

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
 Data File : BG025418.D
 Acq On : 30 Dec 2016 17:58
 Operator : UM/SJ
 Sample : H6314-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: Dec 30 22:11:01 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

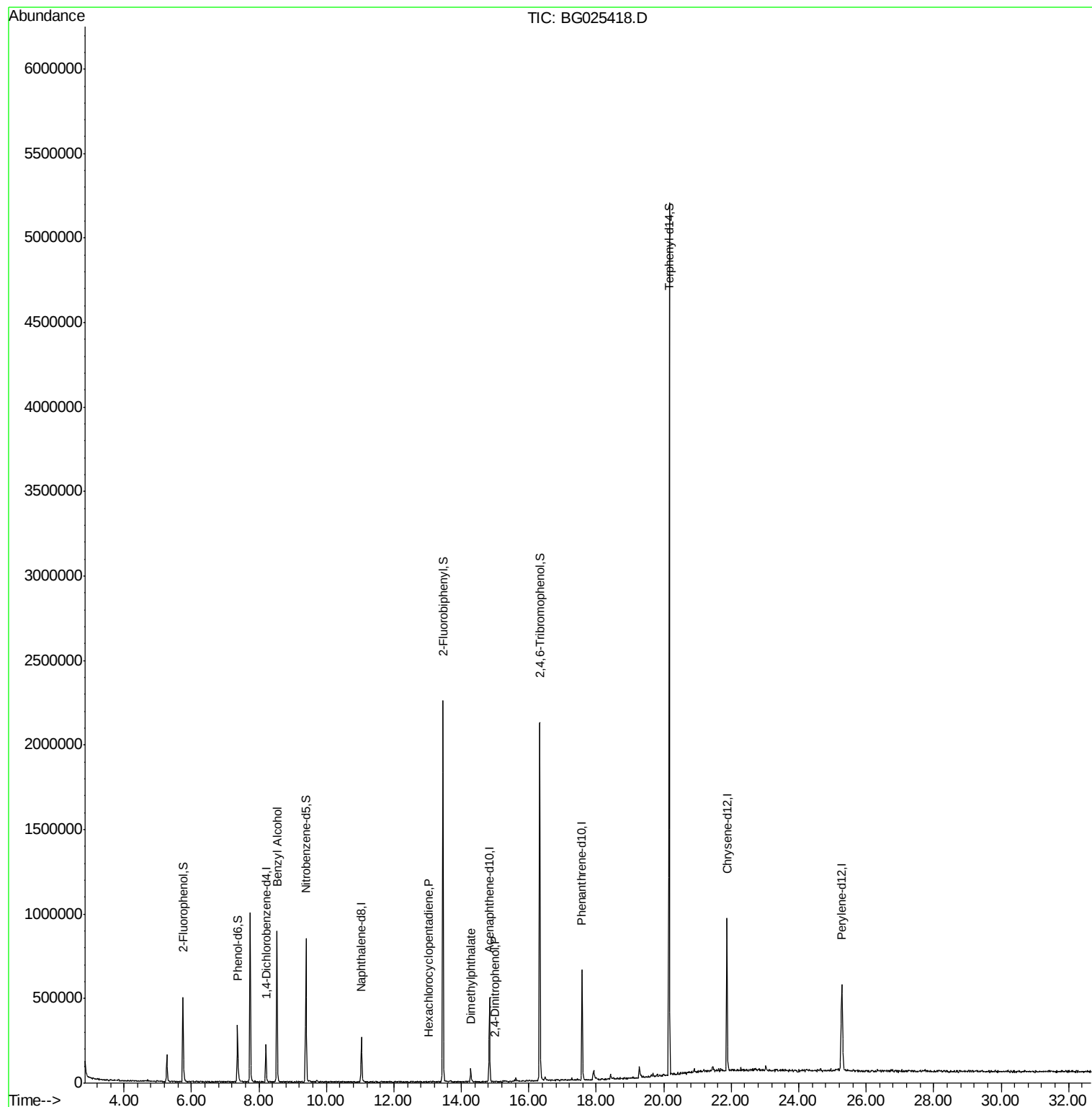
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55425	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	225148	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	181789	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	416733	20.00	ng	0.00
75) Chrysene-d12	21.87	240	598633	20.00	ng	0.00
86) Perylene-d12	25.28	264	642364	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	206354	67.67	ng	0.00
7) Phenol-d6	7.36	99	175882	40.96	ng	0.00
23) Nitrobenzene-d5	9.39	82	528079	103.62	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	440264	150.43	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1145932	102.05	ng	0.00
78) Terphenyl-d14	20.16	244	2166106	95.94	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	10739	2.62	ng	# 73
40) Hexachlorocyclopentadiene	13.02	237	136	8.57	ng	# 29
49) Dimethylphthalate	14.28	163	58021	4.38	ng	# 88
53) 2,4-Dinitrophenol	14.99	184	55	5.10	ng	# 15

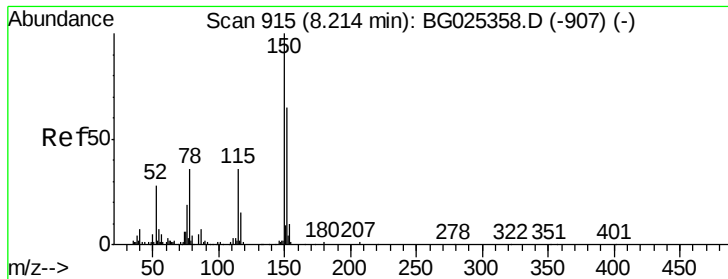
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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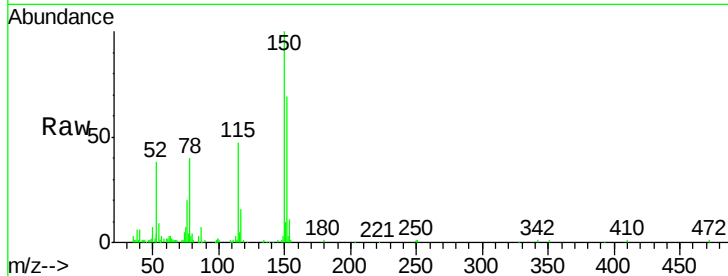


