

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
 Data File : BG025422.D
 Acq On : 30 Dec 2016 20:36
 Operator : UM/SJ
 Sample : H6318-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-38

Quant Time: Dec 30 22:12:29 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

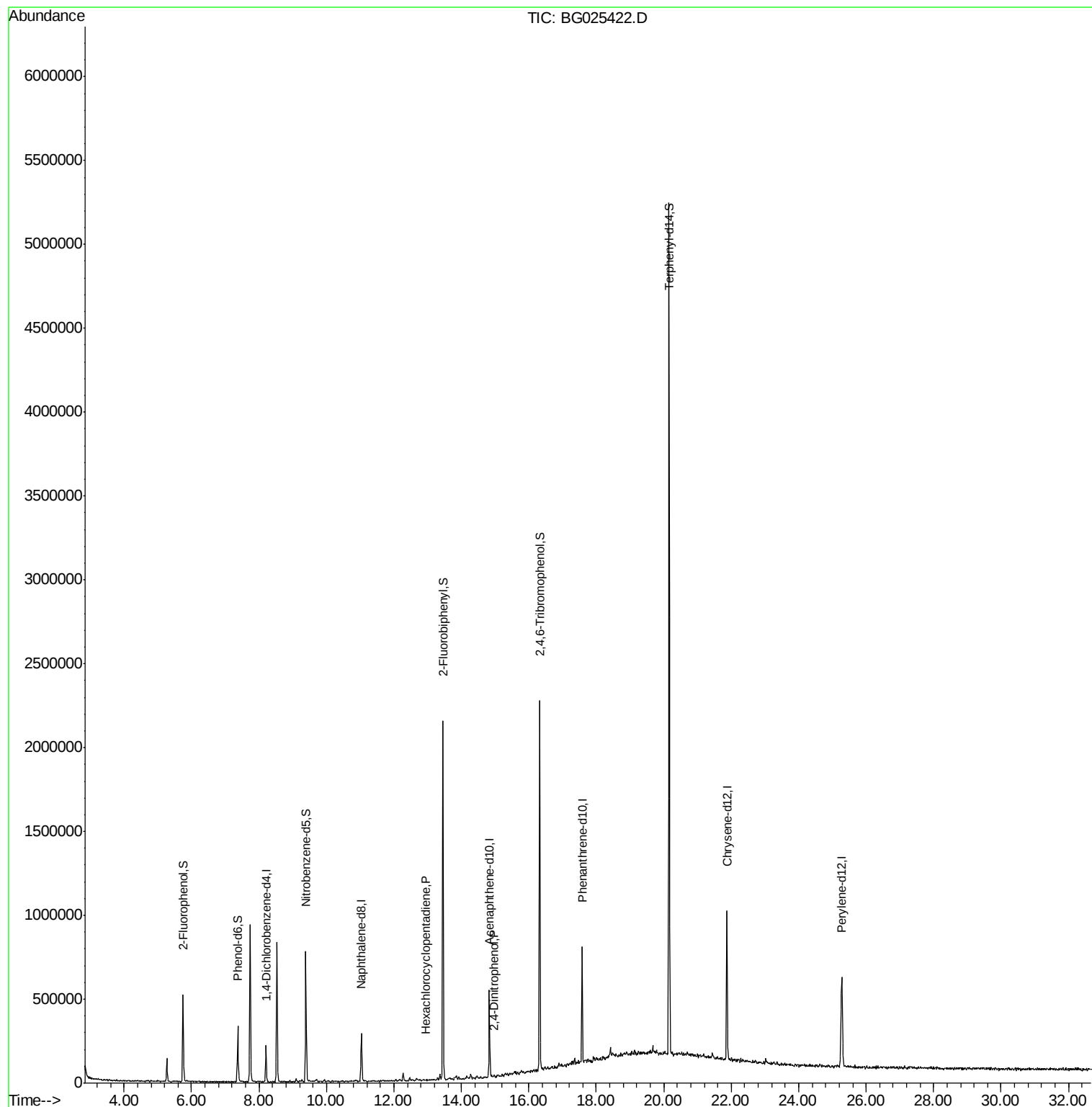
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	55869	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	226773	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	186656	20.00	ng	-0.01
63) Phenanthrene-d10	17.58	188	408504	20.00	ng	0.00
75) Chrysene-d12	21.87	240	613049	20.00	ng	-0.01
86) Perylene-d12	25.28	264	680211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	203425	66.18	ng	0.00
7) Phenol-d6	7.37	99	180103	41.61	ng	0.00
23) Nitrobenzene-d5	9.39	82	484990	94.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	442358	147.20	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1092908	94.79	ng	0.00
78) Terphenyl-d14	20.16	244	2065658	89.34	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.96	237	54	8.53	ng	# 29
53) 2,4-Dinitrophenol	14.96	184	180	5.16	ng	# 15

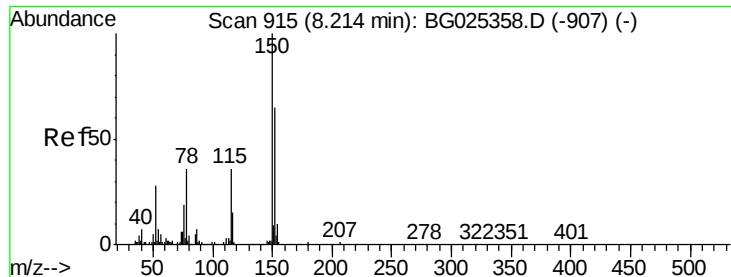
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

