

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032502.D
 Acq On : 1 Feb 2018 22:53
 Operator : SJ/JU
 Sample : J1408-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(140-142)

Quant Time: Feb 02 03:15:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

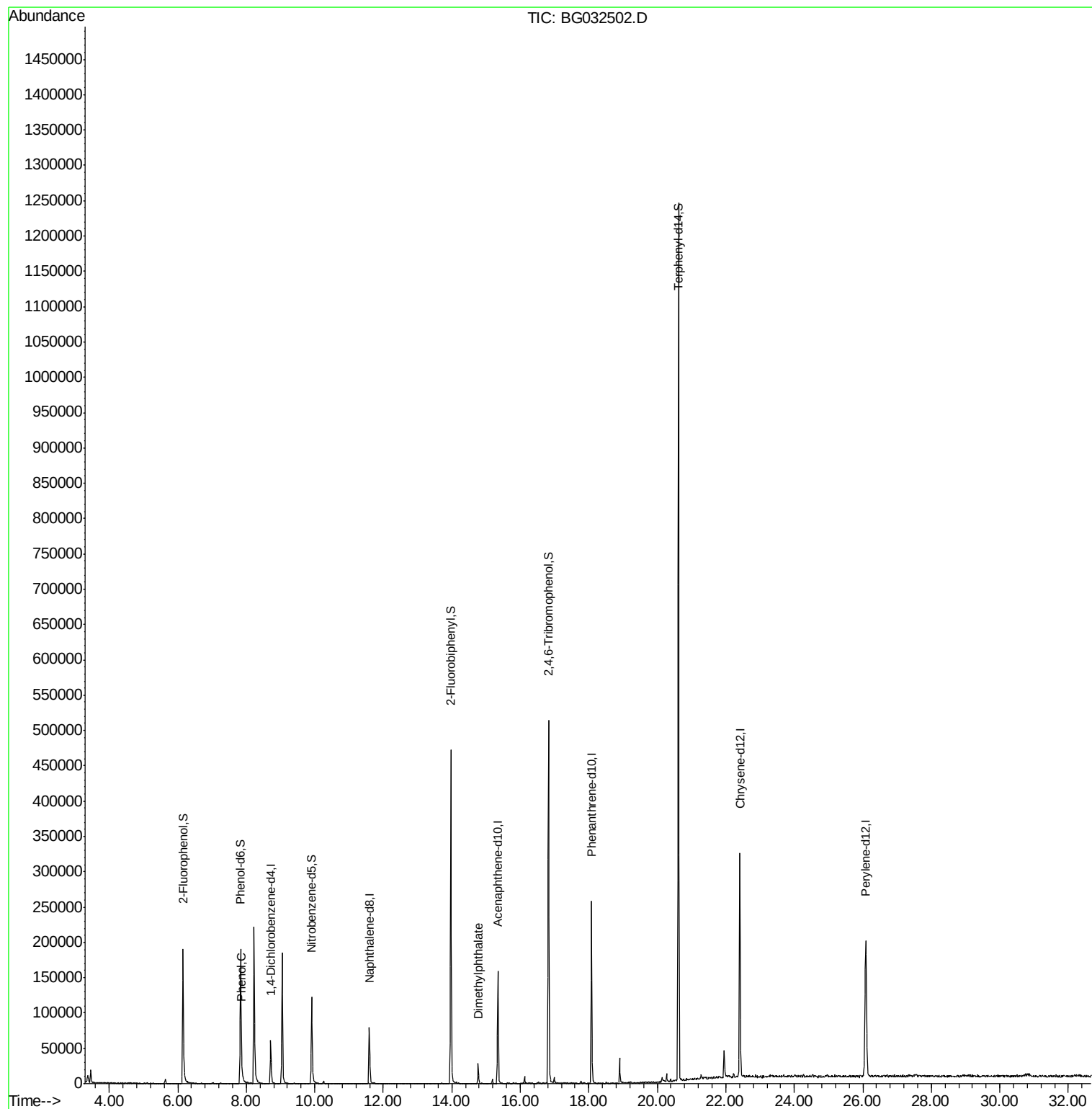
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	23033	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	89536	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	65674	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	182587	20.00	ng	0.00
75) Chrysene-d12	22.41	240	250373	20.00	ng	-0.01
86) Perylene-d12	26.08	264	268955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	111678	97.39	ng	0.00
7) Phenol-d6	7.83	99	139495	91.16	ng	0.00
23) Nitrobenzene-d5	9.91	82	87115	60.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	124293	99.43	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	295252	53.43	ng	-0.01
78) Terphenyl-d14	20.62	244	678364	58.04	ng	0.00
Target Compounds						
10) Phenol	7.86	94	3083	2.122	ng	Qvalue # 51
49) Dimethylphthalate	14.77	163	24264	4.007	ng	99