#1

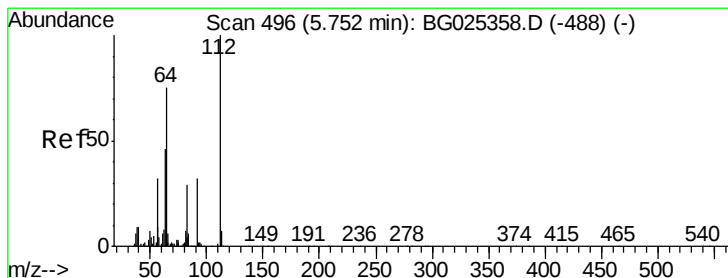
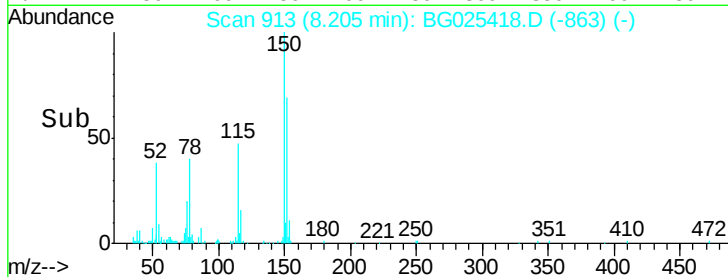
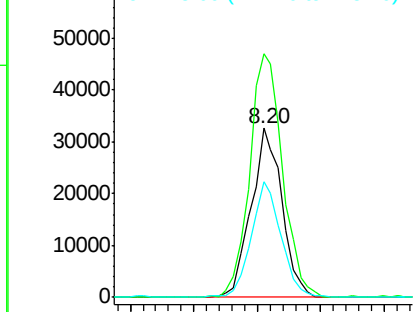
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG025418.D
 Acq: 30 Dec 2016 17:58

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.2	114.0	171.0
115	68.2	48.1	72.1



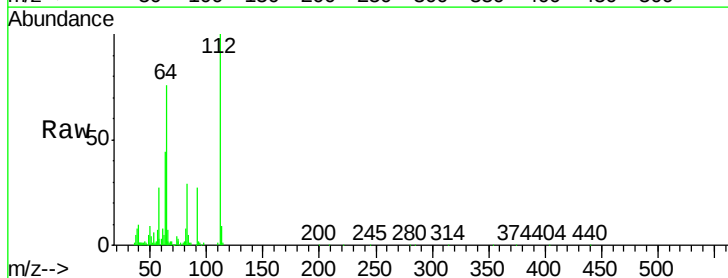
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



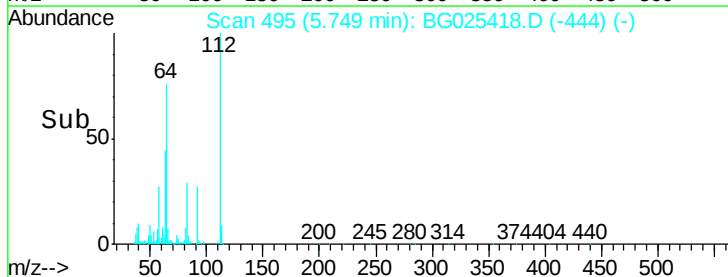
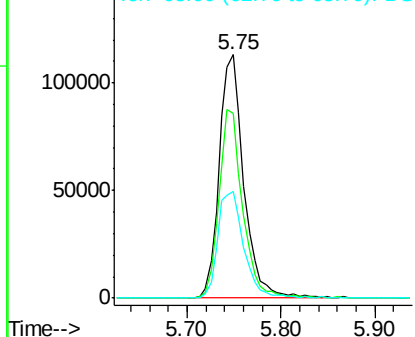
#5

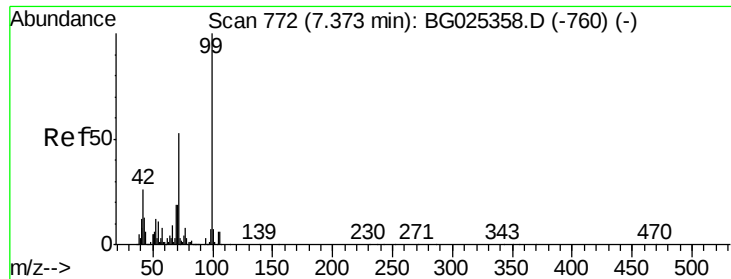
2-Fluorophenol
 Concen: 67.67 ng
 RT: 5.75 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BG025418.D
 Acq: 30 Dec 2016 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.1	61.8	92.6
63	43.6	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 40.96 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

Instrument :

BNA_G

ClientSampleId :

