

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122916\
 Data File : BG025407.D
 Acq On : 29 Dec 2016 16:52
 Operator : UM/SJ
 Sample : PB95674TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95674TB

Quant Time: Dec 30 00:01:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

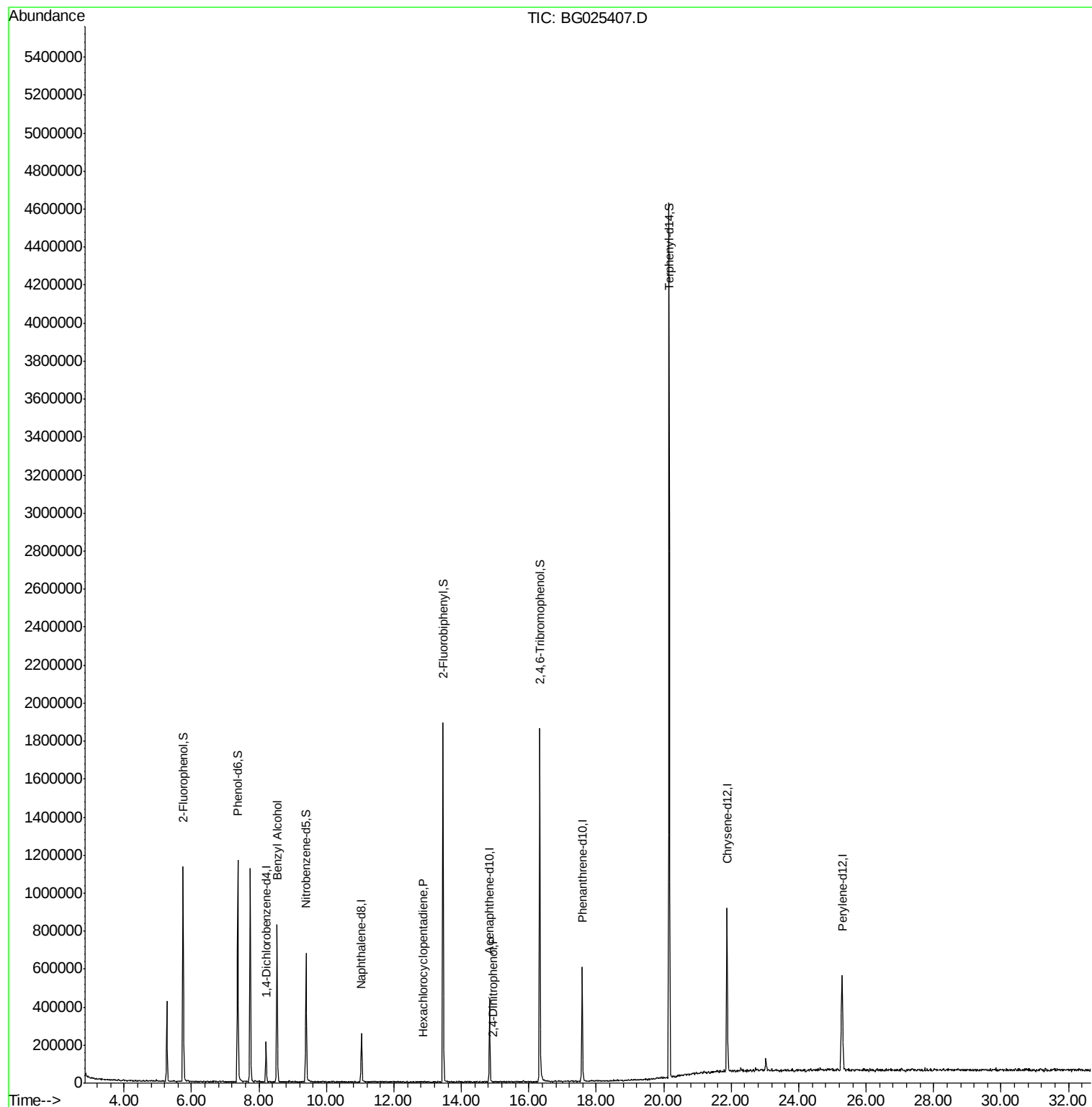
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	52762	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	212807	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	176575	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	407010	20.00	ng	0.00
75) Chrysene-d12	21.87	240	607553	20.00	ng	0.00
86) Perylene-d12	25.28	264	644961	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	438902	151.20	ng	0.00
7) Phenol-d6	7.37	99	595798	145.74	ng	0.00
23) Nitrobenzene-d5	9.39	82	434646	90.23	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	388863	136.79	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	977575	89.63	ng	0.00
78) Terphenyl-d14	20.16	244	1982896	86.54	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.54	79	8158	2.09	ng	# 66
40) Hexachlorocyclopentadiene	12.85	237	61	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.96	184	125	5.14	ng	# 15

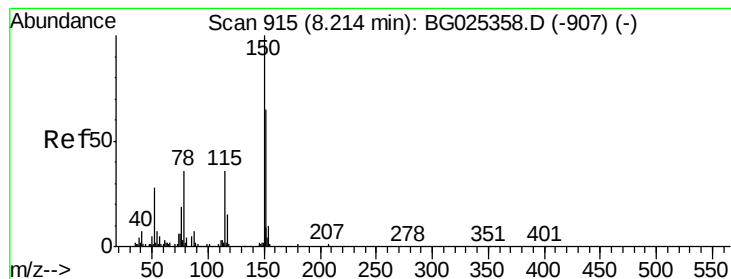
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

Instrument :

BNA_G

ClientSampleId :

