

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
 Data File : BG025446.D
 Acq On : 10 Jan 2017 1:21
 Operator : UM/SJ
 Sample : I1056-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PW-03

Quant Time: Jan 10 04:22:47 2017
 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

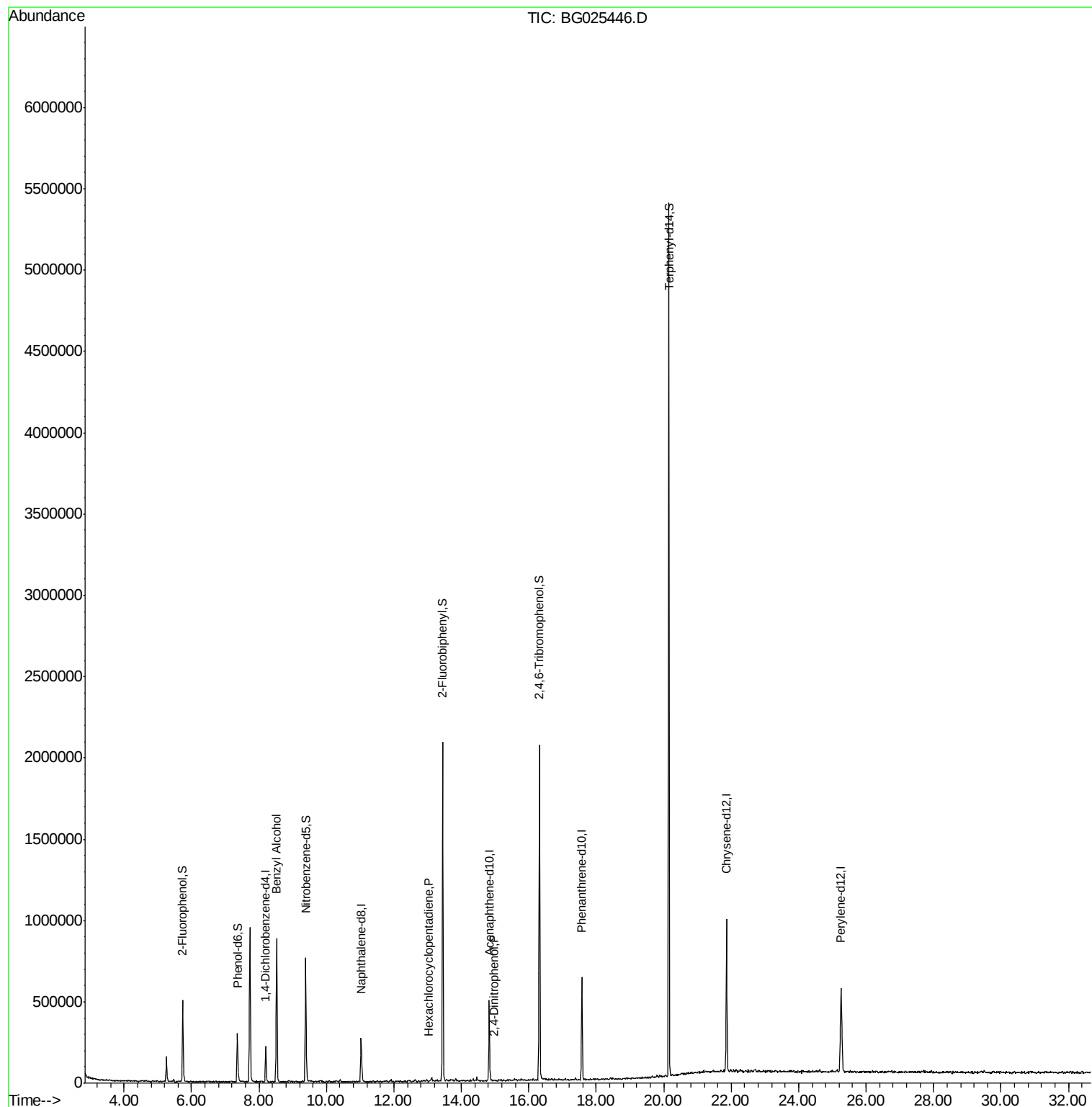
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	54208	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	213236	20.00	ng	-0.01
38) Acenaphthene-d10	14.82	164	180480	20.00	ng	-0.02
63) Phenanthrene-d10	17.57	188	415431	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	631245	20.00	ng	-0.02
86) Perylene-d12	25.25	264	655931	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	211532	70.93	ng	-0.01
7) Phenol-d6	7.36	99	174601	41.57	ng	-0.02
23) Nitrobenzene-d5	9.38	82	497394	103.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	418651	144.08	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	1070161	96.00	ng	-0.01
78) Terphenyl-d14	20.15	244	2154499	90.50	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.52	79	10322	2.57	ng	# 64
40) Hexachlorocyclopentadiene	13.02	237	69	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.97	184	73	5.11	ng	# 15

