

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022587.D
 Acq On : 25 Jun 2016 23:26
 Operator : UM/SJ
 Sample : H3698-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-22

Quant Time: Jun 26 06:49:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

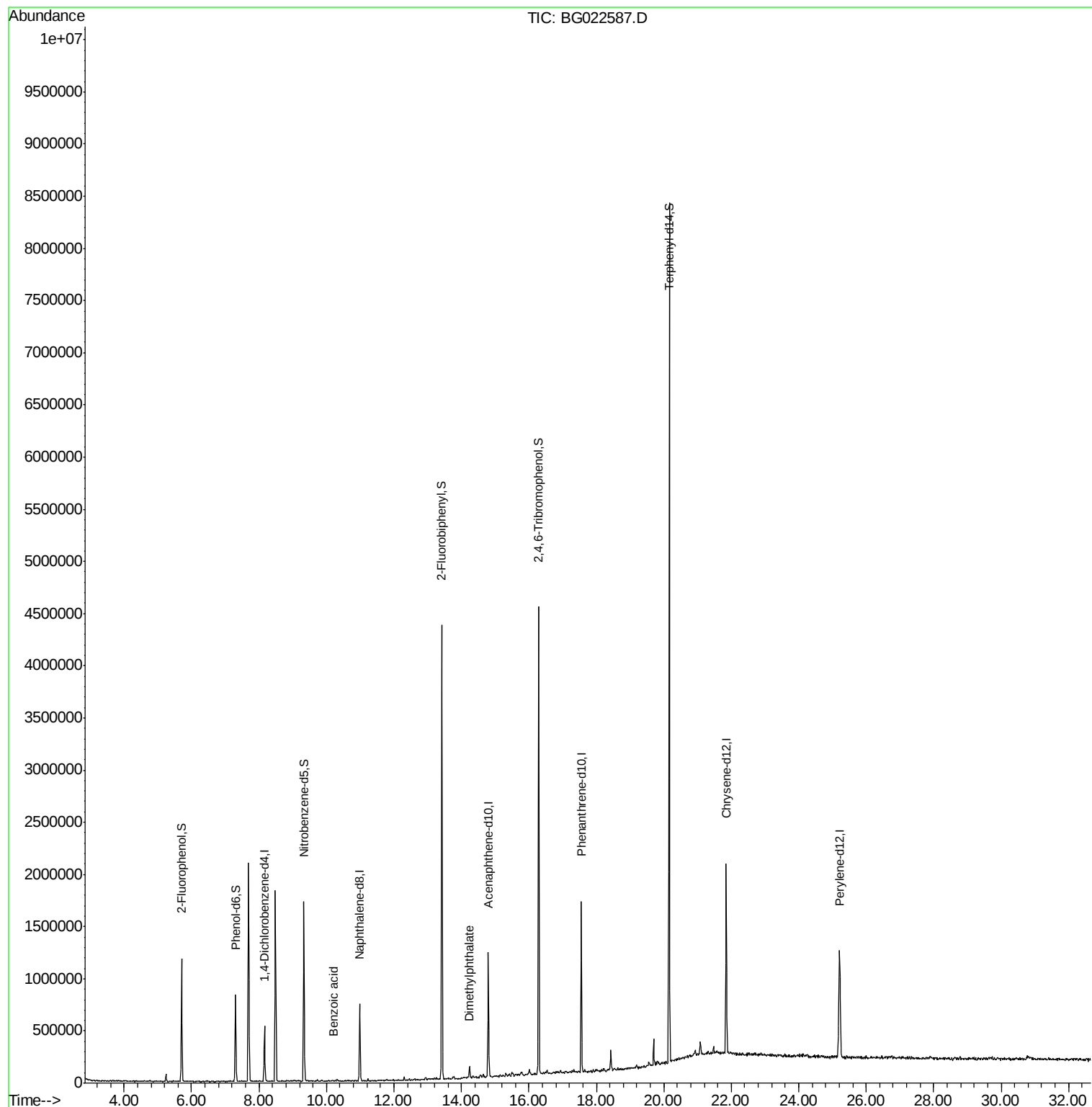
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	132055	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	567460	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	400160	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1022461	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1181432	20.00	ng	0.00
86) Perylene-d12	25.21	264	1222584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	470691	57.17	ng	0.00
7) Phenol-d6	7.31	99	437704	37.72	ng	0.00
23) Nitrobenzene-d5	9.33	82	1091238	81.39	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	806095	128.07	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2054049	81.40	ng	0.00
78) Terphenyl-d14	20.16	244	3026010	67.86	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	141	5.13	ng	Qvalue # 1
49) Dimethylphthalate	14.24	163	70572	2.13	ng	97

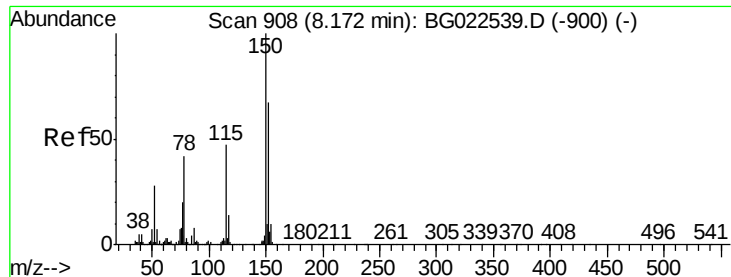
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Instrument :

