

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025486.D
 Acq On : 12 Jan 2017 17:34
 Operator : UM/SJ
 Sample : PB95941BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95941BL

Quant Time: Jan 13 00:46:56 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

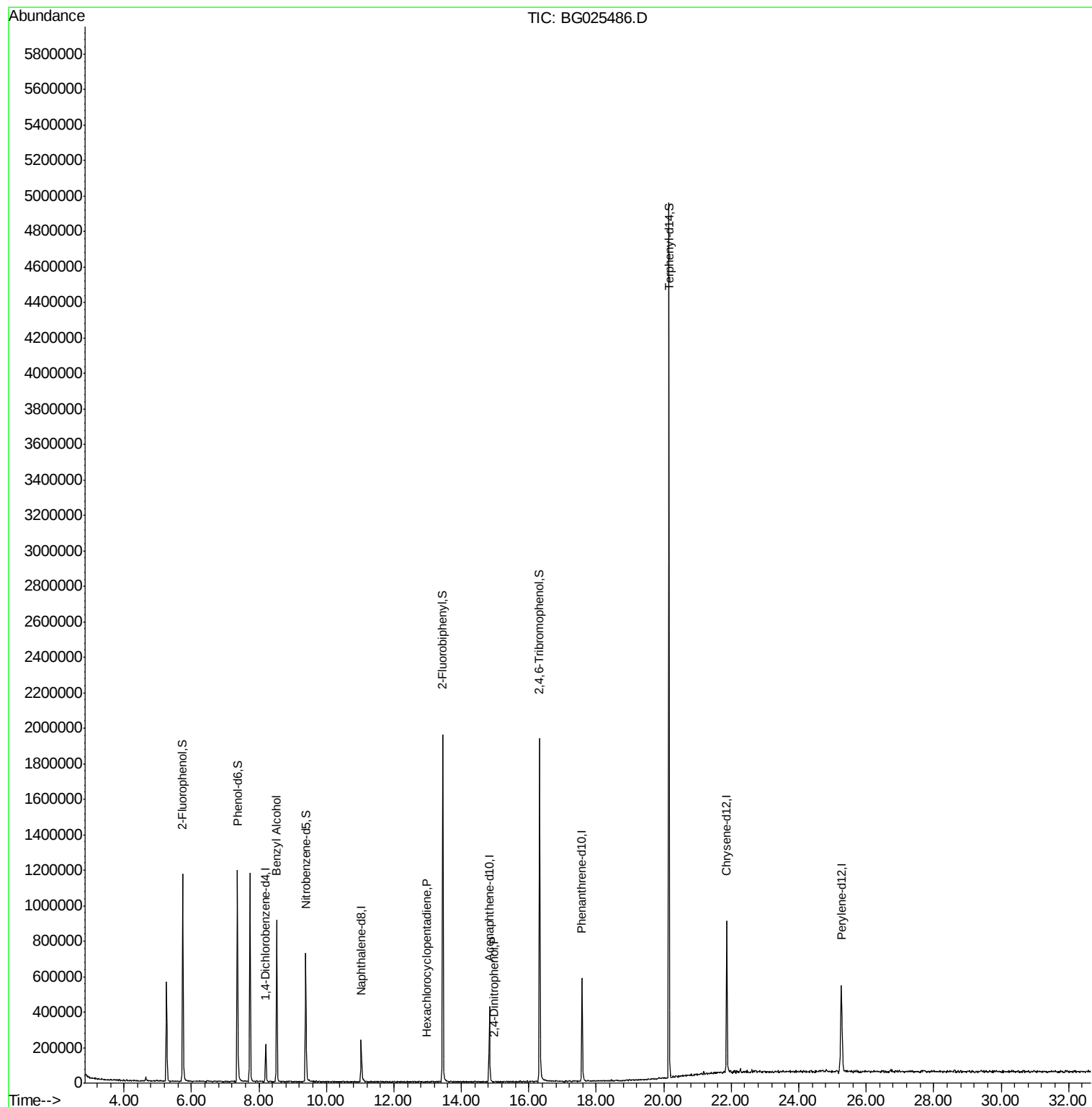
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	53750	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	215304	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	168926	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	401094	20.00	ng	0.00
75) Chrysene-d12	21.86	240	613975	20.00	ng	0.00
86) Perylene-d12	25.26	264	644634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	463296	156.67	ng	0.00
7) Phenol-d6	7.36	99	663058	159.21	ng	0.00
23) Nitrobenzene-d5	9.39	82	473785	97.21	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	408820	150.32	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1043732	100.03	ng	0.00
78) Terphenyl-d14	20.16	244	2124234	91.73	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	8942	2.25	ng	# 70
40) Hexachlorocyclopentadiene	12.98	237	174	8.59	ng	# 29
53) 2,4-Dinitrophenol	14.97	184	59	5.11	ng	# 42

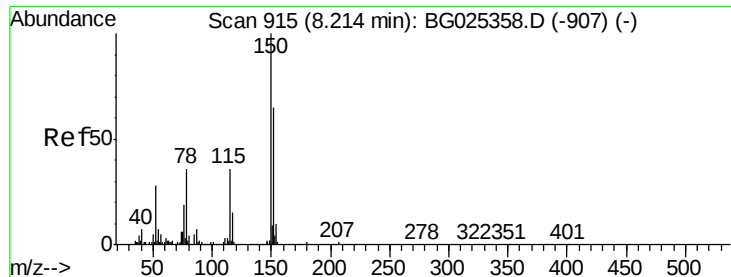
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025486.D

Acq: 12 Jan 2017 17:34

Instrument :

