

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022402.D
 Acq On : 18 Jun 2016 00:34
 Operator : UM/SJ
 Sample : H3597-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EDD-3E

Quant Time: Jun 18 01:27:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

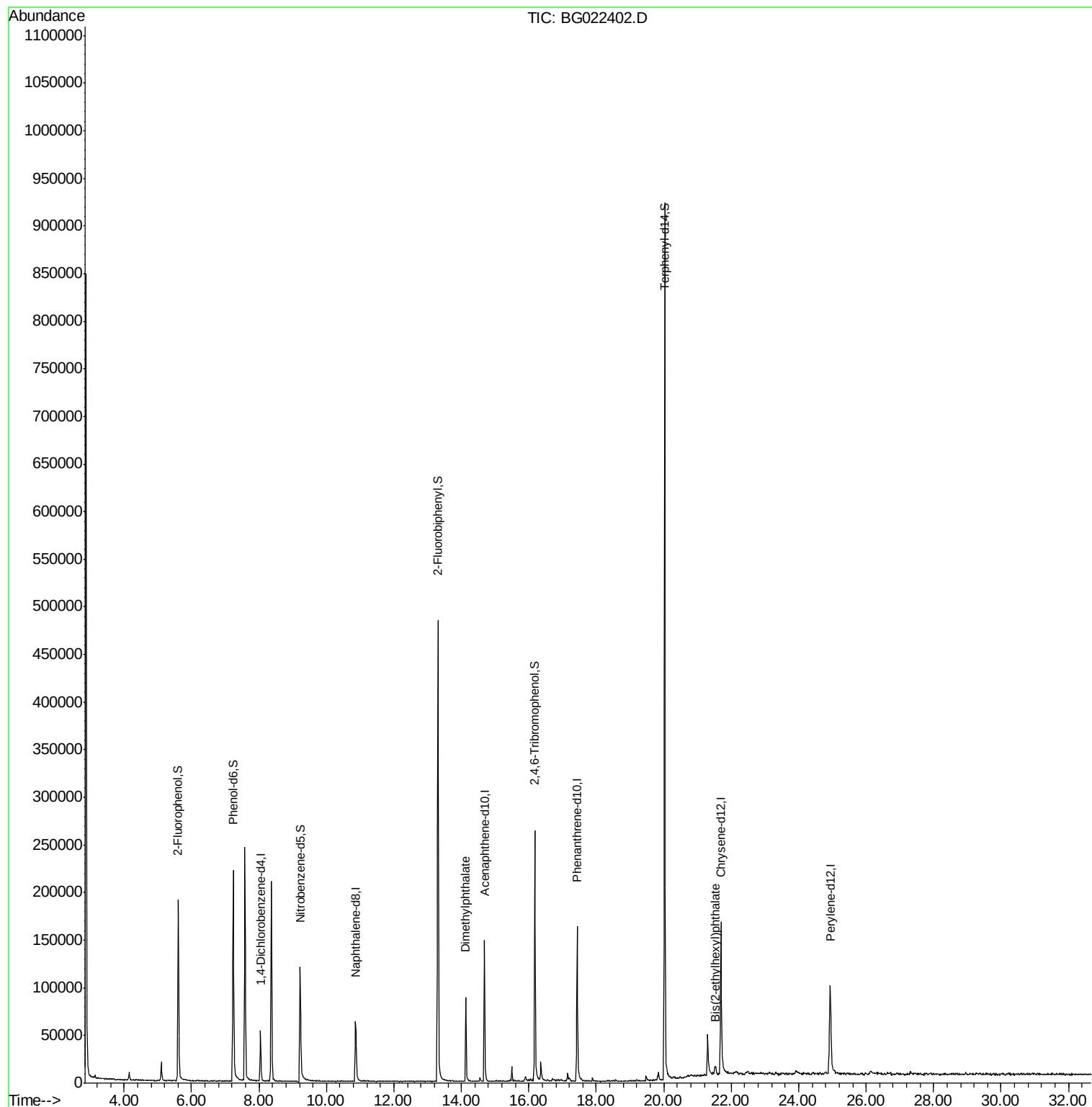
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	18823	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	86586	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	57617	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	132336	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	121158	20.00	ng	-0.05
86) Perylene-d12	24.94	264	109664	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	129423	132.94	ng	-0.03
7) Phenol-d6	7.23	99	211887	138.43	ng	-0.02
23) Nitrobenzene-d5	9.22	82	113707	91.55	ng	-0.04
41) 2,4,6-Tribromophenol	16.17	330	58487	89.84	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	322217	85.23	ng	-0.04
78) Terphenyl-d14	20.02	244	450729	88.32	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.13	163	82655	17.30	ng	Qvalue 98
83) Bis(2-ethylhexyl)phthalate	21.52	149	11005	2.14	ng	# 94

