

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
 Data File : BG026423.D
 Acq On : 24 Mar 2017 20:29
 Operator : SJ/MA
 Sample : I2378-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 53A-9-11

Quant Time: Mar 24 23:10:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

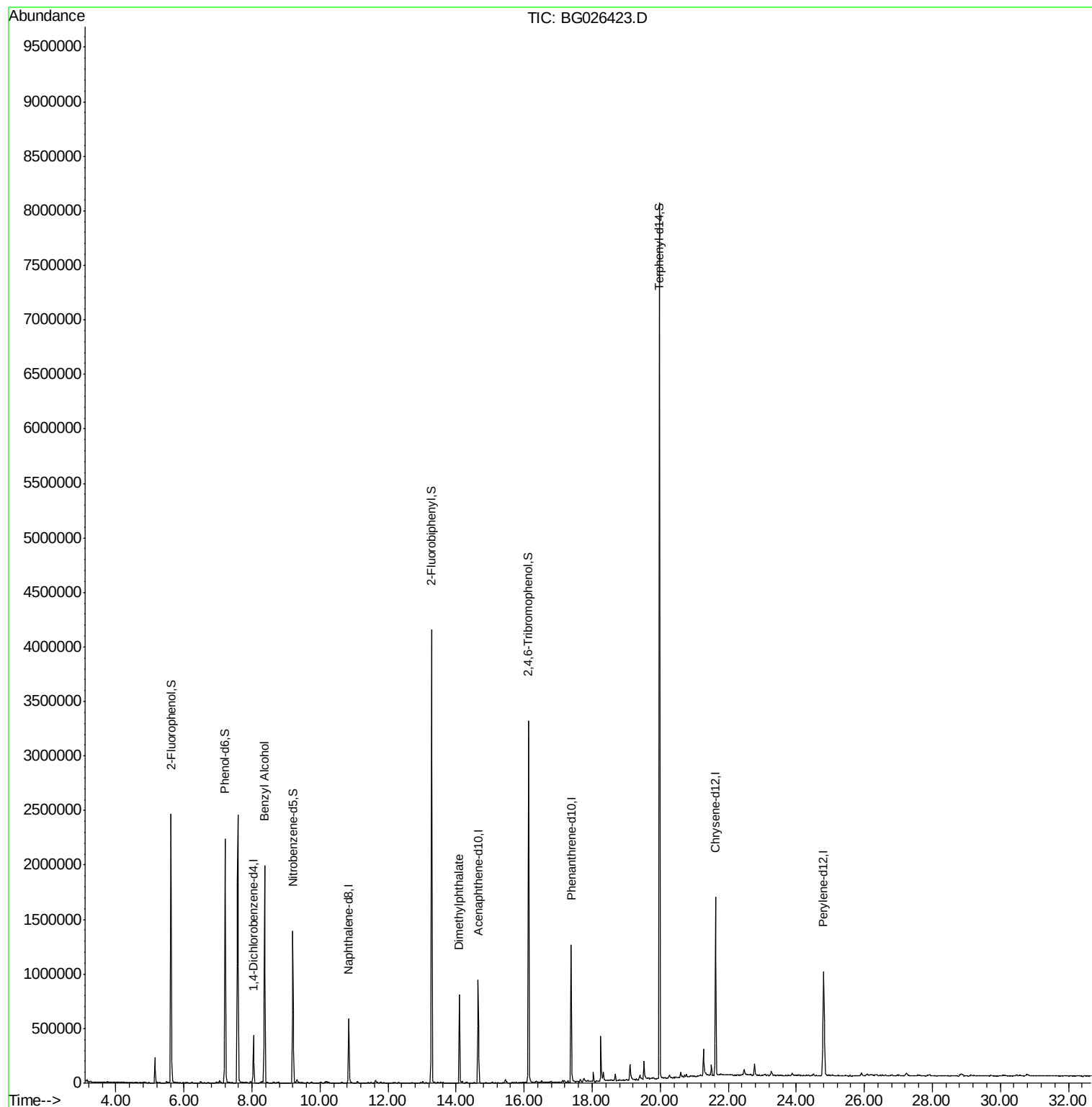
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	141506	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	573734	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	335447	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	815441	20.00	ng	0.00
75) Chrysene-d12	21.62	240	1019446	20.00	ng	-0.01
86) Perylene-d12	24.80	264	978317	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1278843	160.40	ng	0.00
7) Phenol-d6	7.21	99	1666122	155.66	ng	0.00
23) Nitrobenzene-d5	9.20	82	891464	93.43	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	707869	184.27	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2407480	100.65	ng	0.00
78) Terphenyl-d14	19.98	244	3341331	79.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	14189	2.02	ng	Qvalue # 57
49) Dimethylphthalate	14.10	163	625889	24.72	ng	97