BNA_G

ClientSampleId :

PB95941BL

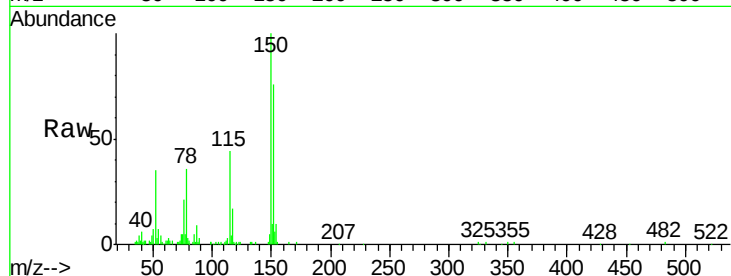
Tgt Ion:152 Resp: 53750

Ion Ratio Lower Upper

152 100

150 131.9 114.0 171.0

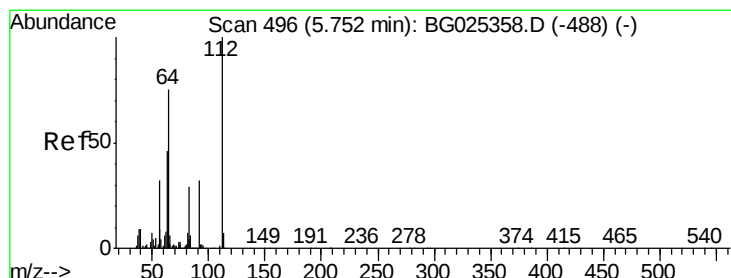
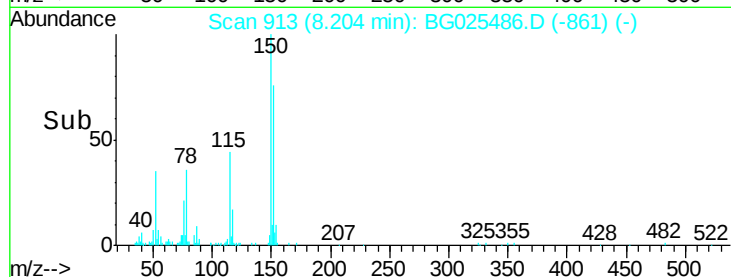
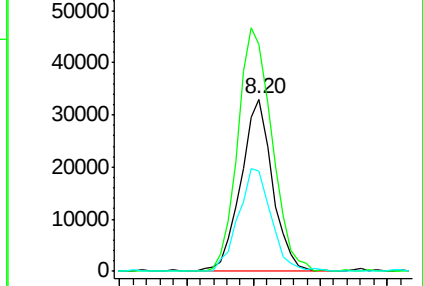
115 58.3 48.1 72.1



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: 156.67 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025486.D

Acq: 12 Jan 2017 17:34

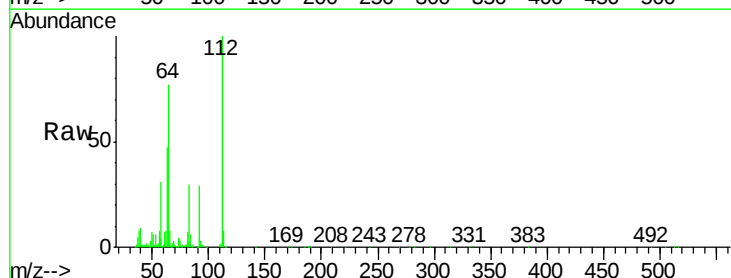
Tgt Ion:112 Resp: 463296

Ion Ratio Lower Upper

112 100

64 76.8 61.8 92.6

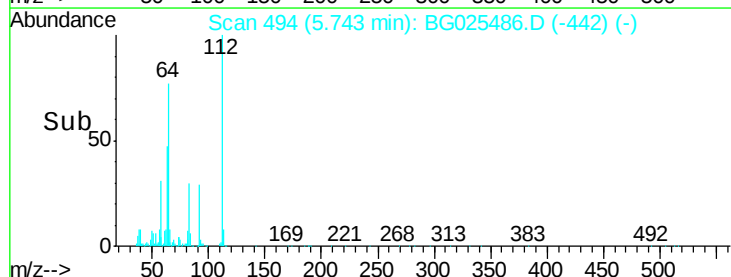
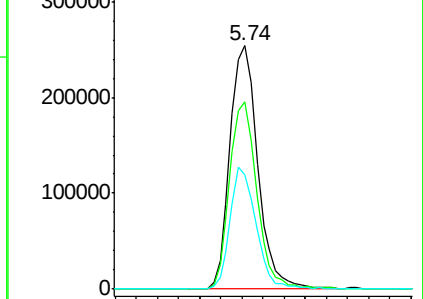
63 47.1 37.2 55.8

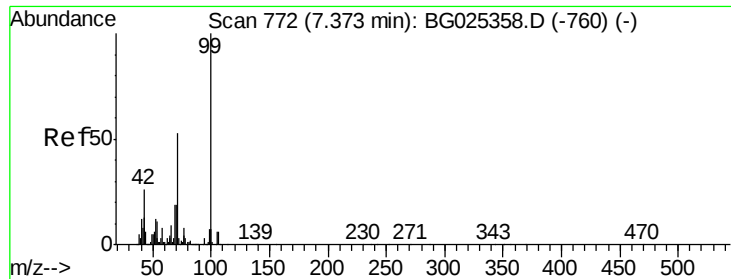


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 159.21 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025486.D

Acq: 12 Jan 2017 17:34

Instrument :

