
99 100

42 25.3 20.5 30.7

71 50.6 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: 2.29 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.08 min

Lab File: BG025457.D

Acq: 10 Jan 2017 18:24

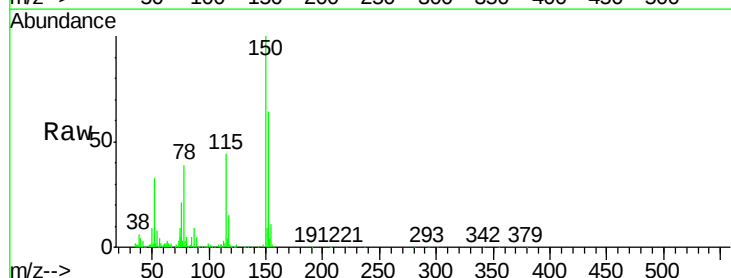
Tgt Ion: 79 Resp: 9886

Ion Ratio Lower Upper

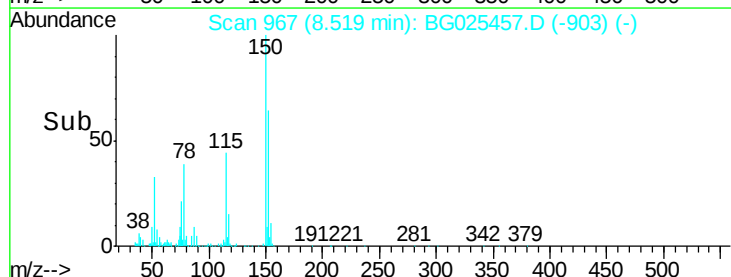
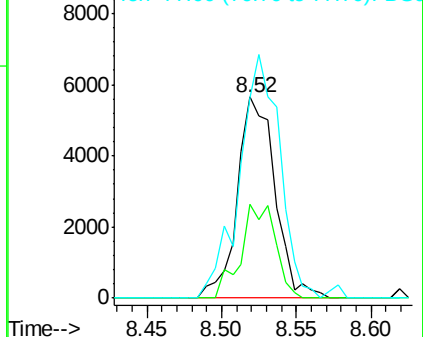
79 100

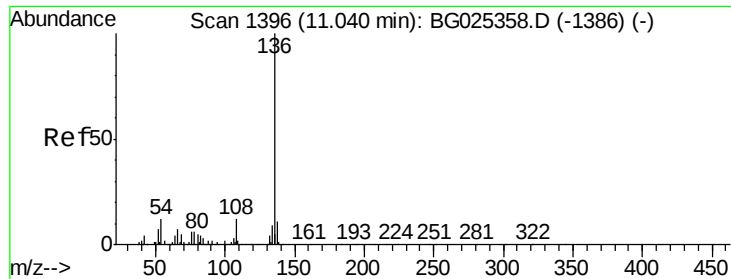
108 46.4 45.5 68.3

77 99.4 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

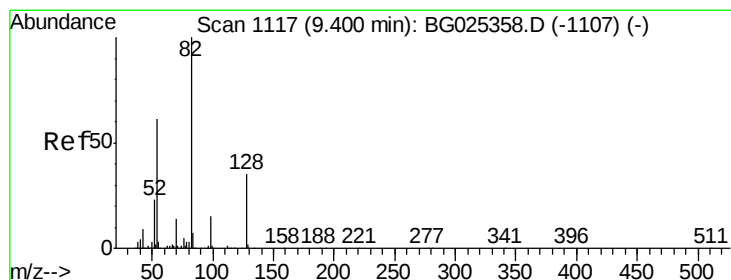
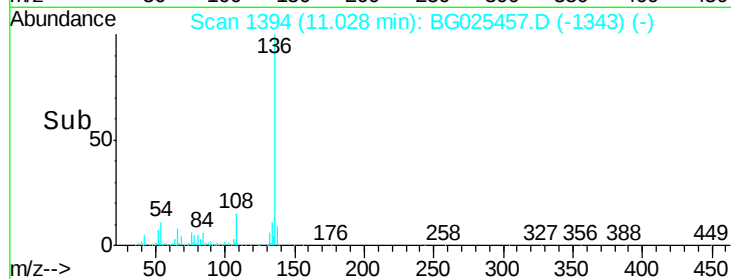
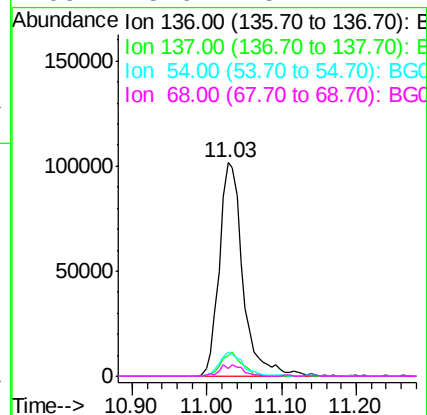
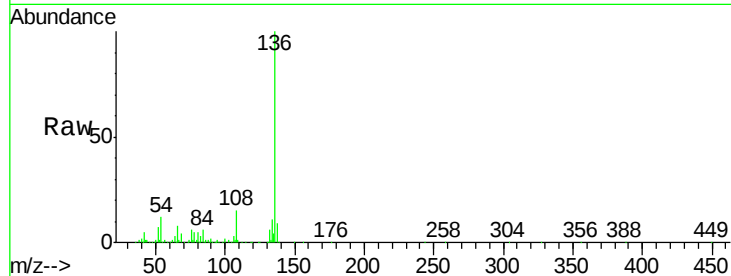