PB95674TB

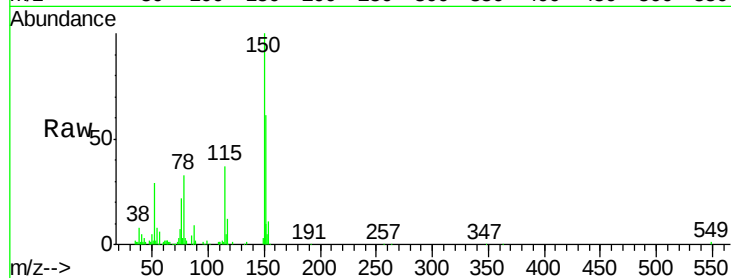
Tgt Ion:152 Resp: 52762

Ion Ratio Lower Upper

152 100

150 163.3 114.0 171.0

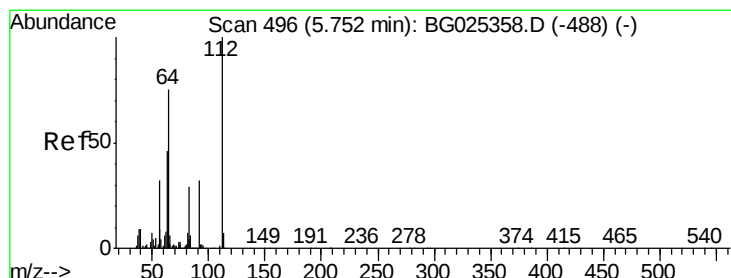
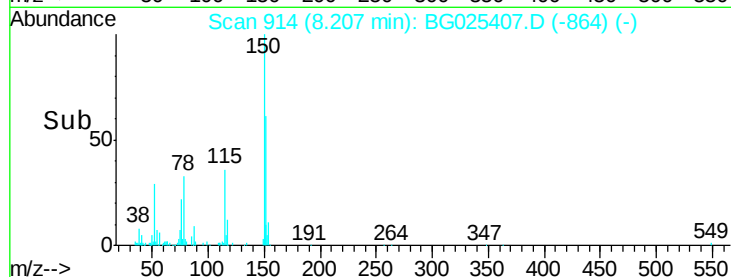
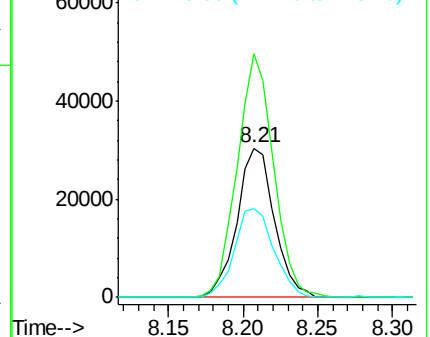
115 59.7 48.1 72.1



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: 151.20 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

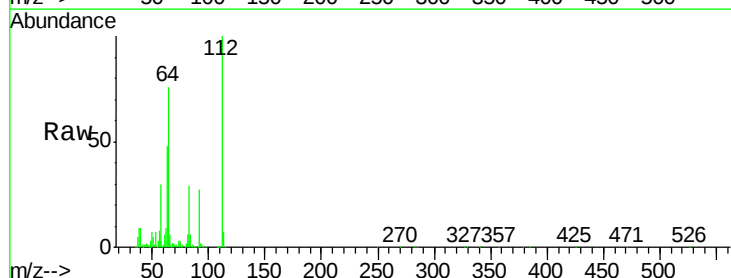
Tgt Ion:112 Resp: 438902

Ion Ratio Lower Upper

112 100

64 75.7 61.8 92.6

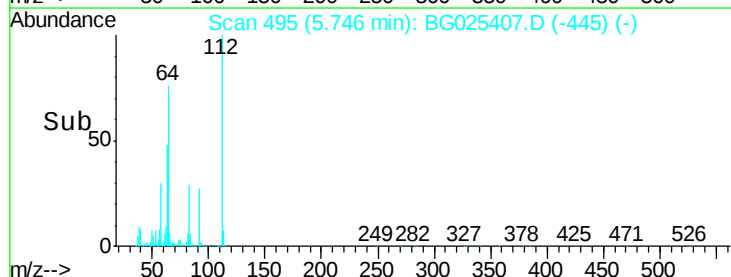
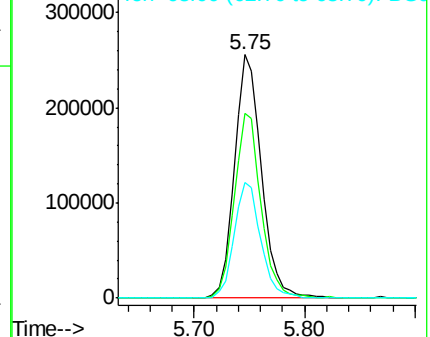
63 47.7 37.2 55.8

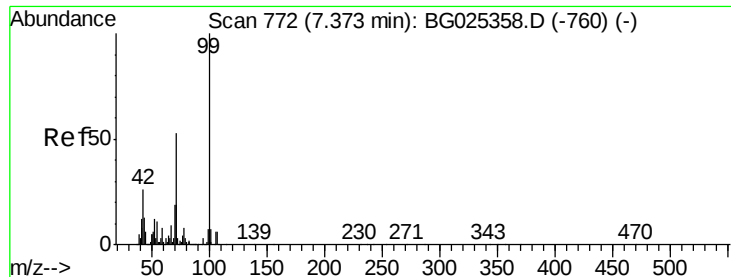


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.74 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

Instrument :

BNA_G

ClientSampleId :

