

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011217\
 Data File : BG025509.D
 Acq On : 13 Jan 2017 8:57
 Operator : UM/SJ
 Sample : I1138-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Jan 13 12:57:51 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

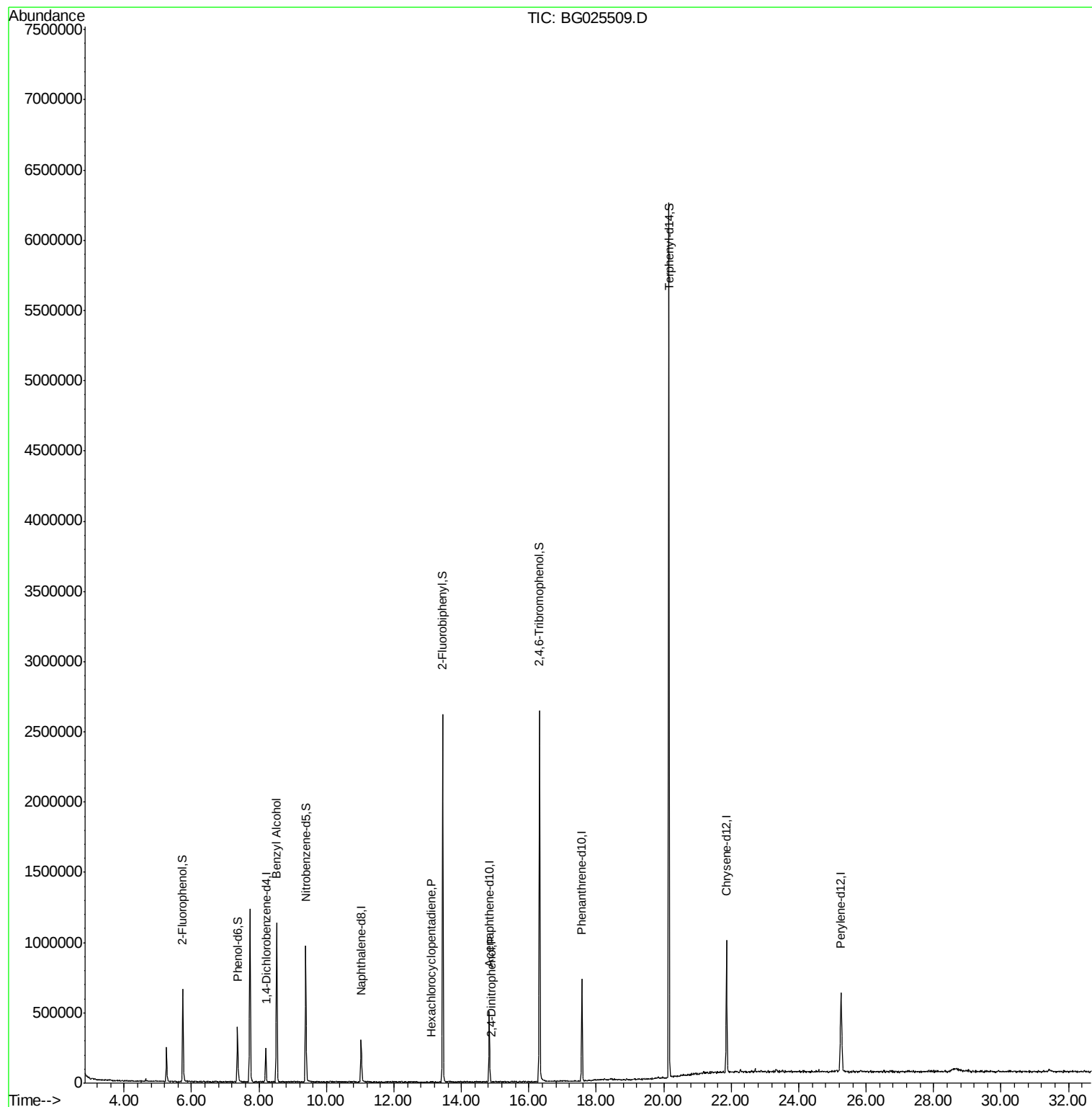
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	60146	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	241504	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	192231	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	464793	20.00	ng	0.00
75) Chrysene-d12	21.86	240	638076	20.00	ng	0.00
86) Perylene-d12	25.25	264	676053	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	254145	76.81	ng	0.00
7) Phenol-d6	7.36	99	222839	47.82	ng	0.00
23) Nitrobenzene-d5	9.38	82	608726	111.35	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	533155	172.27	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1311933	110.49	ng	0.00
78) Terphenyl-d14	20.15	244	2538757	105.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.52	79	11081	2.49	ng	# 65
40) Hexachlorocyclopentadiene	13.11	237	131	8.56	ng	# 29
53) 2,4-Dinitrophenol	14.88	184	124	5.14	ng	# 15

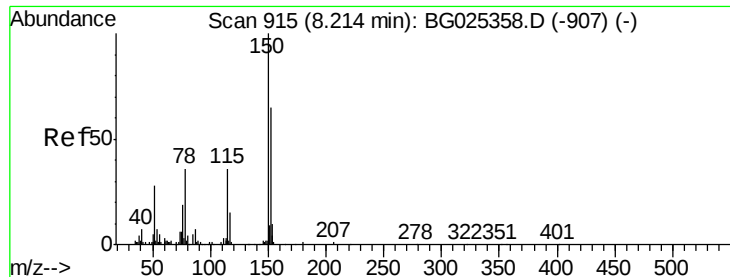
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