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

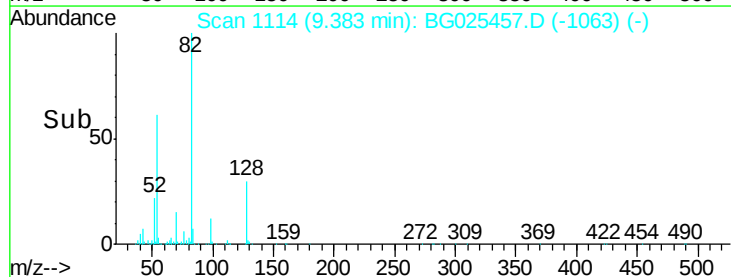
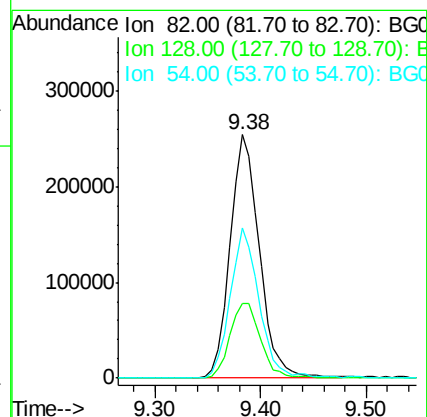
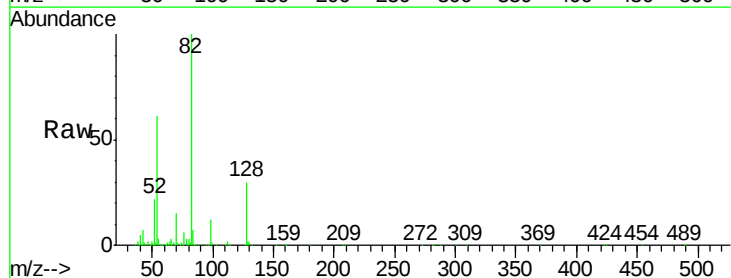
Instrument :
BNA_G
ClientSampleId :
PB95862BL

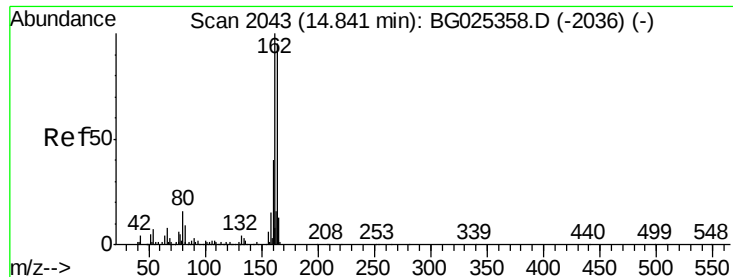
Tgt Ion:	136	Resp:	223487
Ion	Ratio	Lower	Upper
136	100		
137	9.4	8.9	13.3
54	11.6	9.3	13.9
68	3.6	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 96.06 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

Tgt Ion:	82	Resp:	485982
Ion	Ratio	Lower	Upper
82	100		
128	30.5	26.4	39.6
54	61.4	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG025457.D

Acq: 10 Jan 2017 18:24

Instrument :

BNA_G

ClientSampleId :