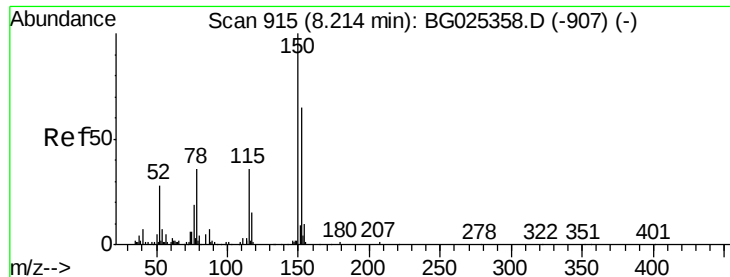
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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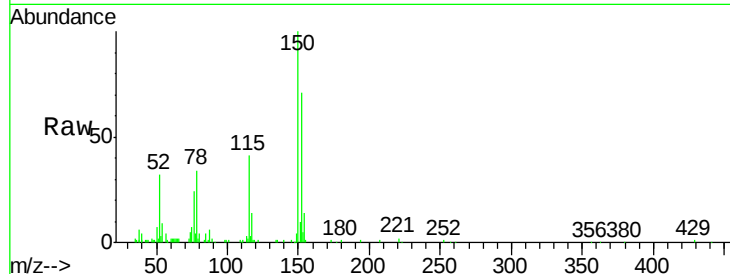


#1

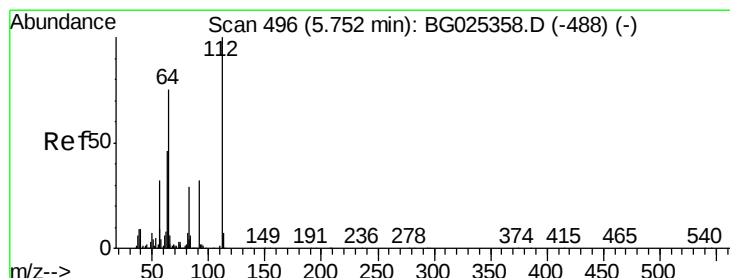
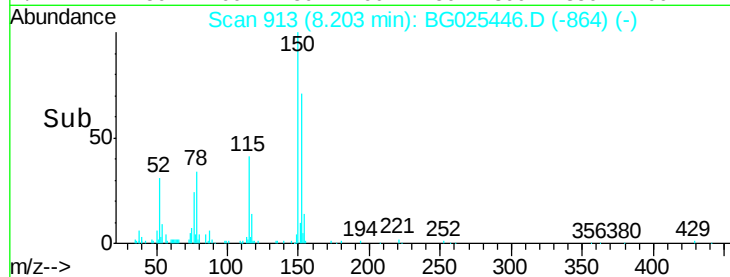
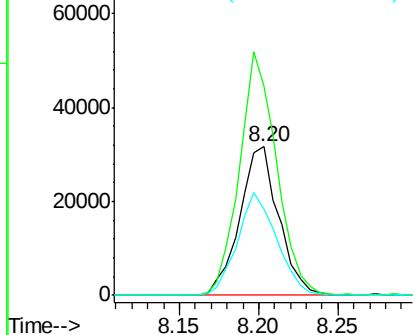
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG025446.D
 Acq: 10 Jan 2017 1:21

Instrument :
 BNA_G
 ClientSampleId :
 PW-03

Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.6	114.0	171.0
115	57.9	48.1	72.1



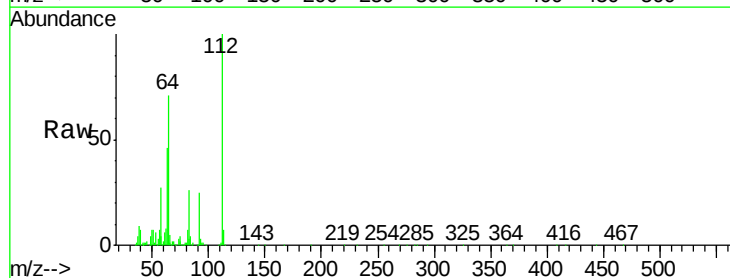
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



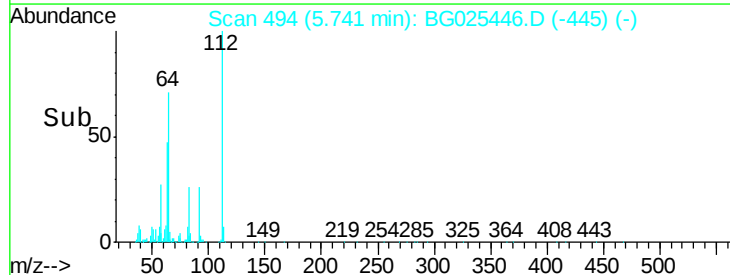
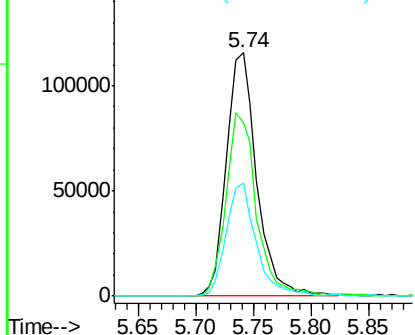
#5

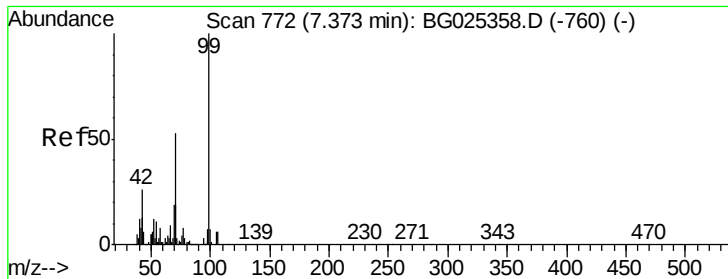
2-Fluorophenol
 Concen: 70.93 ng
 RT: 5.74 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BG025446.D
 Acq: 10 Jan 2017 1:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	61.8	92.6
63	46.2	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: 41.57 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