Instrument :

BNA_G

ClientSampleId :

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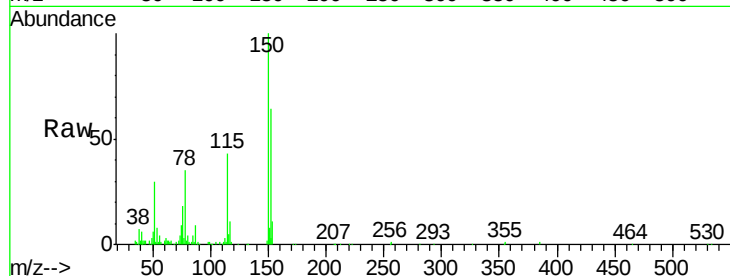
Tgt Ion:152 Resp: 60146

Ion Ratio Lower Upper

152 100

150 155.1 114.0 171.0

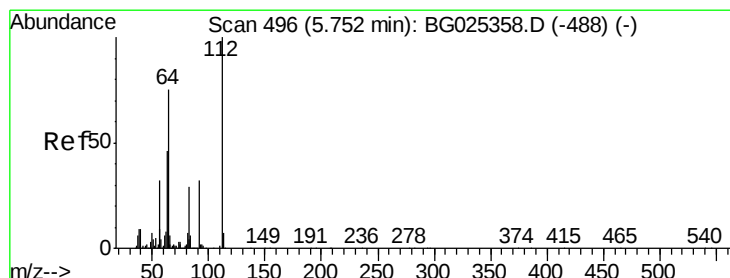
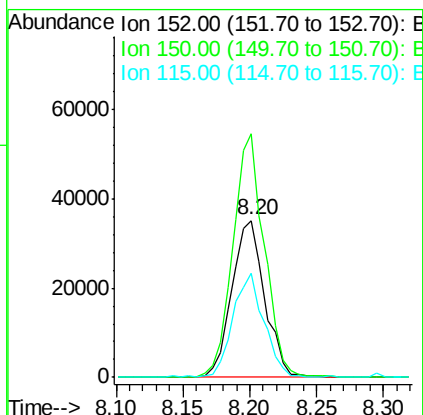
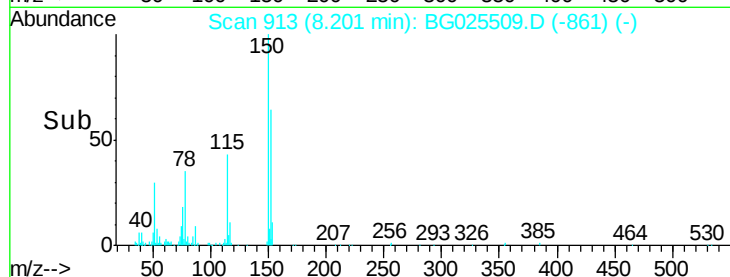
115 66.7 48.1 72.1



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: 76.81 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

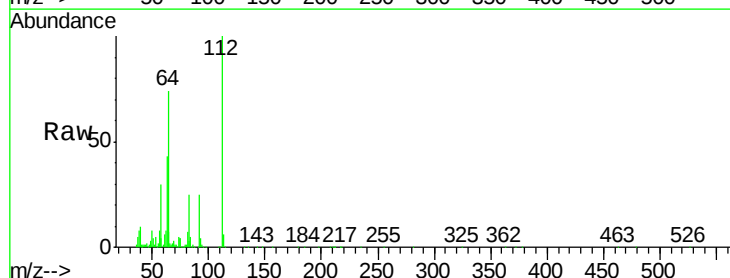
Tgt Ion:112 Resp: 254145

Ion Ratio Lower Upper

112 100

64 74.1 61.8 92.6

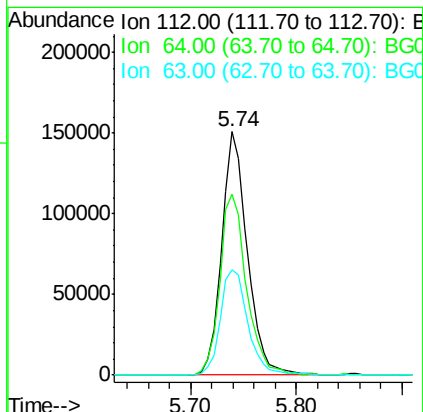
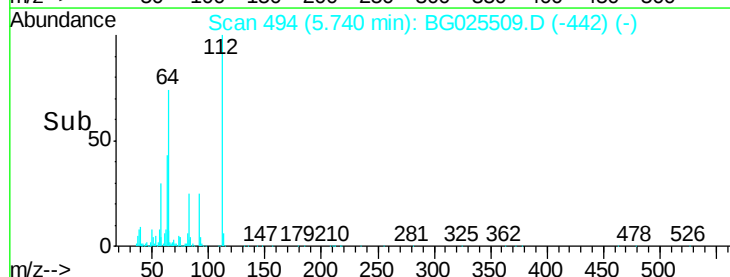
63 43.2 37.2 55.8