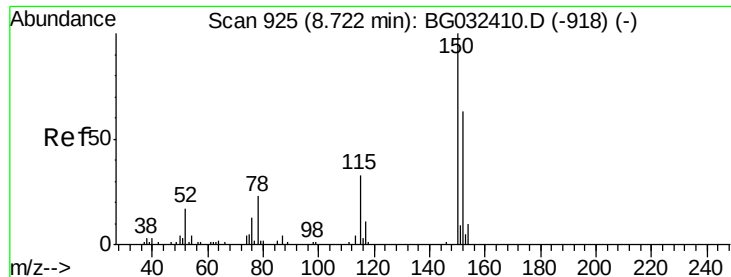
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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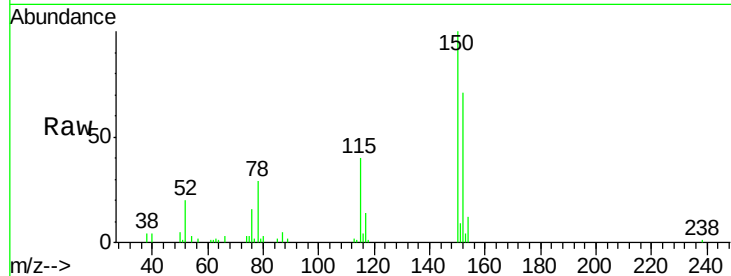


#1

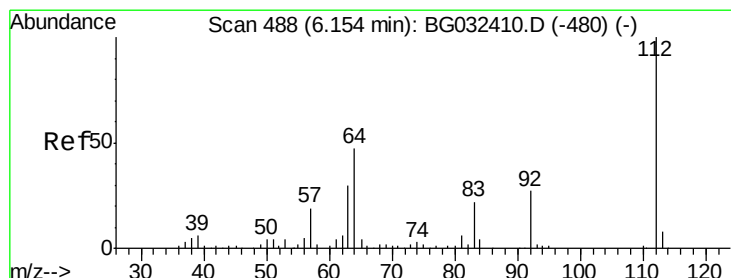
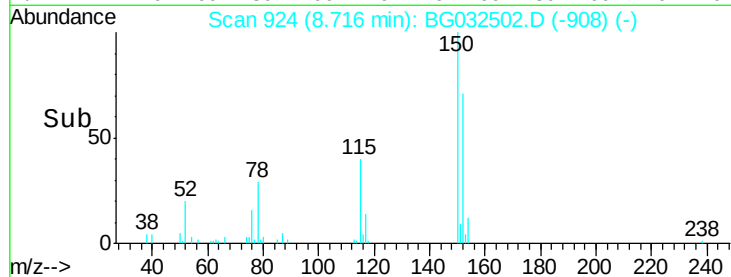
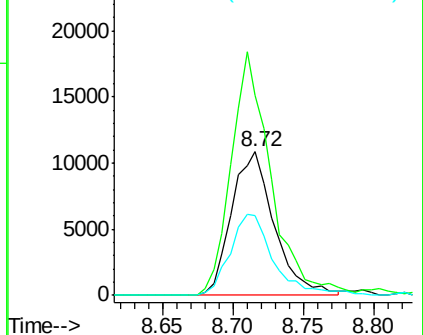
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(140-142)

Tot Ion:152 Resp: 23033
Ion Ratio Lower Upper
152 100
150 139.9 126.6 189.8
115 55.8 53.0 79.4



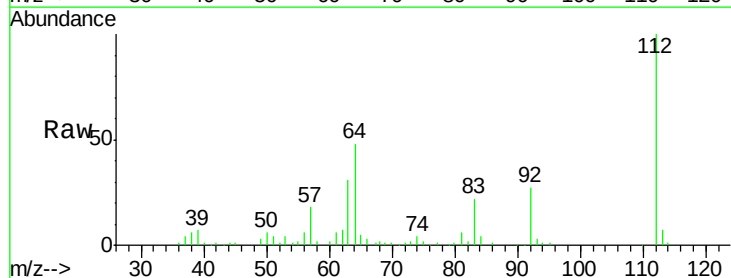
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



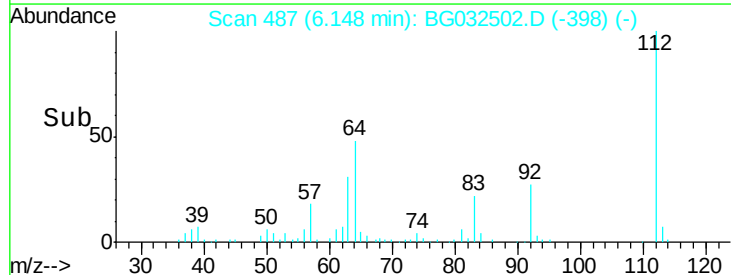
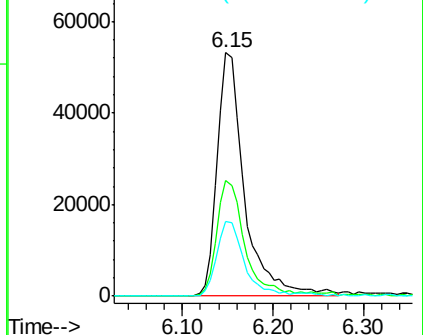
#5