BNA_G

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PB95941BL

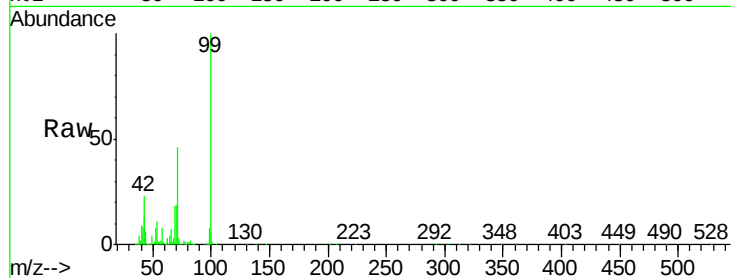
Tgt Ion: 99 Resp: 663058

Ion Ratio Lower Upper

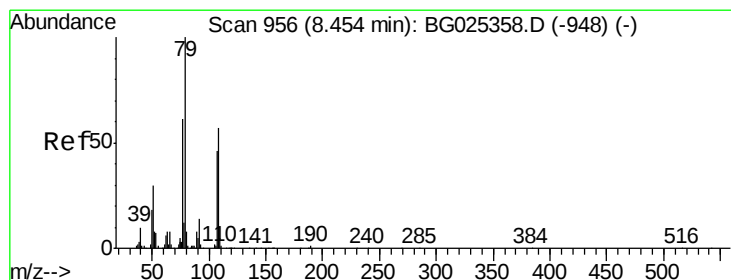
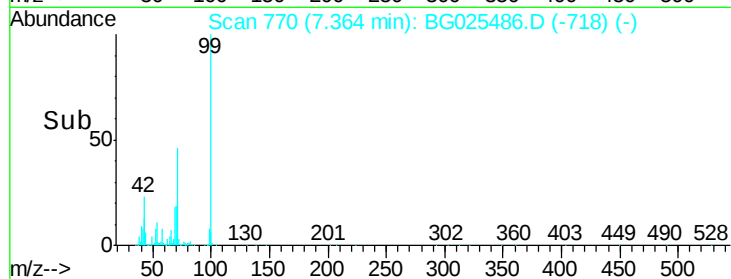
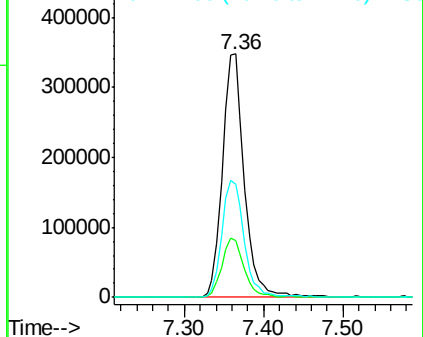
99 100

42 23.4 20.5 30.7

71 46.5 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: 2.25 ng

RT: 8.53 min Scan# 968

Delta R.T. 0.08 min

Lab File: BG025486.D

Acq: 12 Jan 2017 17:34

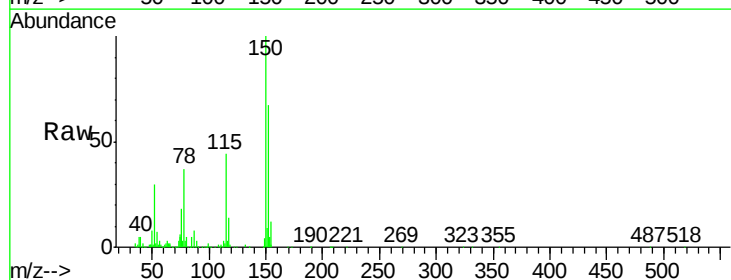
Tgt Ion: 79 Resp: 8942

Ion Ratio Lower Upper

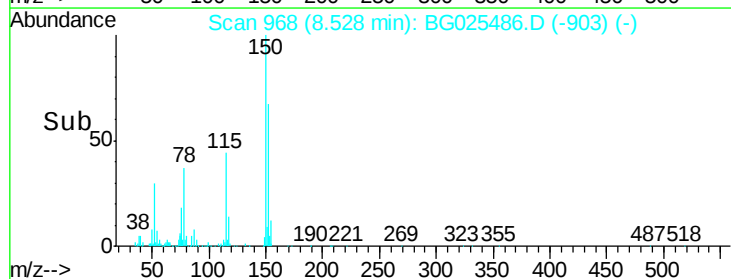
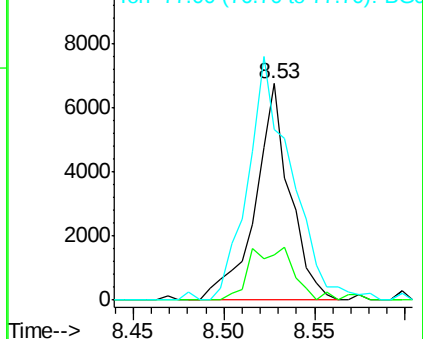
79 100