Instrument :

BNA_G

ClientSampleId :

PW-03

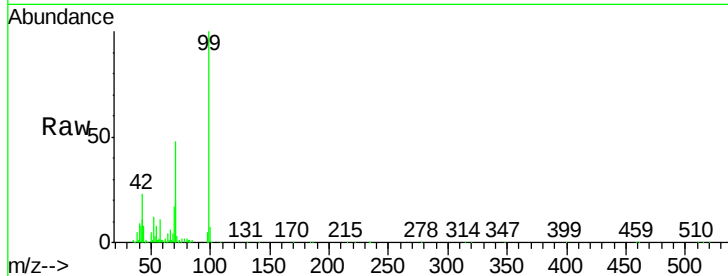
Tgt Ion: 99 Resp: 174601

Ion Ratio Lower Upper

99 100

42 23.3 20.5 30.7

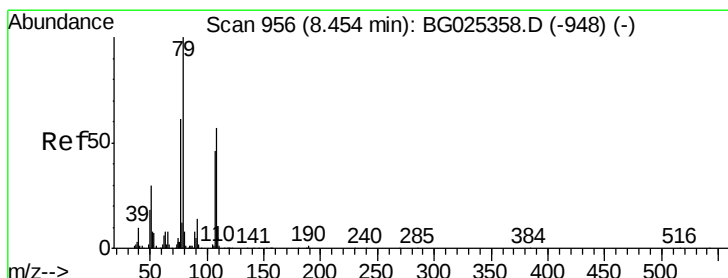
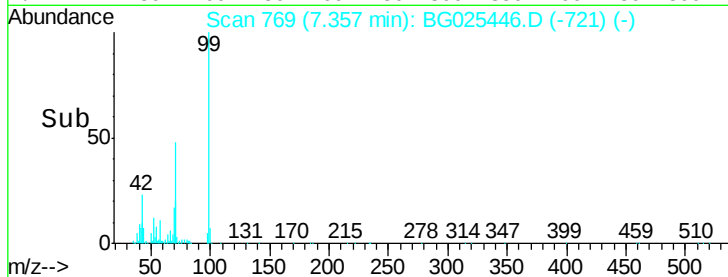
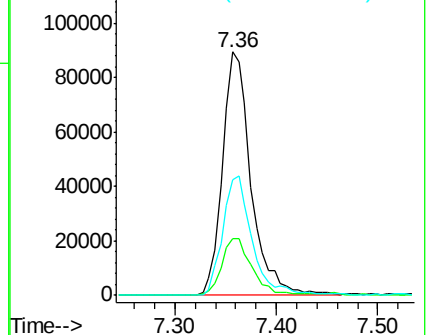
71 47.7 37.6 56.4



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: 2.57 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.07 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

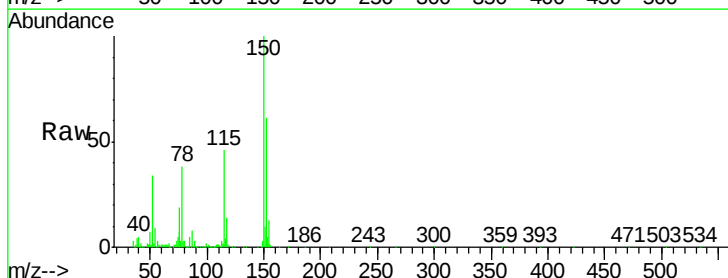
Tgt Ion: 79 Resp: 10322

Ion Ratio Lower Upper

79 100

108 42.6 45.5 68.3#

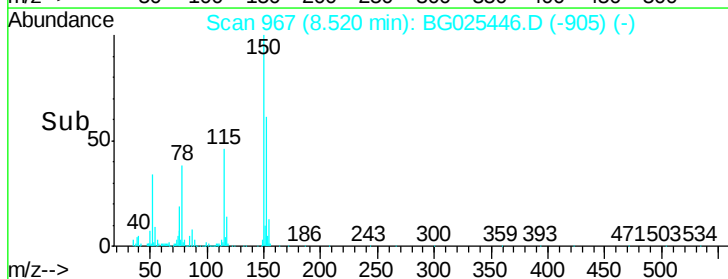
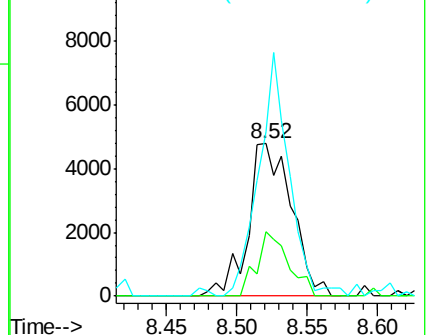
77 107.9 54.3 81.5#