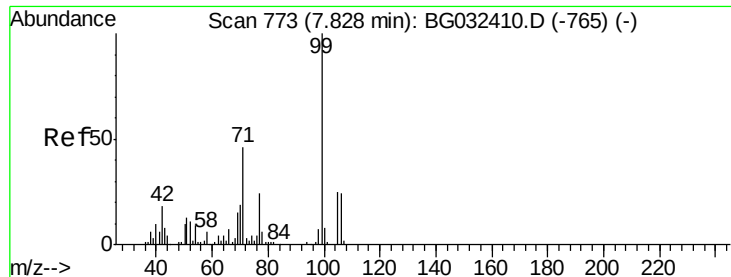
2-Fluorophenol
Concen: 97.387 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion:112 Resp: 111678
Ion Ratio Lower Upper
112 100
64 47.6 56.3 84.5#
63 30.5 30.1 45.1



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: 91.159 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(140-142)

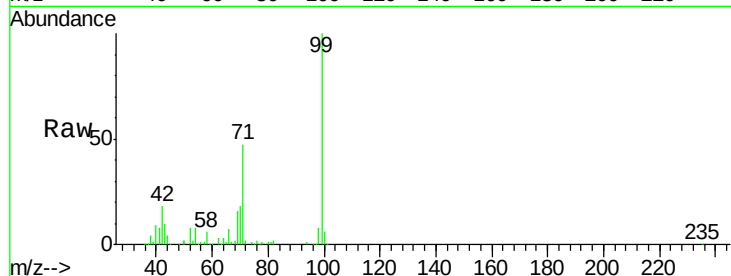
Tot Ion: 99 Resp: 139495

Ion Ratio Lower Upper

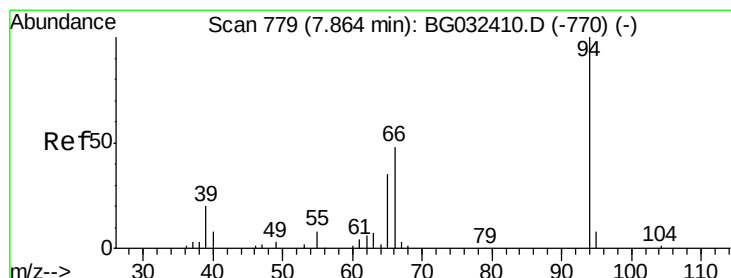
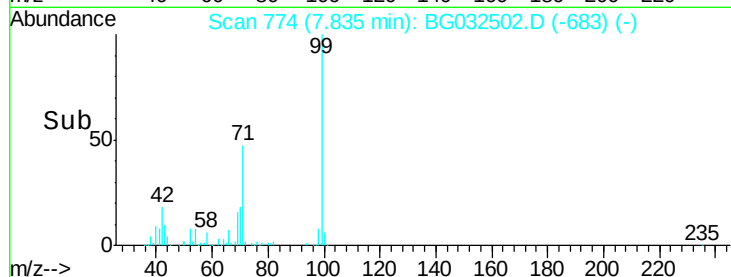
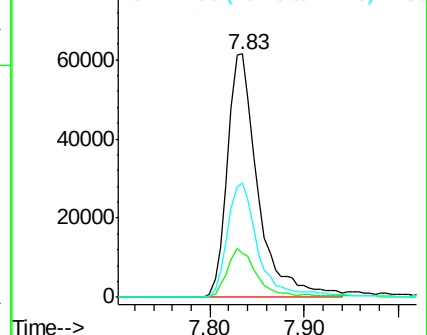
99 100

42 18.1 14.1 21.1

71 46.7 26.1 39.1#



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



#10

Phenol

Concen: 2.122 ng

RT: 7.86 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

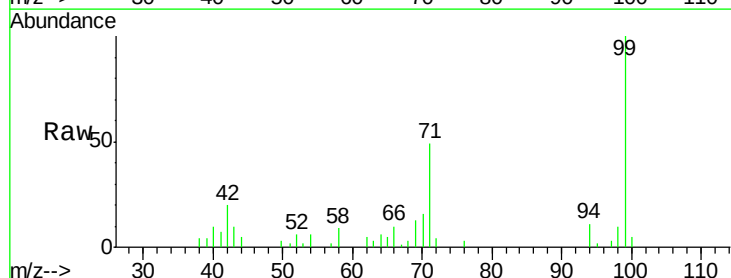
Tgt Ion: 94 Resp: 3083

Ion Ratio Lower Upper

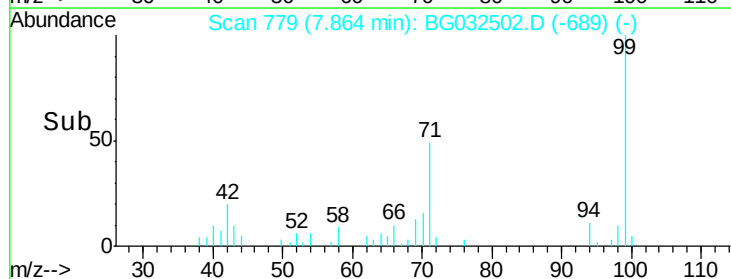
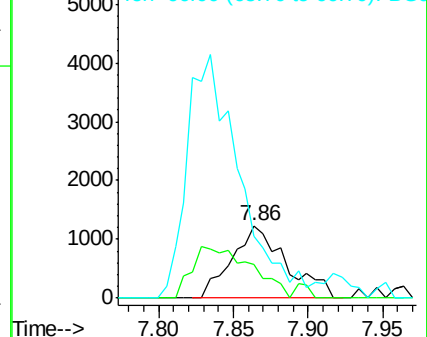
94 100