Instrument :

BNA_G

ClientSampleId :

MW-38

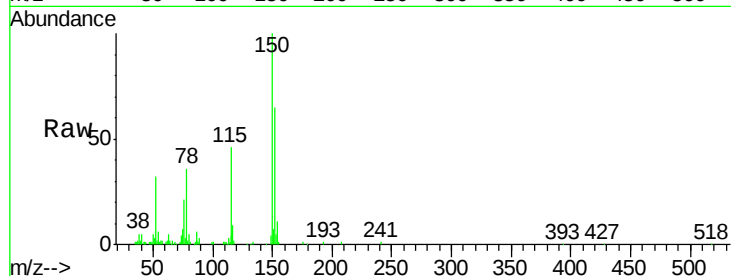
Tgt Ion:152 Resp: 55869

Ion Ratio Lower Upper

152 100

150 152.8 114.0 171.0

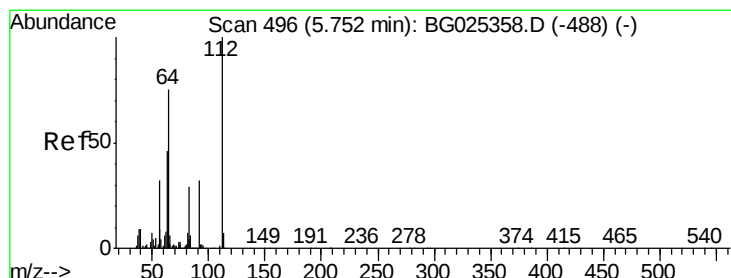
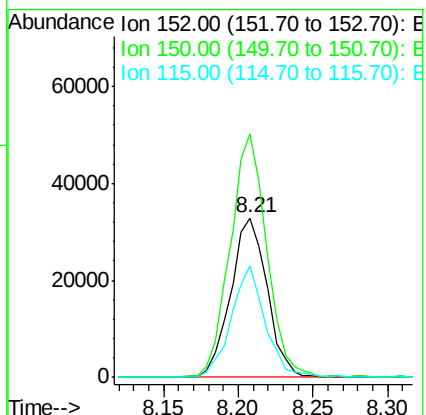
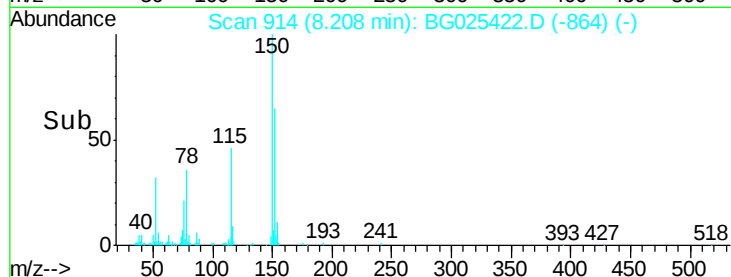
115 70.4 48.1 72.1



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: 66.18 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

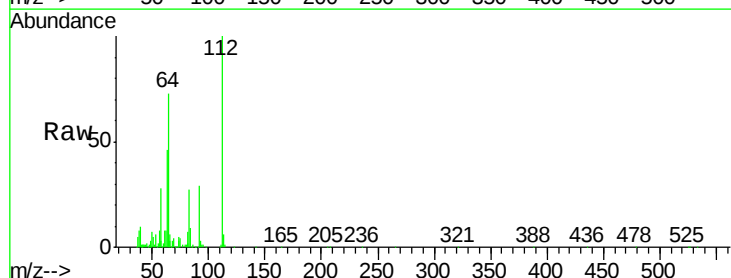
Tgt Ion:112 Resp: 203425

Ion Ratio Lower Upper

112 100

64 73.3 61.8 92.6

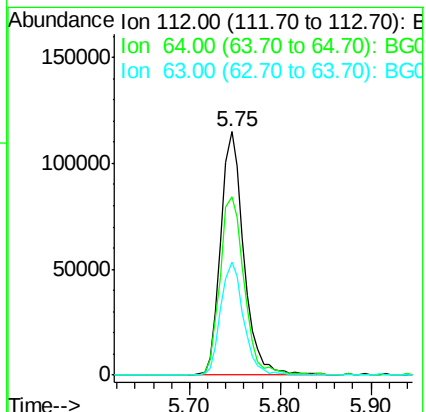
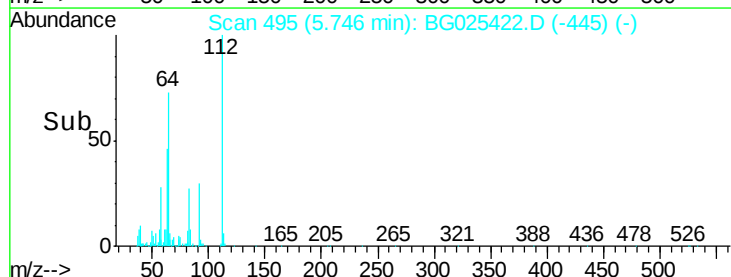
63 46.2 37.2 55.8