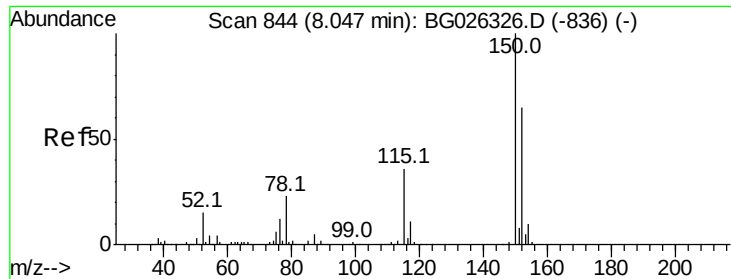
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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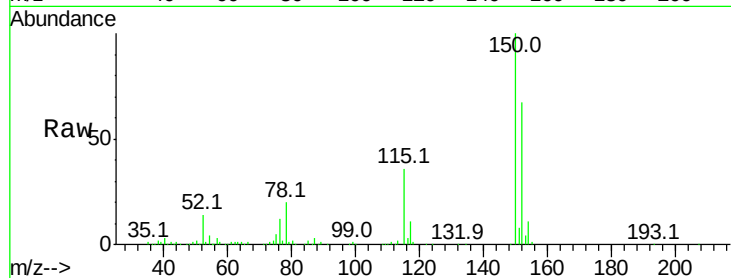


#1

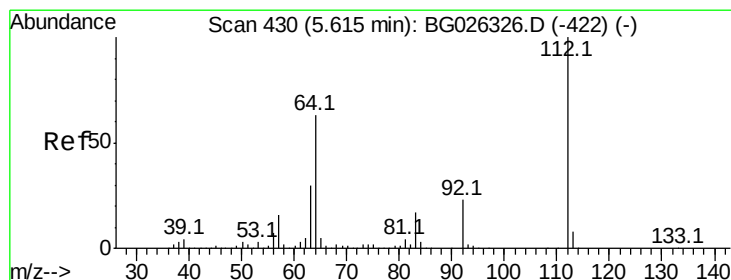
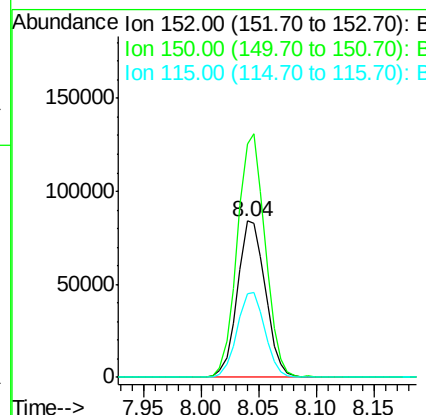
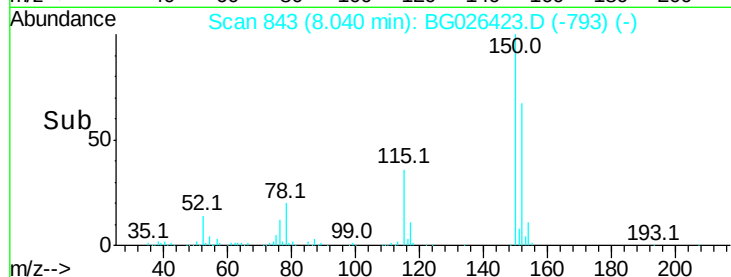
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026423.D
Acq: 24 Mar 2017 20:29

Instrument :
BNA_G
ClientSampleId :
53A-9-11

Tot Ion:152 Resp: 141506
Ion Ratio Lower Upper
152 100
150 149.0 114.0 171.0
115 53.9 48.1 72.1



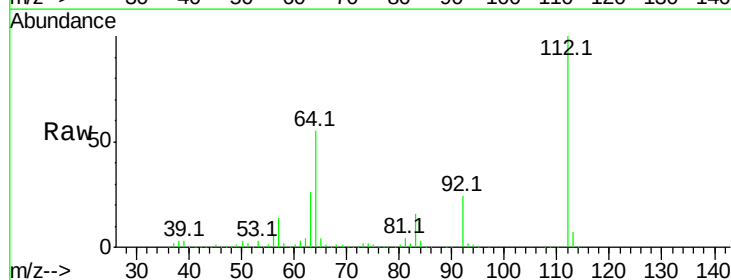
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



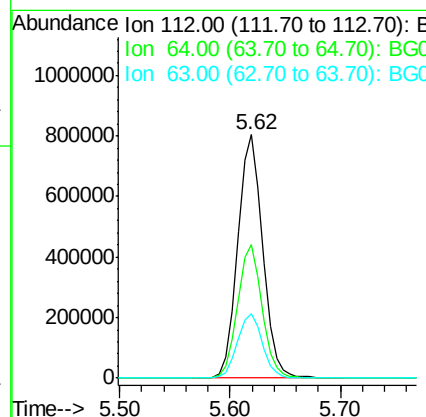
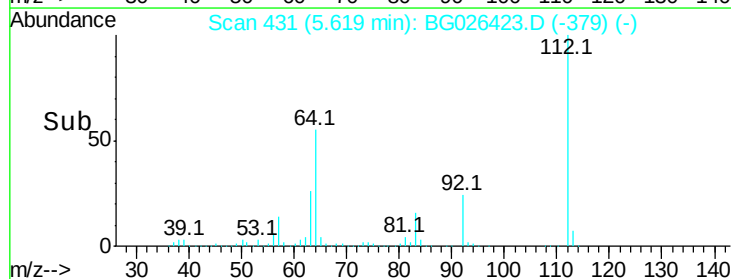
#5