BNA_G

ClientSampleId :

W-22

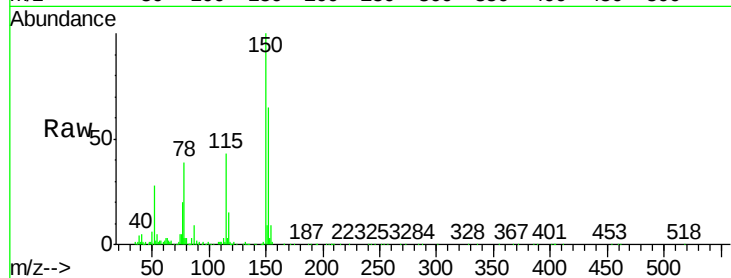
Tgt Ion:152 Resp: 132055

Ion Ratio Lower Upper

152 100

150 153.5 144.7 217.1

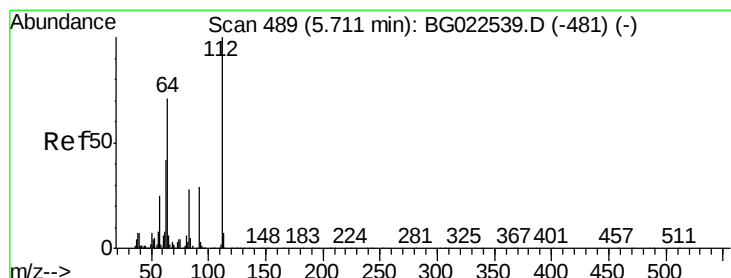
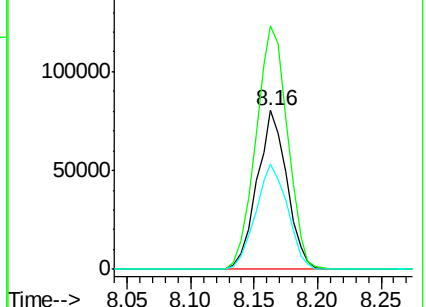
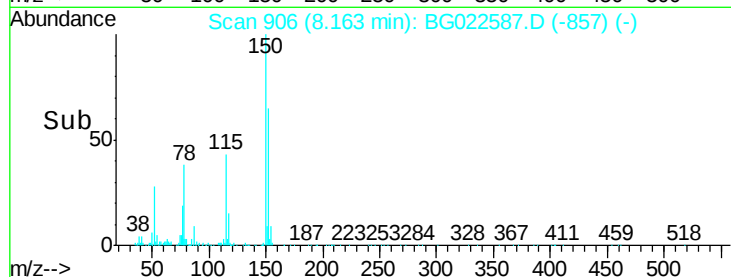
115 66.3 64.0 96.0



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: 57.17 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

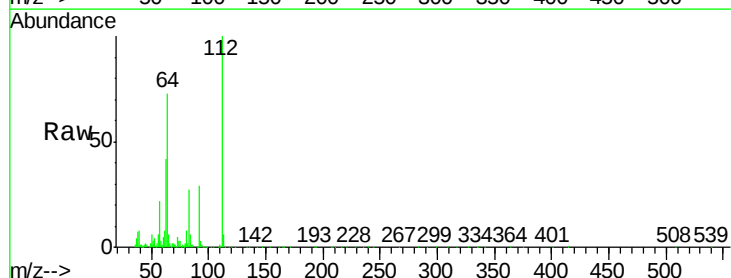
Tgt Ion:112 Resp: 470691

Ion Ratio Lower Upper

112 100

64 73.1 59.0 88.4

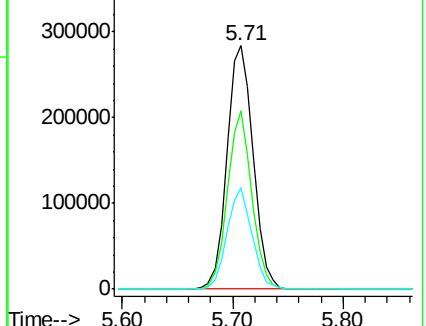
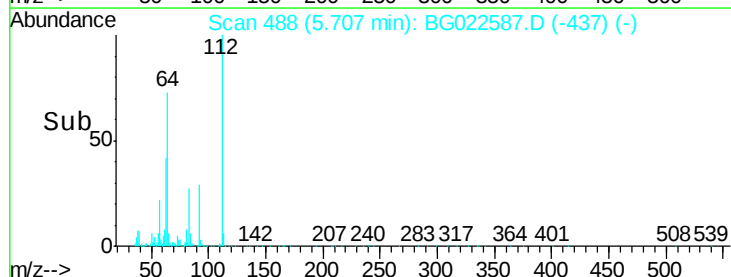
63 41.5 37.8 56.8

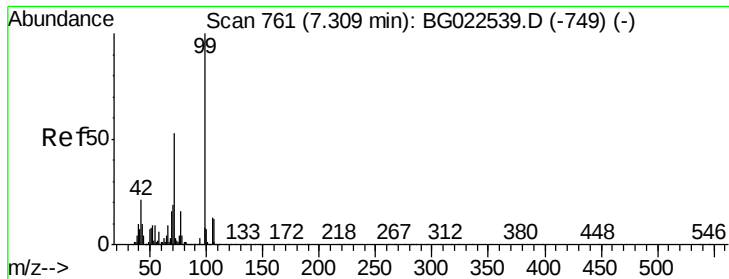


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.72 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Instrument :