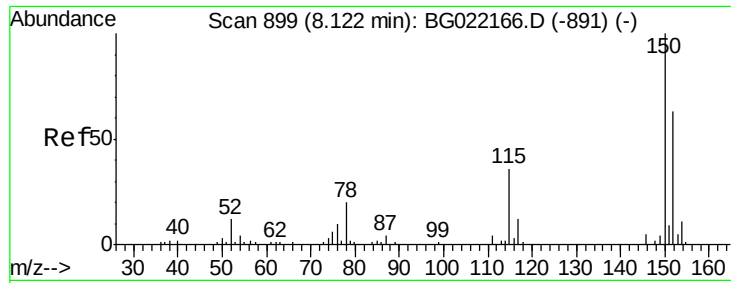
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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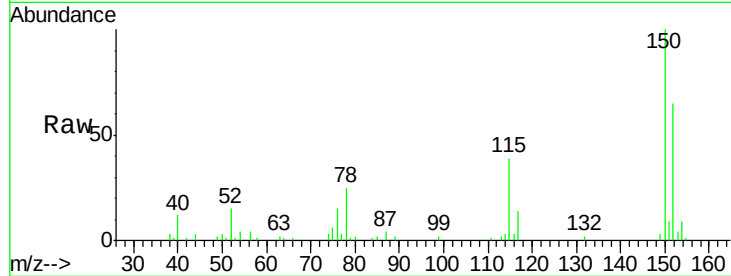


#1

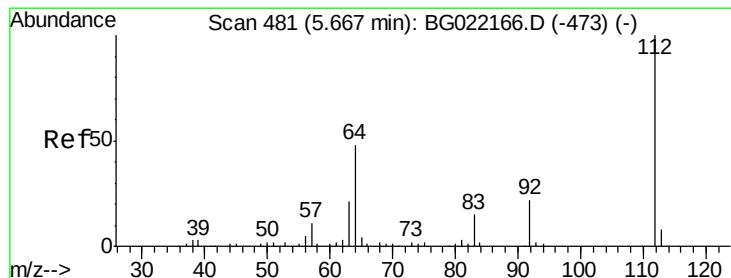
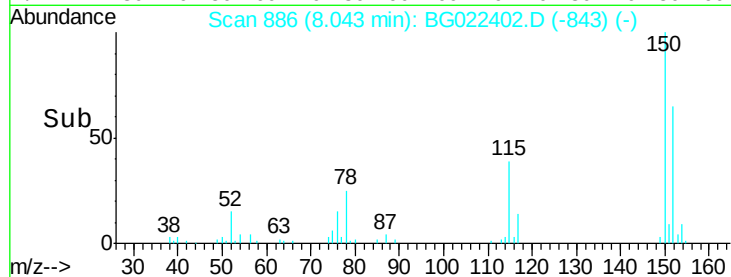
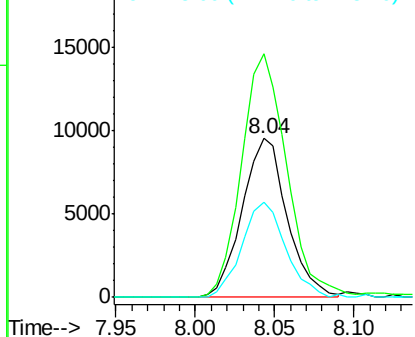
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. -0.05 min
Lab File: BG022402.D
Acq: 18 Jun 2016 00:34

Instrument :
BNA_G
ClientSampleId :
EDD-3E

Tgt Ion:152 Resp: 18823
Ion Ratio Lower Upper
152 100
150 153.4 130.1 195.1
115 60.3 62.2 93.2#