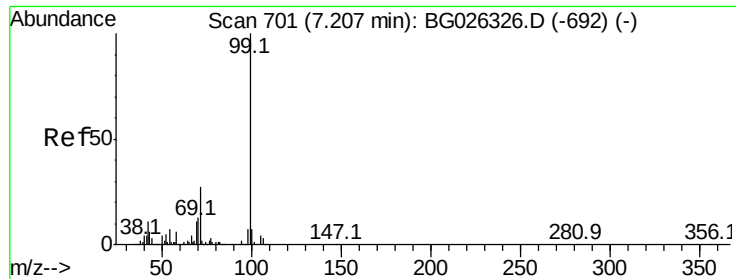
2-Fluorophenol
Concen: 160.40 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG026423.D
Acq: 24 Mar 2017 20:29

Tgt Ion:112 Resp: 1278843
Ion Ratio Lower Upper
112 100
64 54.8 61.8 92.6#
63 26.4 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: 155.66 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

Instrument :

BNA_G

ClientSampleId :

53A-9-11

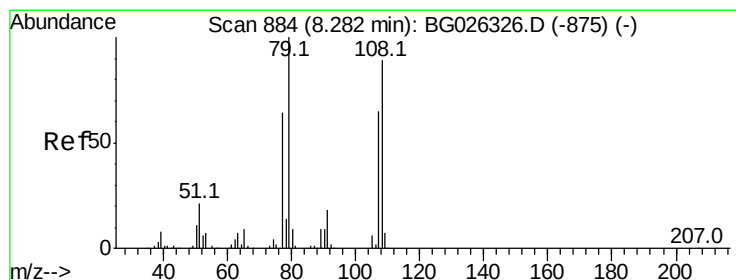
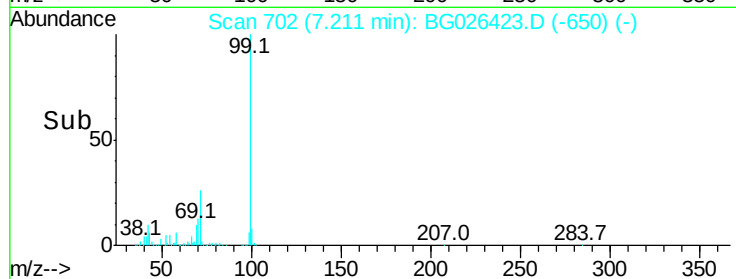
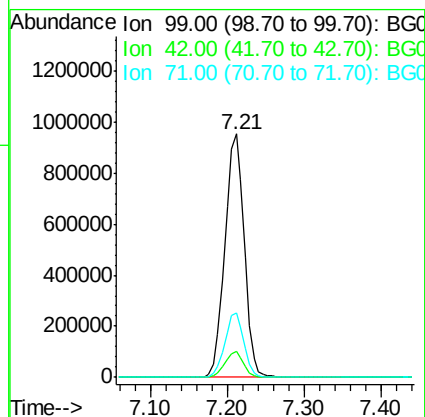
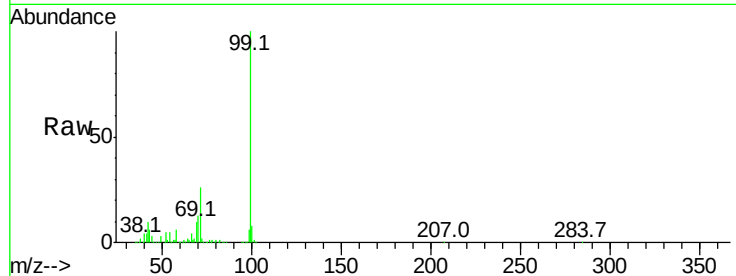
Tot Ion: 99 Resp: 1666122

Ion Ratio Lower Upper

99 100

42 10.5 20.5 30.7#

71 26.3 37.6 56.4#



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.09 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

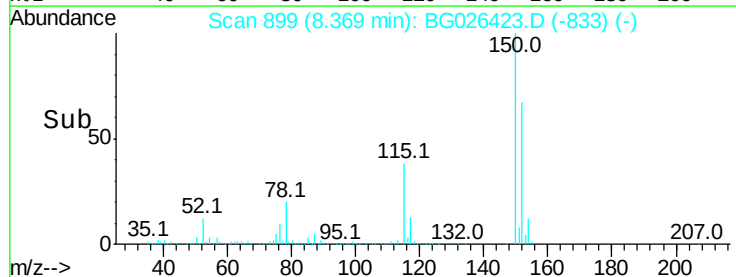
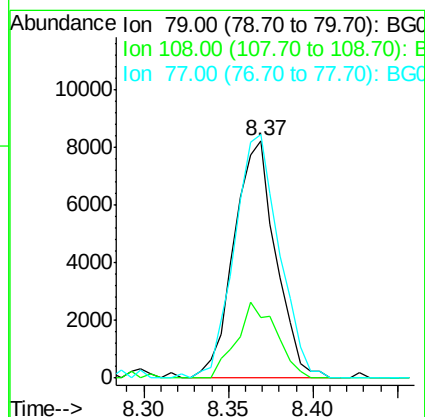
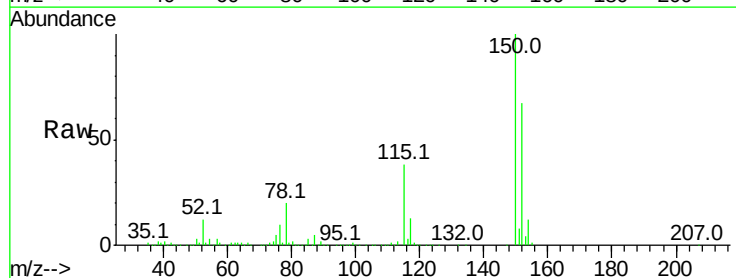
Tgt Ion: 79 Resp: 14189