BNA_G

ClientSampleId :

W-22

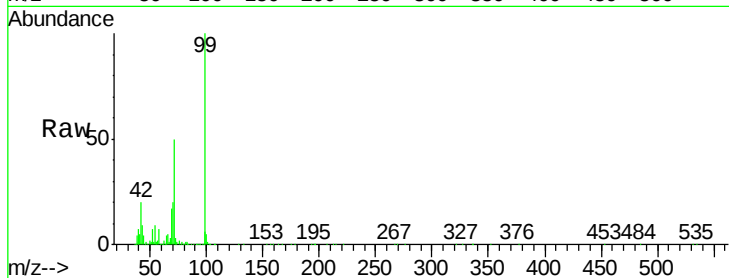
Tgt Ion: 99 Resp: 437704

Ion Ratio Lower Upper

99 100

42 19.9 17.8 26.6

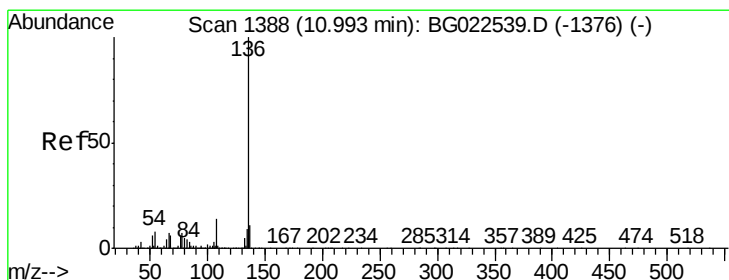
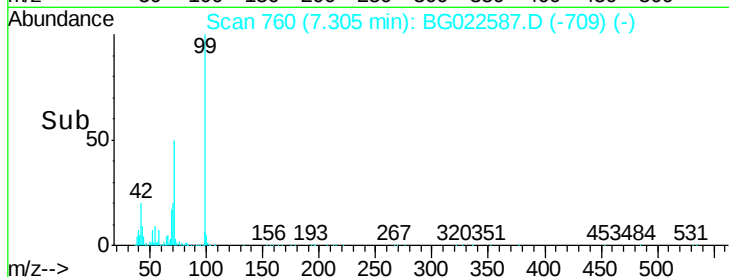
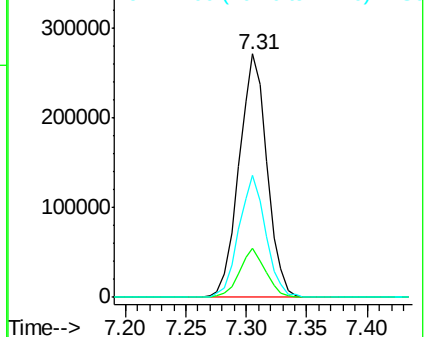
71 49.9 41.5 62.3



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: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Tgt Ion: 136 Resp: 567460

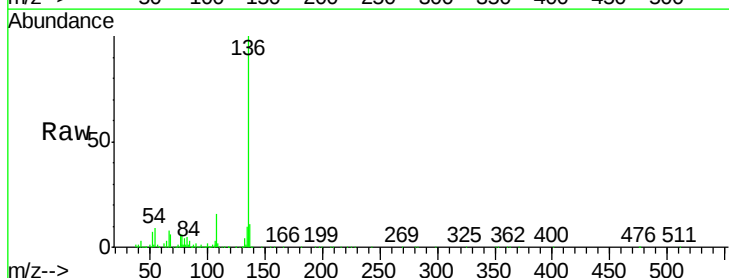
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 9.2 7.3 10.9

68 6.2 5.3 7.9

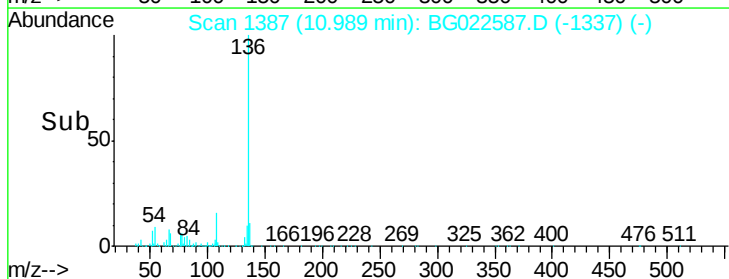
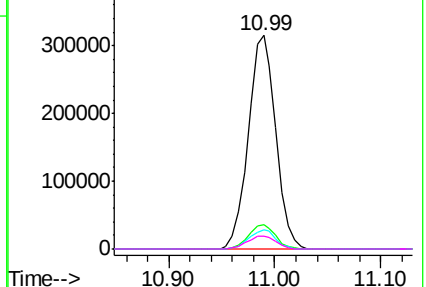