MW-24

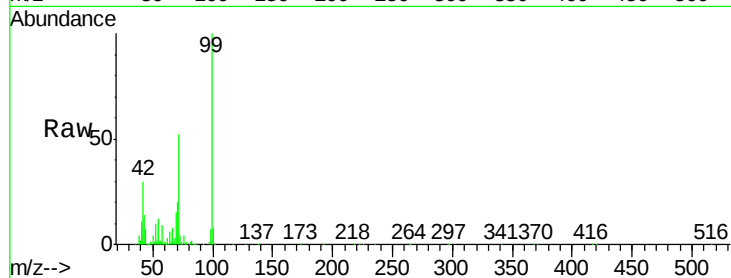
Tgt Ion: 99 Resp: 175882

Ion Ratio Lower Upper

99 100

42 29.5 20.5 30.7

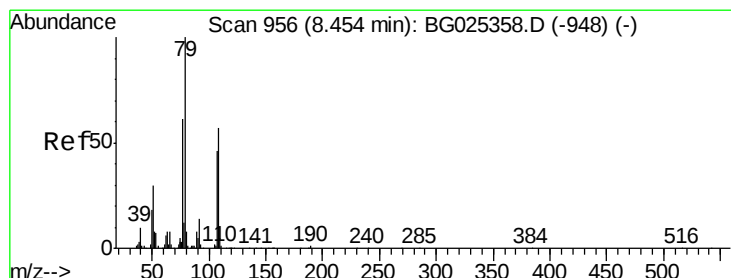
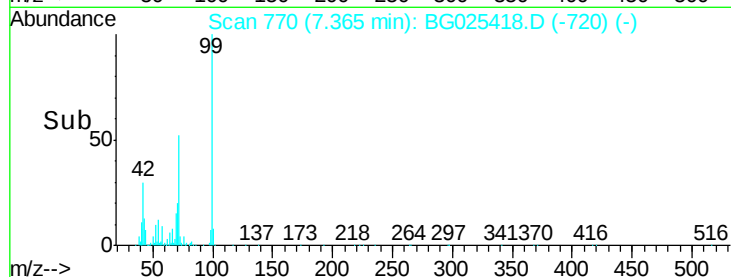
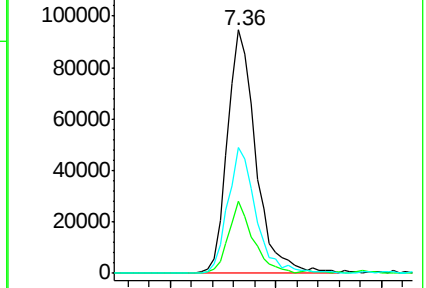
71 51.8 37.6 56.4



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: 2.62 ng

RT: 8.53 min Scan# 968

Delta R.T. 0.07 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

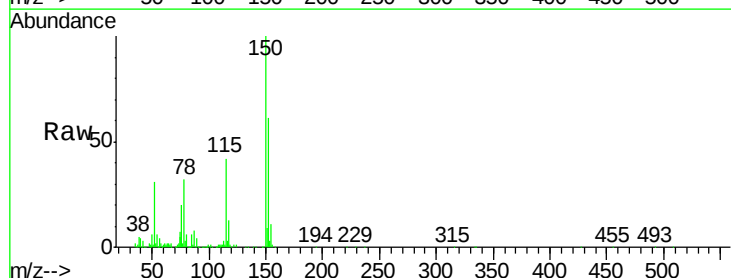
Tgt Ion: 79 Resp: 10739

Ion Ratio Lower Upper

79 100

108 27.8 45.5 68.3#

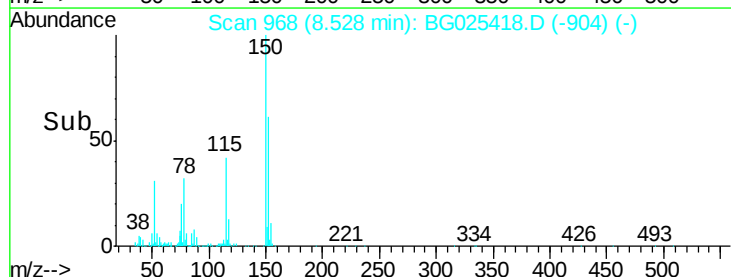
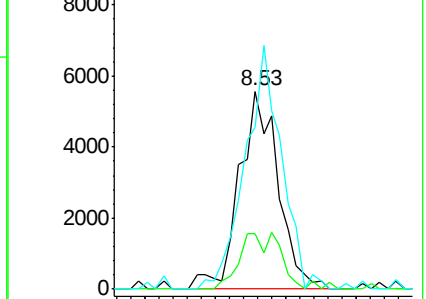
77 81.9 54.3 81.5#

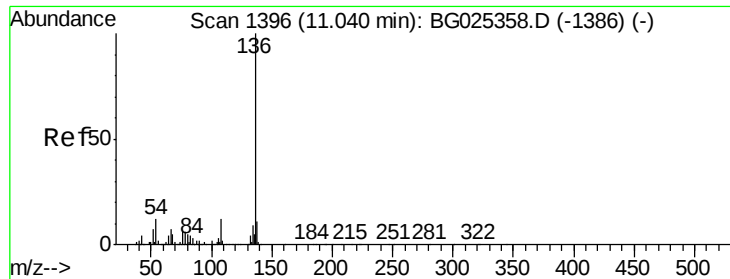


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

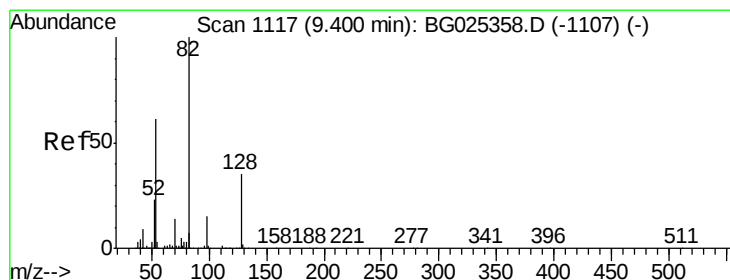
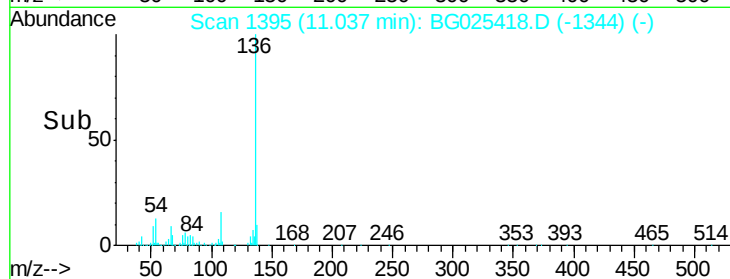
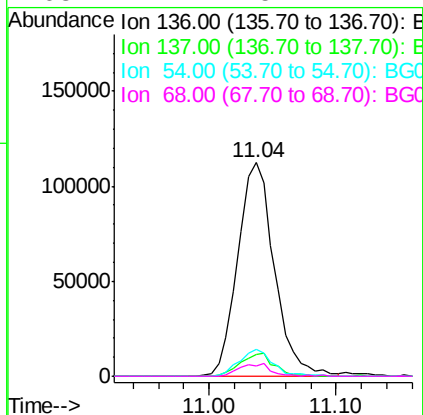
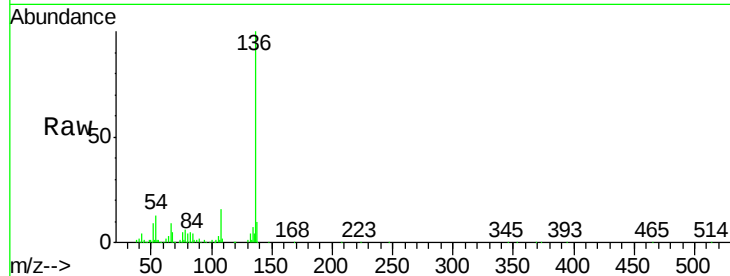