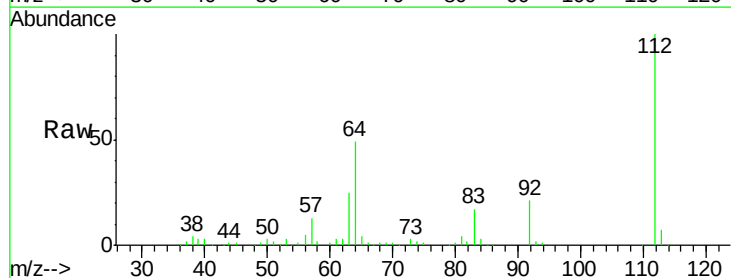
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



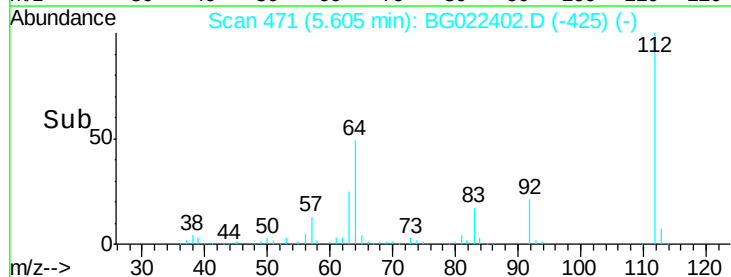
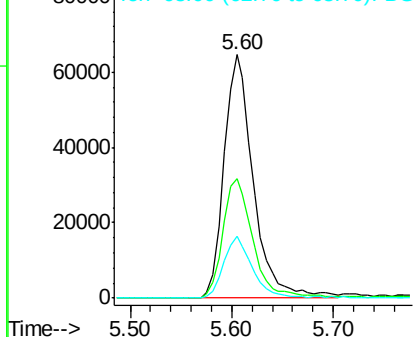
#5

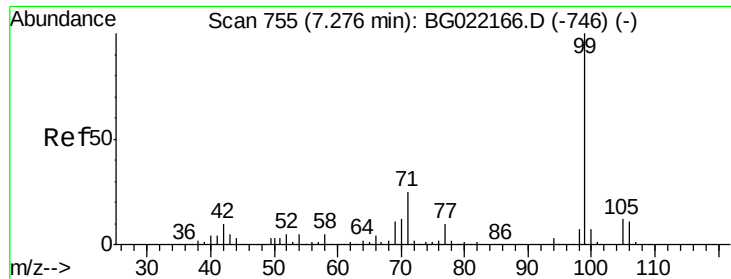
2-Fluorophenol
Concen: 132.94 ng
RT: 5.60 min Scan# 471
Delta R.T. -0.03 min
Lab File: BG022402.D
Acq: 18 Jun 2016 00:34

Tgt Ion:112 Resp: 129423
Ion Ratio Lower Upper
112 100
64 49.1 51.1 76.7#
63 25.4 24.6 37.0



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: 138.43 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022402.D

Acq: 18 Jun 2016 00:34

Instrument :

BNA_G

ClientSampleId :