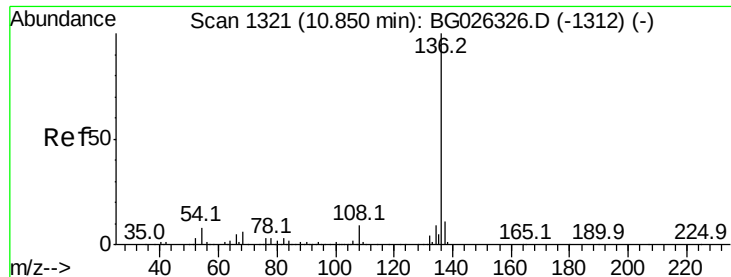
Ion Ratio Lower Upper

79 100

108 25.7 45.5 68.3#

77 102.4 54.3 81.5#

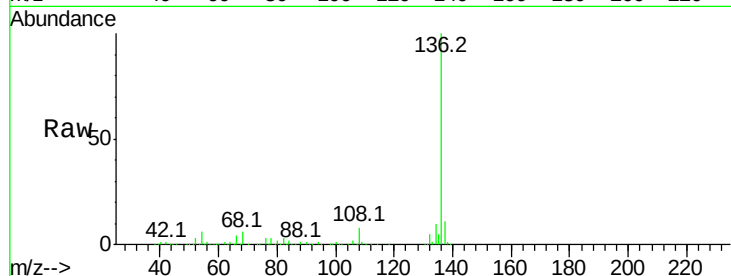




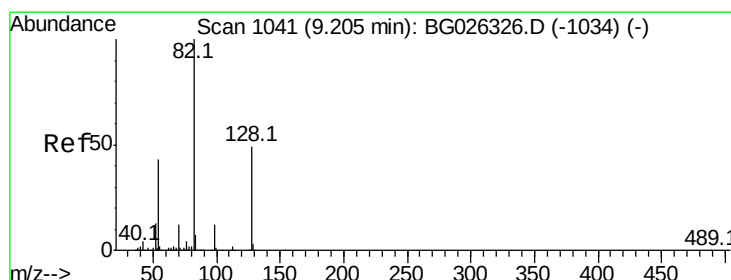
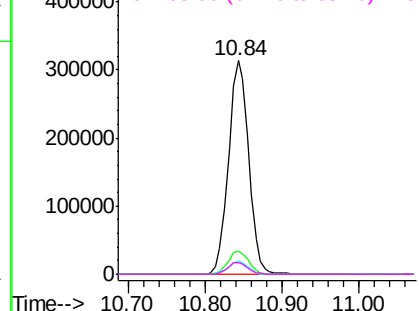
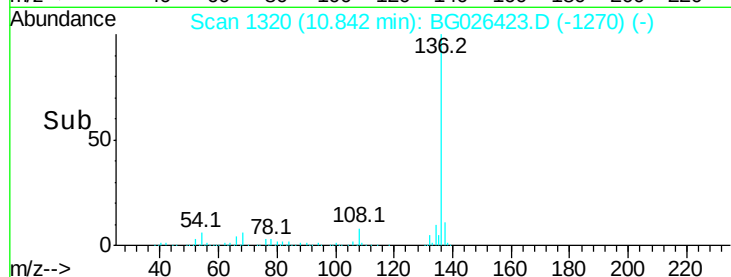
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026423.D
Acq: 24 Mar 2017 20:29

Instrument :
BNA_G
ClientSampleId :
53A-9-11

Tot Ion:136	Resp: 573734
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 6.2	9.3 13.9#
68 5.5	5.1 7.7

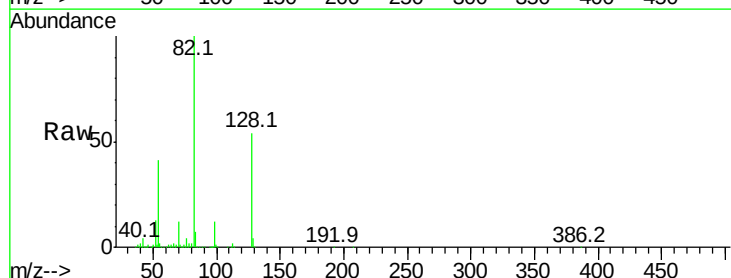


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

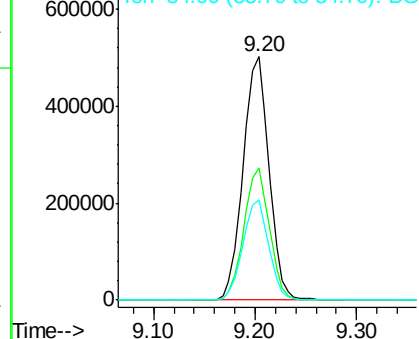
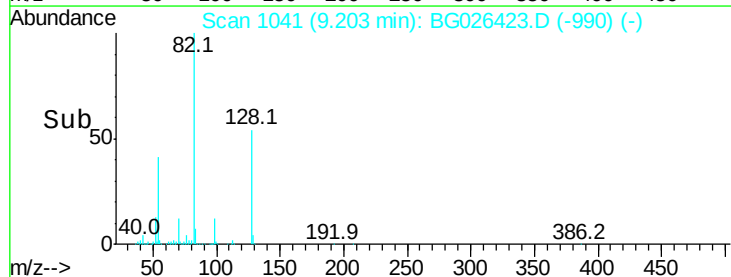