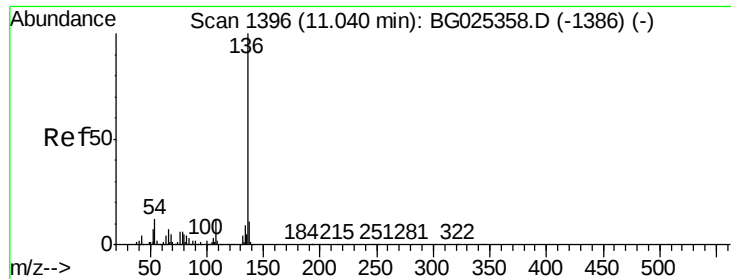


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

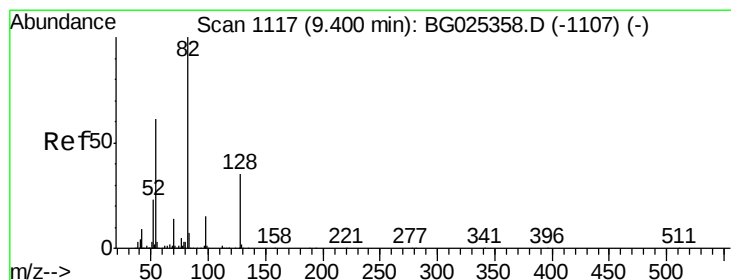
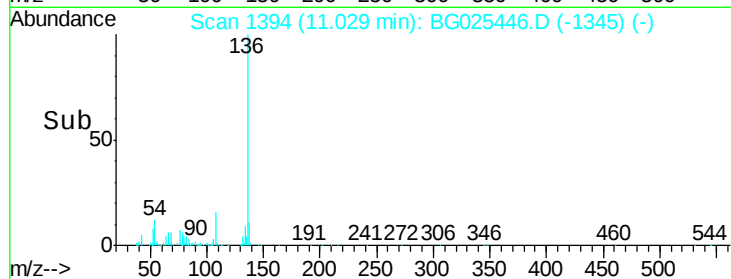
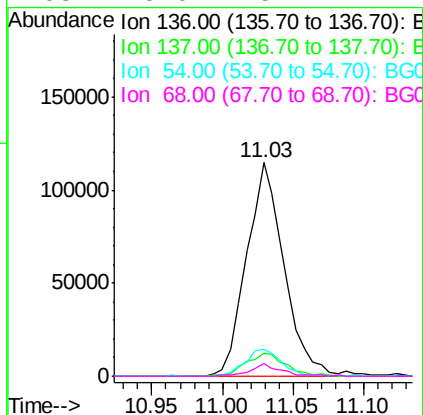
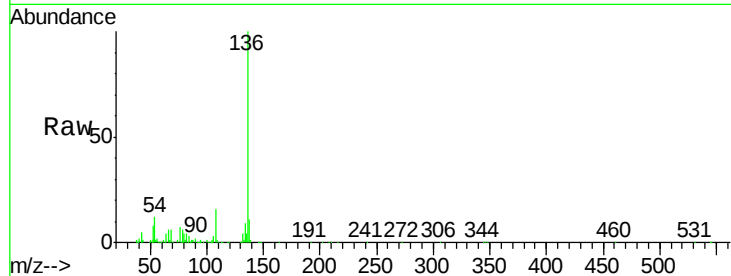




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

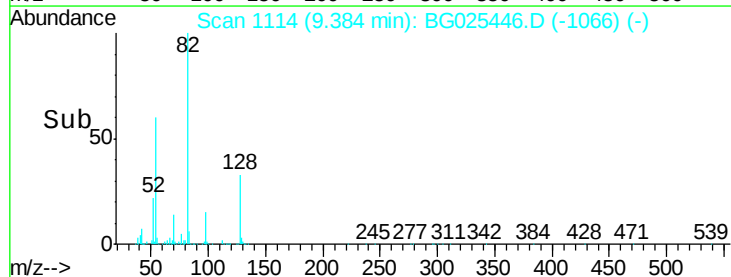
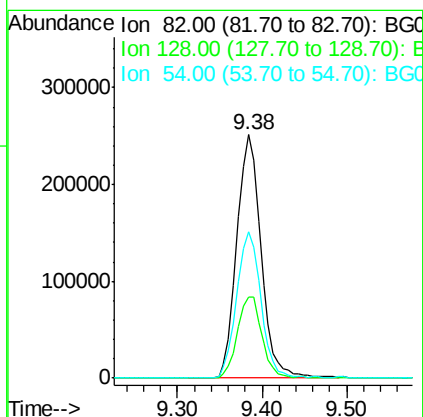
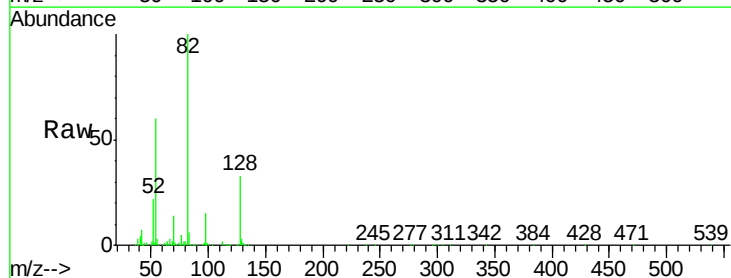
Instrument :
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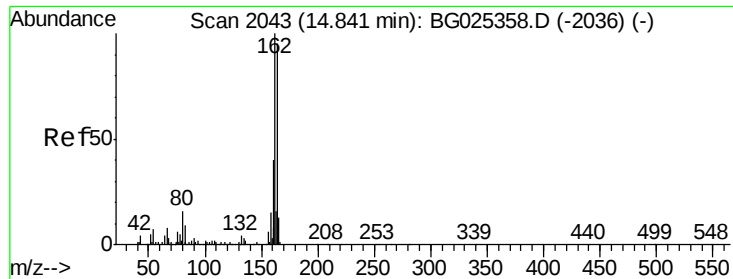
Tgt Ion:	136	Resp:	213236
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	12.4	9.3	13.9
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 103.05 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