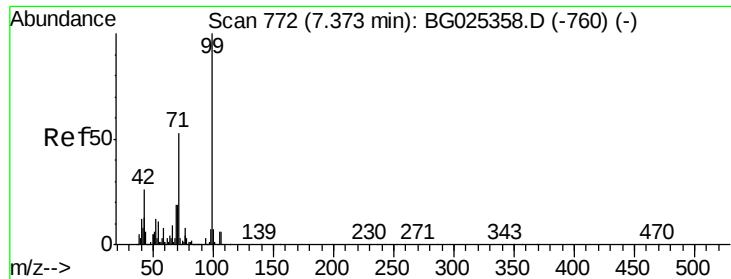


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.61 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

Instrument :

BNA_G

ClientSampleId :

MW-38

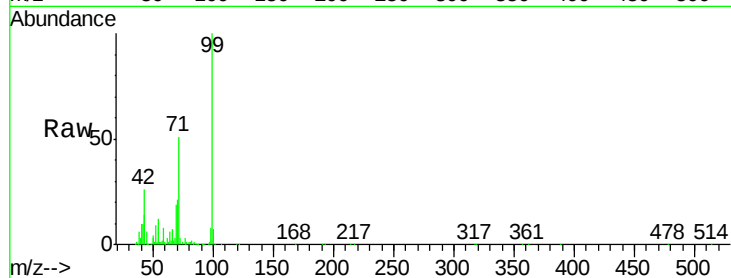
Tgt Ion: 99 Resp: 180103

Ion Ratio Lower Upper

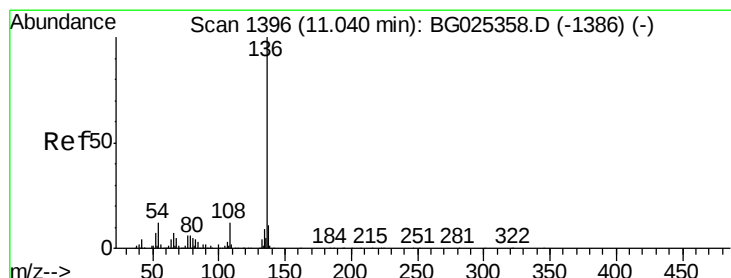
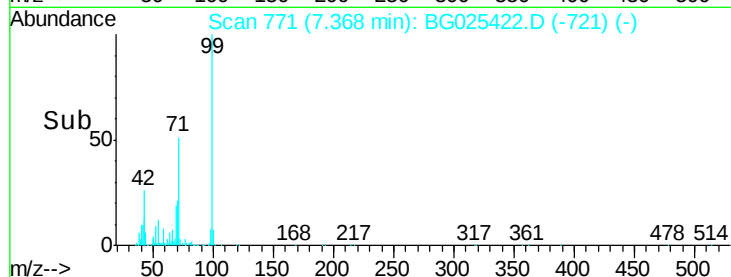
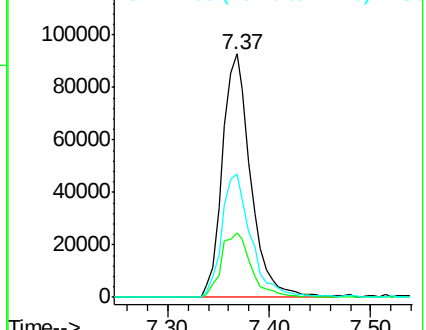
99 100

42 26.2 20.5 30.7

71 50.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

Tgt Ion: 136 Resp: 226773

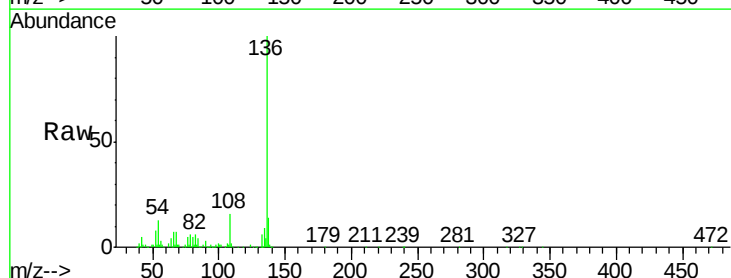
Ion Ratio Lower Upper

136 100

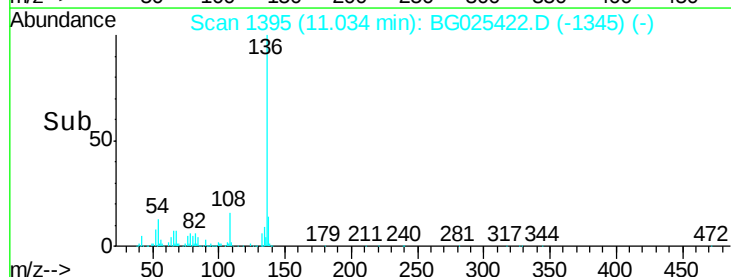
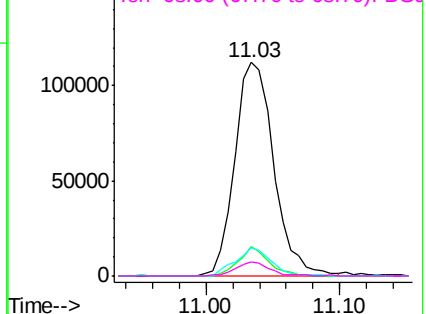
137 13.8 8.9 13.3#