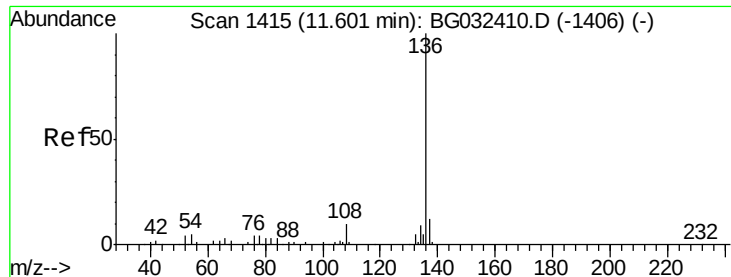
65 46.3 11.9 51.9

66 84.8 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(140-142)

Tot Ion:136 Resp: 89536

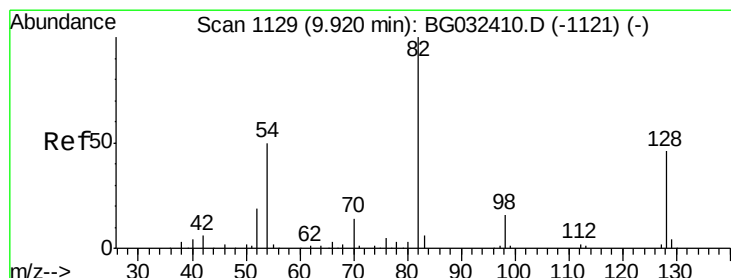
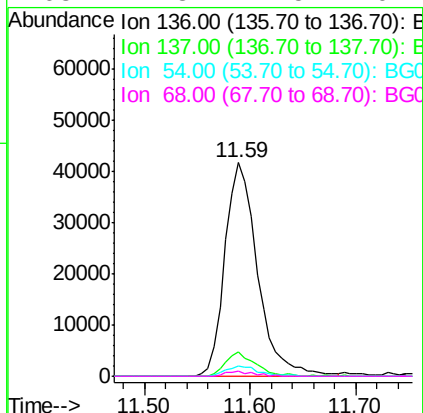
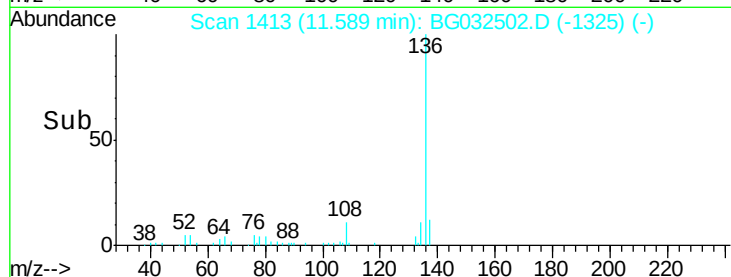
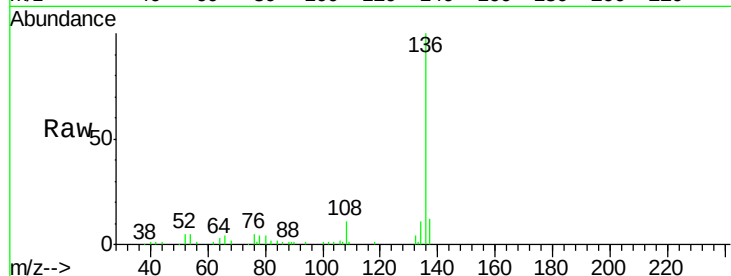
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 4.9 10.3 15.5#

68 2.3 4.5 6.7#



#23

Nitrobenzene-d5

Concen: 60.772 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

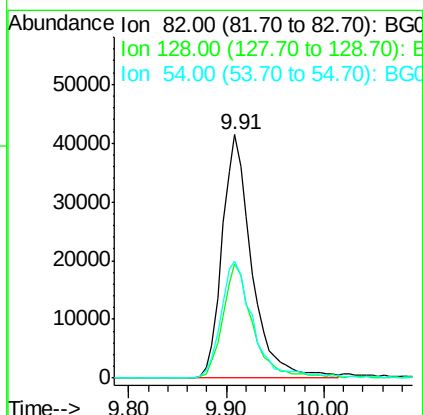
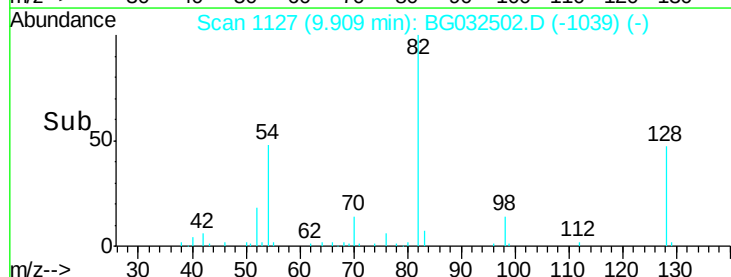
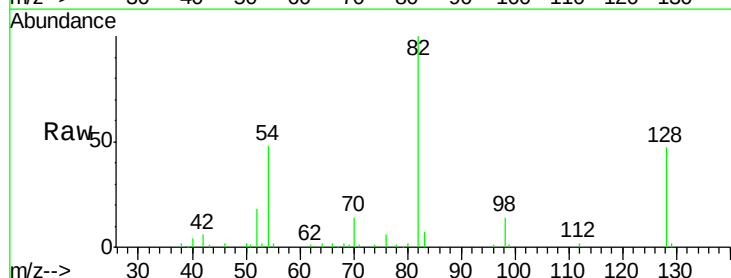
Tgt Ion: 82 Resp: 87115