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG025418.D
Acq: 30 Dec 2016 17:58

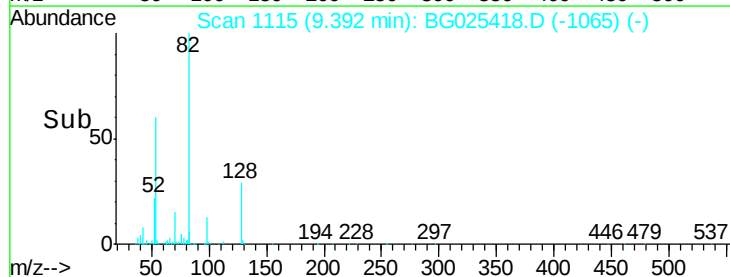
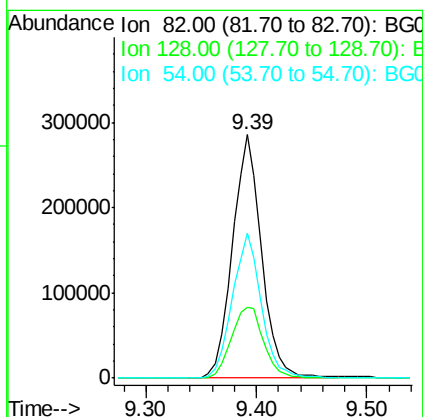
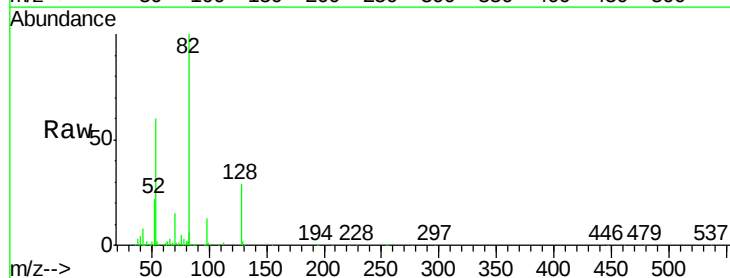
Instrument :
BNA_G
ClientSampleId :
MW-24

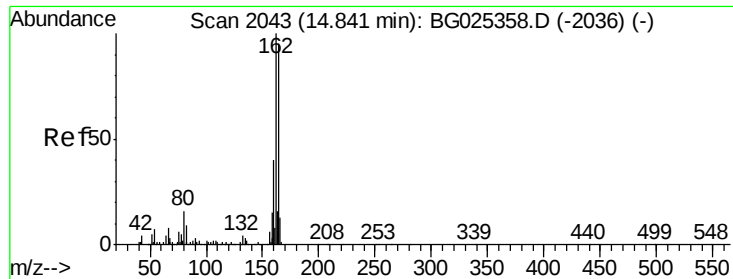
Tgt Ion:	136	Resp:	225148
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	12.7	9.3	13.9
68	4.7	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 103.62 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025418.D
Acq: 30 Dec 2016 17:58

Tgt Ion:	82	Resp:	528079
Ion	Ratio	Lower	Upper
82	100		
128	29.2	26.4	39.6
54	59.8	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: BG025418.D

Acq: 30 Dec 2016 17:58

Instrument :

BNA_G

ClientSampleId :