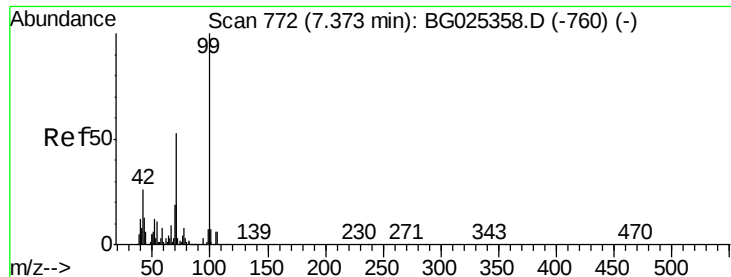


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 47.82 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

Instrument :

BNA_G

ClientSampled :

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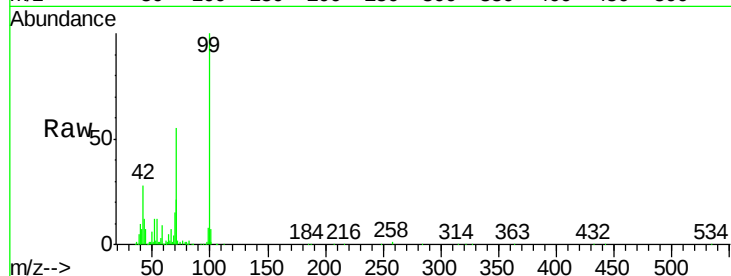
Tgt Ion: 99 Resp: 222839

Ion Ratio Lower Upper

99 100

42 28.5 20.5 30.7

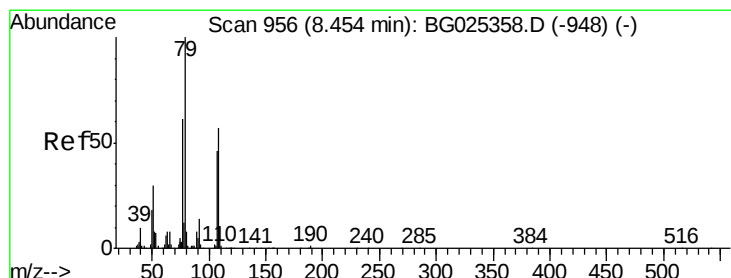
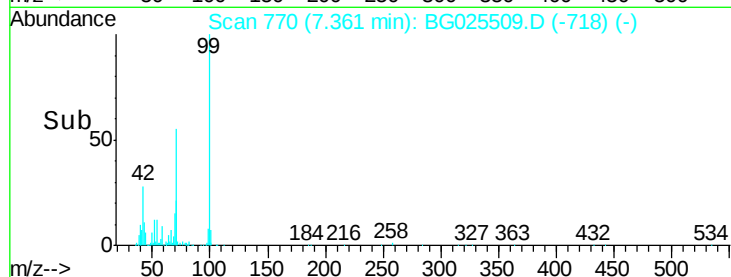
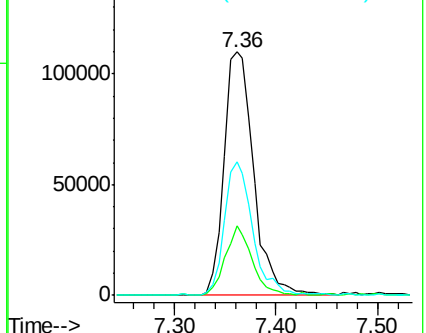
71 54.8 37.6 56.4



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: 2.49 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.07 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

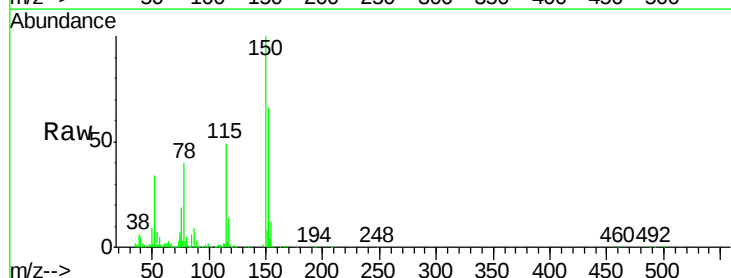
Tgt Ion: 79 Resp: 11081

Ion Ratio Lower Upper

79 100

108 31.1 45.5 68.3#

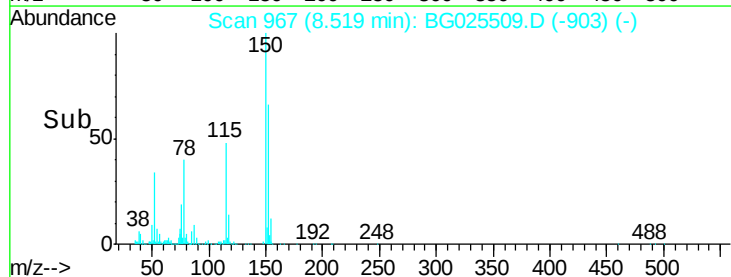
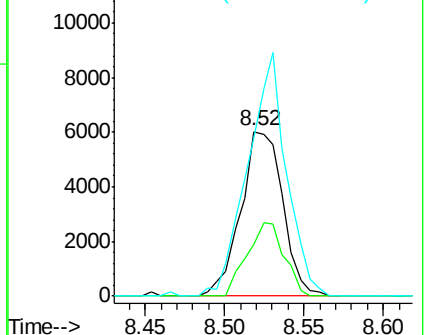
77 96.1 54.3 81.5#