PB95674TB

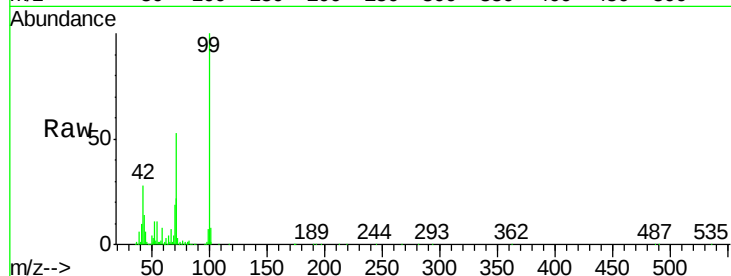
Tgt Ion: 99 Resp: 595798

Ion Ratio Lower Upper

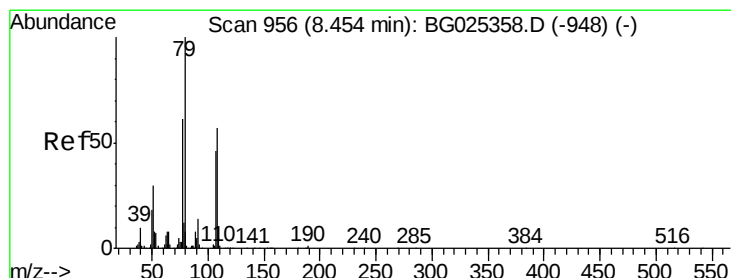
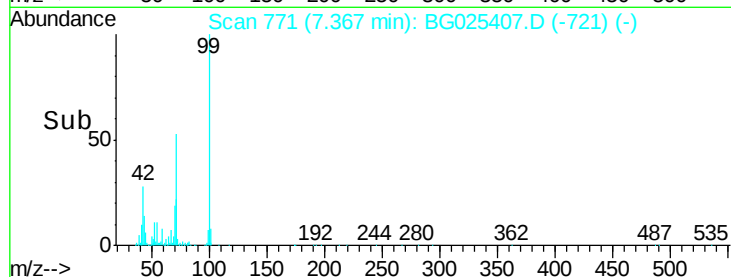
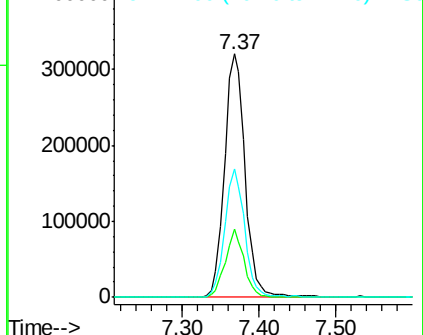
99 100

42 27.9 20.5 30.7

71 52.7 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: 2.09 ng

RT: 8.54 min Scan# 970

Delta R.T. 0.08 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

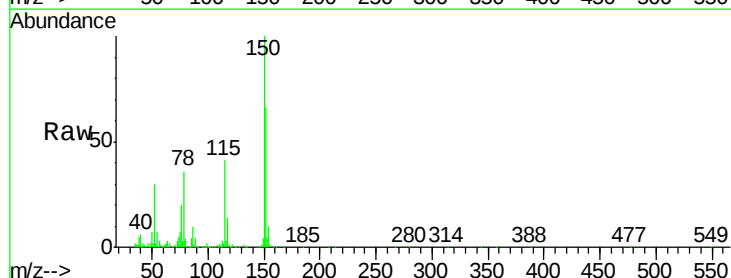
Tgt Ion: 79 Resp: 8158

Ion Ratio Lower Upper

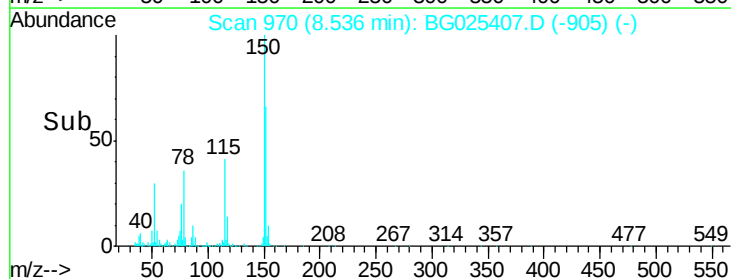
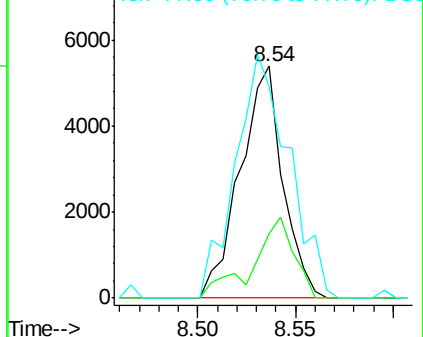
79 100