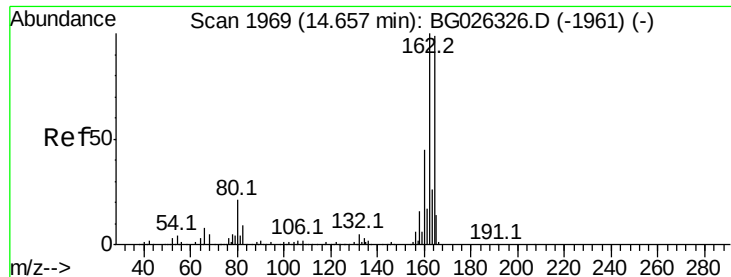
#23
Nitrobenzene-d5
Concen: 93.43 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG026423.D
Acq: 24 Mar 2017 20:29

Tgt	Ion: 82	Resp:	891464
Ion	Ratio	Lower	Upper
82	100		
128	54.5	26.4	39.6#
54	41.4	49.4	74.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

Instrument :

BNA_G

ClientSampleId :

53A-9-11

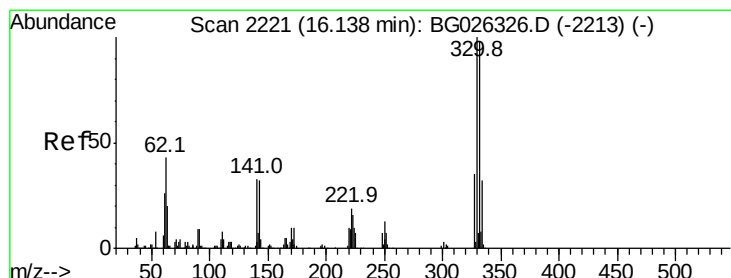
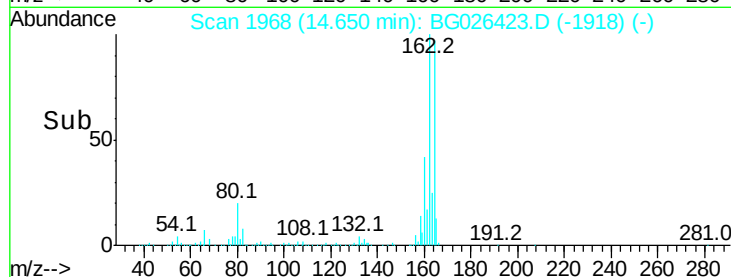
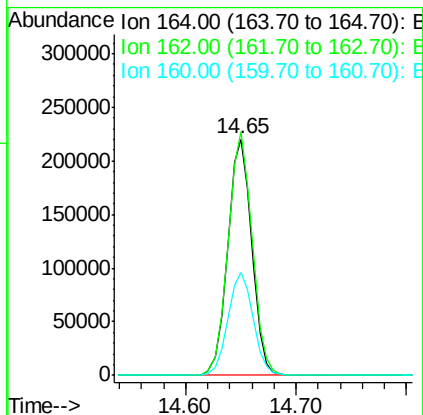
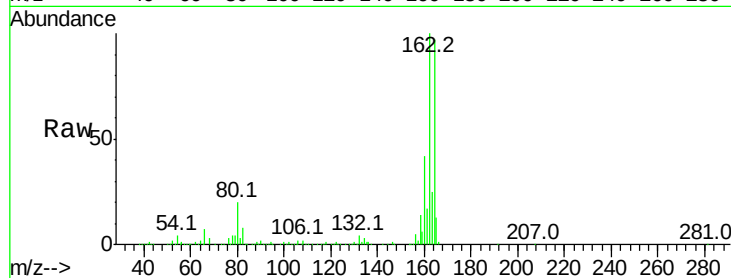
Tot Ion:164 Resp: 335447

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

160 43.8 34.7 52.1



#41

2,4,6-Tribromophenol

Concen: 184.27 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

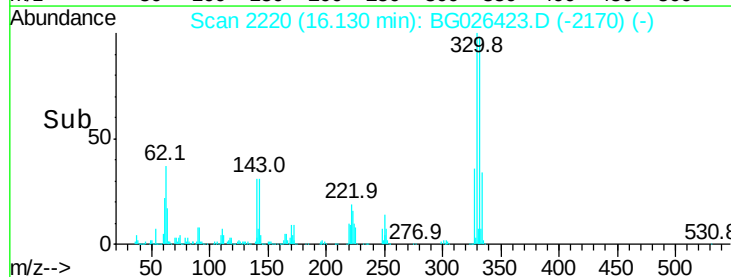
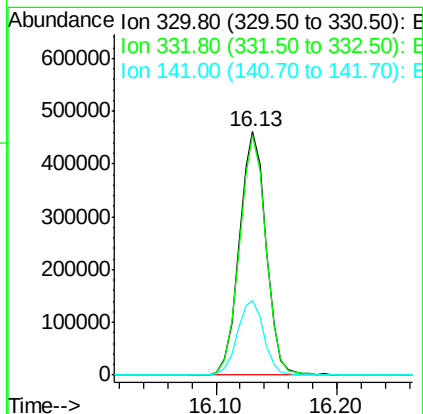
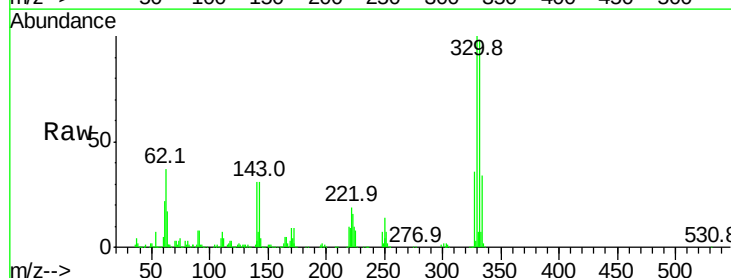
Tgt Ion:330 Resp: 707869