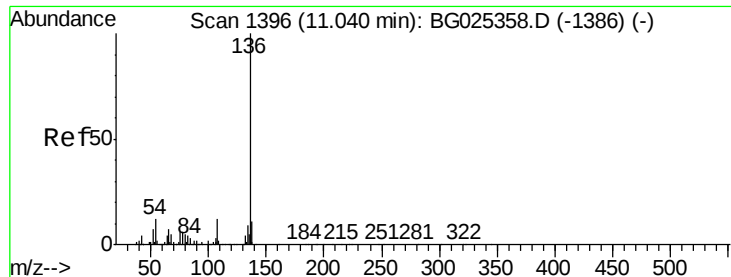


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

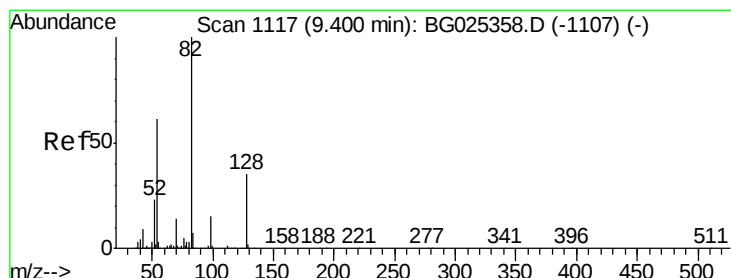
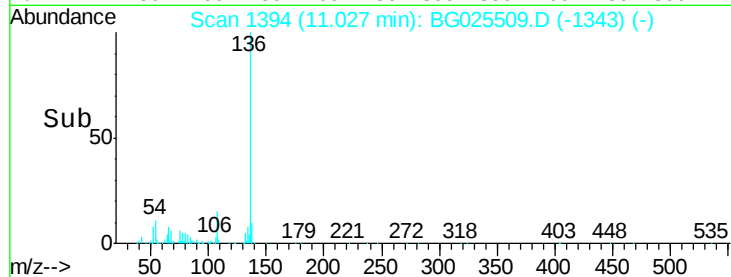
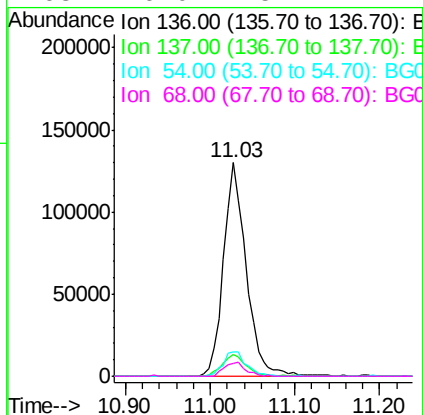
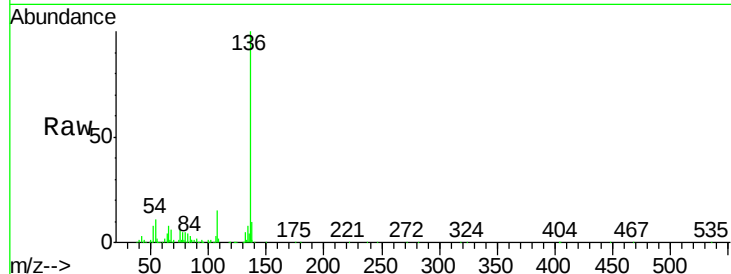




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025509.D
Acq: 13 Jan 2017 8:57

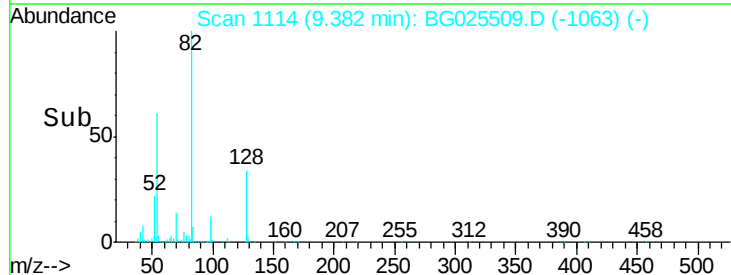
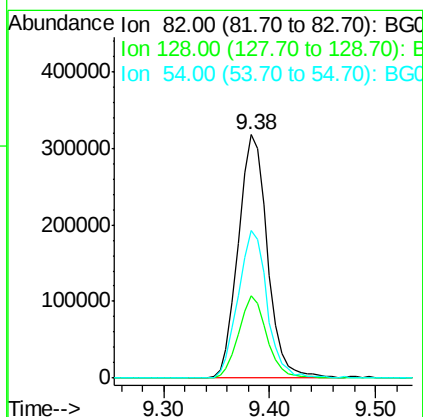
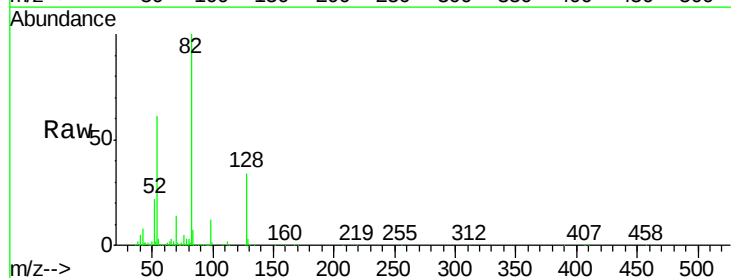
Instrument :
BNA_G
ClientSampleId :
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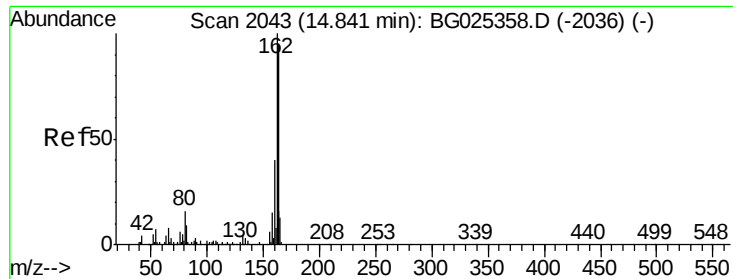
Tgt Ion:	136	Resp:	241504
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	11.3	9.3	13.9
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 111.35 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025509.D
Acq: 13 Jan 2017 8:57