EDD-3E

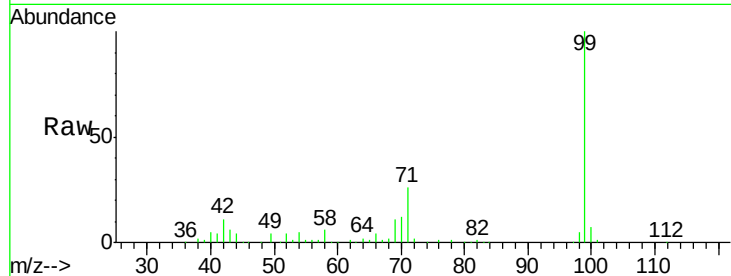
Tgt Ion: 99 Resp: 211887

Ion Ratio Lower Upper

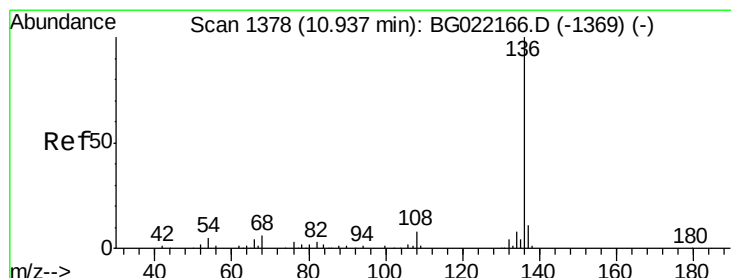
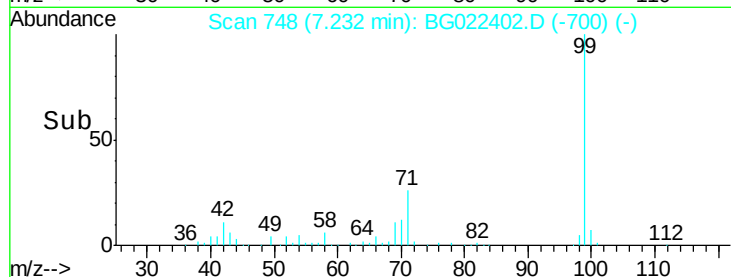
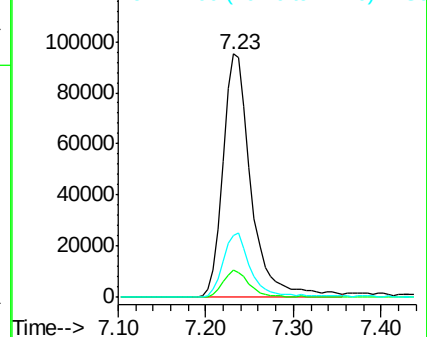
99 100

42 11.4 16.4 24.6#

71 25.5 25.0 37.4



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: 10.86 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022402.D

Acq: 18 Jun 2016 00:34

Tgt Ion: 136 Resp: 86586

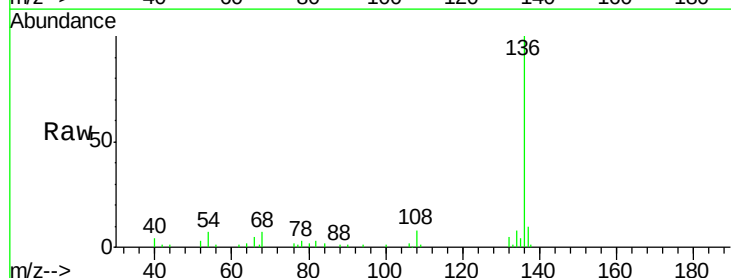
Ion Ratio Lower Upper

136 100

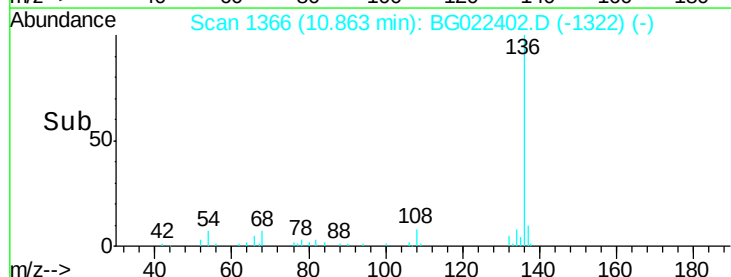
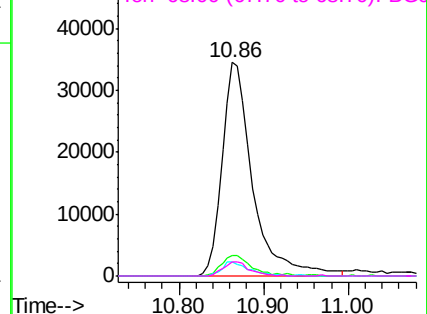
137 9.9 9.0 13.4