Tgt Ion:	82	Resp:	497394
Ion	Ratio	Lower	Upper
82	100		
128	33.0	26.4	39.6
54	59.9	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

Instrument :

BNA_G

ClientSampleId :

PW-03

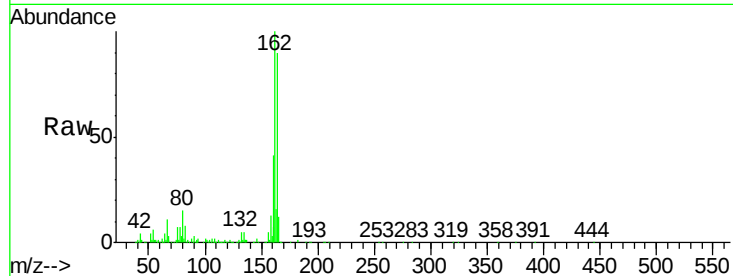
Tgt Ion:164 Resp: 180480

Ion Ratio Lower Upper

164 100

162 110.6 85.1 127.7

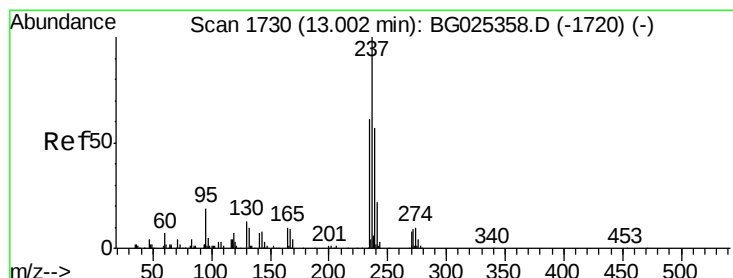
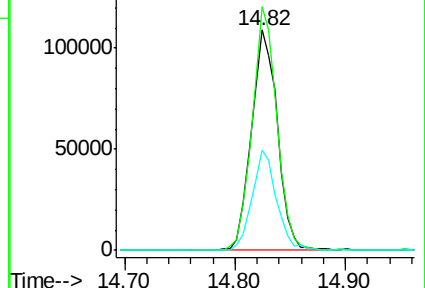
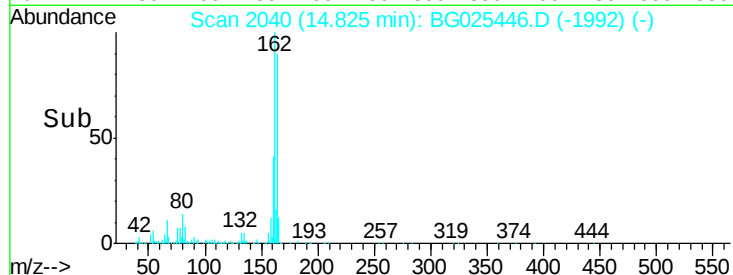
160 45.8 34.7 52.1



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: 8.54 ng

RT: 13.02 min Scan# 1733

Delta R.T. 0.02 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

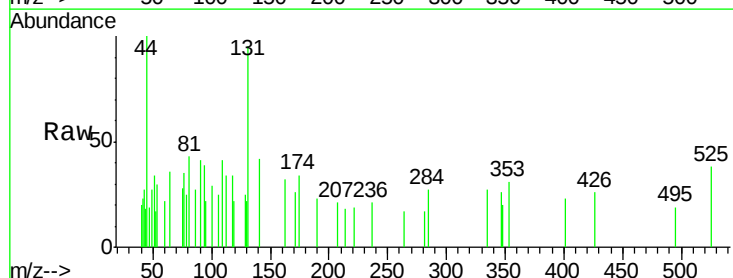
Tgt Ion:237 Resp: 69

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

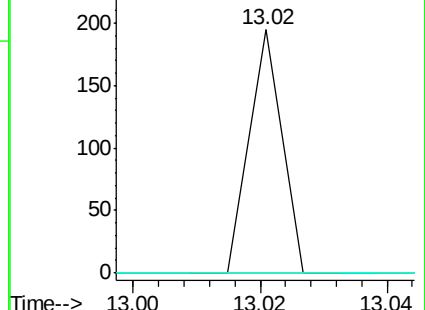
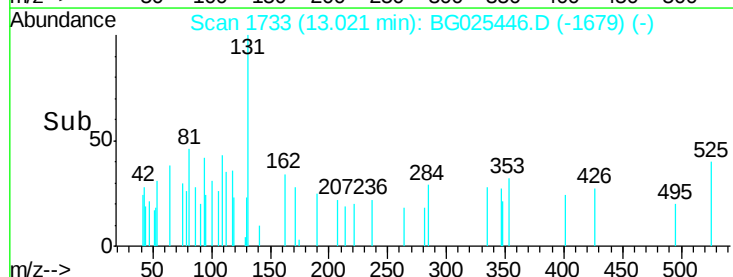
272 0.0 0.0 32.0