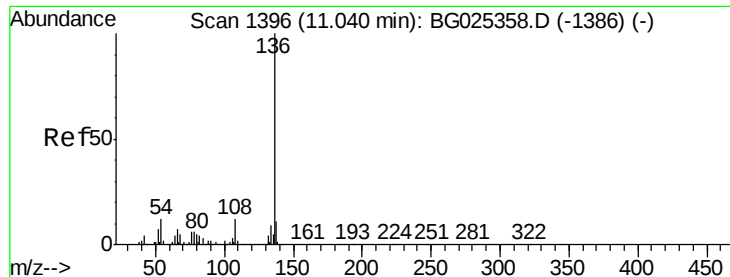
108 27.6 45.5 68.3#

77 91.1 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

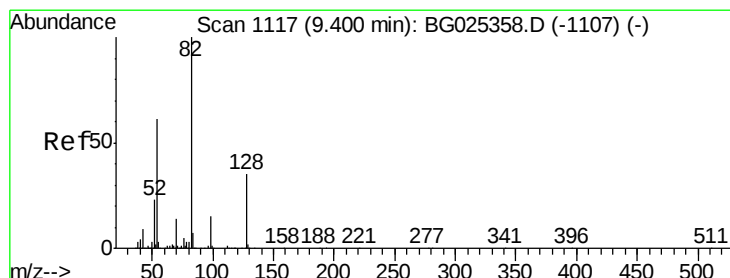
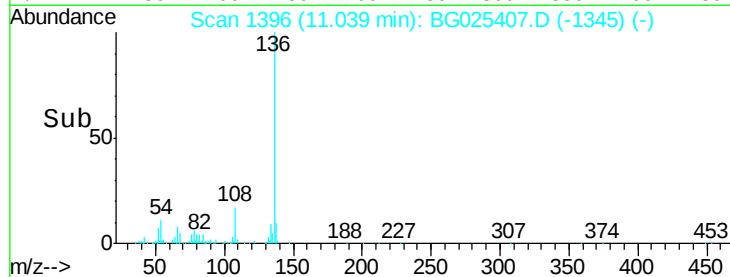
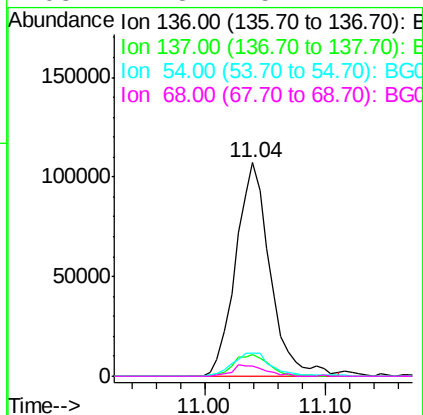
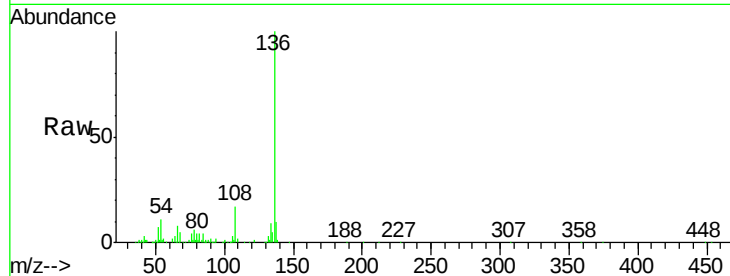




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025407.D
Acq: 29 Dec 2016 16:52

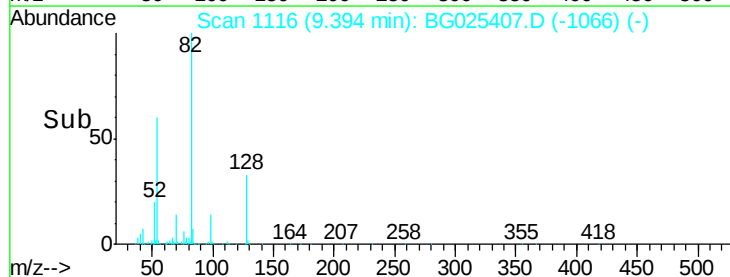
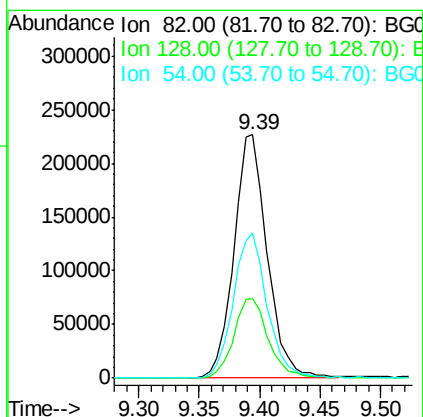
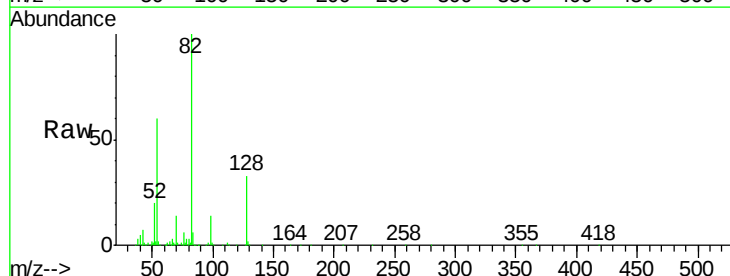
Instrument :
BNA_G
ClientSampleId :
PB95674TB

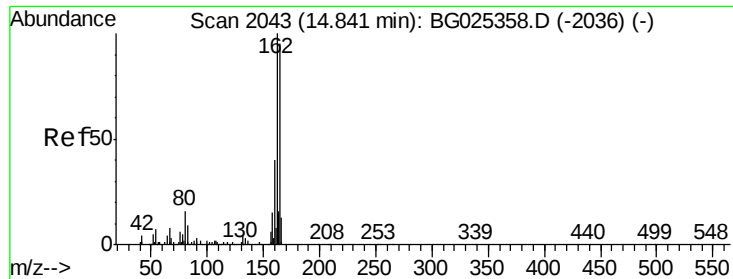
Tgt Ion:	136	Resp:	212807
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.0	9.3	13.9
68	4.8	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 90.23 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025407.D
Acq: 29 Dec 2016 16:52

Tgt Ion:	82	Resp:	434646
Ion	Ratio	Lower	Upper
82	100		
128	32.8	26.4	39.6
54	59.6	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

Instrument :

BNA_G

ClientSampleId :