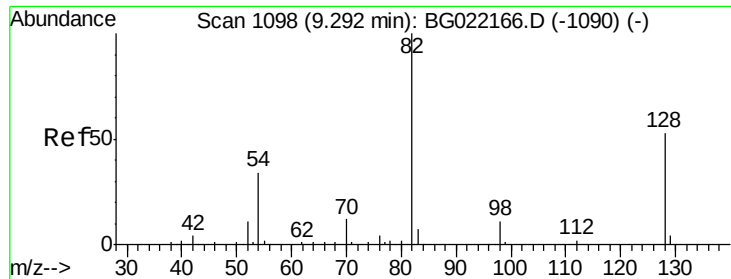
54 6.7 9.6 14.4#

68 6.7 6.4 9.6



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

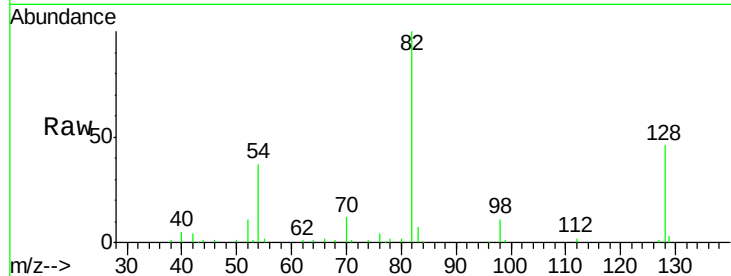




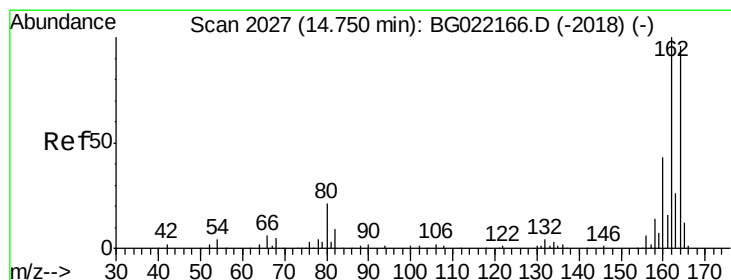
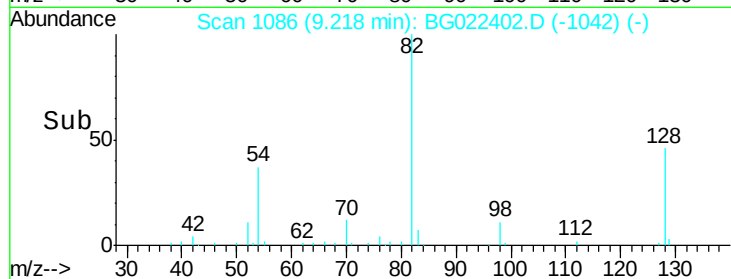
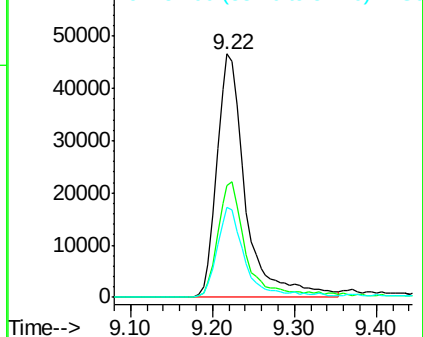
#23
 Nitrobenzene-d5
 Concen: 91.55 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.04 min
 Lab File: BG022402.D
 Acq: 18 Jun 2016 00:34

Instrument :
 BNA_G
 ClientSampleId :
 EDD-3E

Tgt Ion: 82 Resp: 113707
 Ion Ratio Lower Upper
 82 100
 128 45.9 33.4 50.0
 54 36.8 46.1 69.1#

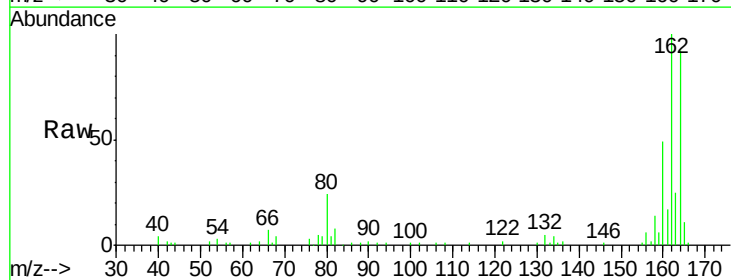


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

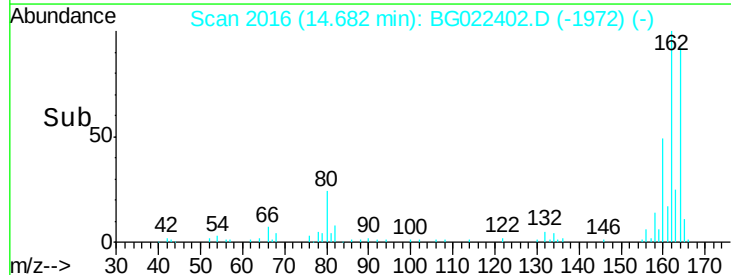
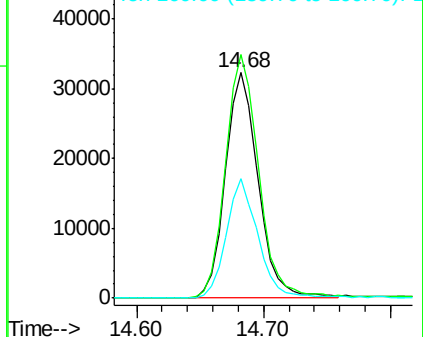