MW-24

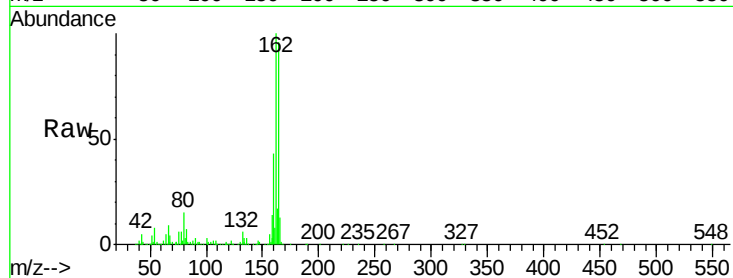
Tgt Ion:164 Resp: 181789

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

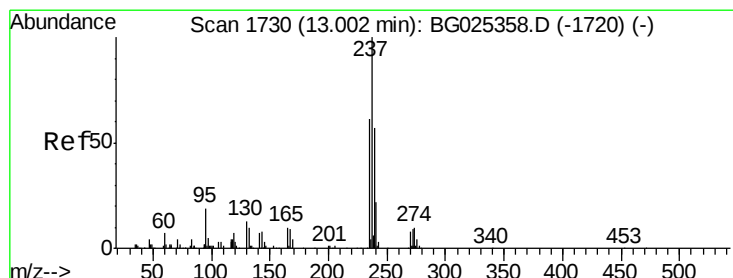
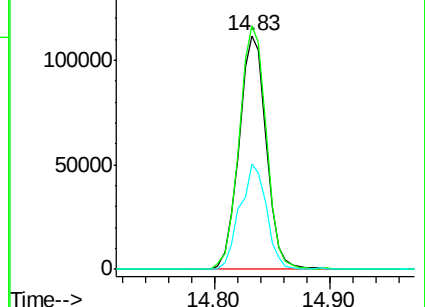
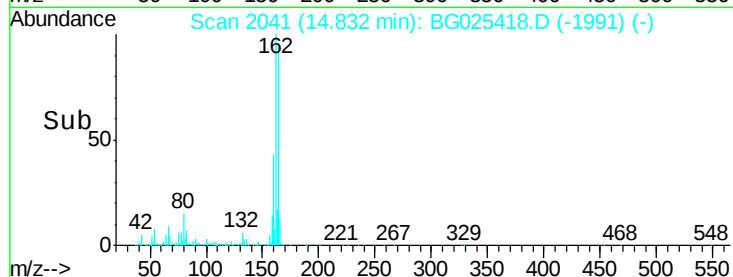
160 45.2 34.7 52.1



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: 8.57 ng

RT: 13.02 min Scan# 1733

Delta R.T. 0.02 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

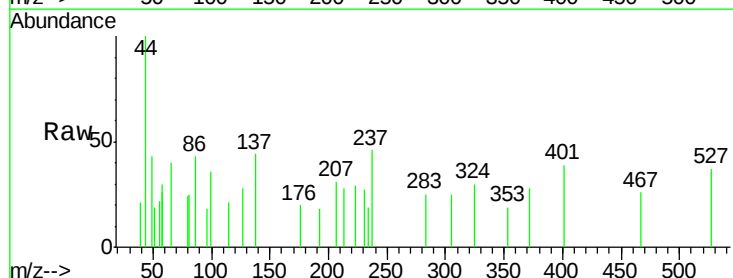
Tgt Ion:237 Resp: 136

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

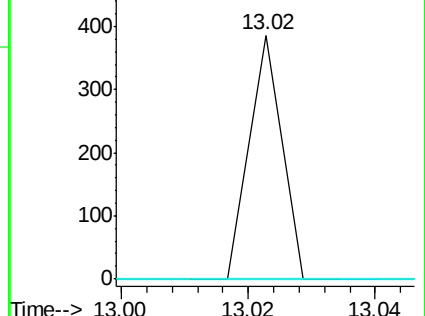
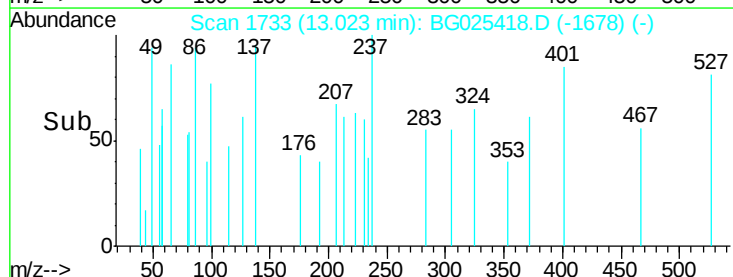
272 0.0 0.0 32.0

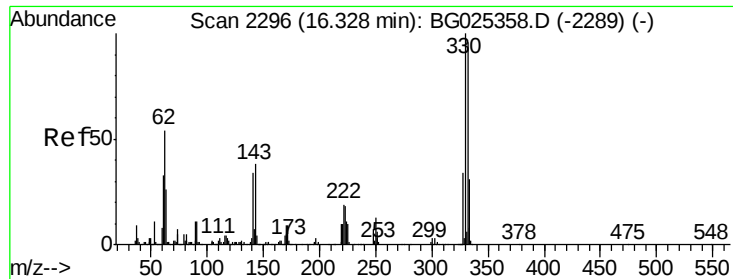


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

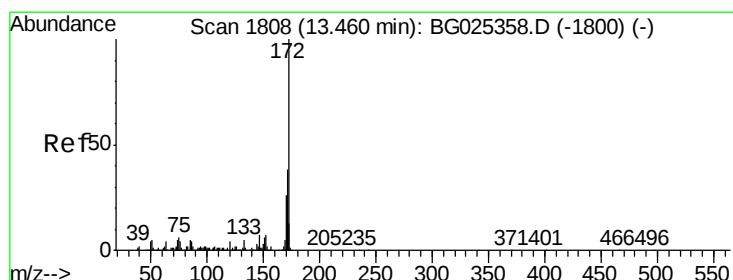
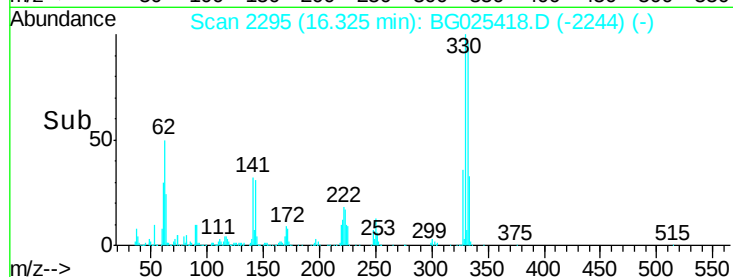
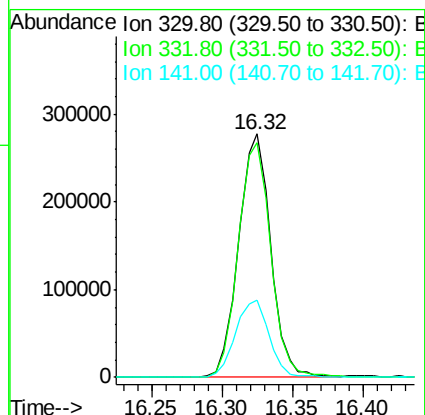
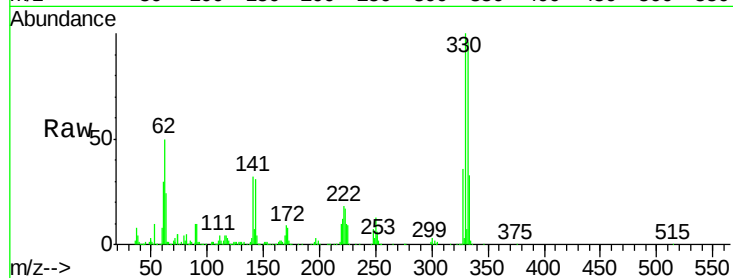