Tgt Ion:	82	Resp:	608726
Ion	Ratio	Lower	Upper
82	100		
128	33.8	26.4	39.6
54	60.7	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

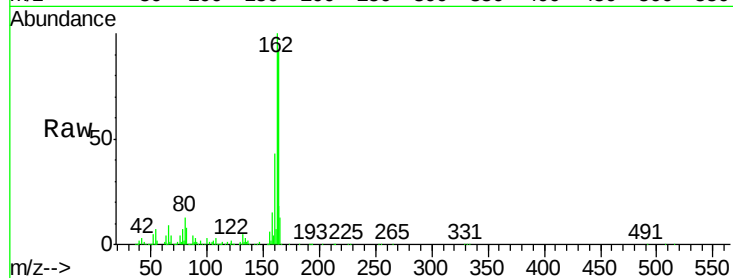
Tgt Ion:164 Resp: 192231

Ion Ratio Lower Upper

164 100

162 109.0 85.1 127.7

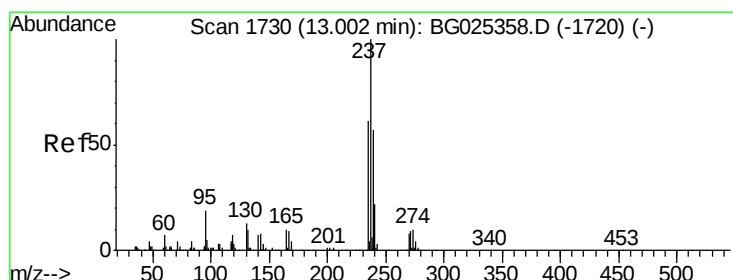
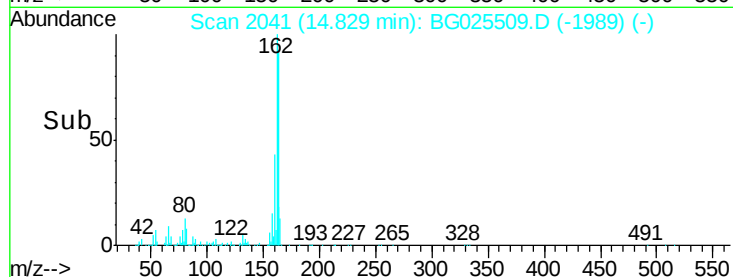
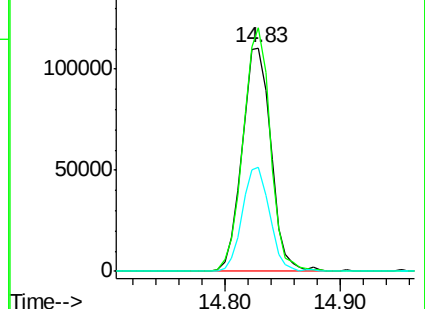
160 46.8 34.7 52.1



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: 13.11 min Scan# 1748

Delta R.T. 0.12 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

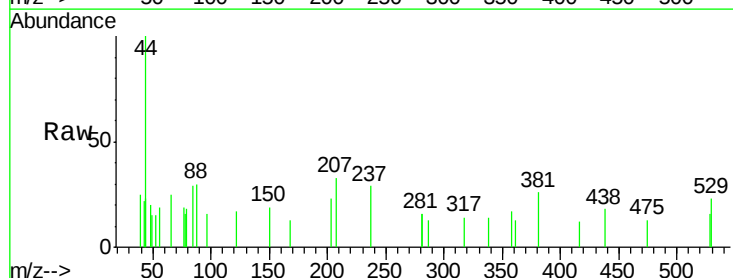
Tgt Ion:237 Resp: 131

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

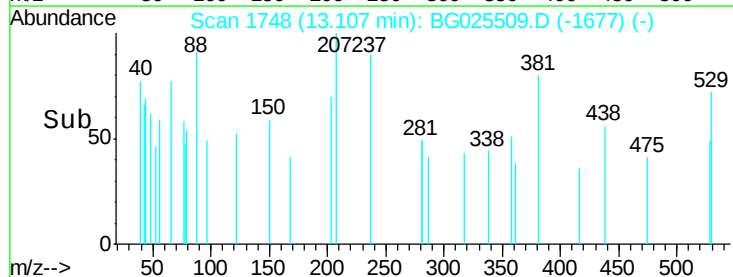
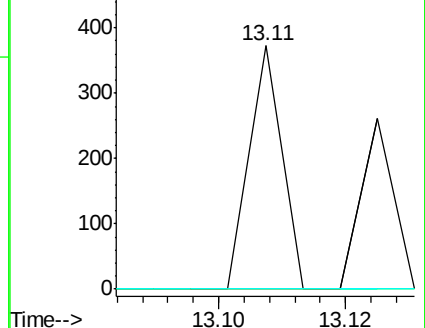
272 0.0 0.0 32.0