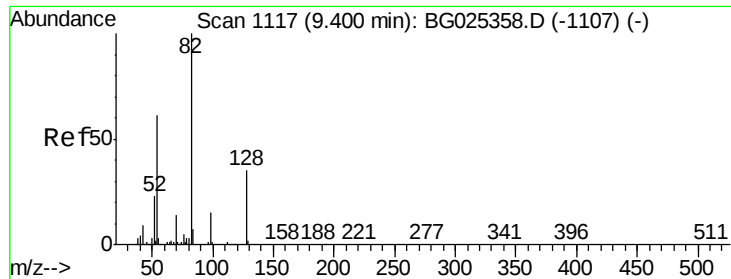
54 13.4 9.3 13.9

68 6.8 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

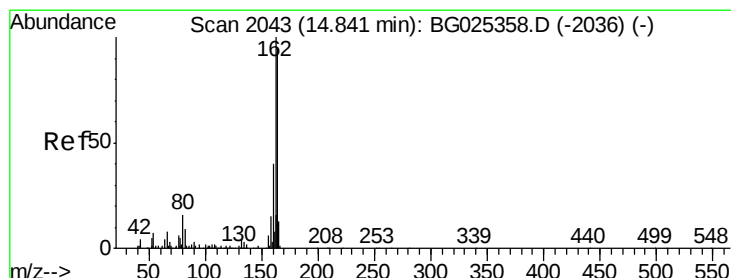
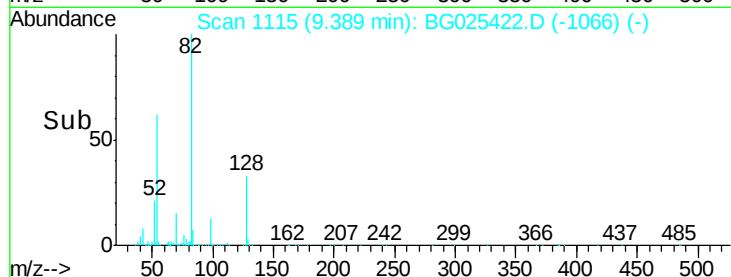
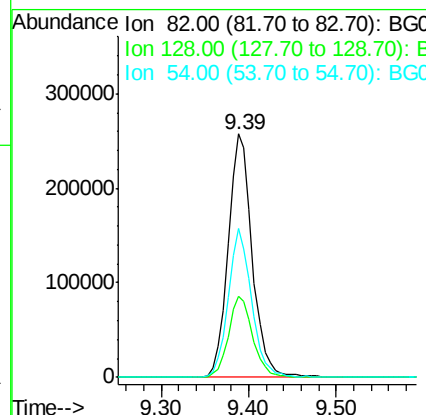
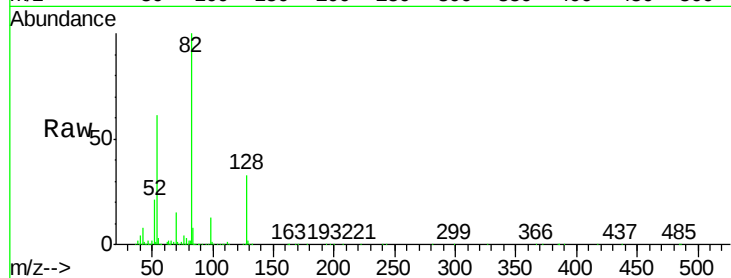




#23
Nitrobenzene-d5
Concen: 94.48 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025422.D
Acq: 30 Dec 2016 20:36

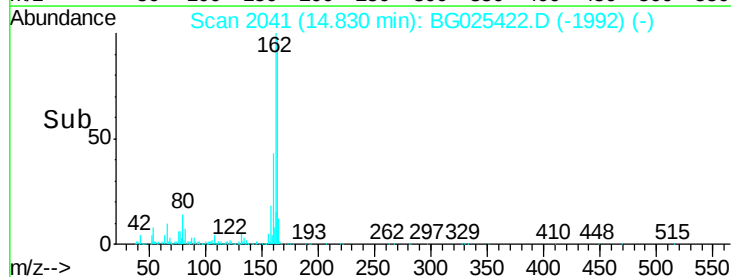
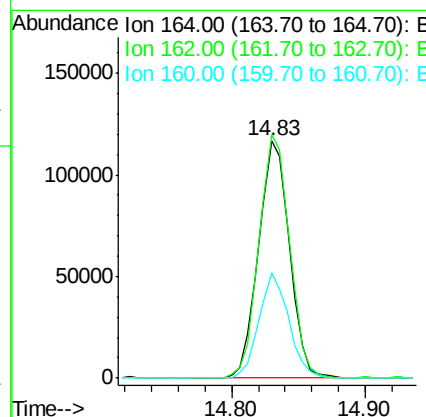
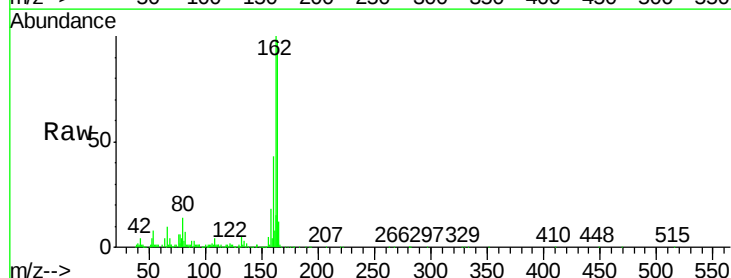
Instrument :
BNA_G
ClientSampleId :
MW-38