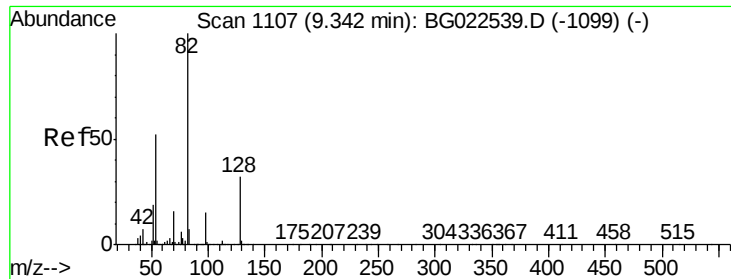
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

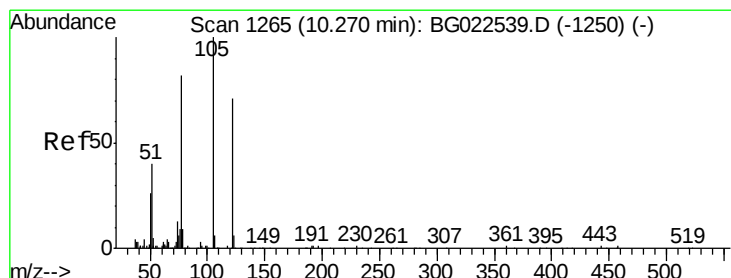
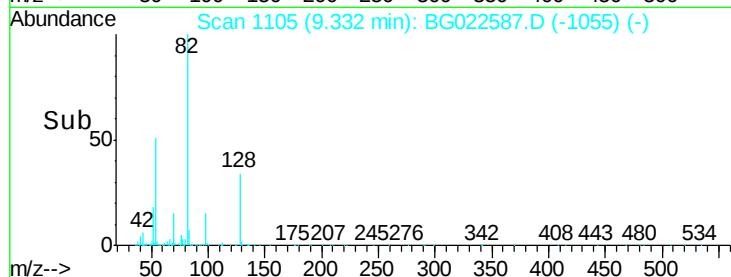
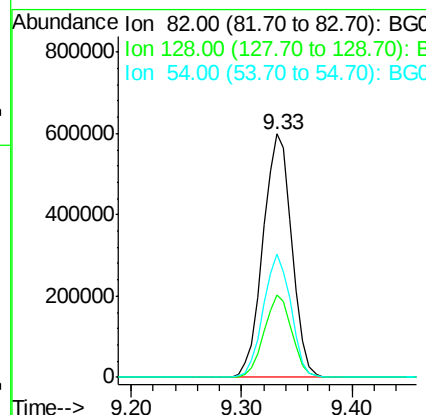
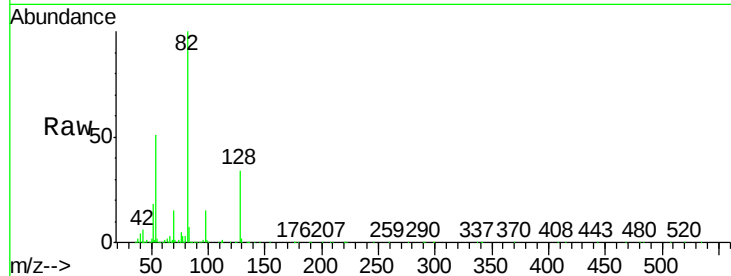




#23
Nitrobenzene-d5
Concen: 81.39 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022587.D
Acq: 25 Jun 2016 23:26

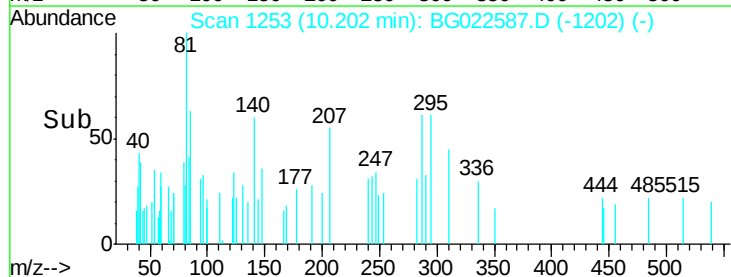
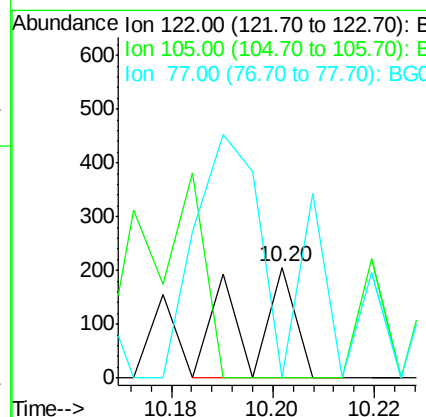
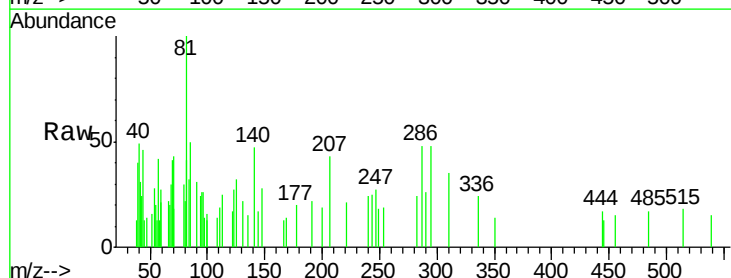
Instrument :
BNA_G
ClientSampleId :
W-22