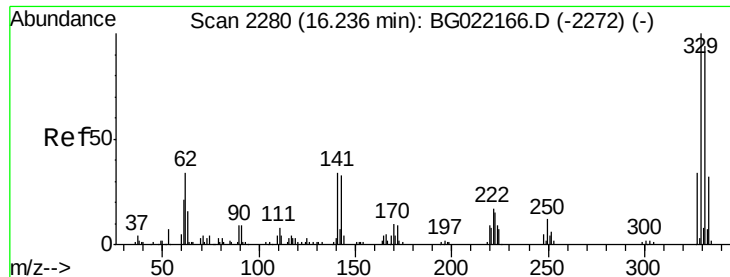
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BG022402.D
 Acq: 18 Jun 2016 00:34

Tgt Ion: 164 Resp: 57617
 Ion Ratio Lower Upper
 164 100
 162 108.1 78.0 117.0
 160 53.2 32.9 49.3#



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 89.84 ng

RT: 16.17 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BG022402.D

Acq: 18 Jun 2016 00:34

Instrument :

BNA_G

ClientSampleId :

EDD-3E

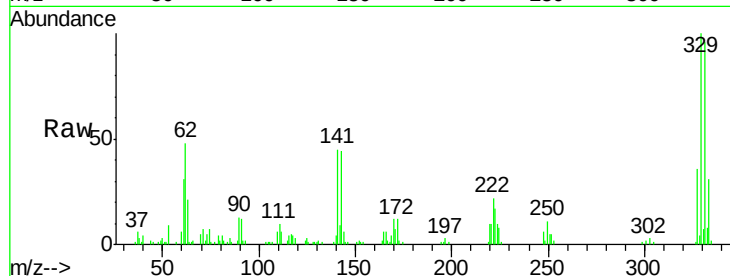
Tgt Ion:330 Resp: 58487

Ion Ratio Lower Upper

330 100

332 99.3 78.0 117.0

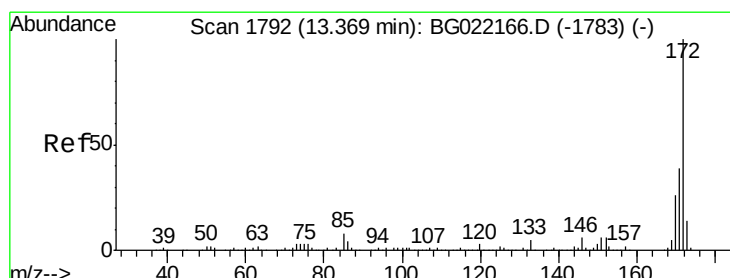
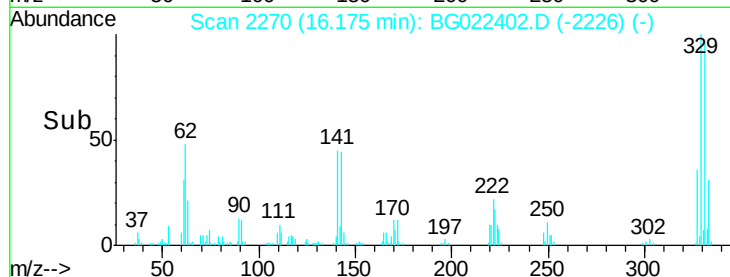
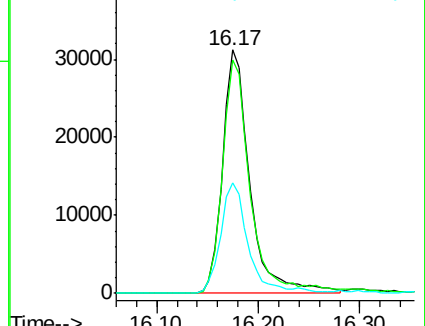
141 46.0 33.8 50.8