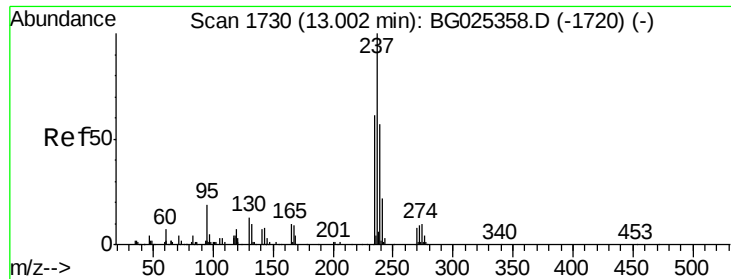
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.1	26.4	39.6
54	61.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG025422.D
Acq: 30 Dec 2016 20:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.1	127.7
160	44.1	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 8.53 ng

RT: 12.96 min Scan# 1723

Delta R.T. -0.04 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

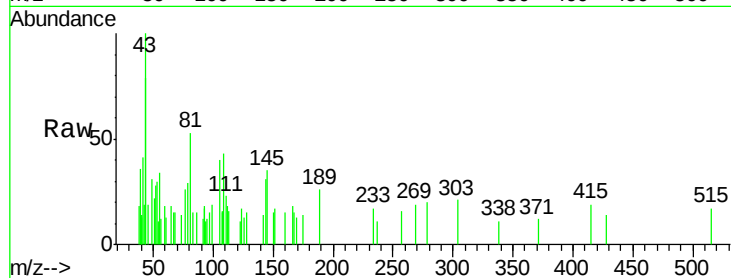
Instrument :

BNA_G

ClientSampled :

MW-38

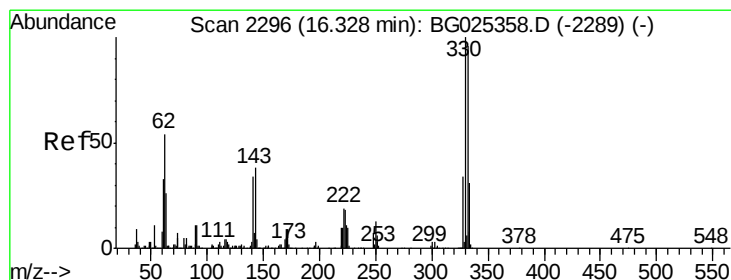
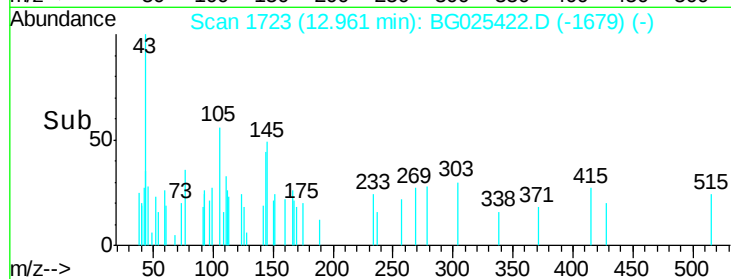
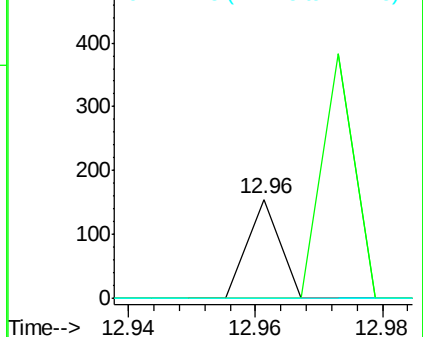
Tgt Ion:	237	Resp:	54
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



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: 147.20 ng

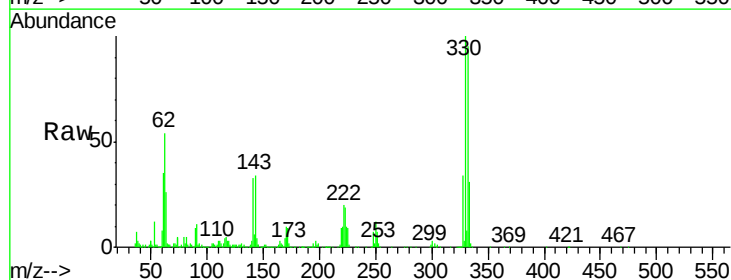
RT: 16.32 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

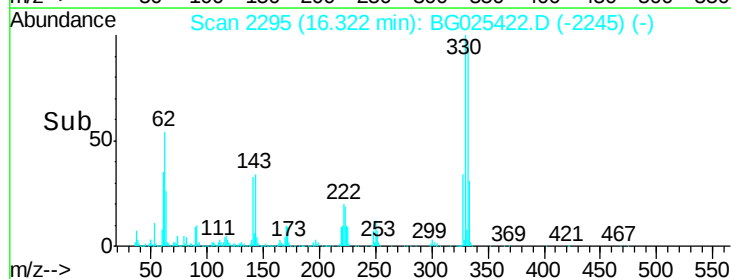
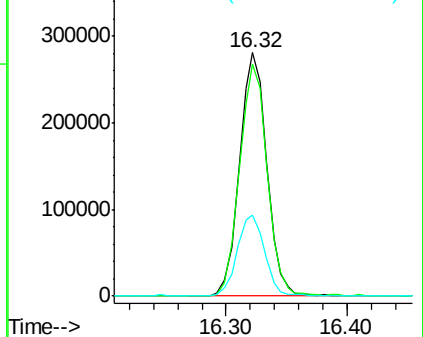
Tgt Ion:	330	Resp:	442358
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.5	32.1	48.1