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: 172.27 ng

RT: 16.32 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

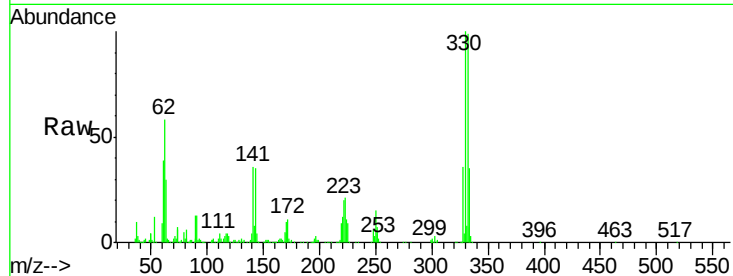
Instrument :

BNA_G

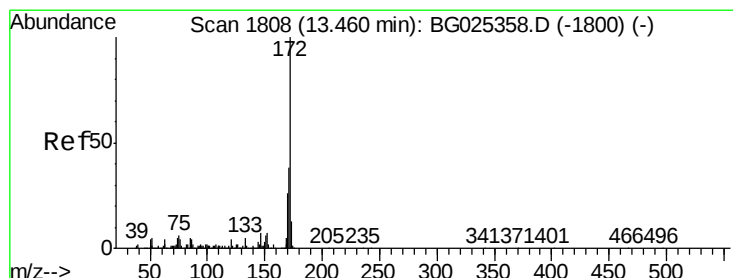
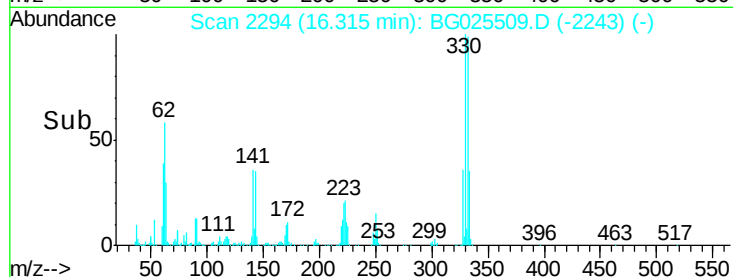
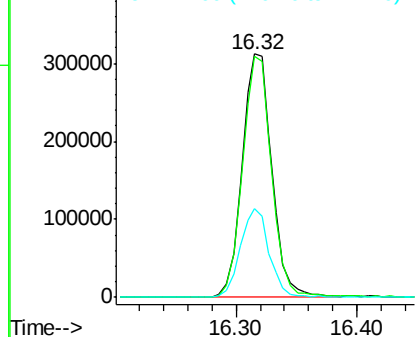
ClientSampleId :

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Tgt Ion:	330	Resp:	533155
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	35.1	32.1	48.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 110.49 ng

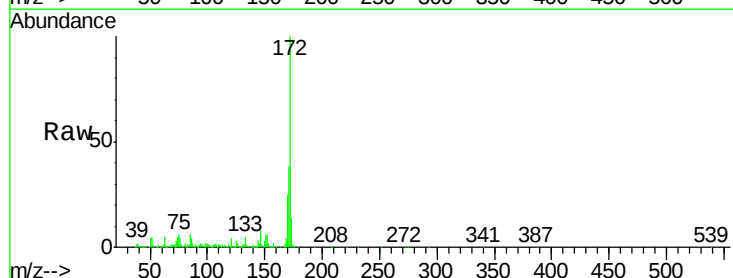
RT: 13.45 min Scan# 1806

Delta R.T. -0.00 min

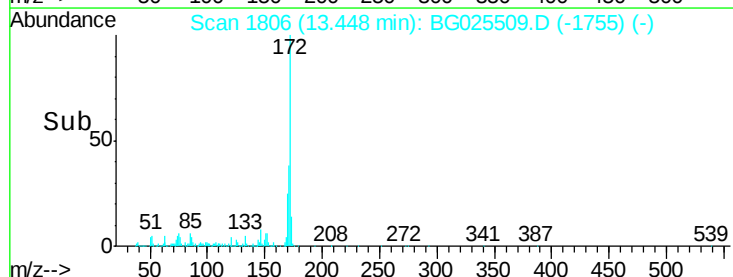
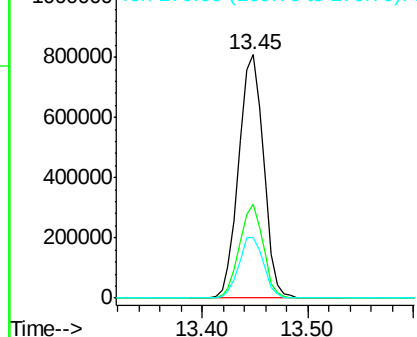
Lab File: BG025509.D