PB95862BL

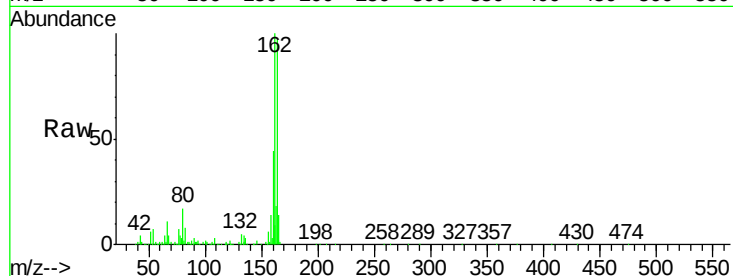
Tgt Ion:164 Resp: 175669

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

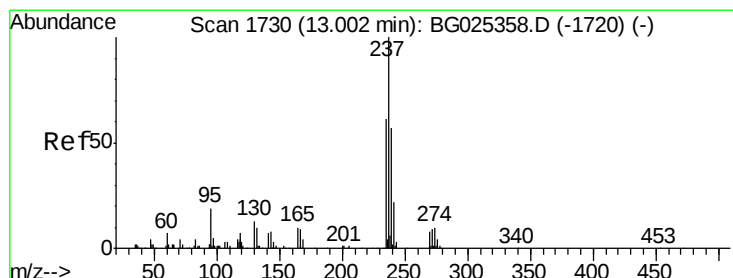
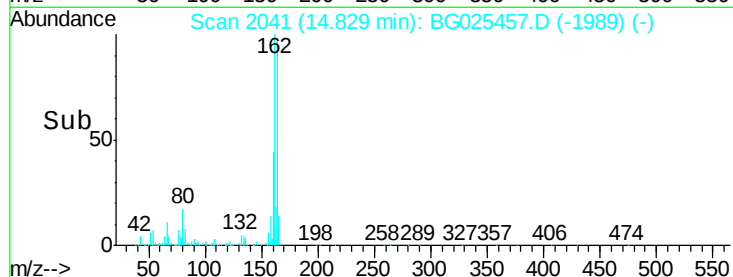
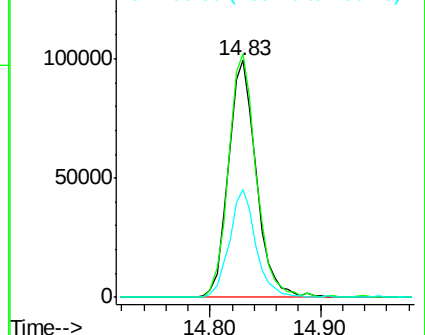
160 45.4 34.7 52.1



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: 12.90 min Scan# 1712

Delta R.T. -0.09 min

Lab File: BG025457.D

Acq: 10 Jan 2017 18:24

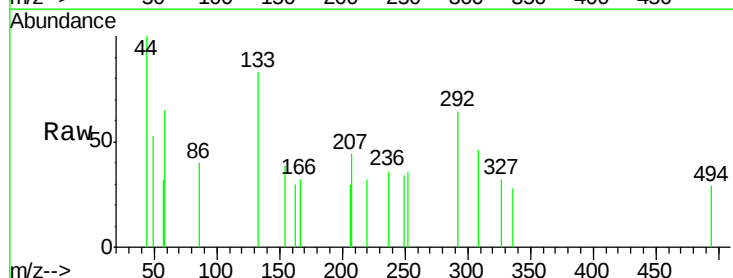
Tgt Ion:237 Resp: 71

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

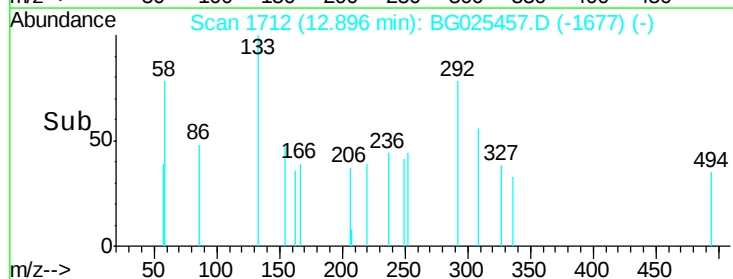
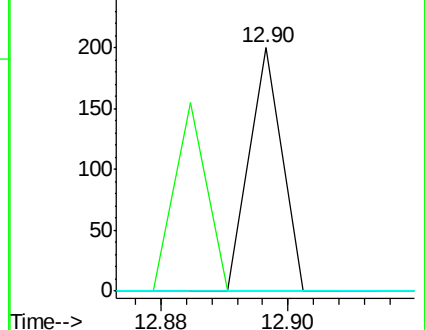
272 0.0 0.0 32.0