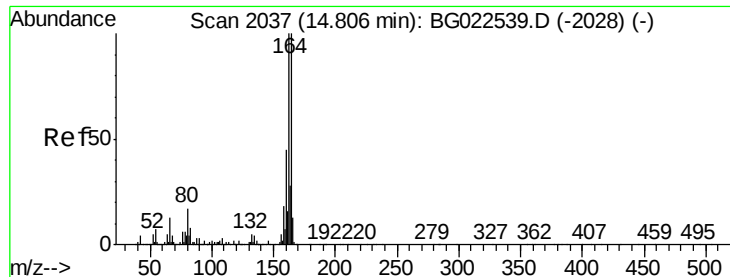
Tgt Ion: 82 Resp: 1091238
Ion Ratio Lower Upper
82 100
128 34.0 24.4 36.6
54 50.7 41.4 62.0



#32
Benzoic acid
Concen: 5.13 ng
RT: 10.20 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG022587.D
Acq: 25 Jun 2016 23:26

Tgt Ion: 122 Resp: 141
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Instrument :

BNA_G

ClientSampleId :

W-22

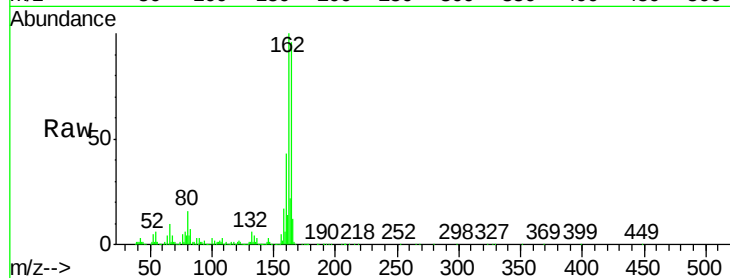
Tgt Ion:164 Resp: 400160

Ion Ratio Lower Upper

164 100

162 103.9 87.7 131.5

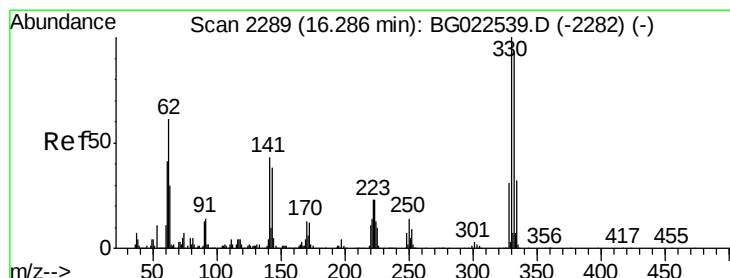
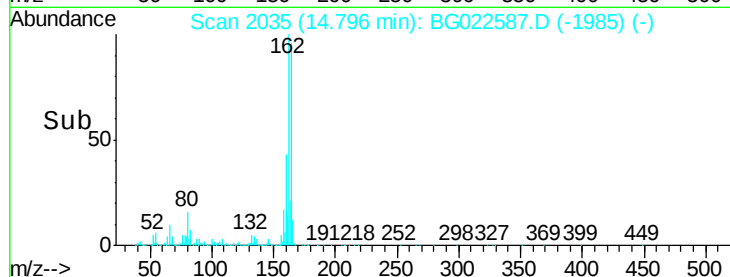
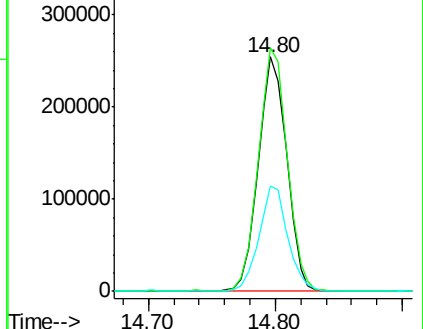
160 45.1 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 128.07 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

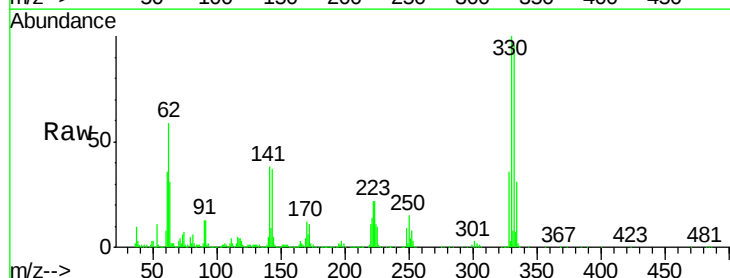
Tgt Ion:330 Resp: 806095

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

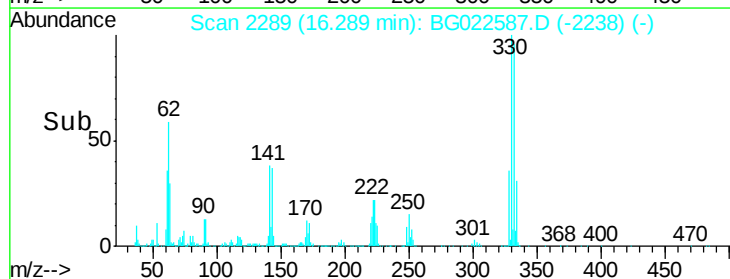
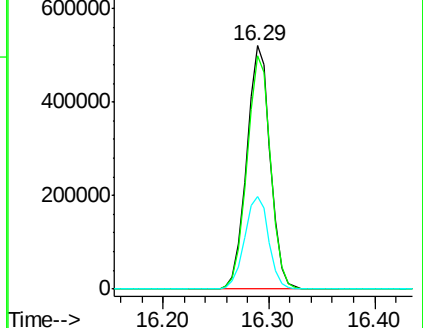
141 39.0 31.7 47.5