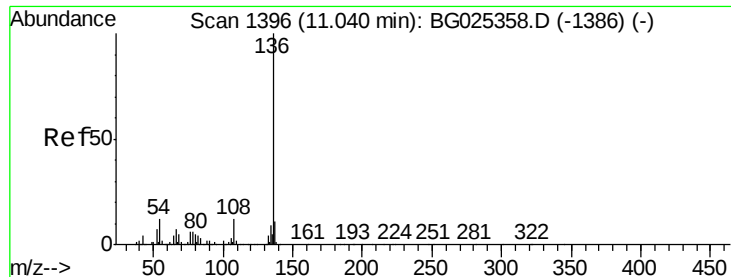
108 20.7 45.5 68.3#

77 79.1 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

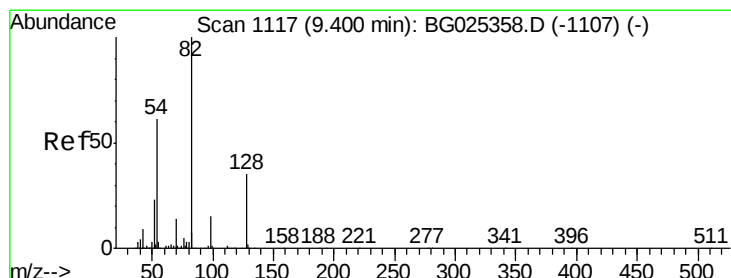
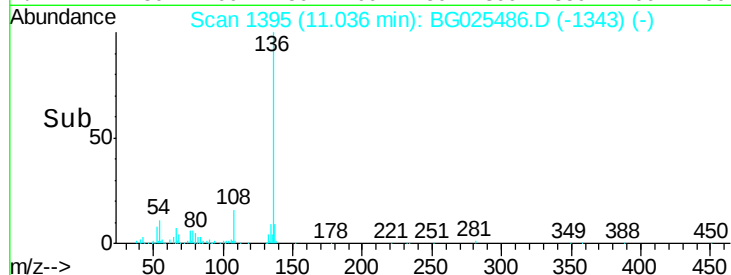
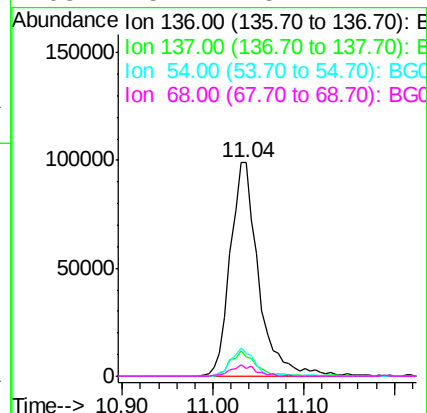
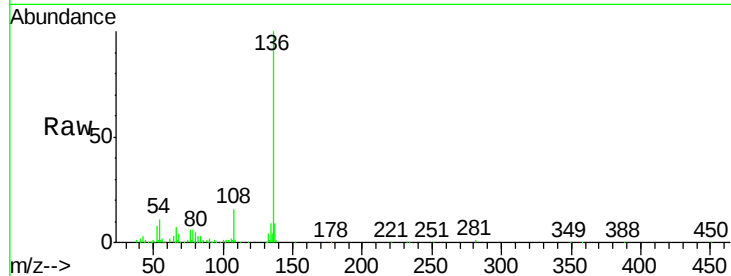




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BG025486.D
Acq: 12 Jan 2017 17:34

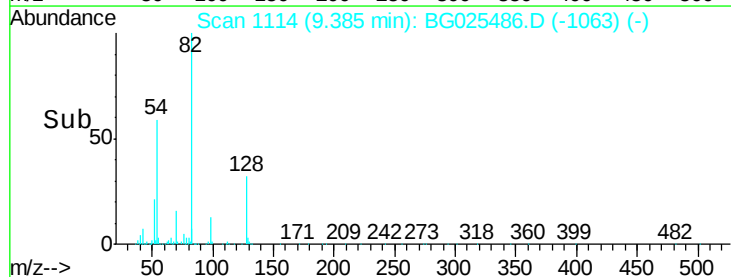
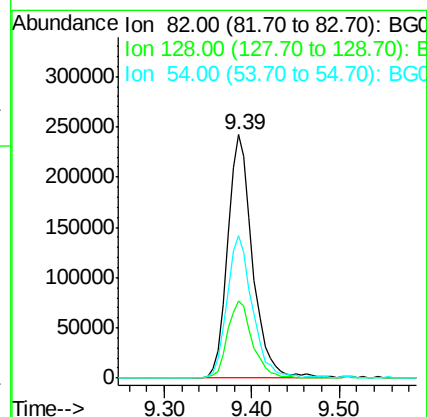
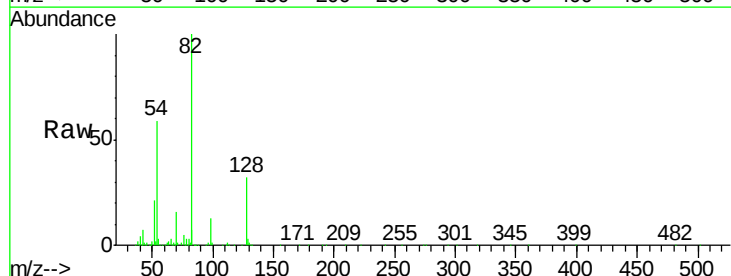
Instrument :
BNA_G
ClientSampleId :
PB95941BL

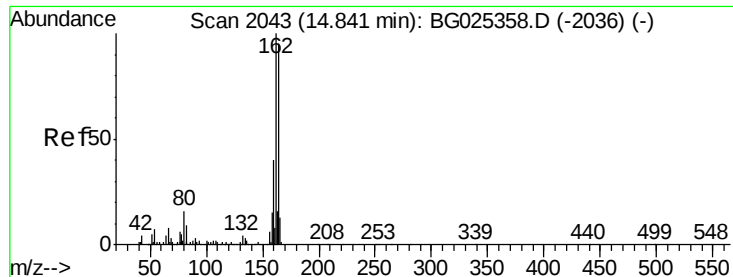
Tgt Ion:	136	Resp:	215304
Ion	Ratio	Lower	Upper
136	100		
137	9.2	8.9	13.3
54	10.8	9.3	13.9
68	3.7	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 97.21 ng
RT: 9.39 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG025486.D
Acq: 12 Jan 2017 17:34