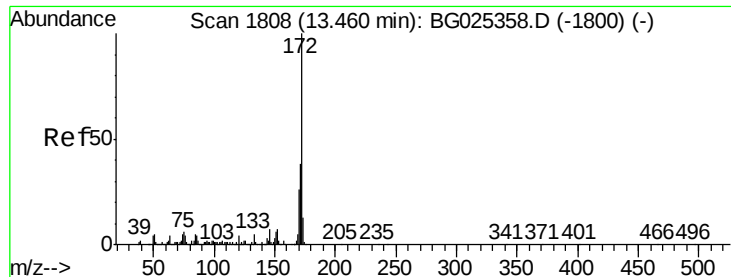


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

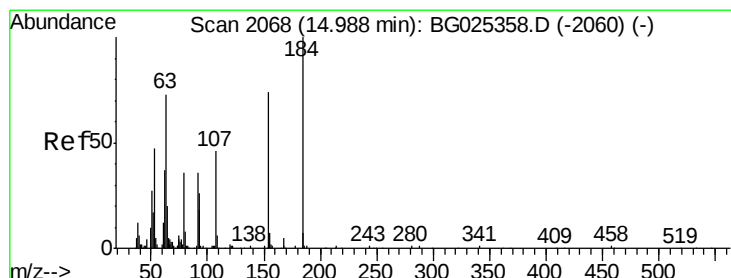
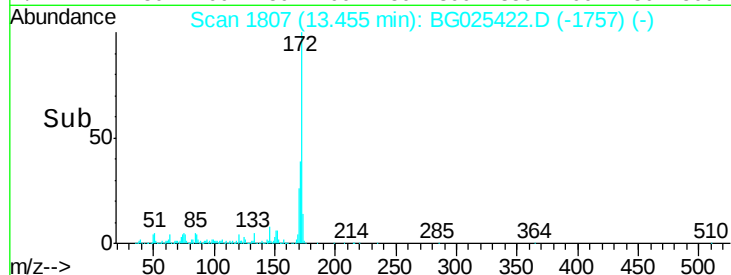
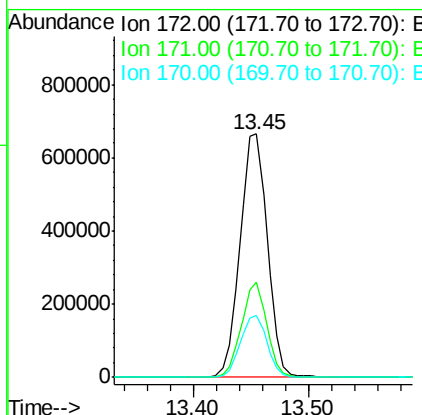
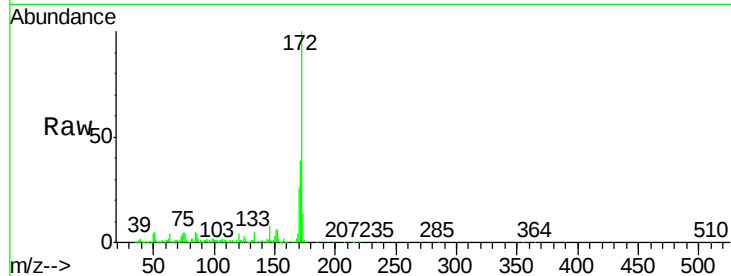




#44
2-Fluorobiphenyl
Concen: 94.79 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BG025422.D
Acq: 30 Dec 2016 20:36

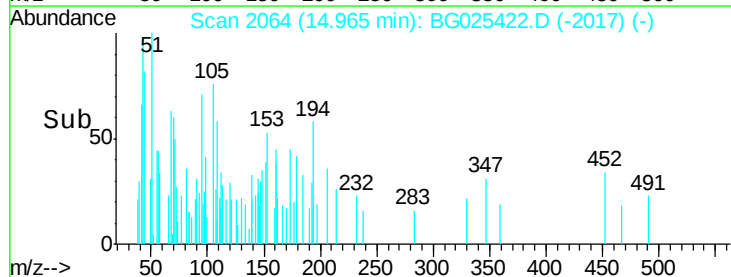
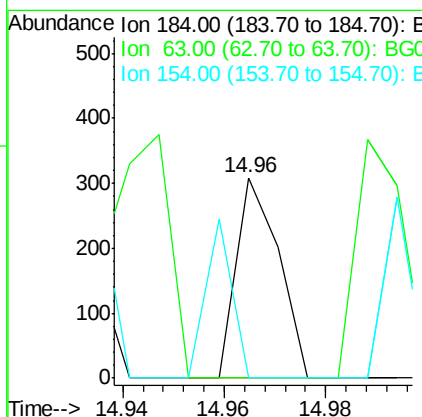
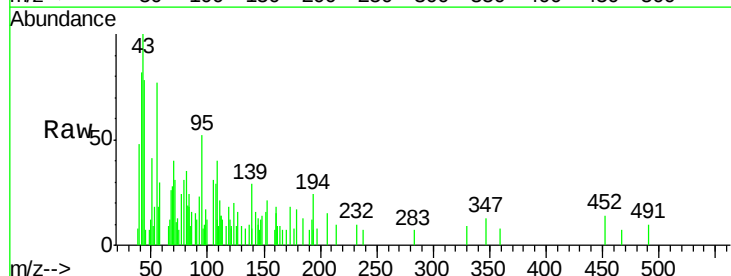
Instrument :
BNA_G
ClientSampleId :
MW-38