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

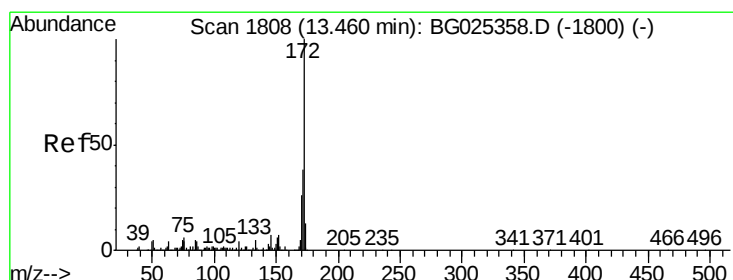
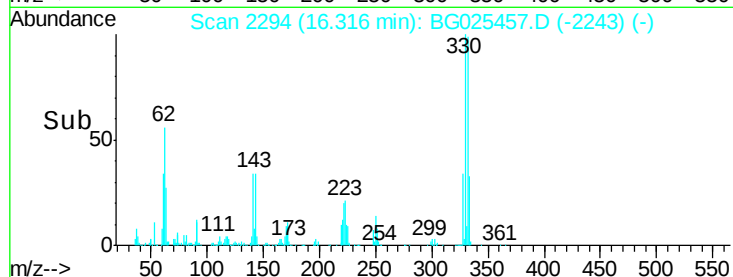
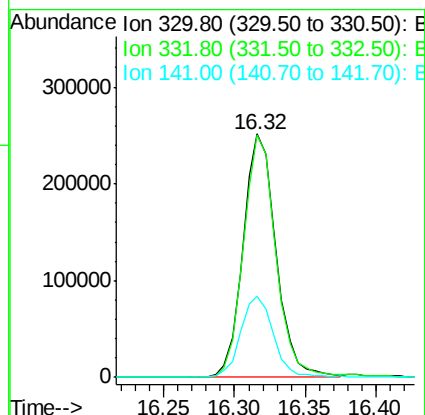
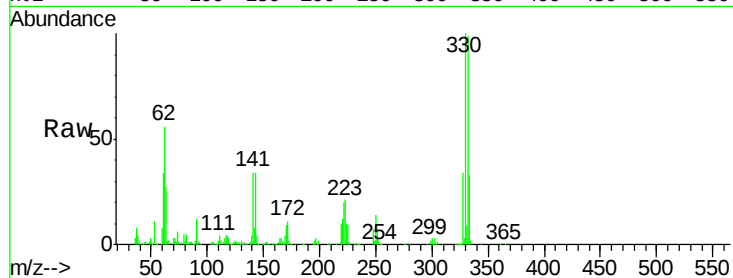




#41
 2,4,6-Tribromophenol
 Concen: 145.11 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025457.D
 Acq: 10 Jan 2017 18:24

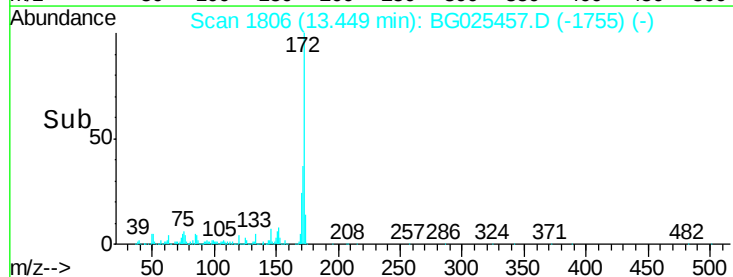
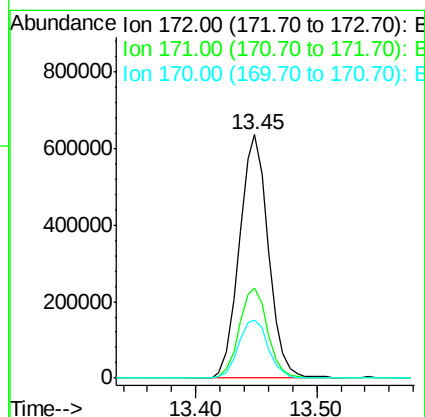
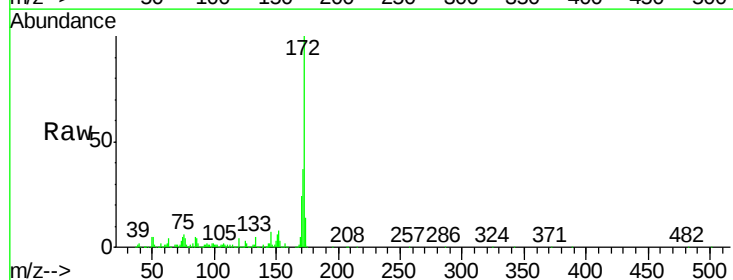
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 BNA_G
 ClientSampleId :
 PB95862BL