#41
 2,4,6-Tribromophenol
 Concen: 150.43 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG025418.D
 Acq: 30 Dec 2016 17:58

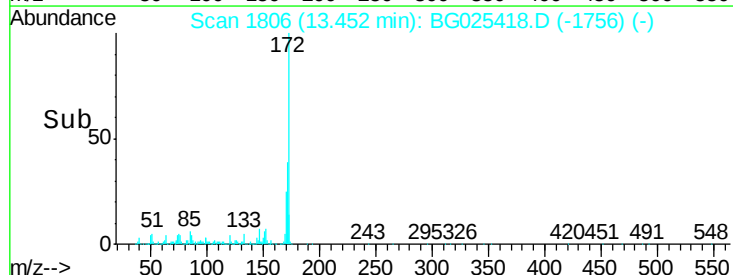
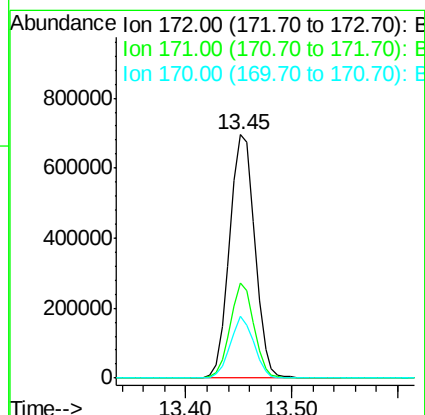
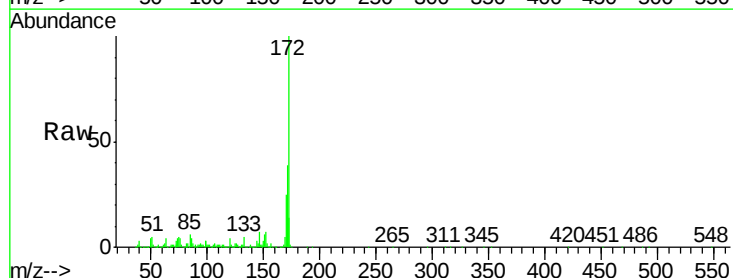
Instrument :
 BNA_G
 ClientSampled :
 MW-24

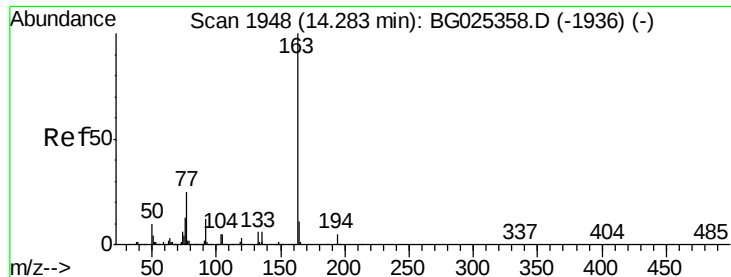
Tgt Ion:330 Resp: 440264
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 33.3 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 102.05 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025418.D
 Acq: 30 Dec 2016 17:58

Tgt Ion:172 Resp: 1145932
 Ion Ratio Lower Upper
 172 100
 171 38.9 32.2 48.2
 170 25.3 21.8 32.6





#49

Dimethylphthalate

Concen: 4.38 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

Instrument :

BNA_G

ClientSampleId :

MW-24

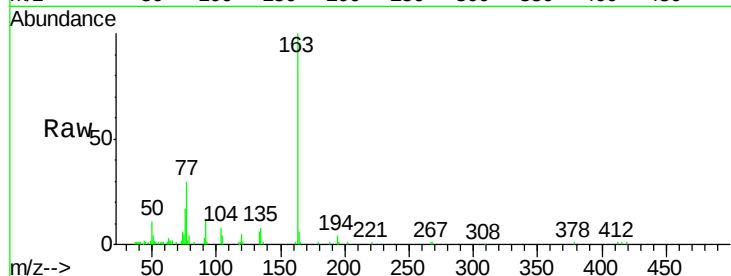
Tgt Ion:163 Resp: 58021

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

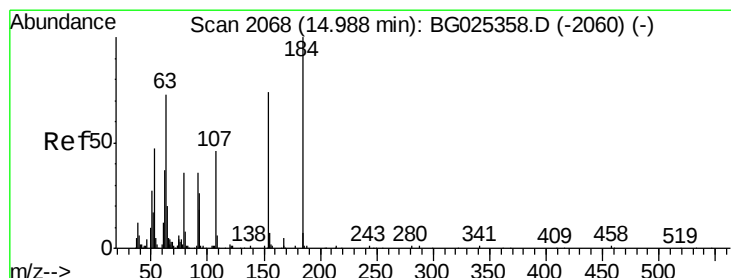
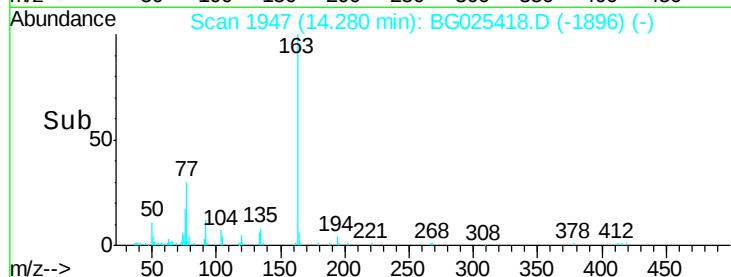
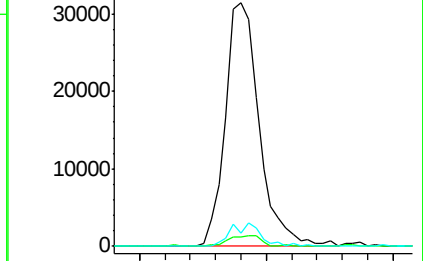
164 5.5 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 5.10 ng