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: 85.23 ng

RT: 13.30 min Scan# 1781

Delta R.T. -0.04 min

Lab File: BG022402.D

Acq: 18 Jun 2016 00:34

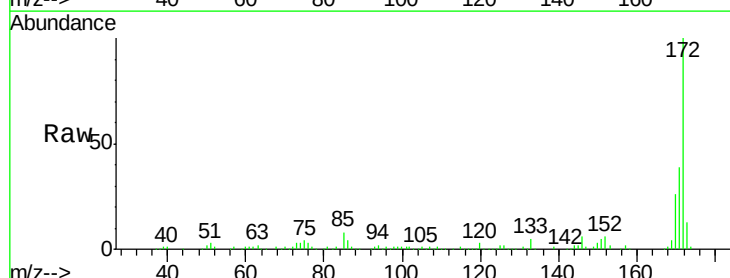
Tgt Ion:172 Resp: 322217

Ion Ratio Lower Upper

172 100

171 38.9 27.8 41.6

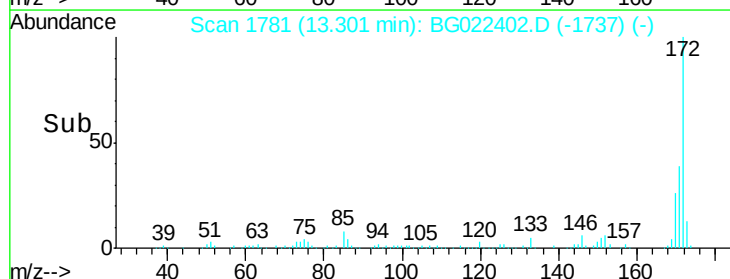
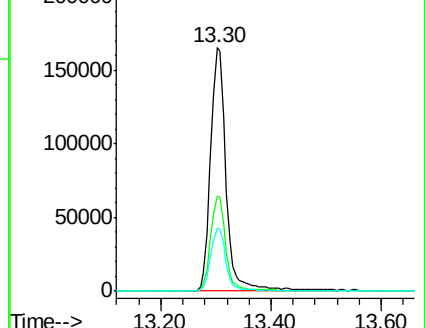
170 26.0 19.6 29.4

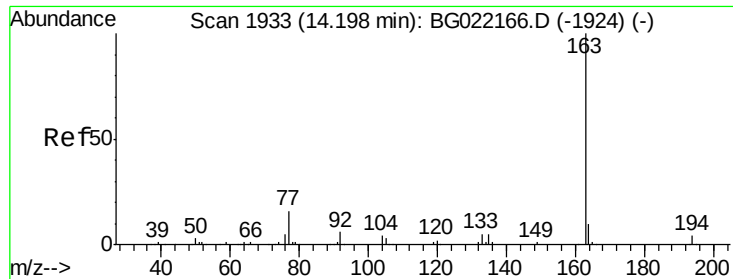


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

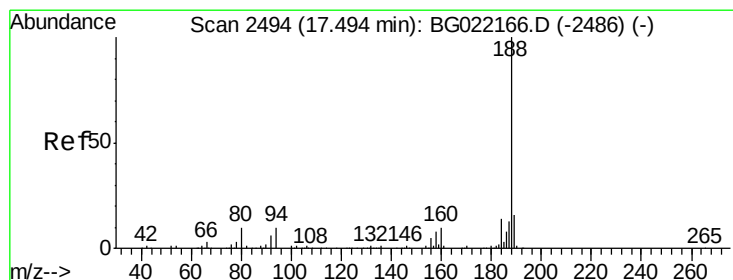
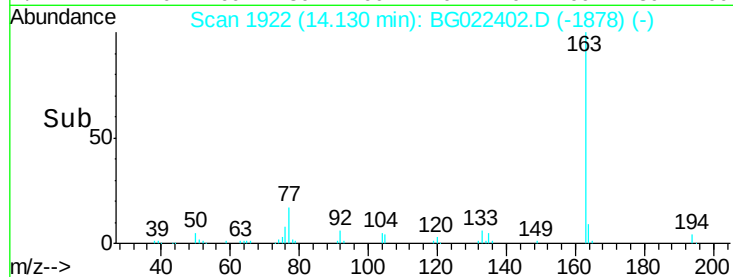
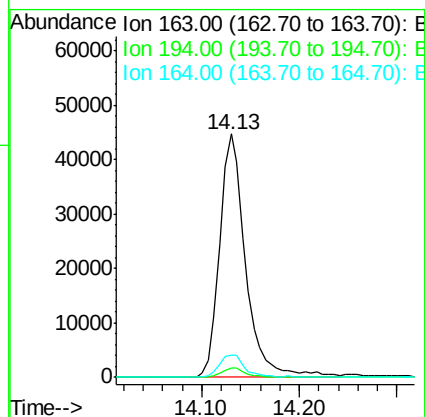
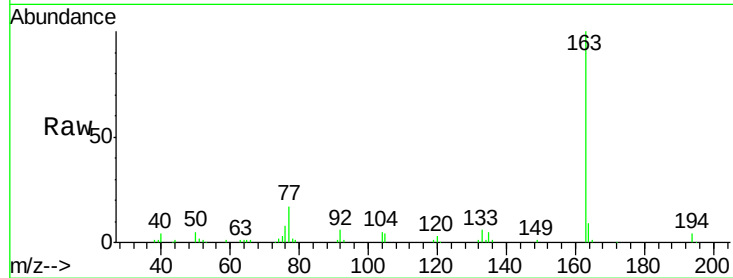