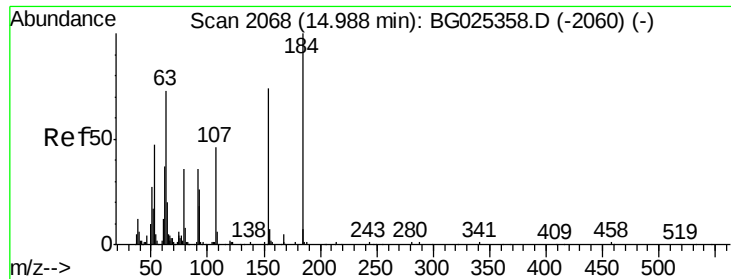
Tgt Ion:330 Resp: 410384
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.3 115.9
 141 33.4 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 98.07 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025457.D
 Acq: 10 Jan 2017 18:24

Tgt Ion:172 Resp: 1064160
 Ion Ratio Lower Upper
 172 100
 171 36.9 32.2 48.2
 170 23.9 21.8 32.6

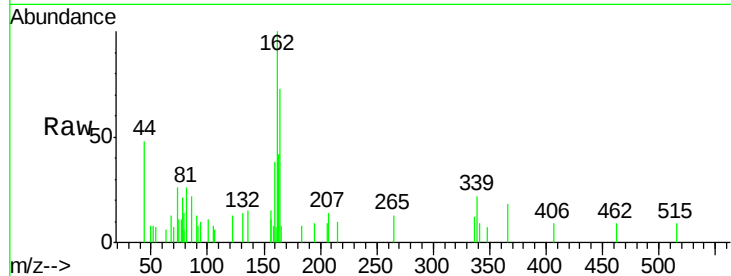




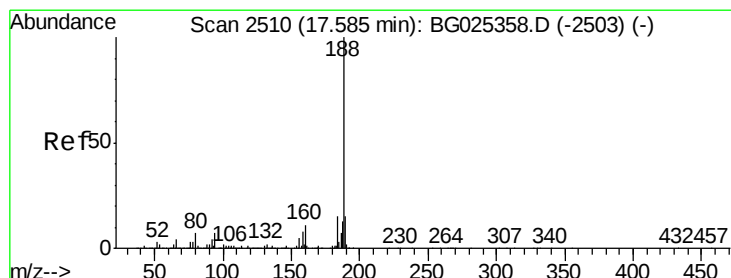
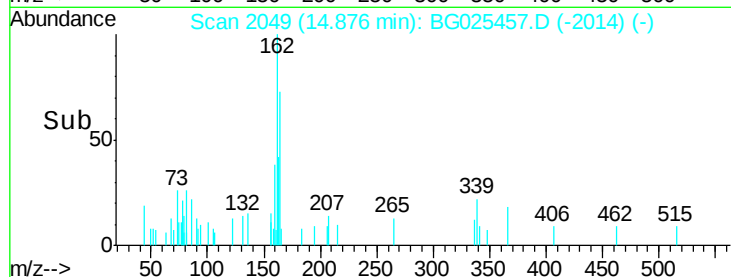
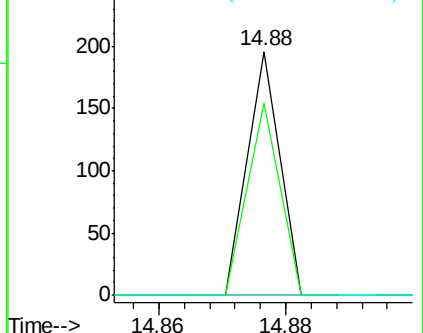
#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.09 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