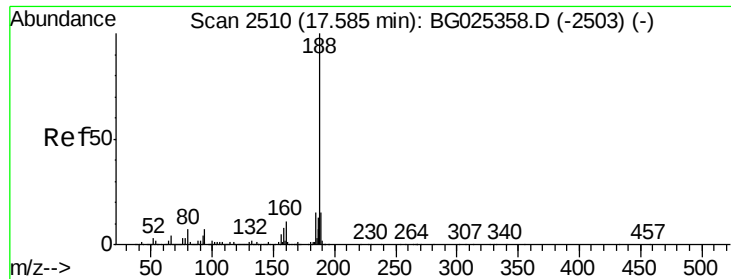
Tgt Ion:172 Resp: 1092908
Ion Ratio Lower Upper
172 100
171 38.9 32.2 48.2
170 25.7 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 5.16 ng
RT: 14.96 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BG025422.D
Acq: 30 Dec 2016 20:36

Tgt Ion:184 Resp: 180
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: 17.58 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

Instrument :

BNA_G

ClientSampleId :

MW-38

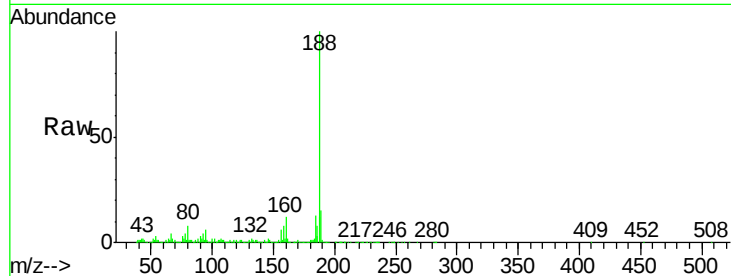
Tgt Ion:188 Resp: 408504

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

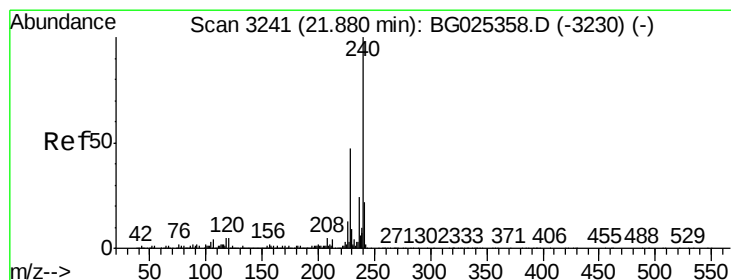
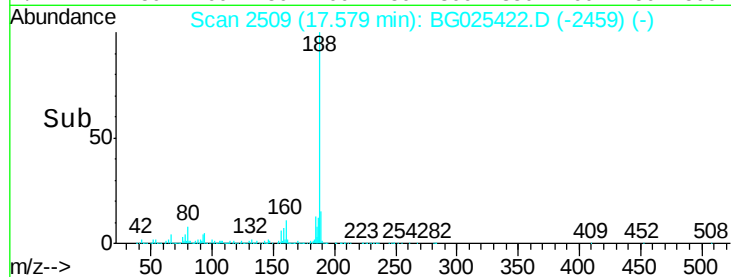
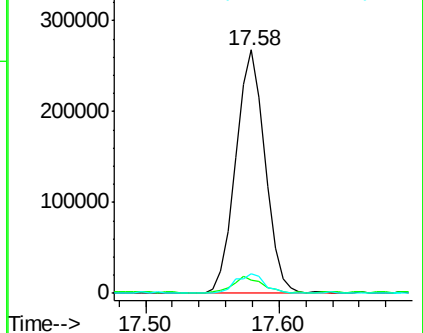
80 8.1 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