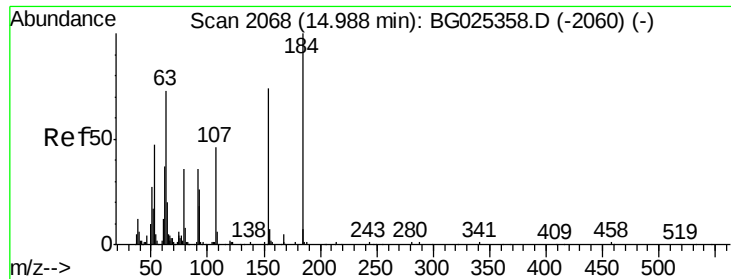
Acq: 13 Jan 2017 8:57

Tgt Ion:	172	Resp:	1311933
Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.2	48.2
170	24.8	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#53

2,4-Dinitrophenol

Concen: 5.14 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.09 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

Instrument :

BNA_G

ClientSampleId :

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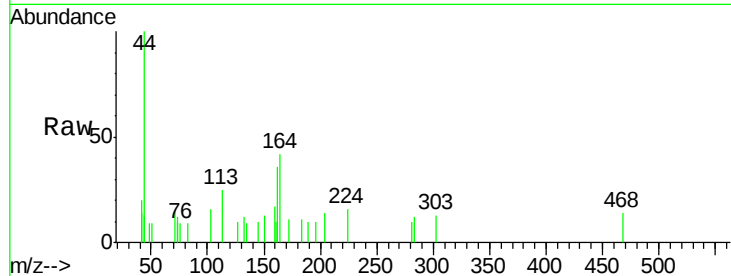
Tgt Ion:184 Resp: 124

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): BG0

Ion 154.00 (153.70 to 154.70): E

400

300

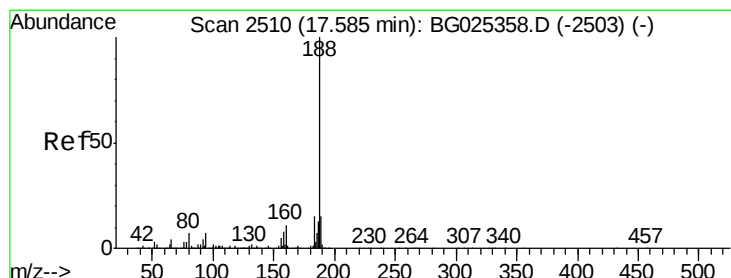
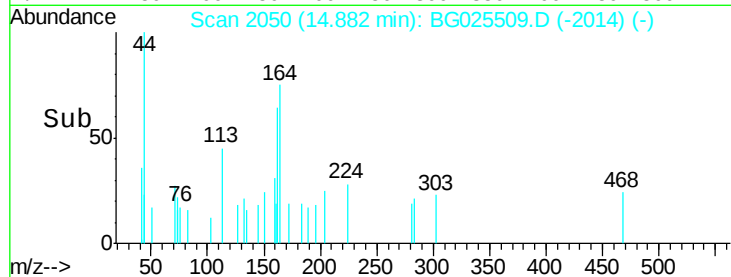
200

100

0

14.86 14.88 14.90

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

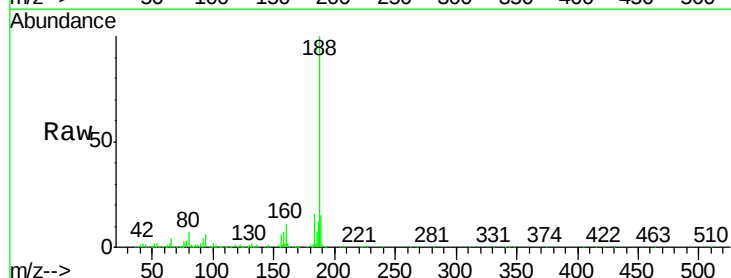
Tgt Ion:188 Resp: 464793

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

80 7.3 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

400000

300000

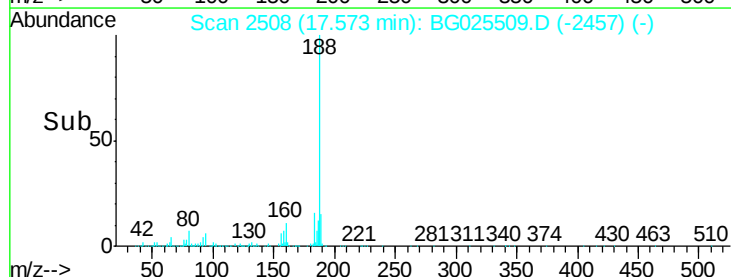
200000

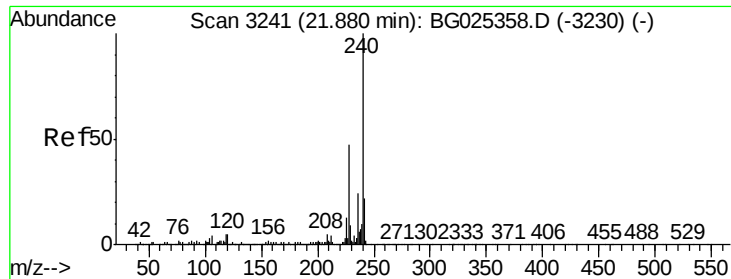
100000

0

17.50 17.57 17.60

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

Instrument :

BNA_G

ClientSampleId :