PB95674TB

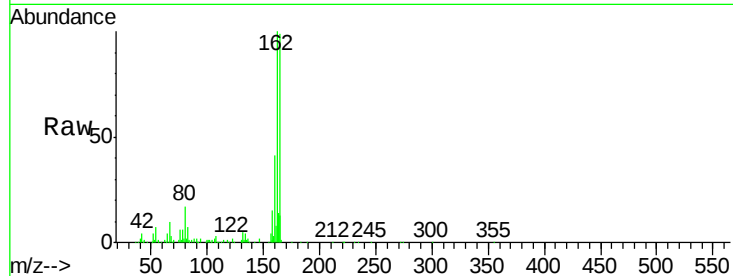
Tgt Ion:164 Resp: 176575

Ion Ratio Lower Upper

164 100

162 100.9 85.1 127.7

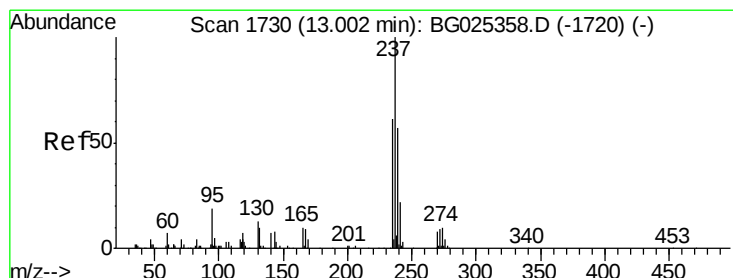
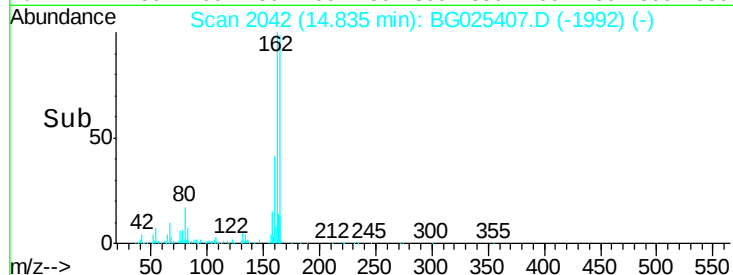
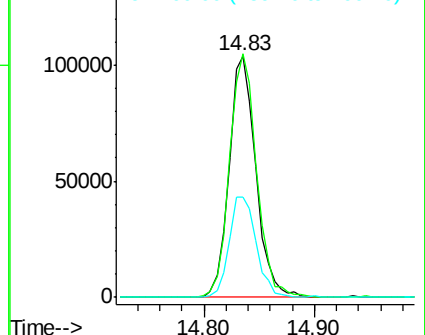
160 41.4 34.7 52.1



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: 12.85 min Scan# 1705

Delta R.T. -0.15 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

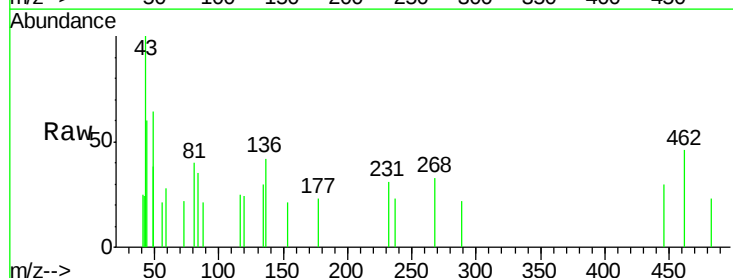
Tgt Ion:237 Resp: 61

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

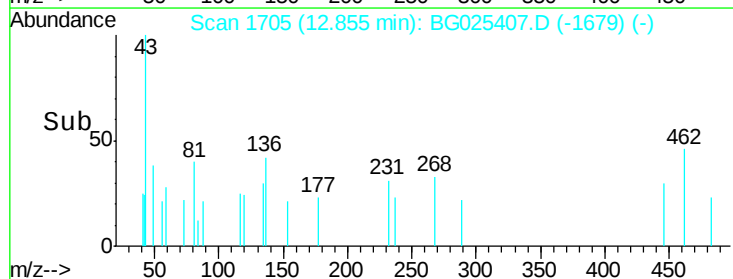
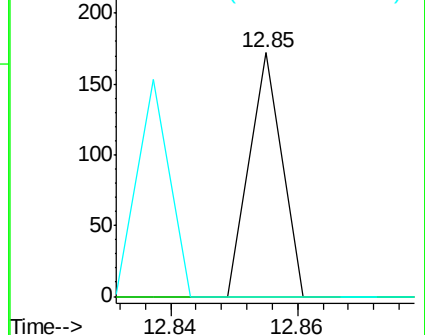
272 0.0 0.0 32.0