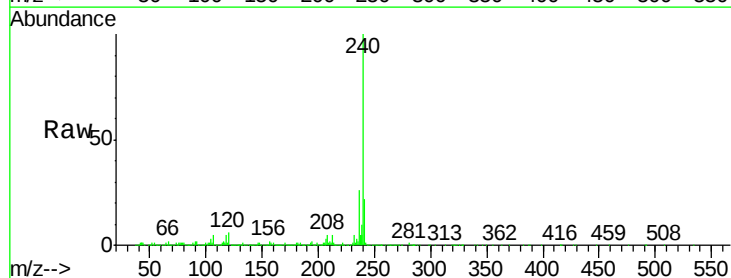
Tgt Ion:240 Resp: 613049

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

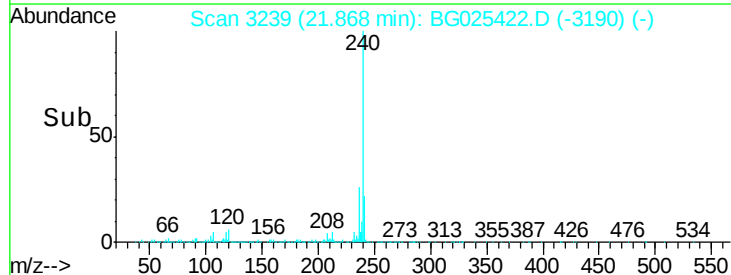
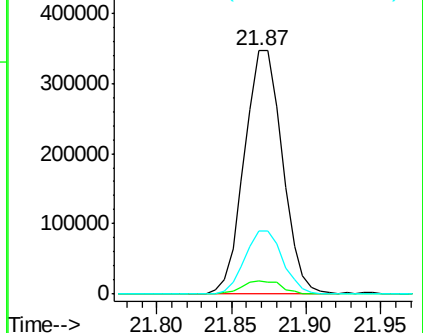
236 25.9 22.2 33.4

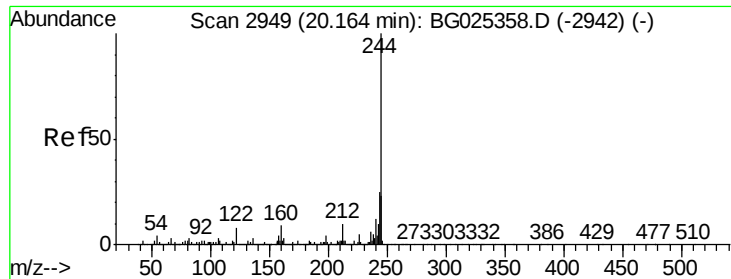


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.34 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

Instrument :

BNA_G

ClientSampleId :

MW-38

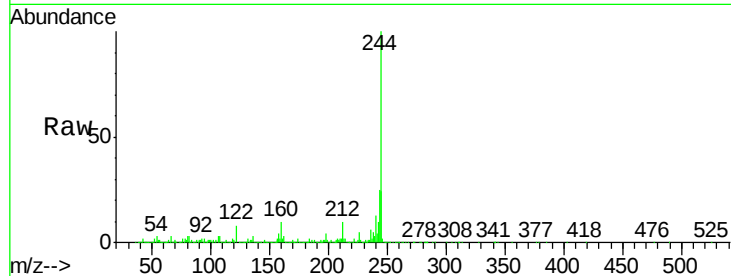
Tgt Ion:244 Resp: 2065658

Ion Ratio Lower Upper

244 100

212 9.7 10.0 15.0#

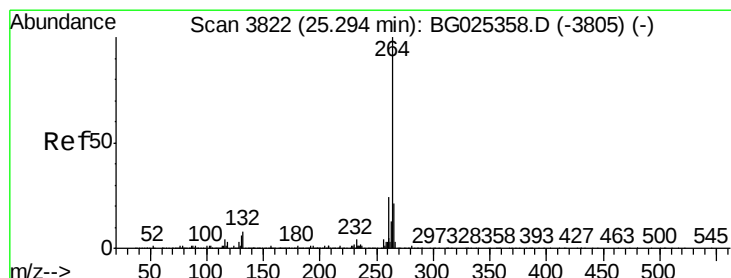
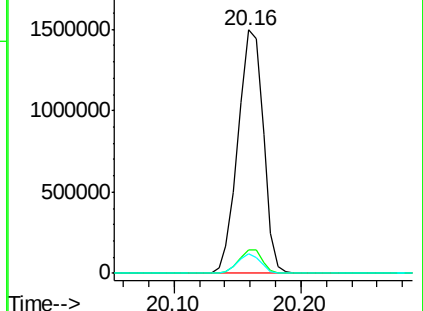
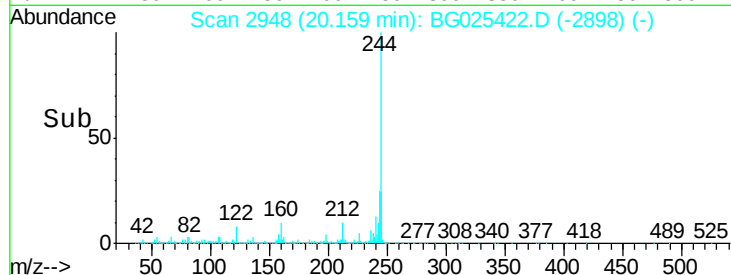
122 8.3 8.6 12.8#



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# 3820

Delta R.T. -0.01 min

Lab File: BG025422.D

Acq: 30 Dec 2016 20:36

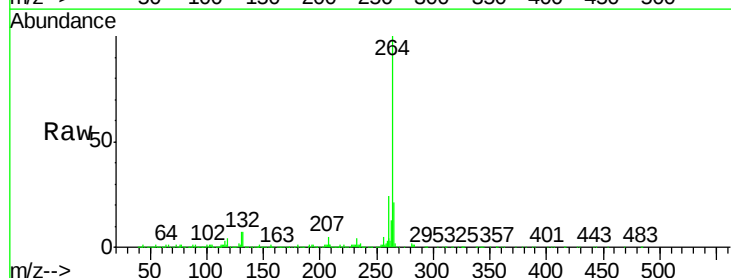
Tgt Ion:264 Resp: 680211

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.1 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