Instrument :
BNA_G
ClientSampleId :
PB95862BL

Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 79.1 52.7 79.1#
154 0.0 57.3 85.9#

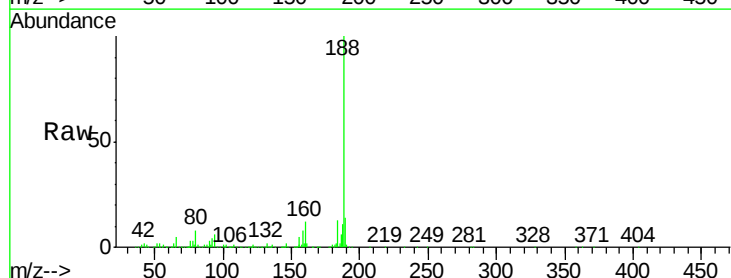


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

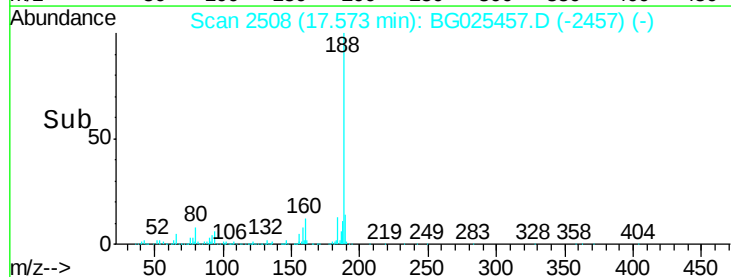
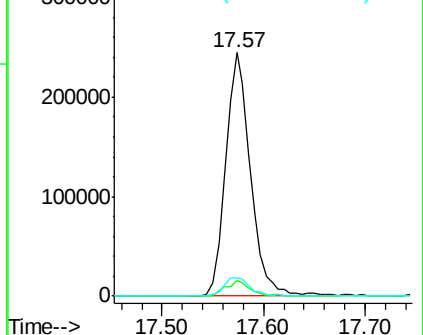


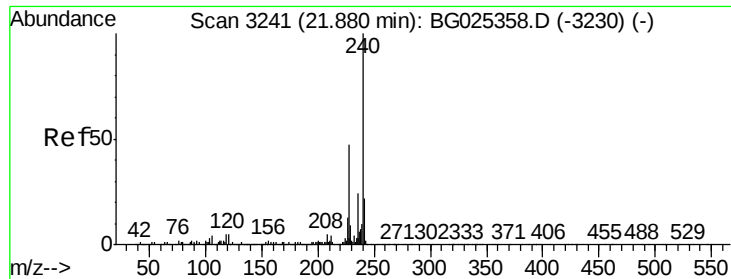
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

Tgt Ion:188 Resp: 414508
Ion Ratio Lower Upper
188 100
94 6.2 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): BG
Ion 80.00 (79.70 to 80.70): BG

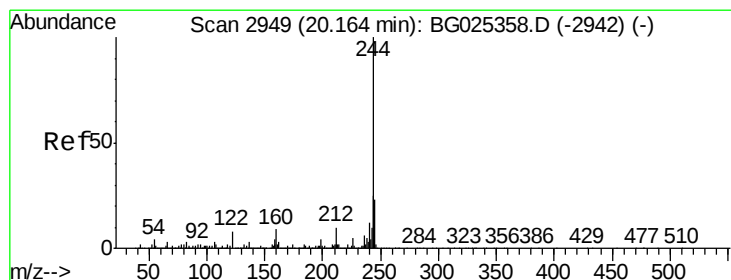
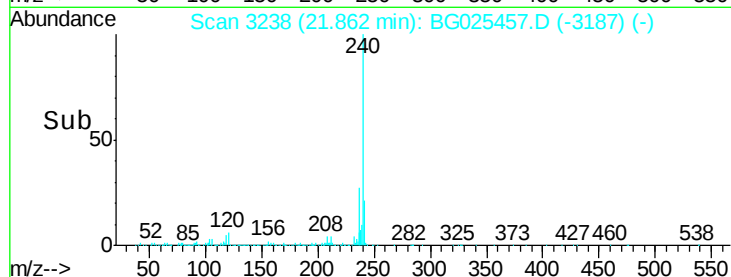
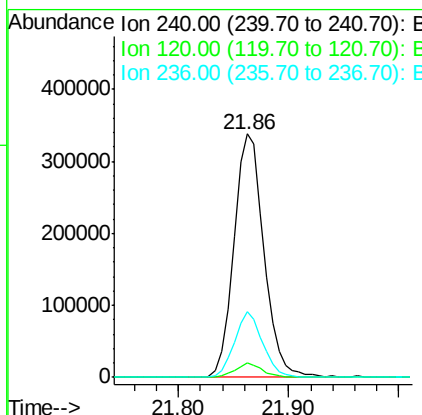
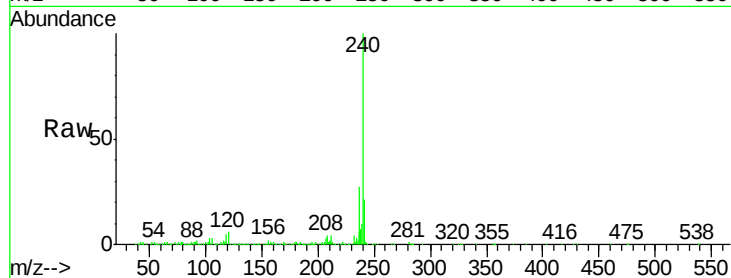