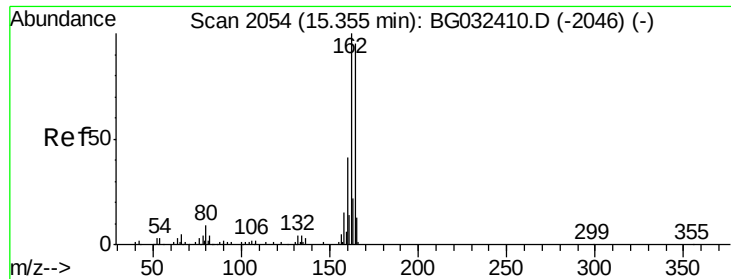
Ion Ratio Lower Upper

82 100

128 46.9 29.7 44.5#

54 48.1 43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

Instrument :

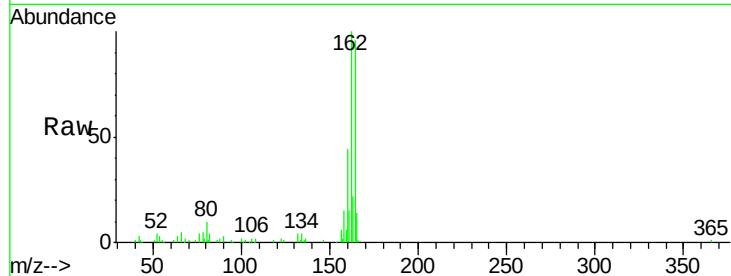
BNA_G

ClientSampleId :

EPE-106-5(140-142)

Tot Ion:164 Resp: 65674

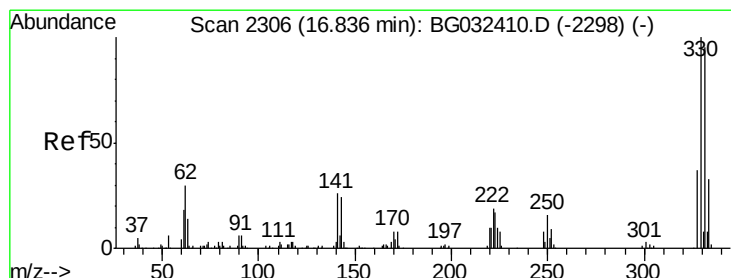
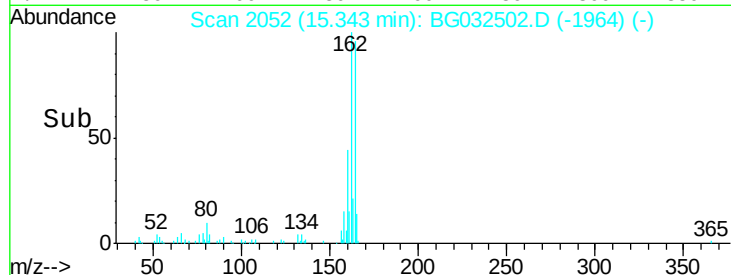
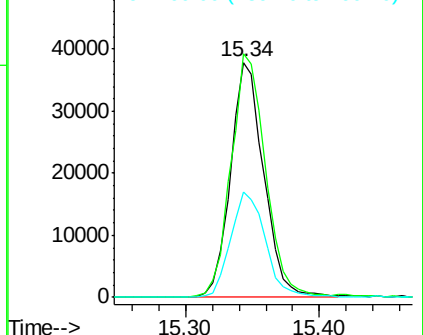
Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	45.1	35.4	53.0



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: 99.426 ng

RT: 16.82 min Scan# 2304

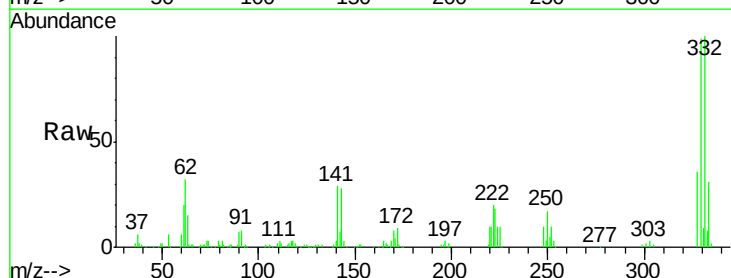
Delta R.T. -0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