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

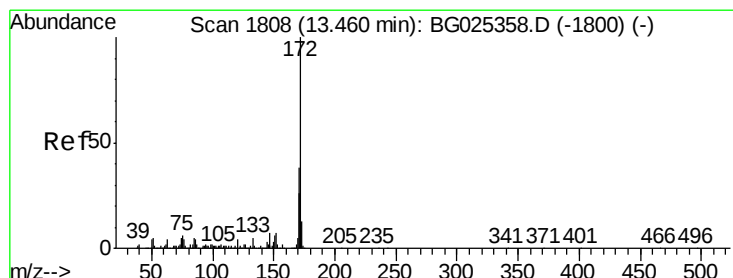
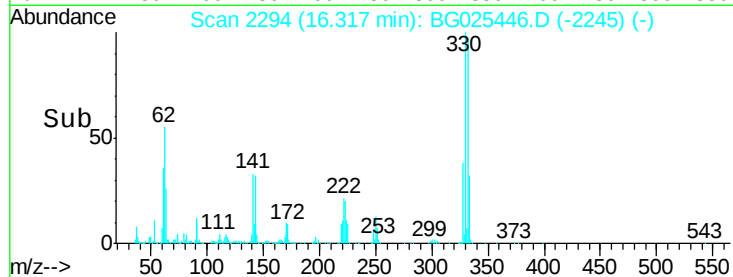
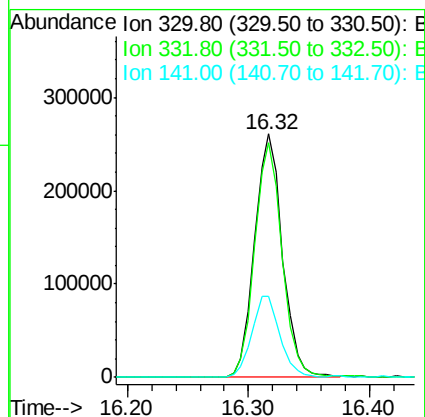
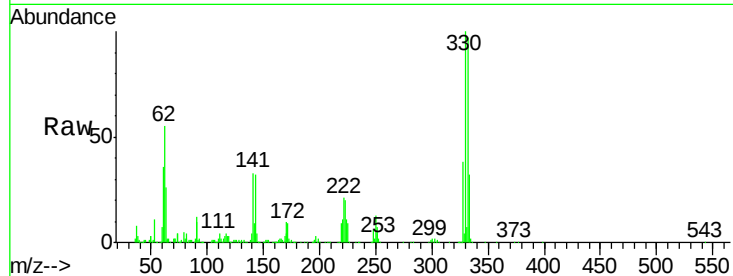




#41
 2,4,6-Tribromophenol
 Concen: 144.08 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025446.D
 Acq: 10 Jan 2017 1:21

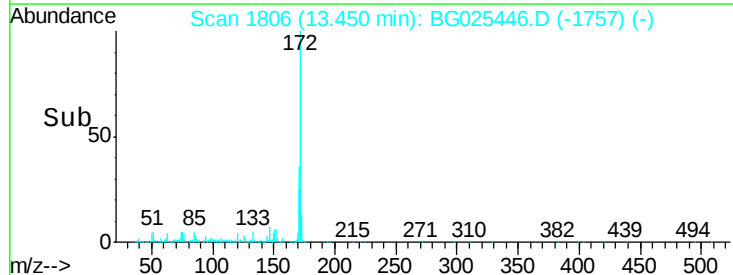
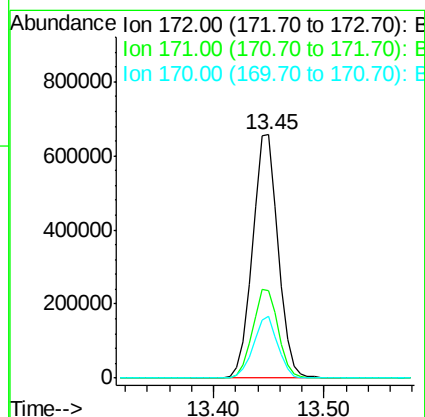
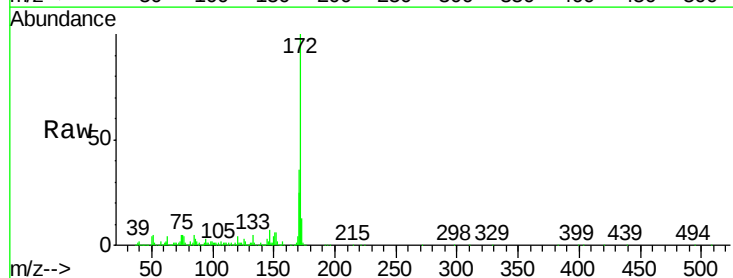
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 BNA_G
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 PW-03

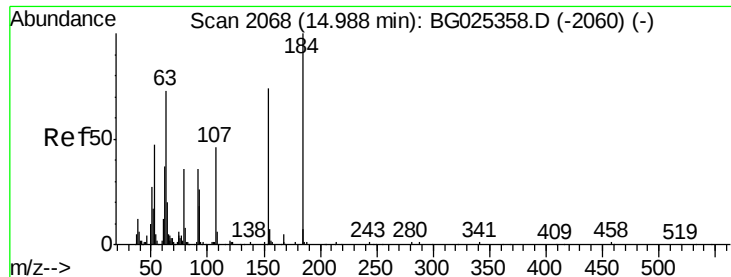
Tgt Ion:330 Resp: 418651
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 33.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 96.00 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025446.D
 Acq: 10 Jan 2017 1:21

Tgt Ion:172 Resp: 1070161
 Ion Ratio Lower Upper
 172 100
 171 36.1 32.2 48.2
 170 25.4 21.8 32.6