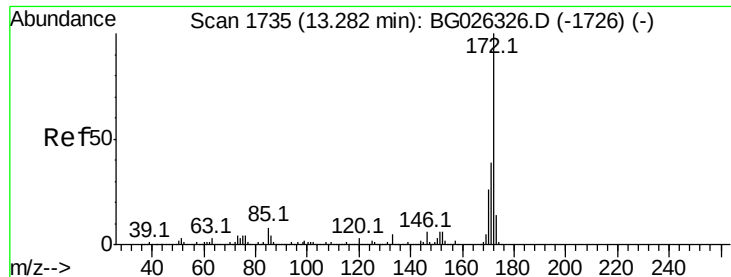
Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

141 30.6 32.1 48.1#

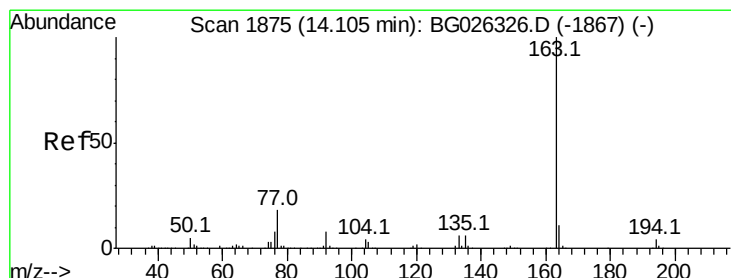
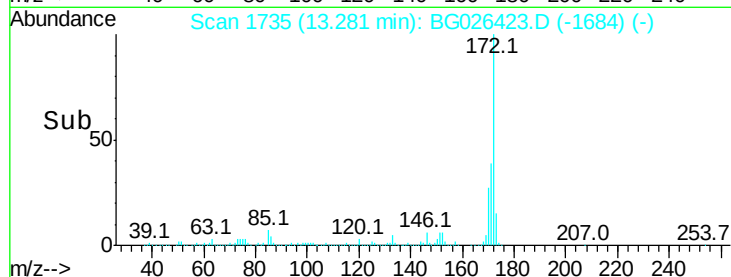
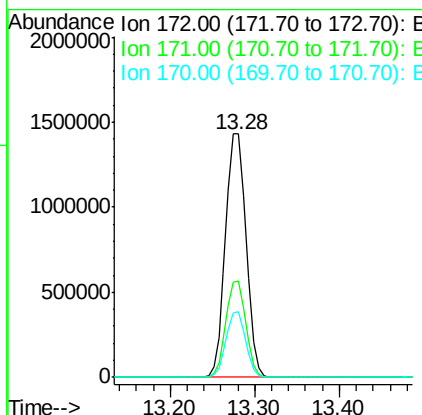
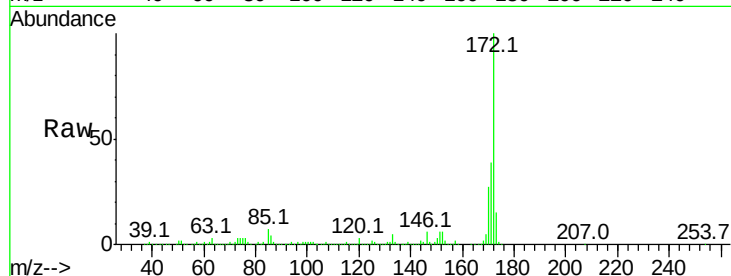




#44
2-Fluorobiphenyl
Concen: 100.65 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG026423.D
Acq: 24 Mar 2017 20:29