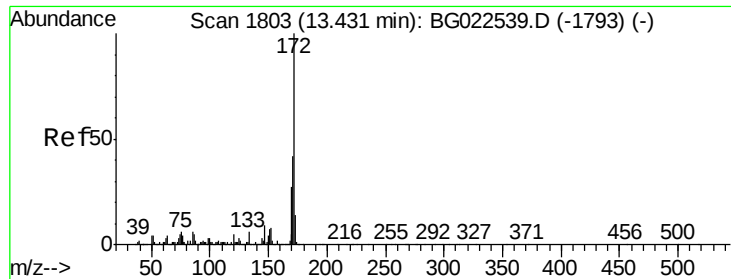


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

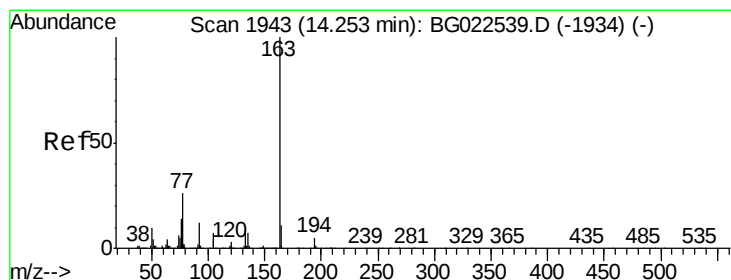
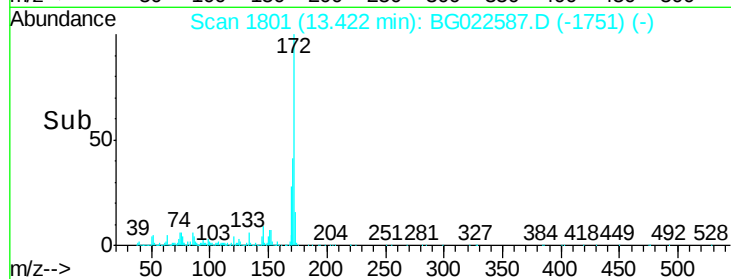
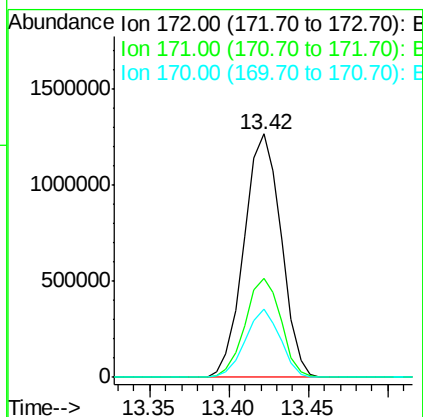
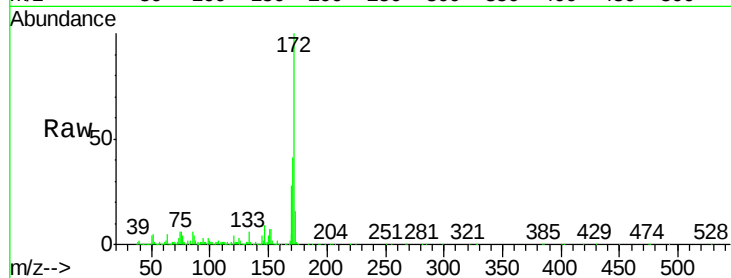




#44
2-Fluorobiphenyl
Concen: 81.40 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022587.D
Acq: 25 Jun 2016 23:26

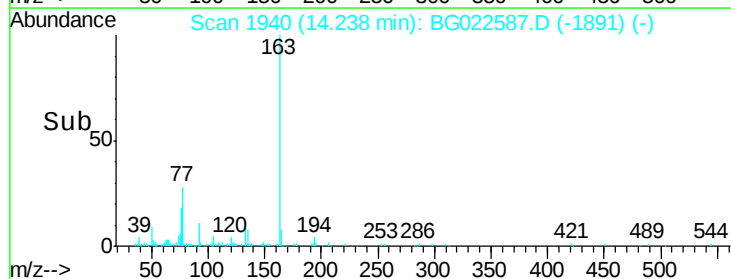
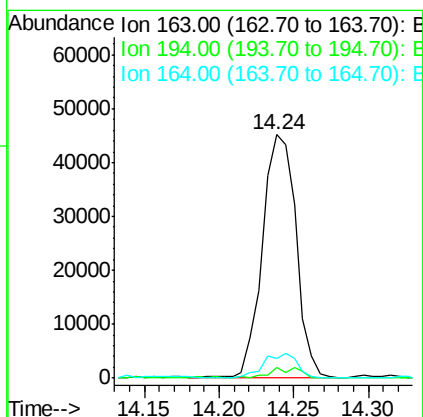
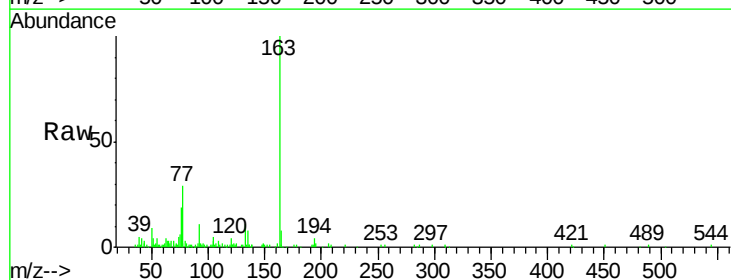
Instrument :
BNA_G
ClientSampleId :
W-22