RT: 14.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

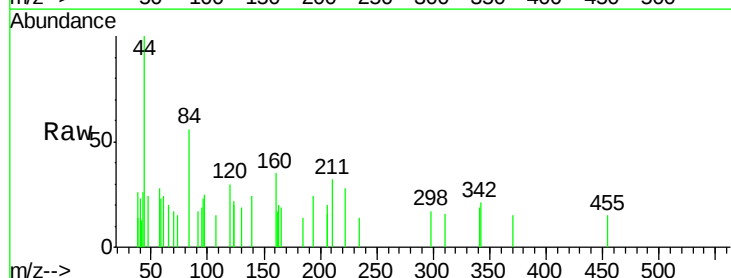
Tgt Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

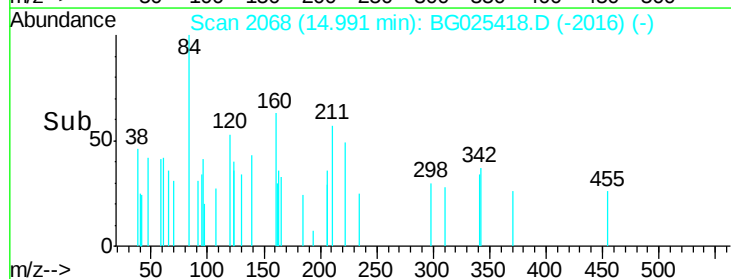
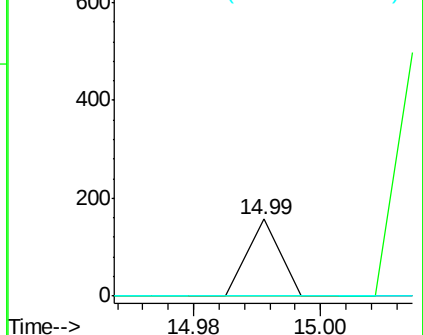
154 0.0 57.3 85.9#

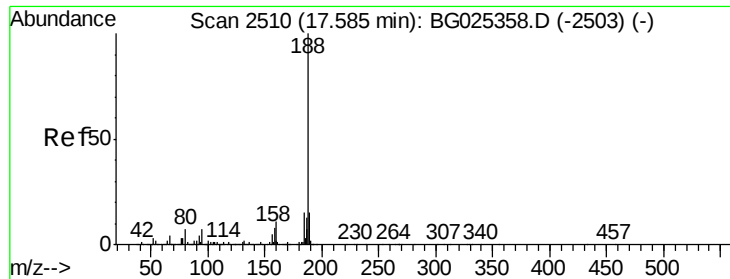


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

Instrument :

BNA_G

ClientSampleId :

MW-24

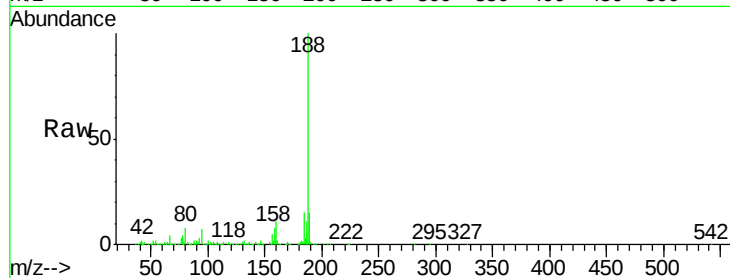
Tgt Ion:188 Resp: 416733

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

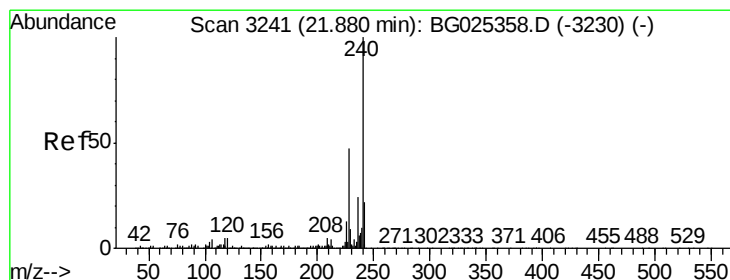
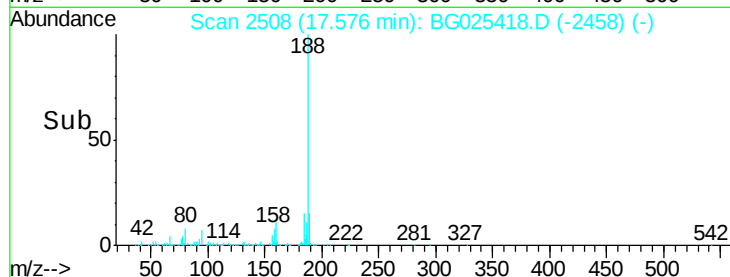
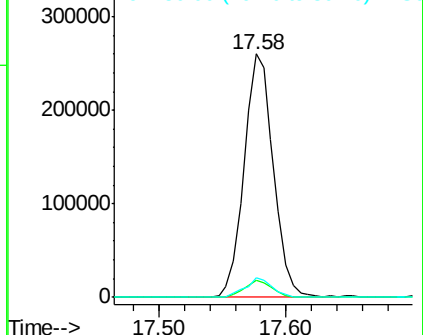
80 8.3 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