Tgt Ion:330 Resp: 124293

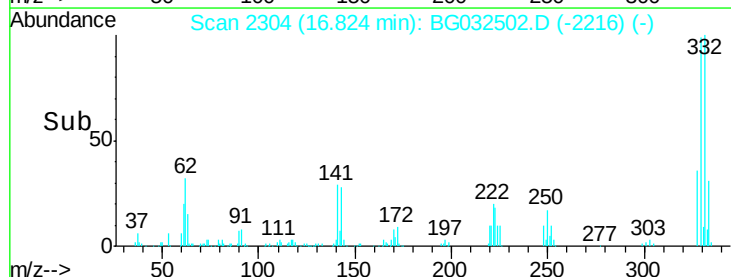
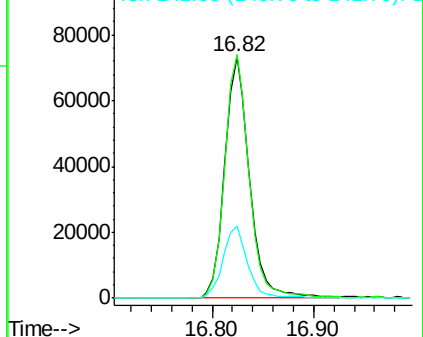
Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.0	115.6
141	29.5	25.2	37.8

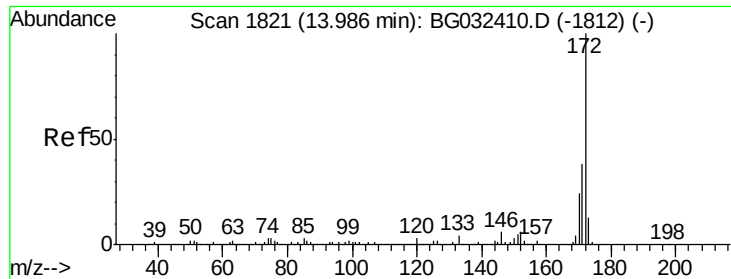


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

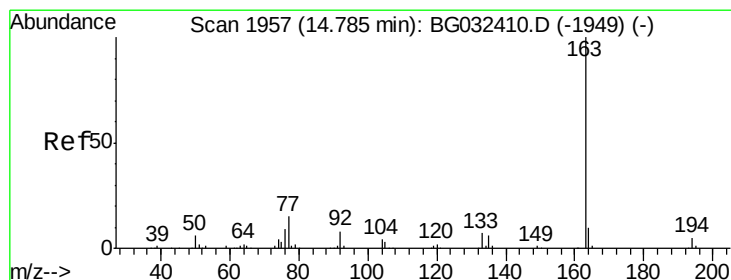
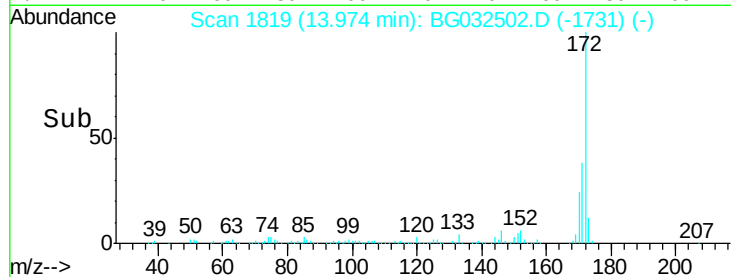
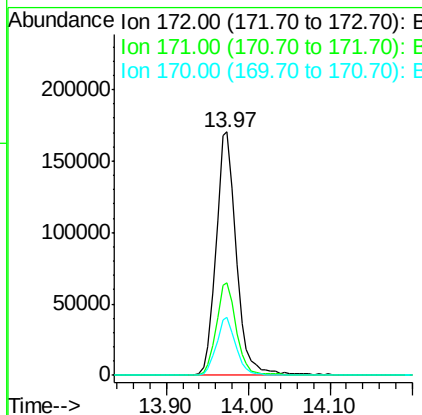
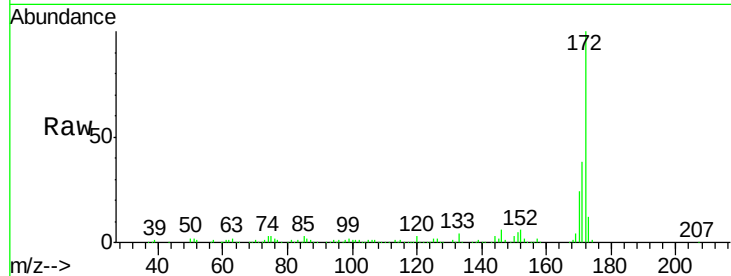




#44
2-Fluorobiphenyl
Concen: 53.435 ng
RT: 13.97 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

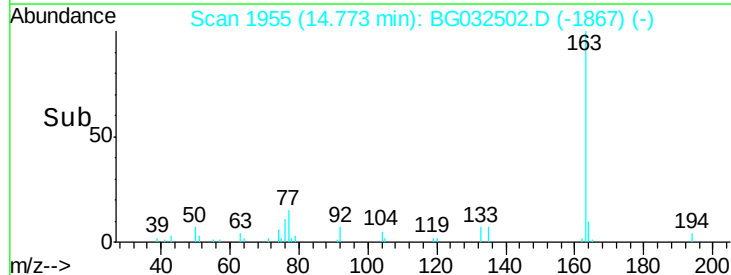
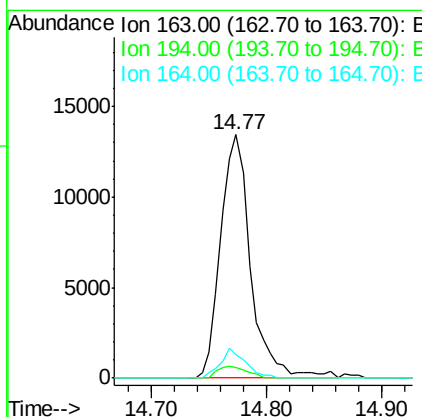
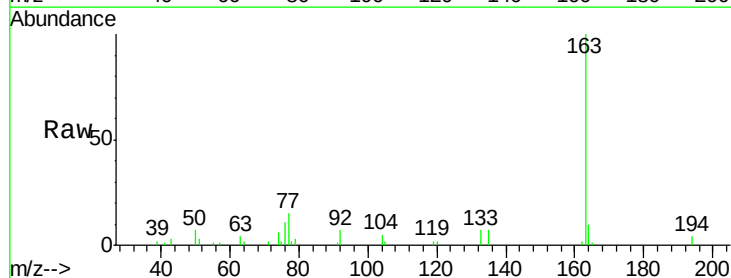
Instrument :
BNA_G
ClientSampleId :
EPE-106-5(140-142)