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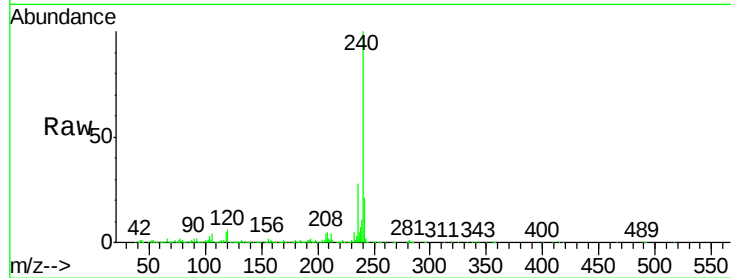
Tgt Ion:240 Resp: 638076

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

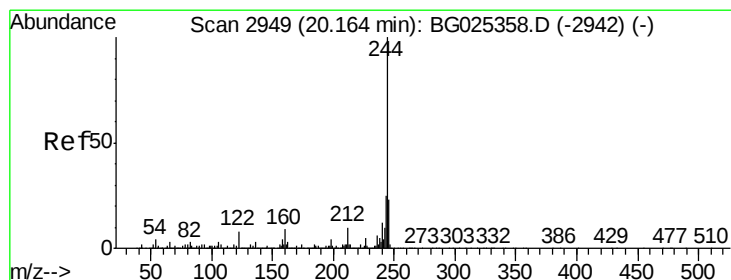
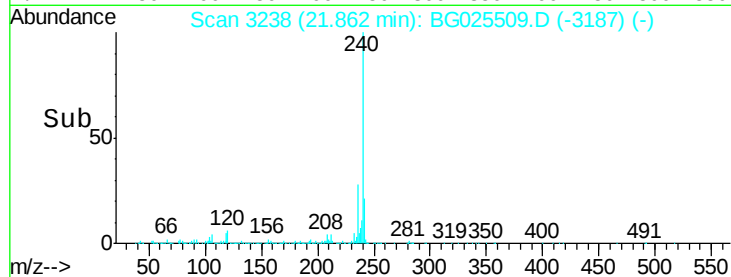
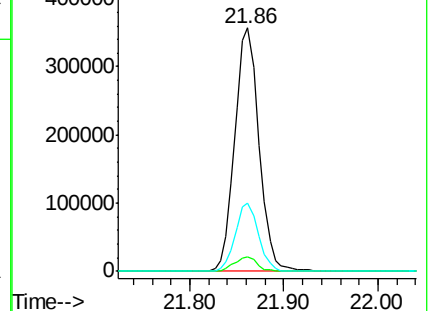
236 28.3 22.2 33.4



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: 105.49 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025509.D

Acq: 13 Jan 2017 8:57

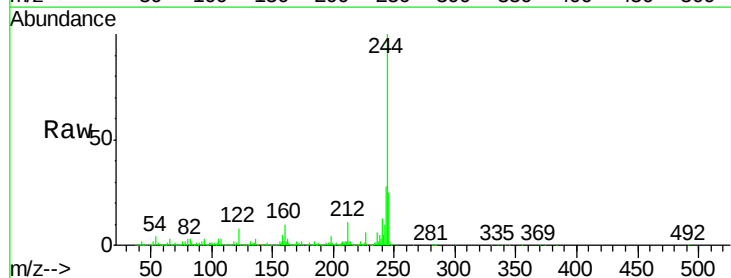
Tgt Ion:244 Resp: 2538757

Ion Ratio Lower Upper

244 100

212 10.6 10.0 15.0

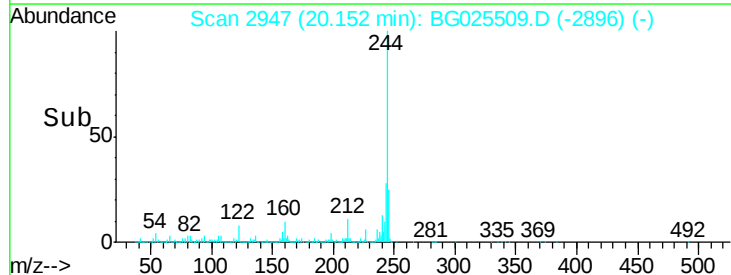
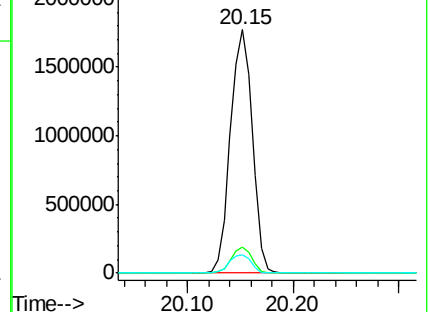
122 7.8 8.6 12.8#

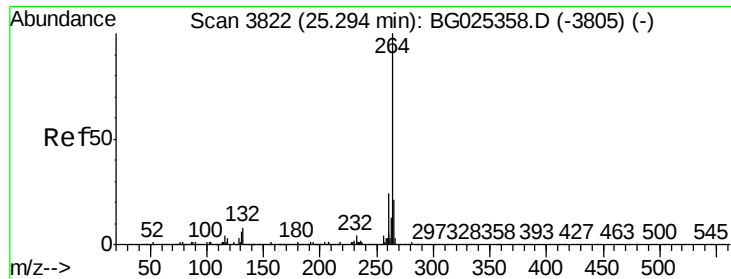


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.25 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BG025509.D
Acq: 13 Jan 2017 8:57

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	20.1	18.2	27.4