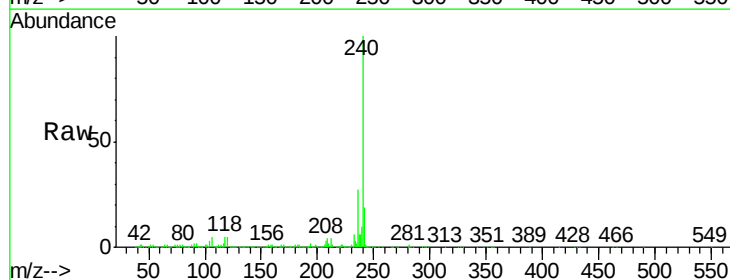
Tgt Ion:240 Resp: 598633

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

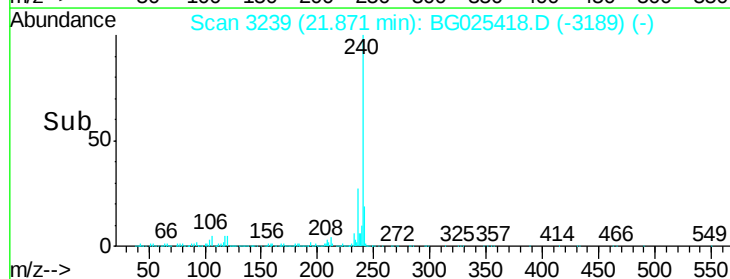
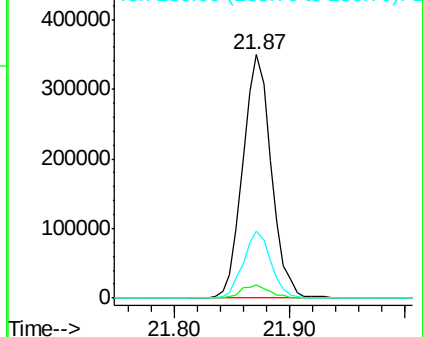
236 27.4 22.2 33.4

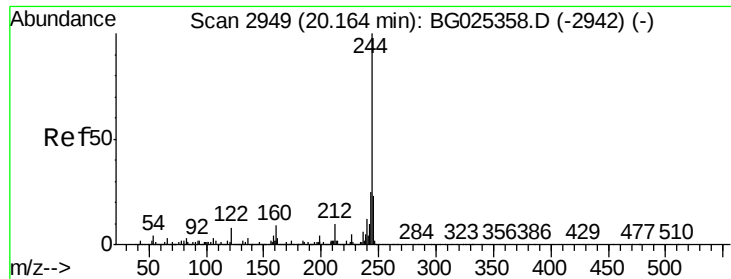


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.94 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

Instrument :

BNA_G

ClientSampleId :

MW-24

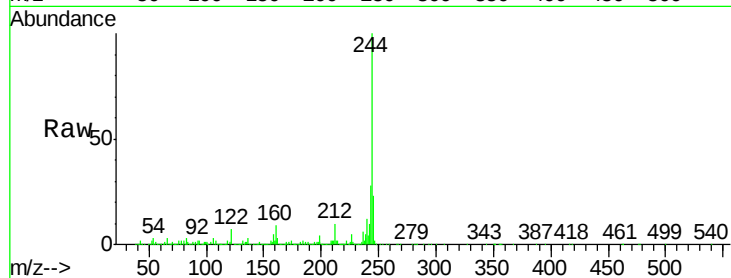
Tgt Ion:244 Resp: 2166106

Ion Ratio Lower Upper

244 100

212 9.7 10.0 15.0#

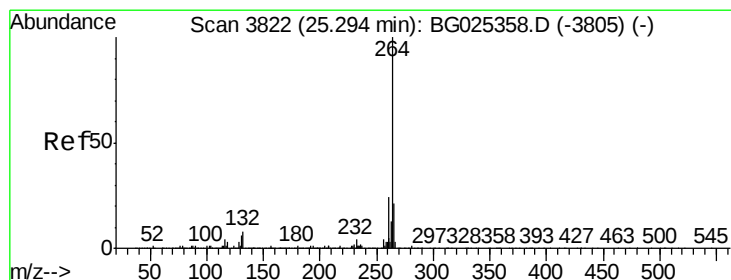
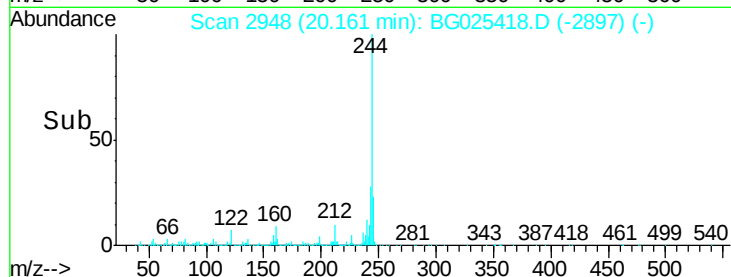
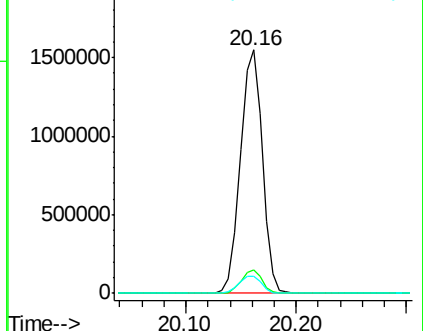
122 6.9 8.6 12.8#



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: 25.28 min Scan# 3819

Delta R.T. -0.01 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

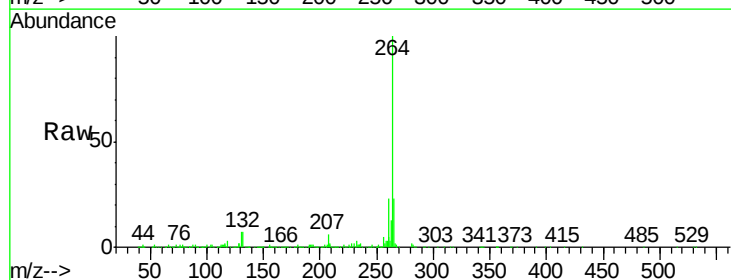
Tgt Ion:264 Resp: 642364

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 23.2 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