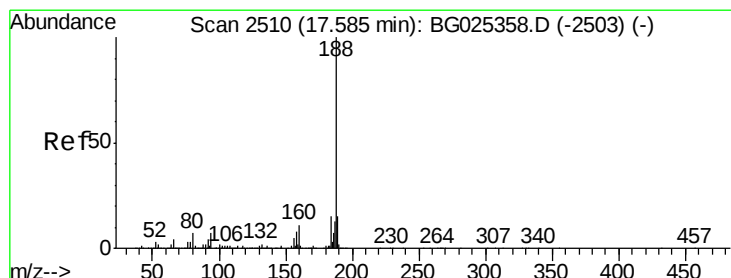
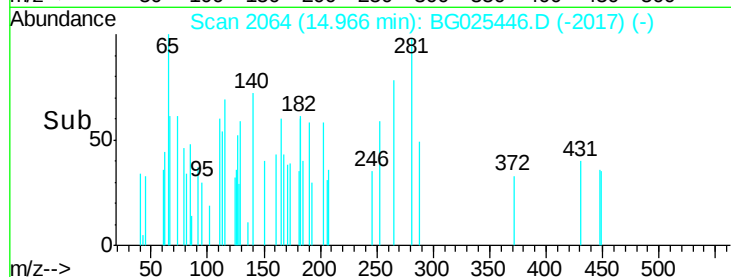
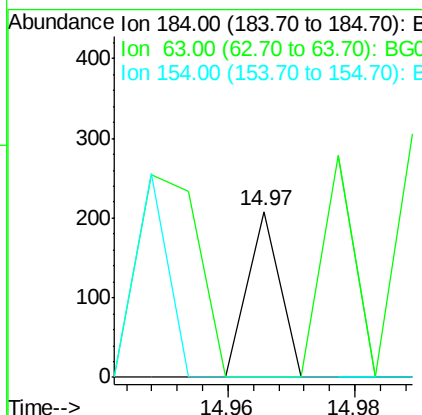
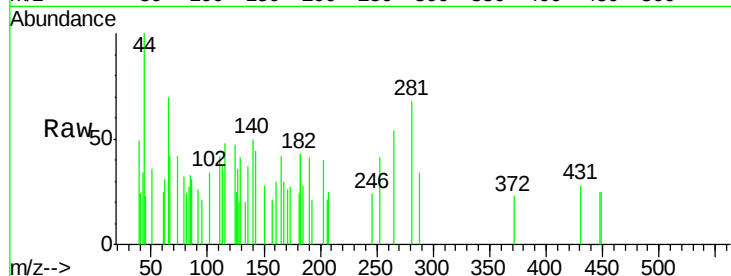




#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 14.97 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

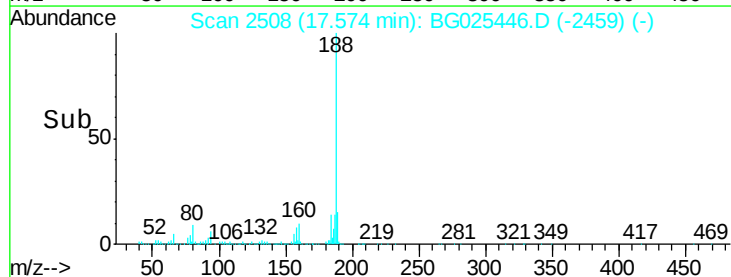
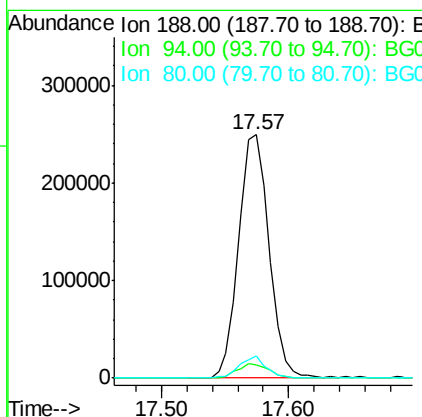
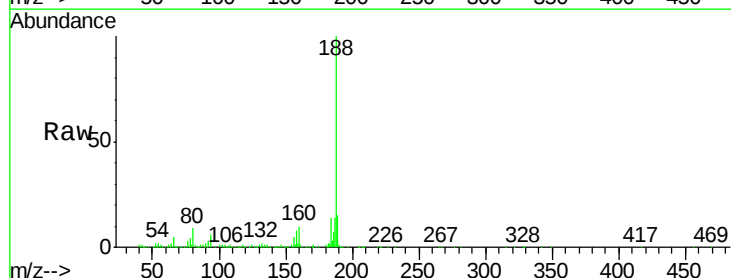
Instrument :
BNA_G
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PW-03

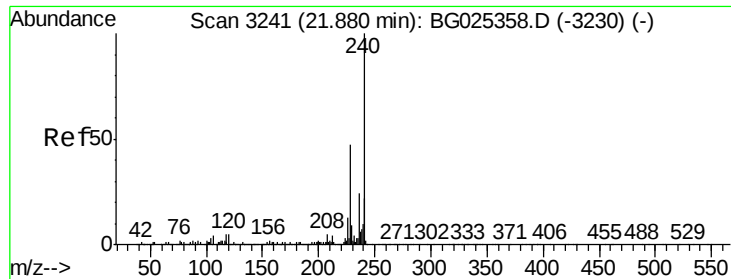
Tgt Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

Tgt Ion:188 Resp: 415431
Ion Ratio Lower Upper
188 100
94 5.7 5.8 8.8#
80 8.9 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

Instrument :

BNA_G

ClientSampleId :