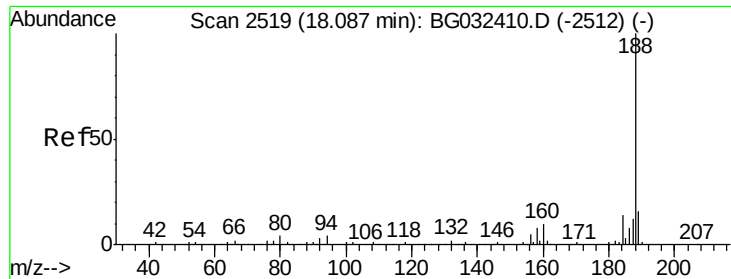
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.9	19.5	29.3



#49
Dimethylphthalate
Concen: 4.007 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.8	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(140-142)

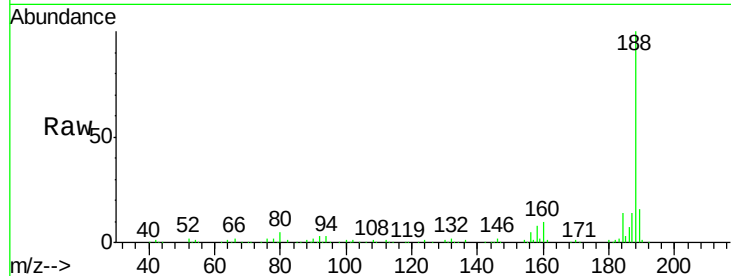
Tot Ion:188 Resp: 182587

Ion Ratio Lower Upper

188 100

94 3.5 6.9 10.3#

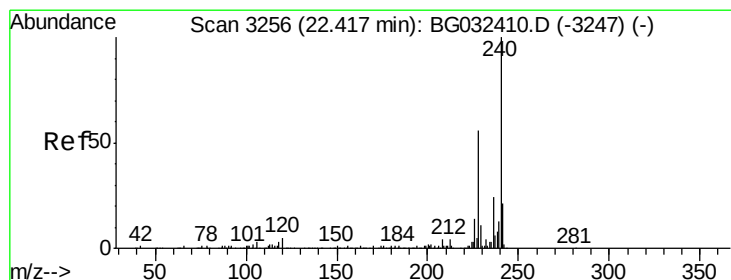
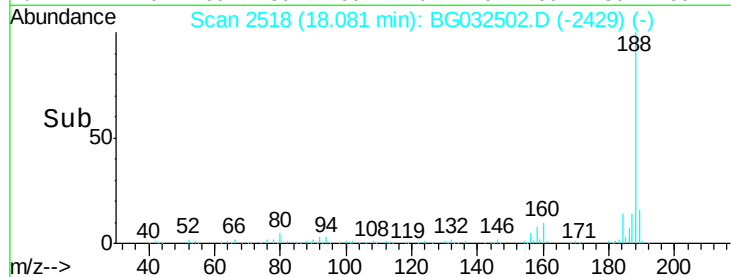
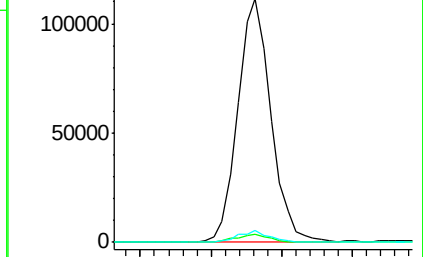
80 4.8 7.7 11.5#



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: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