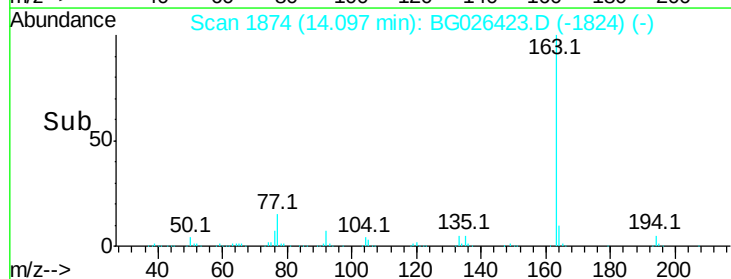
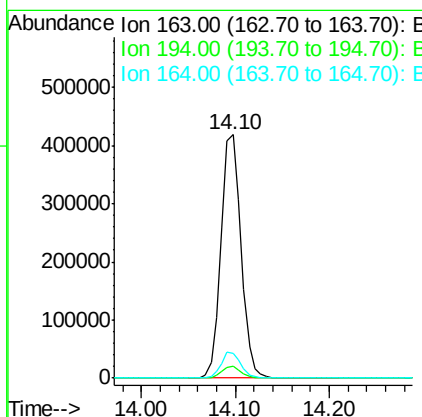
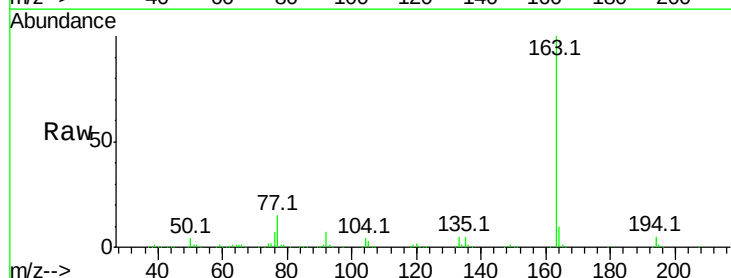
Instrument :
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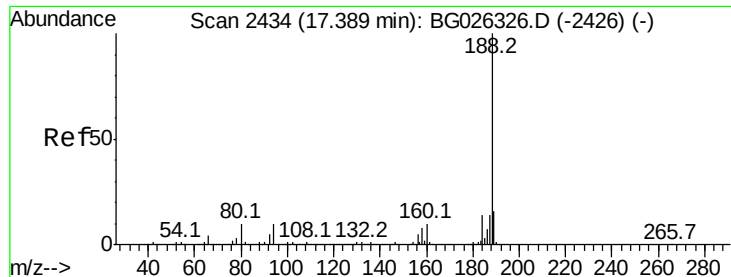
Tot Ion:172 Resp: 2407480
Ion Ratio Lower Upper
172 100
171 39.4 32.2 48.2
170 26.8 21.8 32.6



#49
Dimethylphthalate
Concen: 24.72 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG026423.D
Acq: 24 Mar 2017 20:29

Tgt Ion:163 Resp: 625889
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 10.0 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

Instrument :

BNA_G

ClientSampleId :

53A-9-11

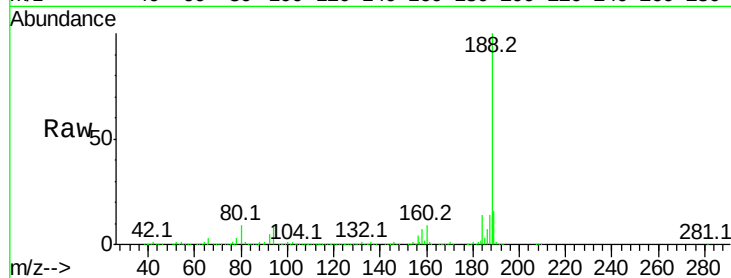
Tot Ion:188 Resp: 815441

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.8#

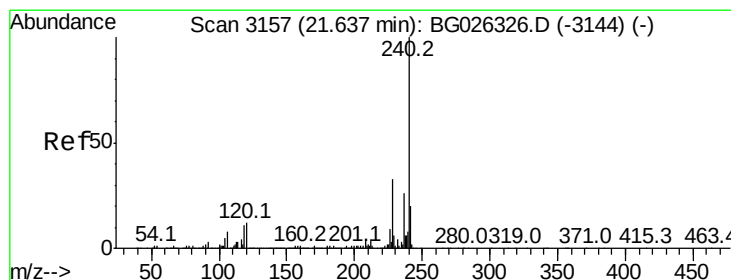
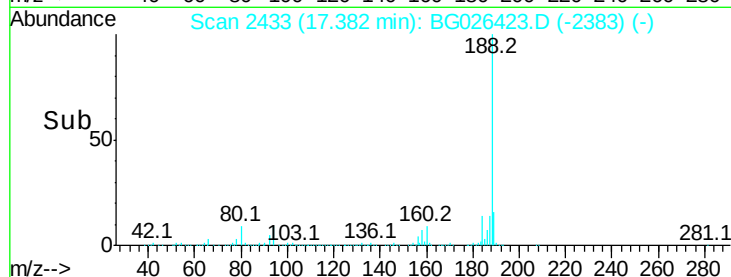
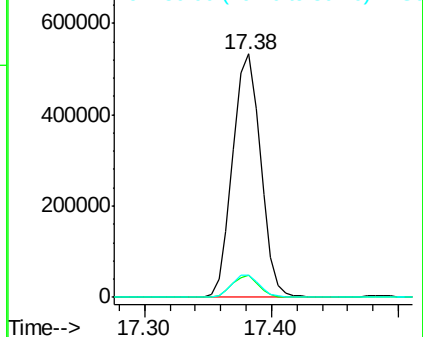
80 9.1 7.5 11.3