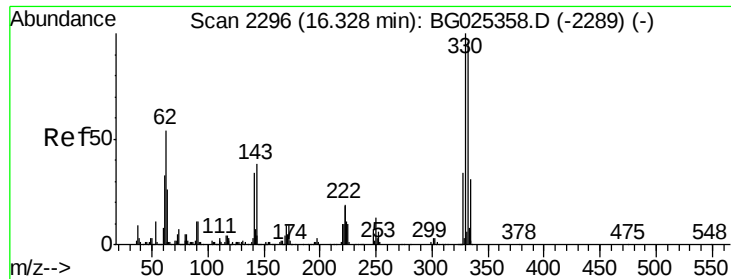


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

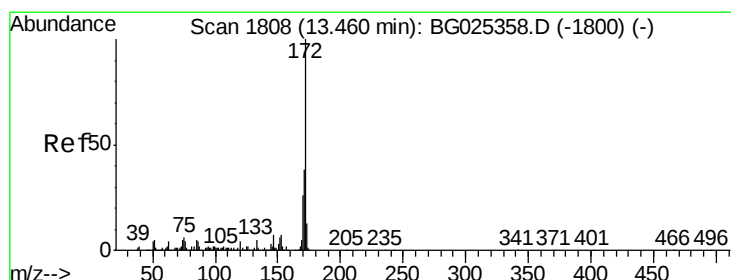
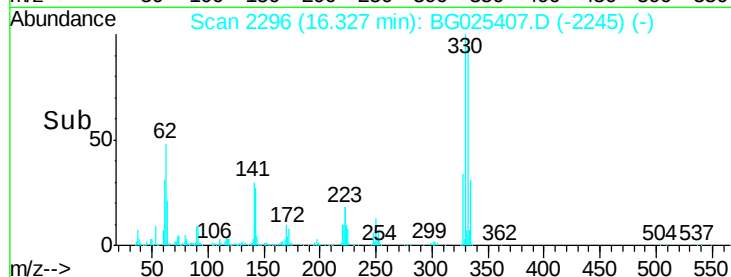
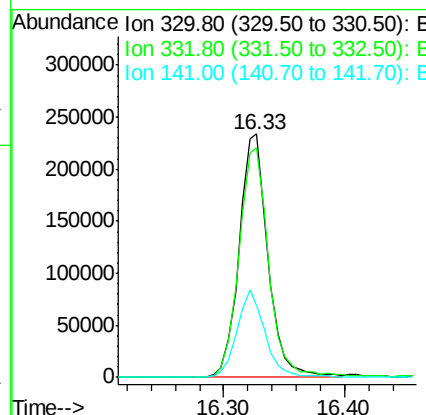
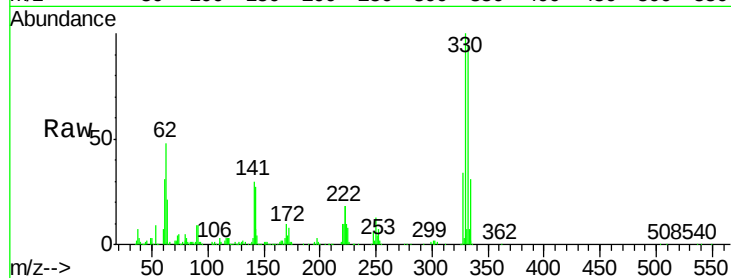




#41
2,4,6-Tribromophenol
Concen: 136.79 ng
RT: 16.33 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG025407.D
Acq: 29 Dec 2016 16:52

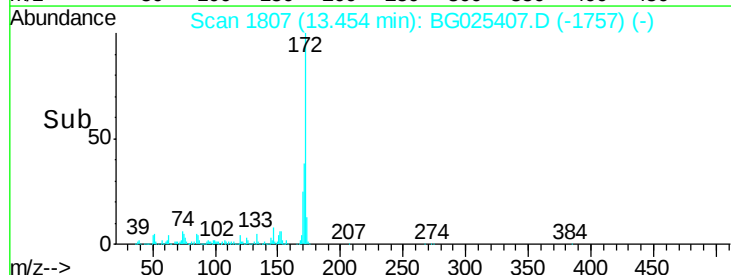
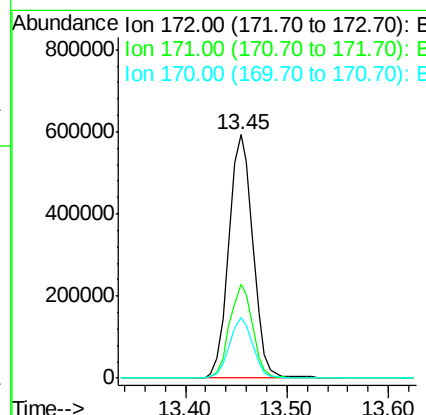
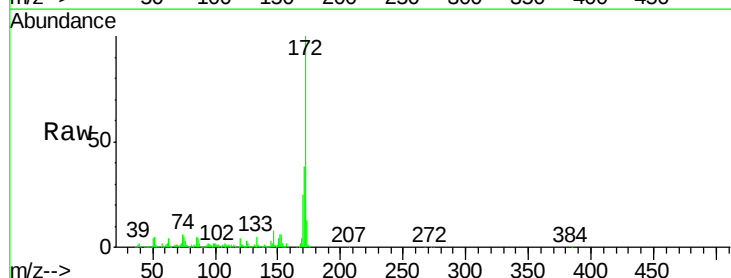
Instrument :
BNA_G
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PB95674TB

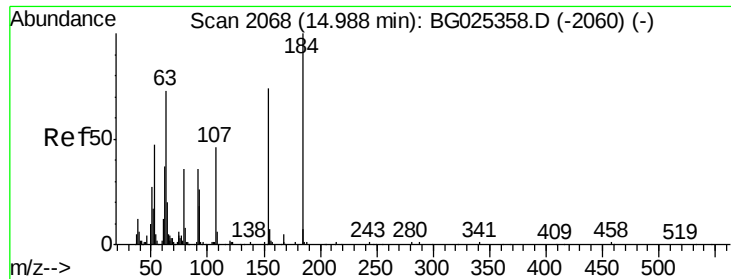
Tgt Ion:330 Resp: 388863
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 34.7 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 89.63 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BG025407.D
Acq: 29 Dec 2016 16:52

Tgt Ion:172 Resp: 977575
Ion Ratio Lower Upper
172 100
171 38.3 32.2 48.2
170 25.1 21.8 32.6