Tgt Ion:	82	Resp:	473785
Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.4	39.6
54	58.7	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: BG025486.D

Acq: 12 Jan 2017 17:34

Instrument :

BNA_G

ClientSampleId :

PB95941BL

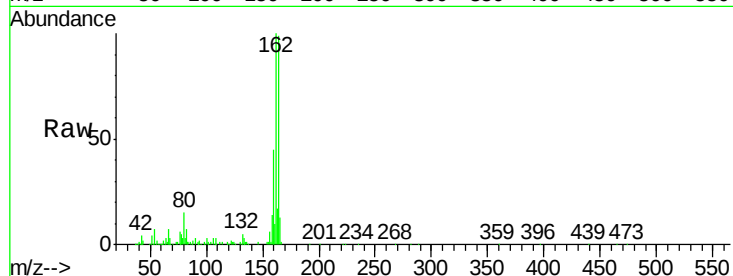
Tgt Ion:164 Resp: 168926

Ion Ratio Lower Upper

164 100

162 100.9 85.1 127.7

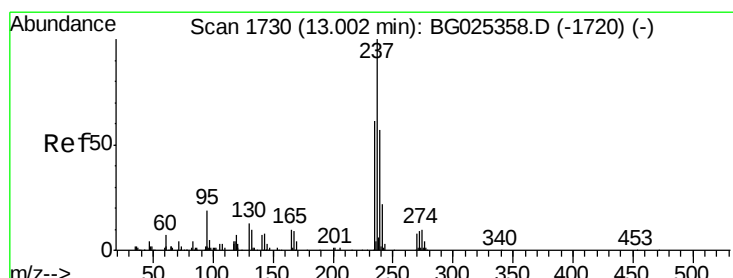
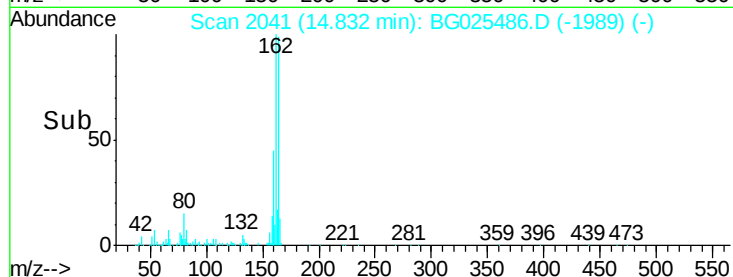
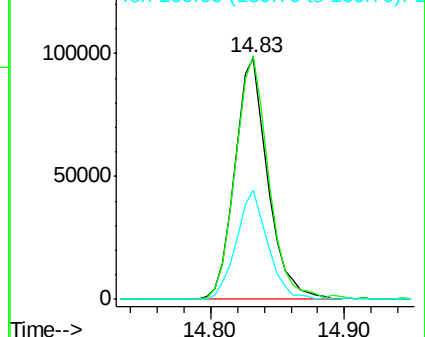
160 45.3 34.7 52.1



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: 8.59 ng

RT: 12.98 min Scan# 1725

Delta R.T. -0.02 min

Lab File: BG025486.D

Acq: 12 Jan 2017 17:34

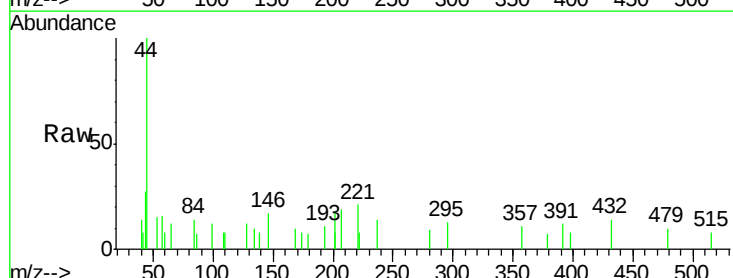
Tgt Ion:237 Resp: 174

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

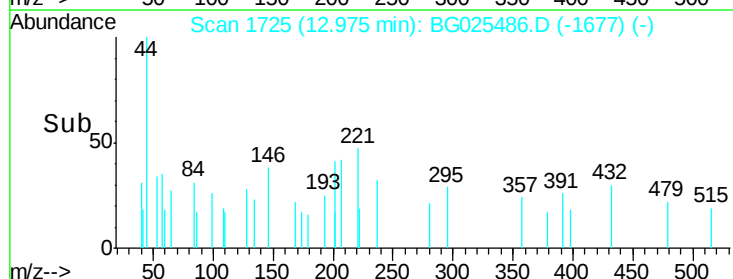
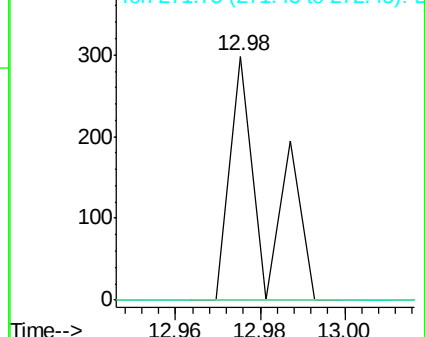
272 0.0 0.0 32.0