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

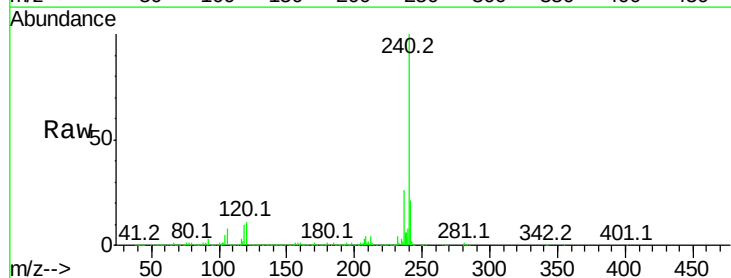
Tgt Ion:240 Resp: 1019446

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

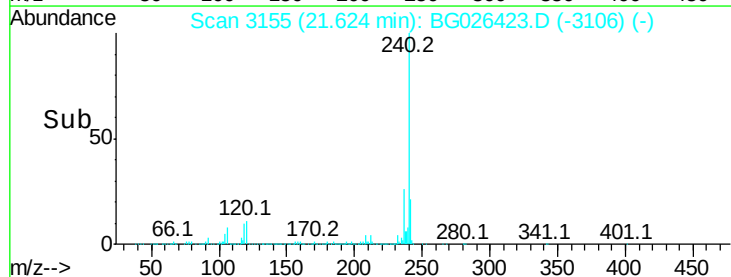
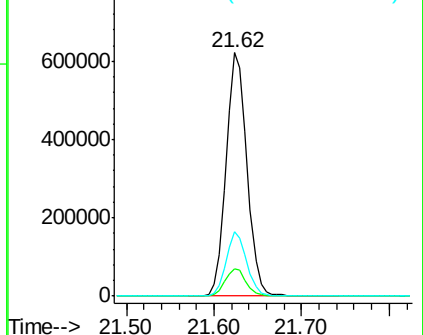
236 26.3 22.2 33.4

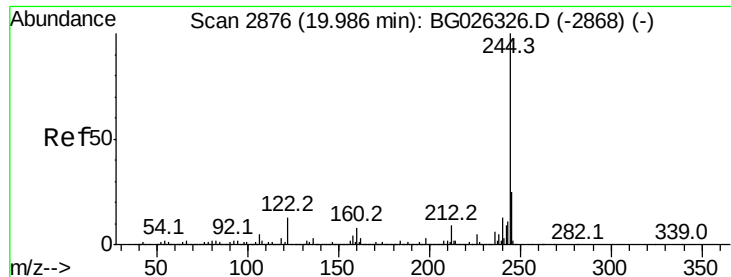


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.60 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

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53A-9-11

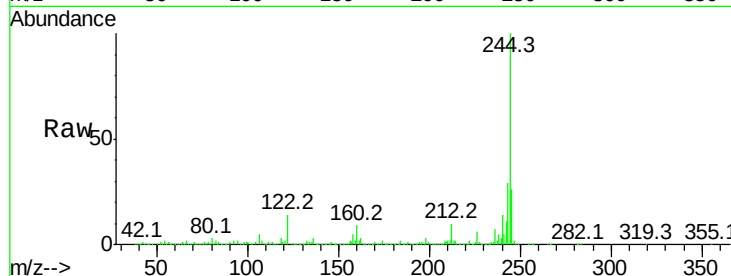
Tot Ion:244 Resp: 3341331

Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

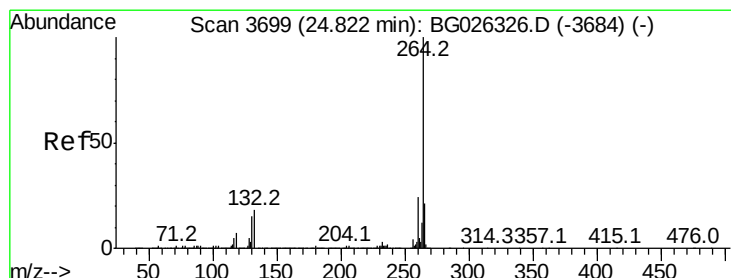
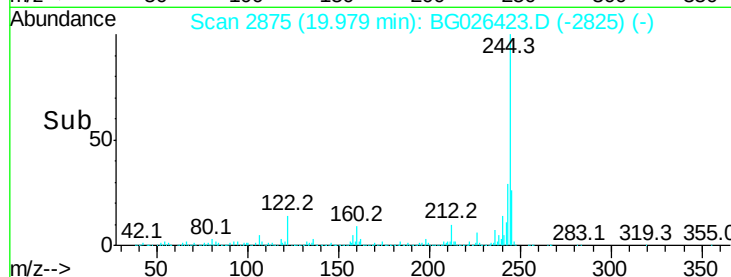
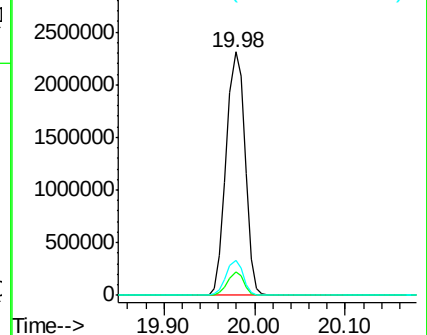
122 14.3 8.6 12.8#



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: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

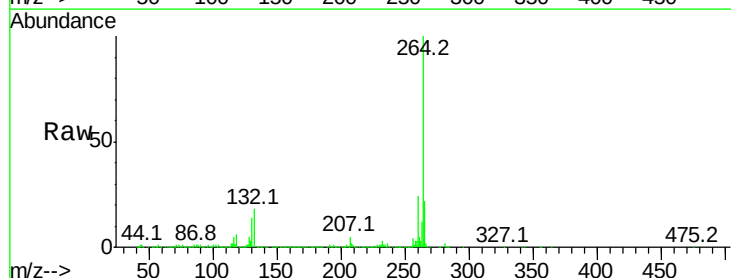
Tgt Ion:264 Resp: 978317

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 22.4 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