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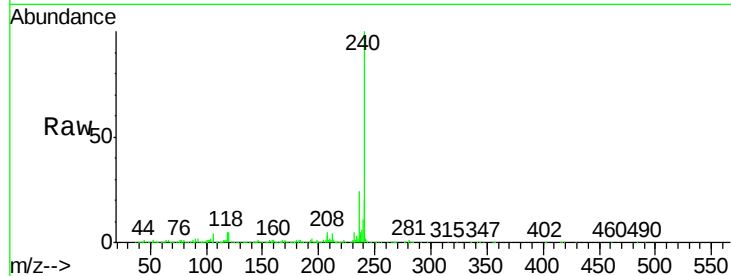
Tgt Ion:240 Resp: 631245

Ion Ratio Lower Upper

240 100

120 4.8 5.7 8.5#

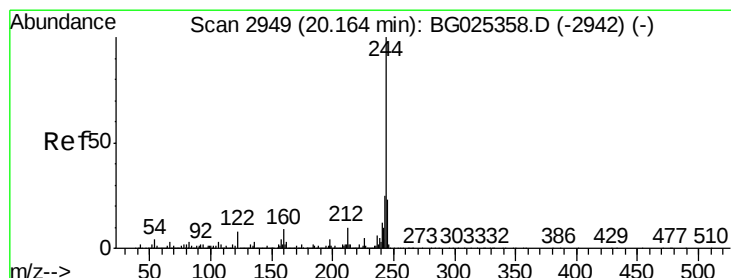
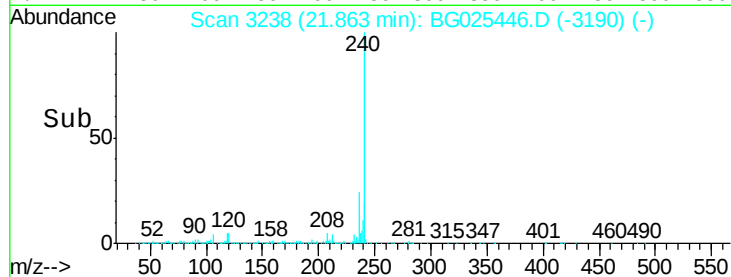
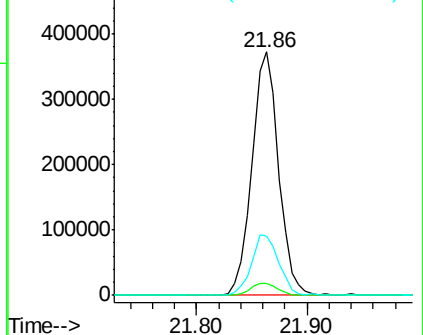
236 24.4 22.2 33.4



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: 90.50 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

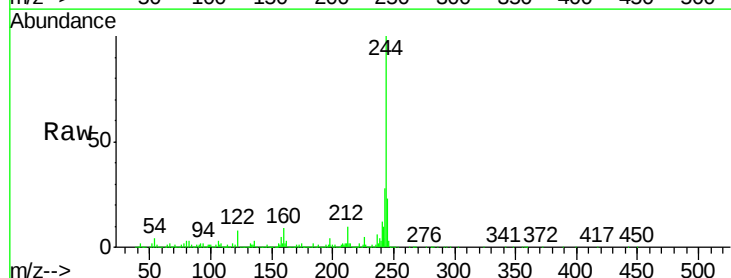
Tgt Ion:244 Resp: 2154499

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

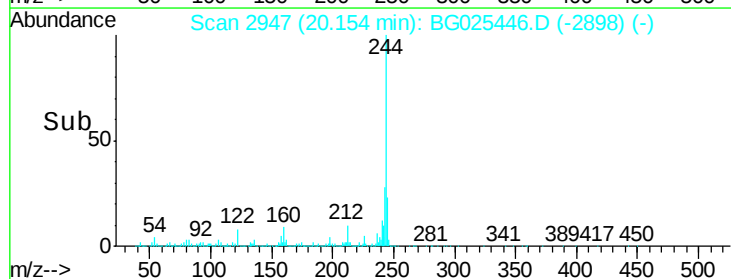
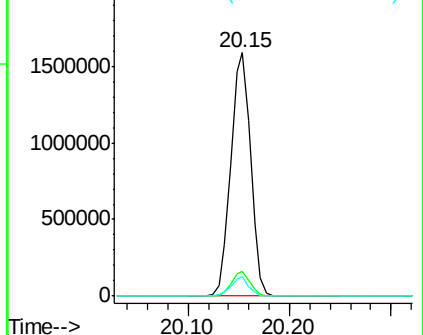
122 7.8 8.6 12.8#

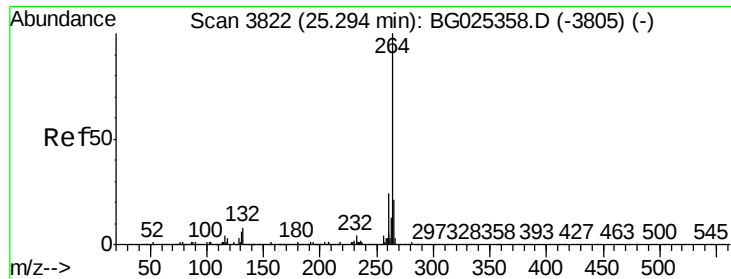


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.04 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

Instrument :
BNA_G
ClientSampleId :
PW-03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.6	18.2	27.4