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

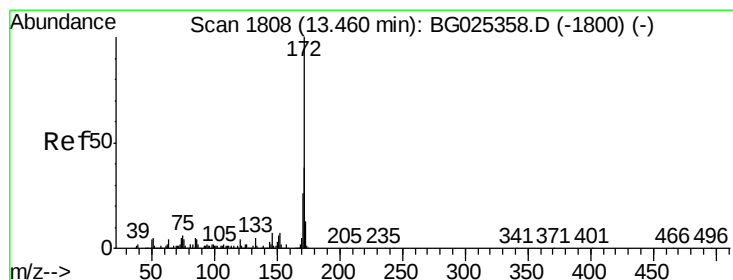
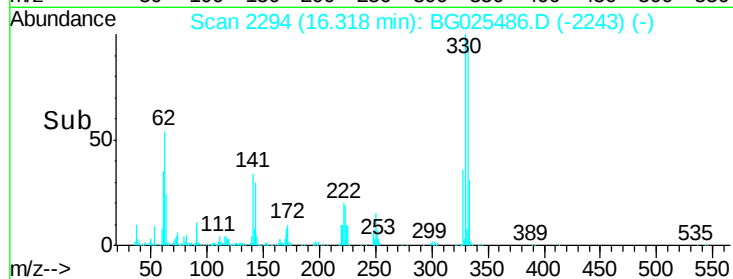
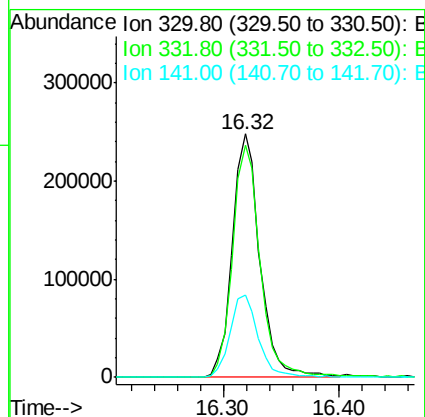
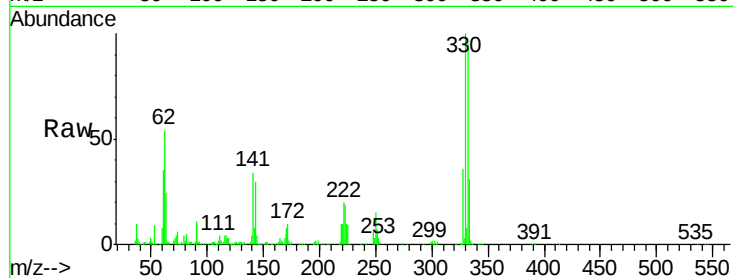




#41
 2,4,6-Tribromophenol
 Concen: 150.32 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG025486.D
 Acq: 12 Jan 2017 17:34

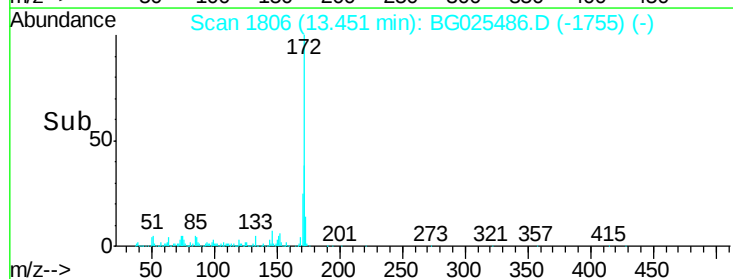
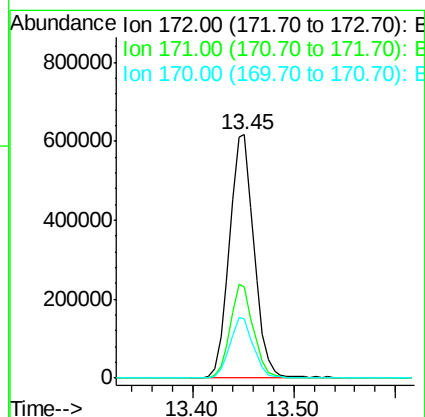
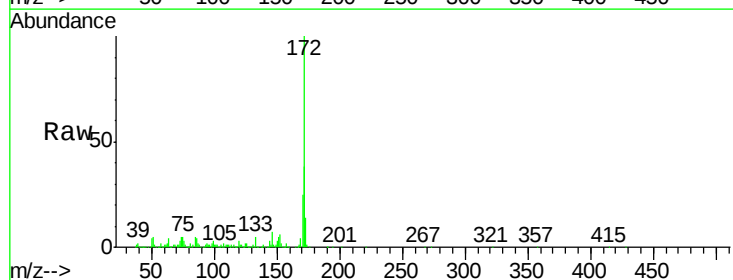
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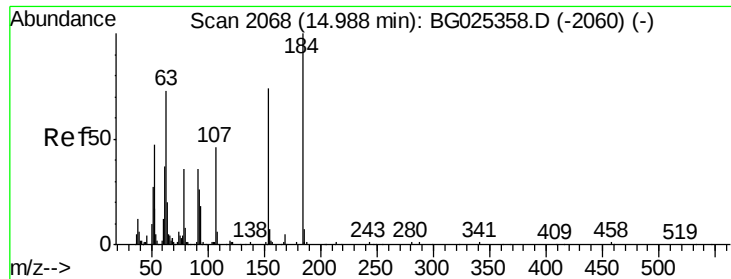
Tgt Ion:330 Resp: 408820
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 34.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 100.03 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG025486.D
 Acq: 12 Jan 2017 17:34

Tgt Ion:172 Resp: 1043732
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 24.5 21.8 32.6