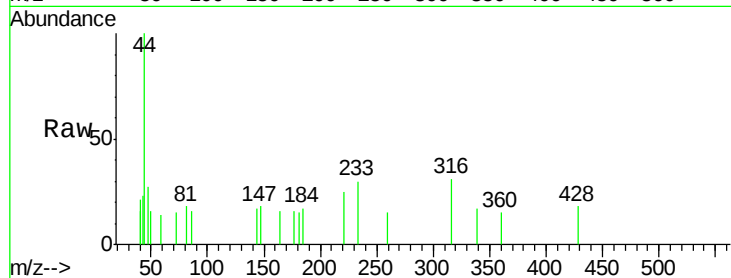




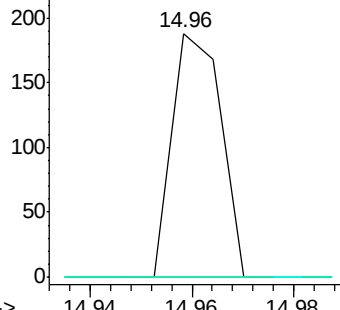
#53
2,4-Dinitrophenol
Concen: 5.14 ng
RT: 14.96 min Scan# 2063
Delta R.T. -0.03 min
Lab File: BG025407.D
Acq: 29 Dec 2016 16:52

Instrument :
BNA_G
ClientSampleId :
PB95674TB

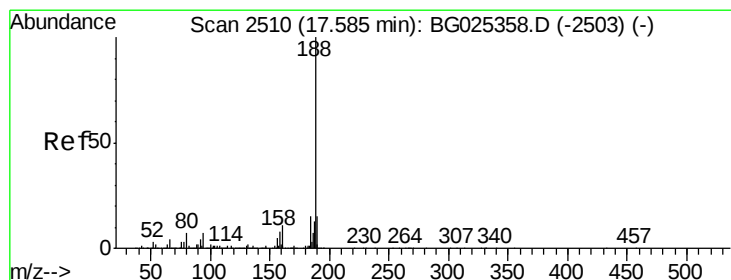
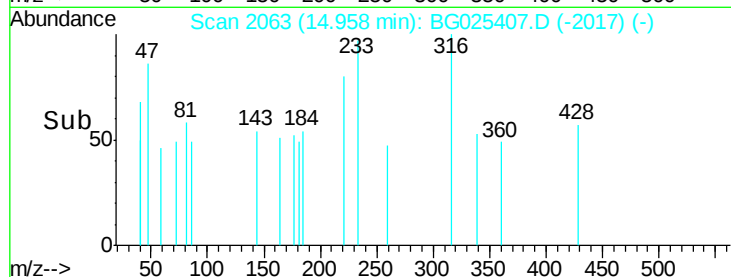
Tgt Ion:184 Resp: 125
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



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

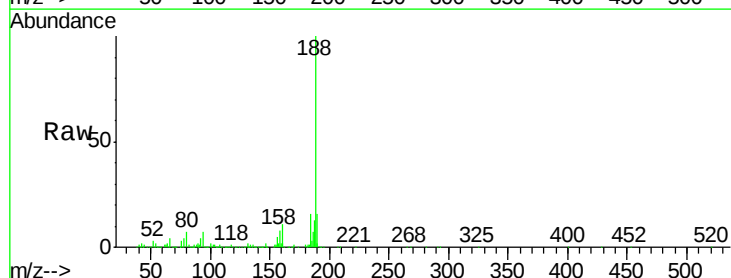


Time-->

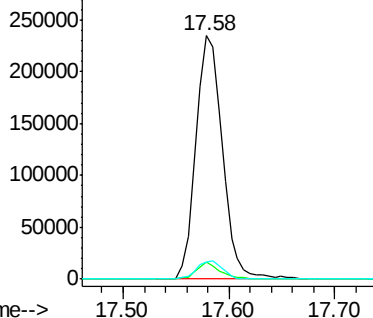


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025407.D
Acq: 29 Dec 2016 16:52

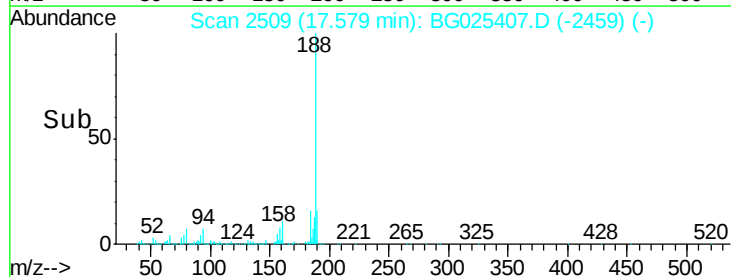
Tgt Ion:188 Resp: 407010
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.8
80 7.1 7.5 11.3#