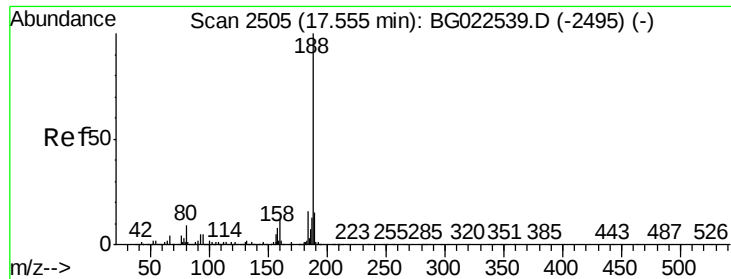
Tgt Ion:172 Resp: 2054049
Ion Ratio Lower Upper
172 100
171 40.9 31.6 47.4
170 28.1 21.3 31.9



#49
Dimethylphthalate
Concen: 2.13 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022587.D
Acq: 25 Jun 2016 23:26

Tgt Ion:163 Resp: 70572
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 8.3 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Instrument :

BNA_G

ClientSampleId :

W-22

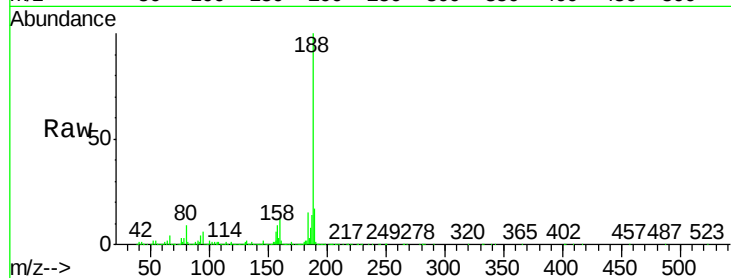
Tgt Ion:188 Resp: 1022461

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

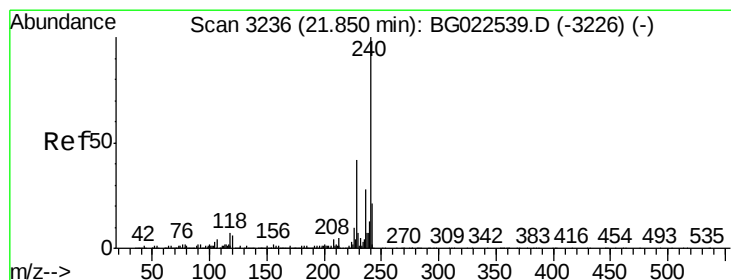
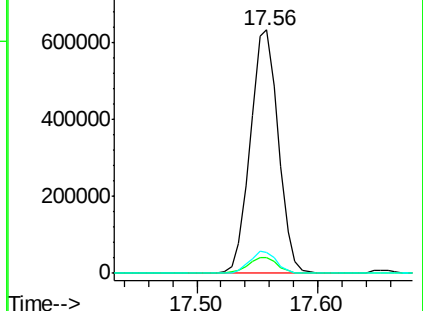
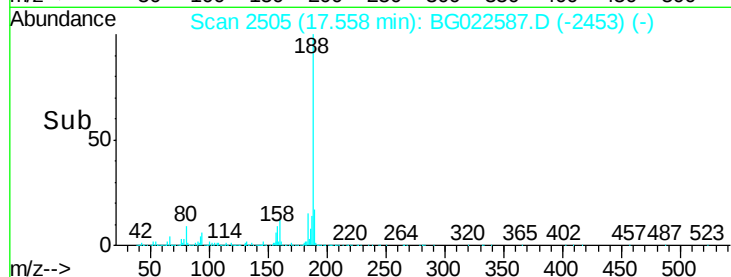
80 8.6 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