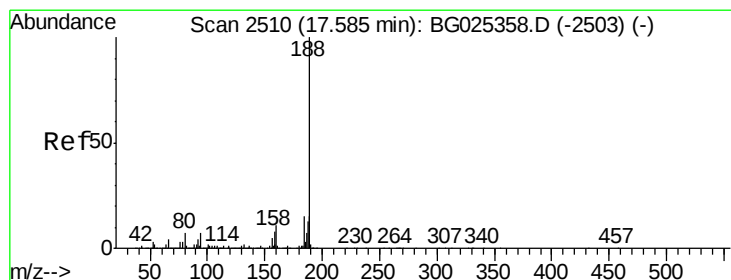
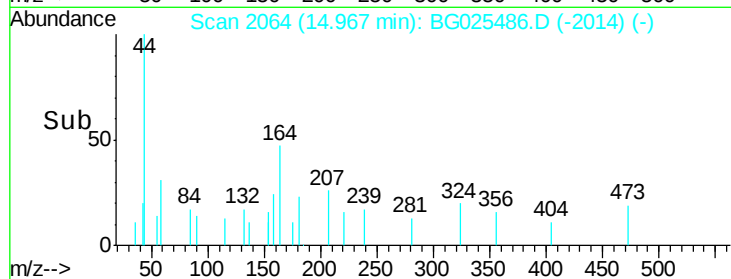
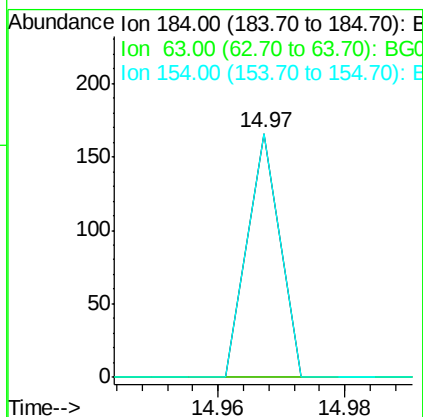
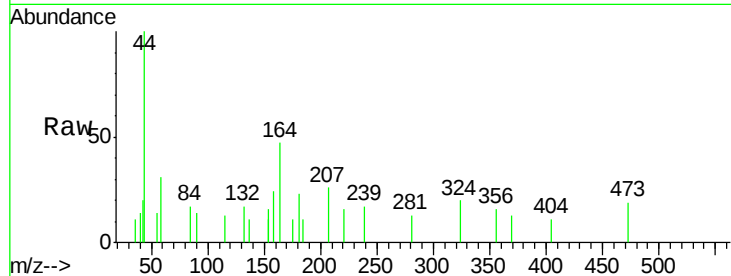




#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 14.97 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG025486.D
Acq: 12 Jan 2017 17:34

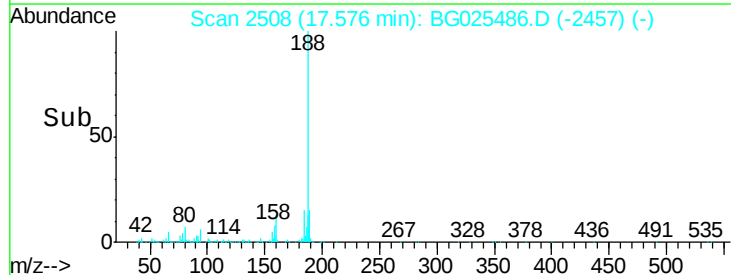
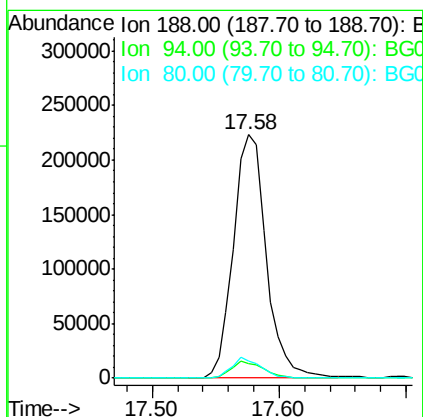
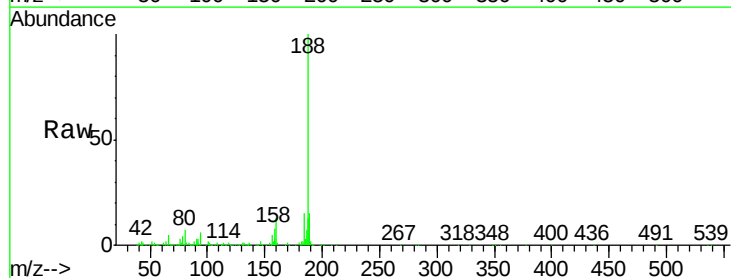
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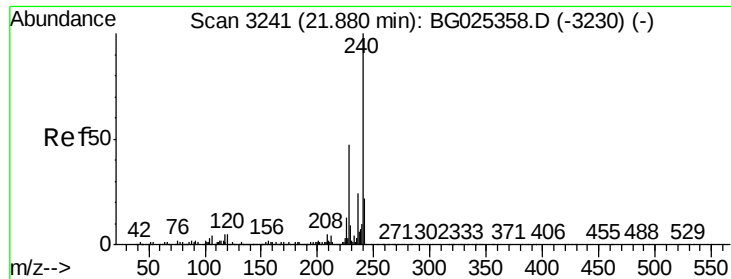
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 100.0 57.3 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025486.D
Acq: 12 Jan 2017 17:34

Tgt Ion:188 Resp: 401094
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 7.0 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG025486.D

Acq: 12 Jan 2017 17:34

Instrument :

BNA_G

ClientSampleId :