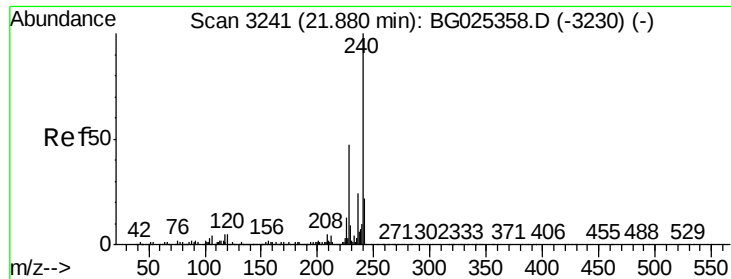


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



Time-->

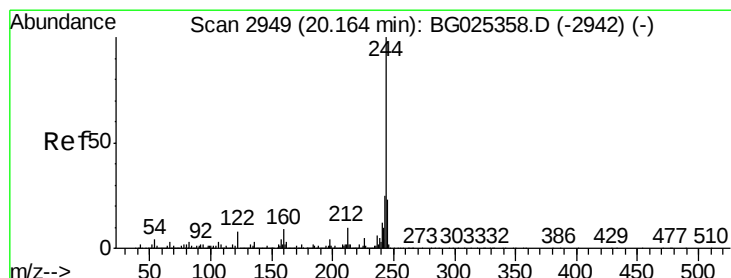
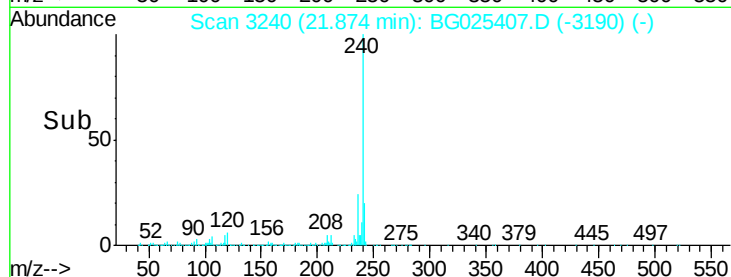
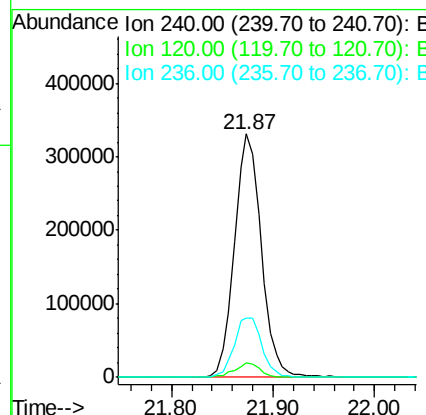
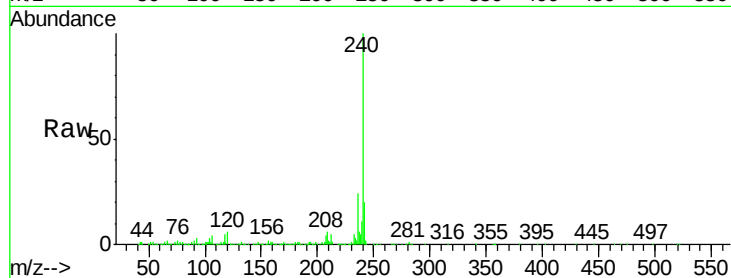




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.87 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BG025407.D
 Acq: 29 Dec 2016 16:52

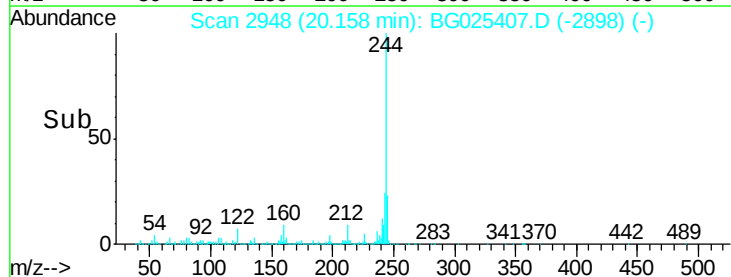
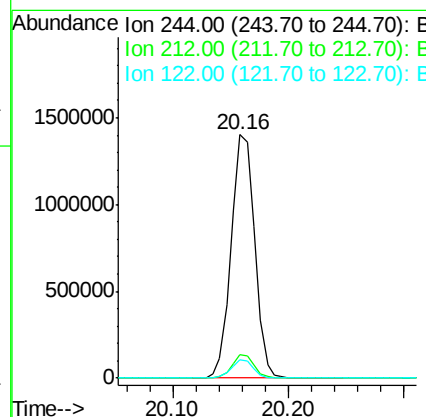
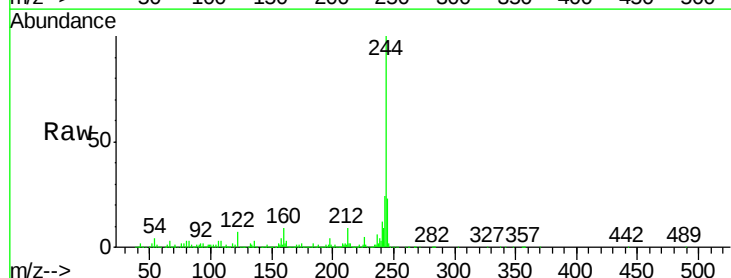
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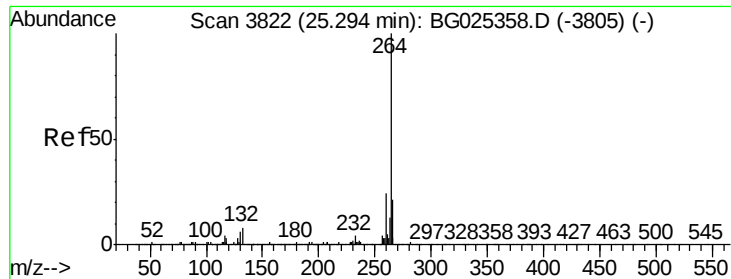
Tgt Ion:240 Resp: 607553
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.7 8.5
 236 24.5 22.2 33.4



#78
 Terphenyl-d14
 Concen: 86.54 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. -0.01 min
 Lab File: BG025407.D
 Acq: 29 Dec 2016 16:52

Tgt Ion:244 Resp: 1982896
 Ion Ratio Lower Upper
 244 100
 212 9.5 10.0 15.0#
 122 7.5 8.6 12.8#





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025407.D

Acq: 29 Dec 2016 16:52

Instrument :

BNA_G

ClientSampleId :

PB95674TB

Tgt Ion: 264 Resp: 644961

Ion Ratio Lower Upper

264 100

260 22.5 21.8 32.8

265 21.8 18.2 27.4