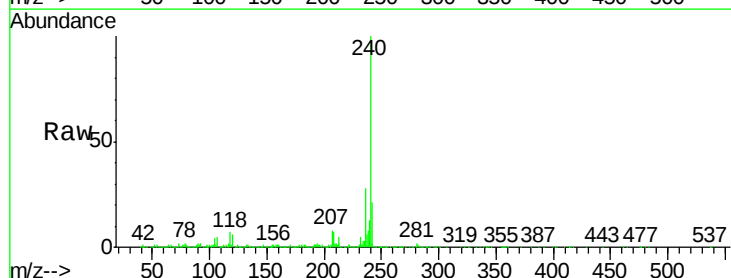
Tgt Ion:240 Resp: 1181432

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

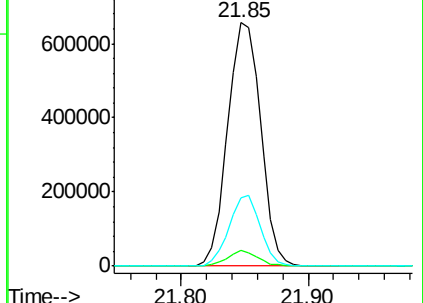
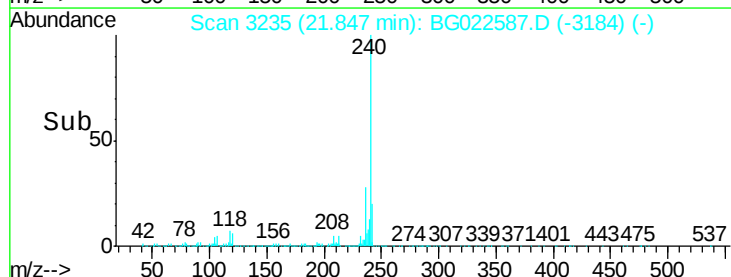
236 28.1 21.1 31.7

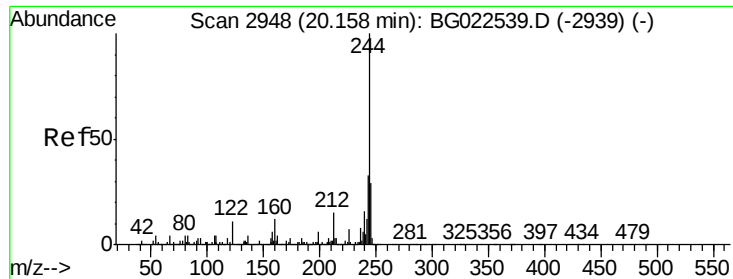


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.86 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

Instrument :

BNA_G

ClientSampleId :

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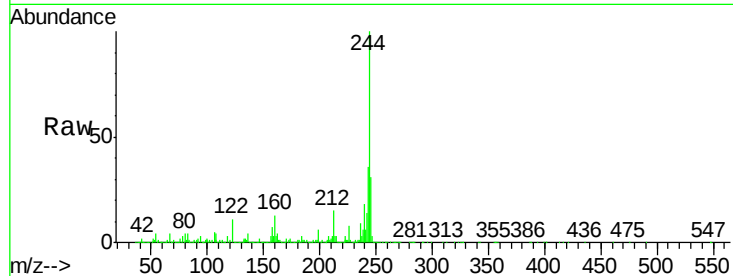
Tgt Ion:244 Resp: 3026010

Ion Ratio Lower Upper

244 100

212 14.6 10.8 16.2

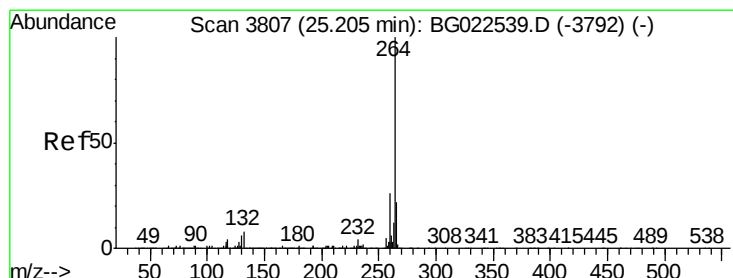
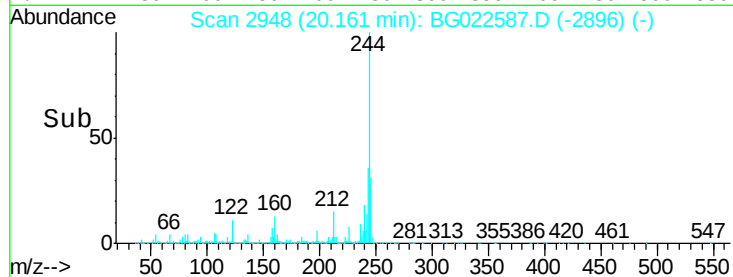
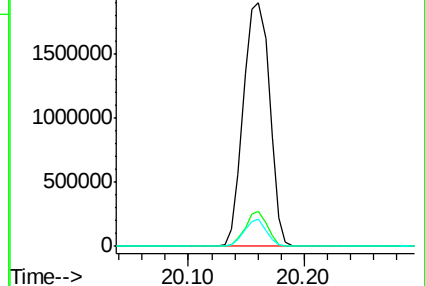
122 11.1 8.0 12.0



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: 25.21 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BG022587.D

Acq: 25 Jun 2016 23:26

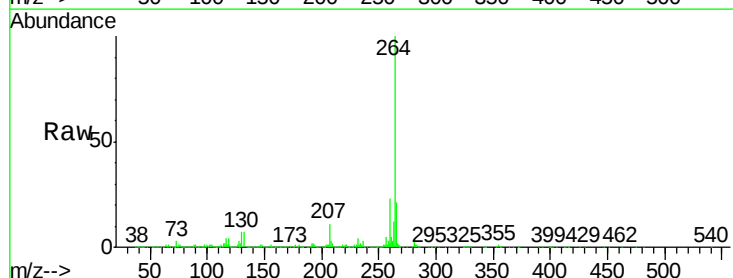
Tgt Ion:264 Resp: 1222584

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.2 18.9 28.3



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