PB95941BL

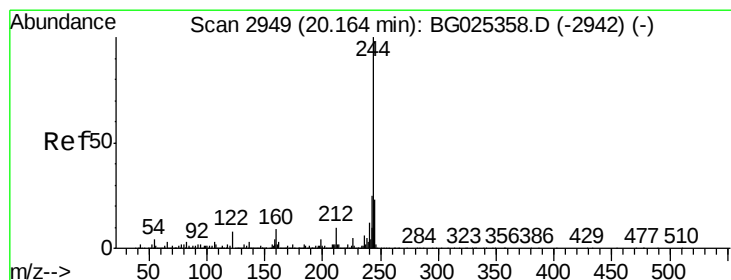
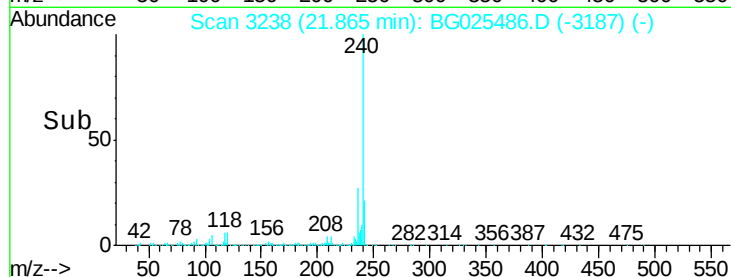
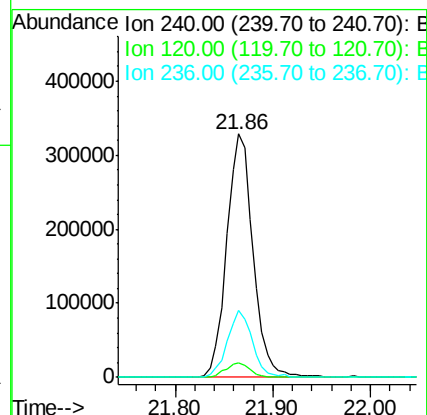
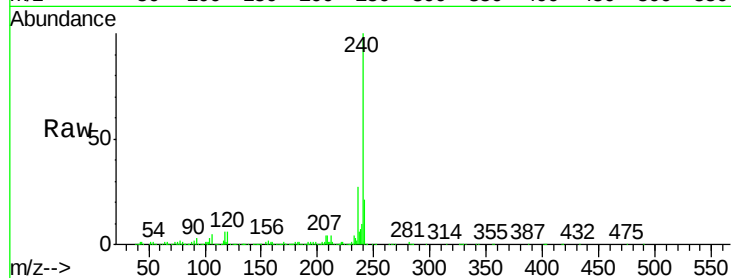
Tgt Ion:240 Resp: 613975

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

236 27.5 22.2 33.4



#78

Terphenyl-d14

Concen: 91.73 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025486.D

Acq: 12 Jan 2017 17:34

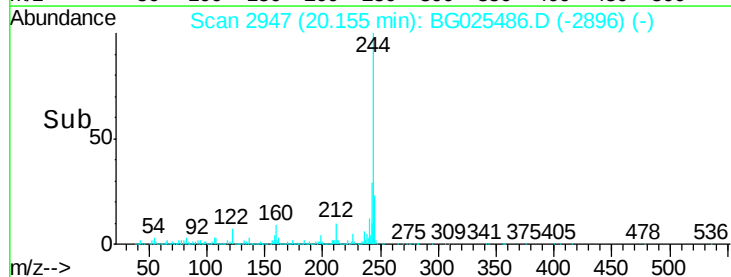
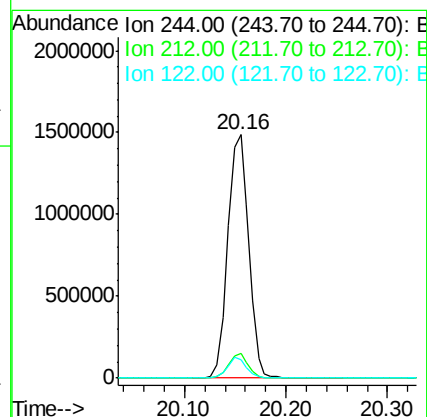
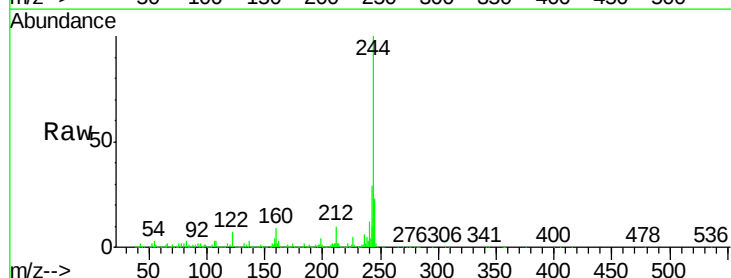
Tgt Ion:244 Resp: 2124234

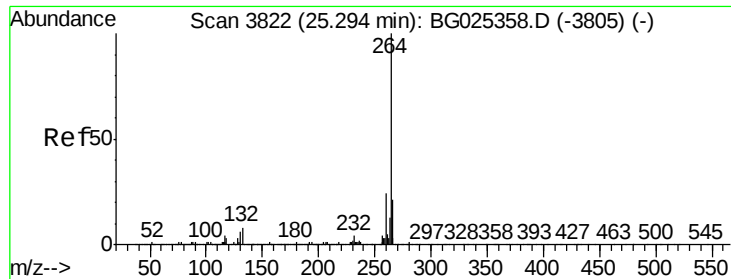
Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0

122 7.4 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.00 min
Lab File: BG025486.D
Acq: 12 Jan 2017 17:34

Instrument :
BNA_G
ClientSampleId :
PB95941BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	19.8	18.2	27.4