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.00 min
 Lab File: BG025457.D
 Acq: 10 Jan 2017 18:24

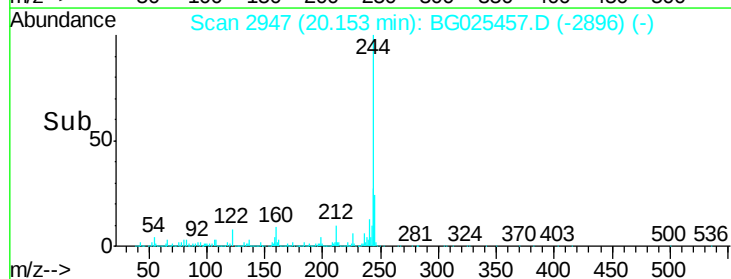
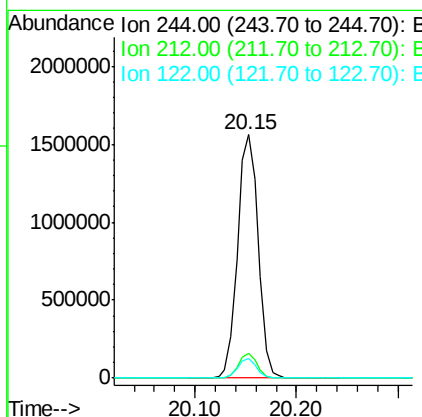
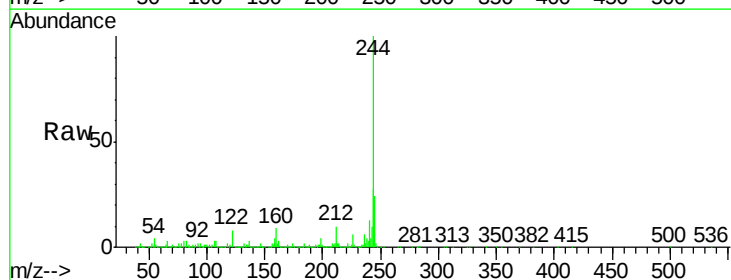
Instrument :
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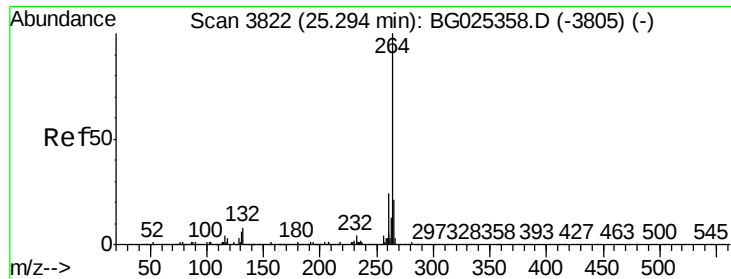
Tgt Ion:240 Resp: 643723
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.7 8.5
 236 27.1 22.2 33.4



#78
 Terphenyl-d14
 Concen: 90.60 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG025457.D
 Acq: 10 Jan 2017 18:24

Tgt Ion:244 Resp: 2199545
 Ion Ratio Lower Upper
 244 100
 212 10.1 10.0 15.0
 122 7.9 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3817
Delta R.T. -0.00 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

Instrument :
BNA_G
ClientSampleId :
PB95862BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	22.9	18.2	27.4