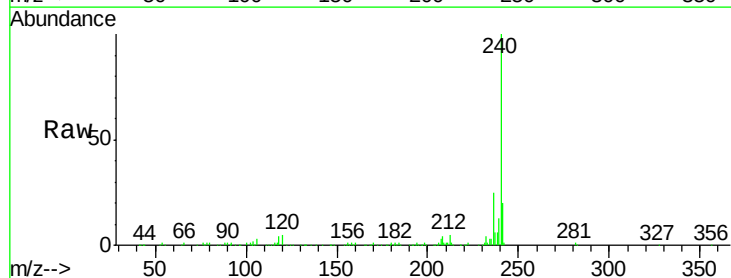
Tgt Ion:240 Resp: 250373

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

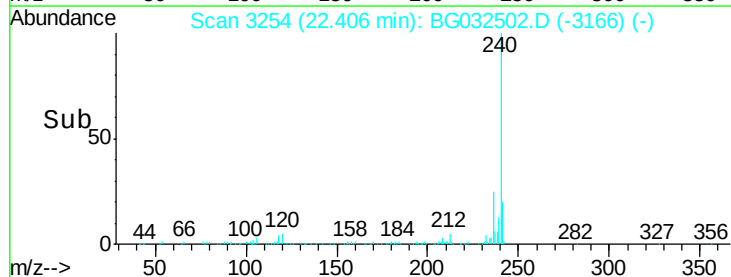
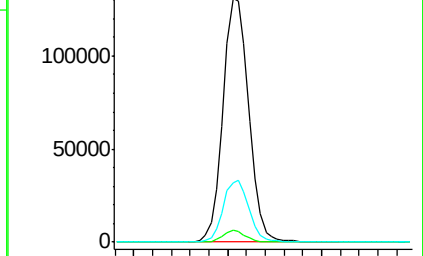
236 24.6 20.9 31.3

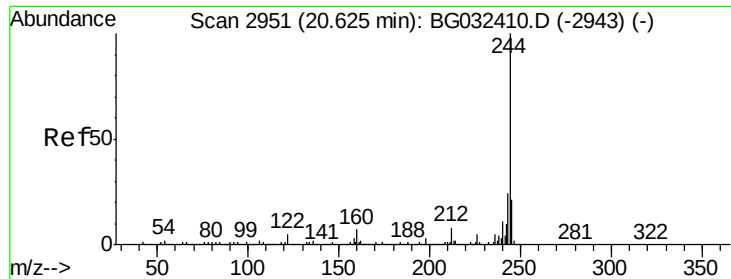


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 58.038 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

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BNA_G

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EPE-106-5(140-142)

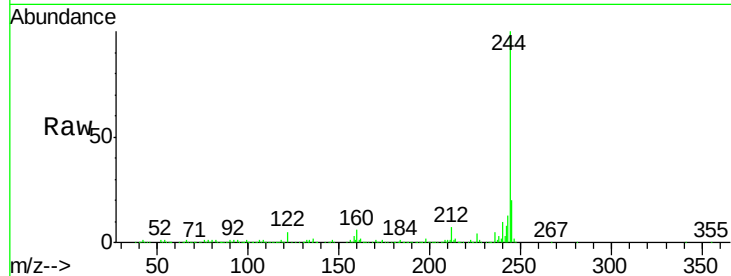
Tot Ion:244 Resp: 678364

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

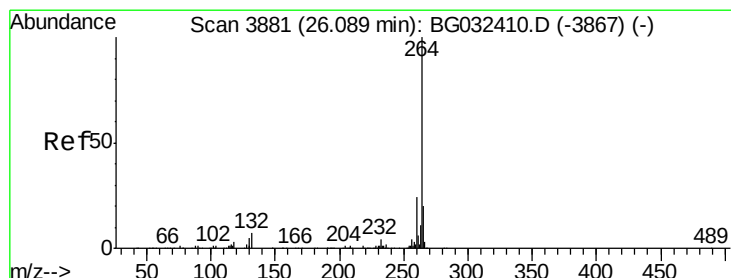
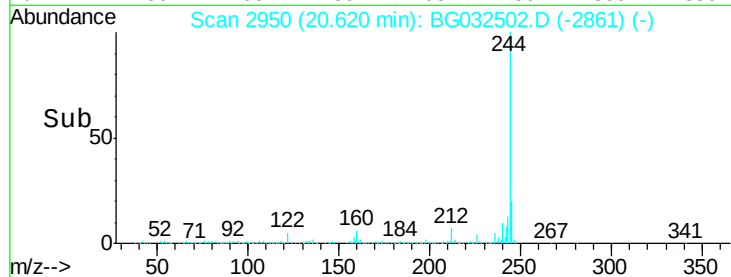
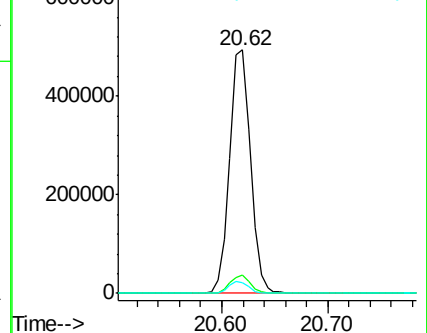
122 4.6 7.0 10.4#



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: 20.000 ng

RT: 26.08 min Scan# 3880

Delta R.T. -0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

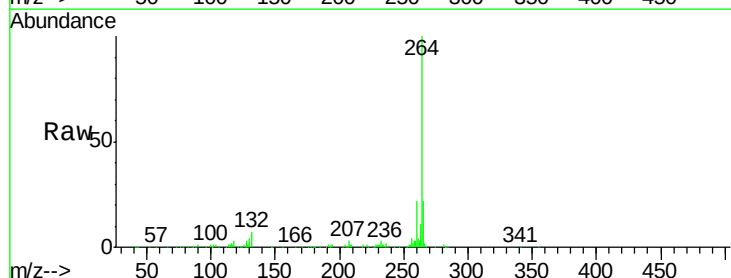
Tgt Ion:264 Resp: 268955

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 21.7 17.7 26.5



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