#49
Dimethylphthalate
Concen: 17.30 ng
RT: 14.13 min Scan# 1922
Delta R.T. -0.04 min
Lab File: BG022402.D
Acq: 18 Jun 2016 00:34

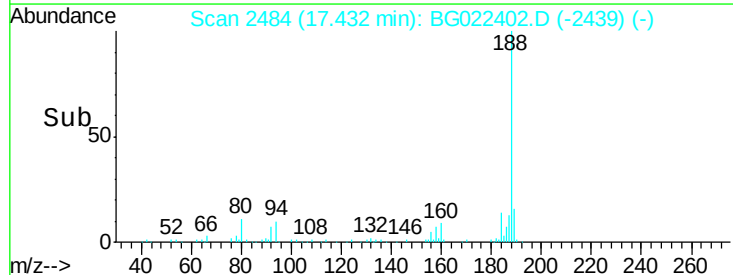
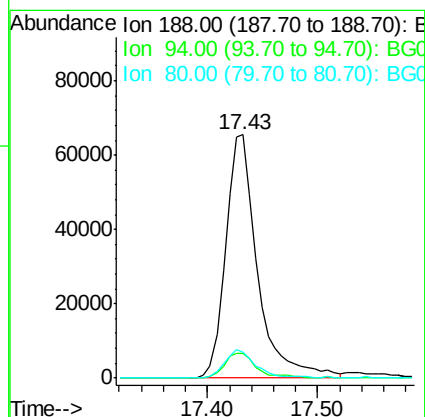
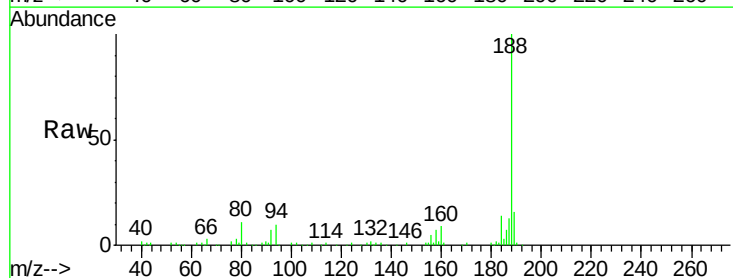
Instrument :
BNA_G
ClientSampleId :
EDD-3E

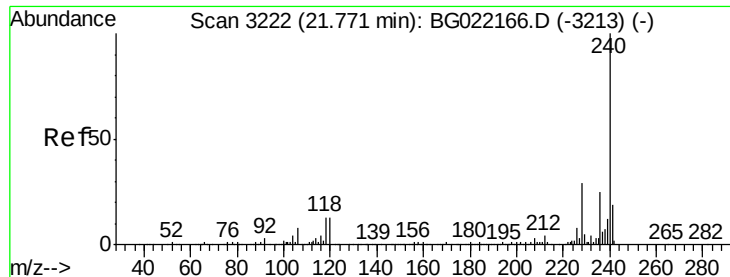
Tgt Ion:163 Resp: 82655
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.4 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2484
Delta R.T. -0.04 min
Lab File: BG022402.D
Acq: 18 Jun 2016 00:34

Tgt Ion:188 Resp: 132336
Ion Ratio Lower Upper
188 100
94 10.4 7.5 11.3
80 10.6 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3209

Delta R.T. -0.05 min

Lab File: BG022402.D

Acq: 18 Jun 2016 00:34

Instrument :

BNA_G

ClientSampleId :

EDD-3E

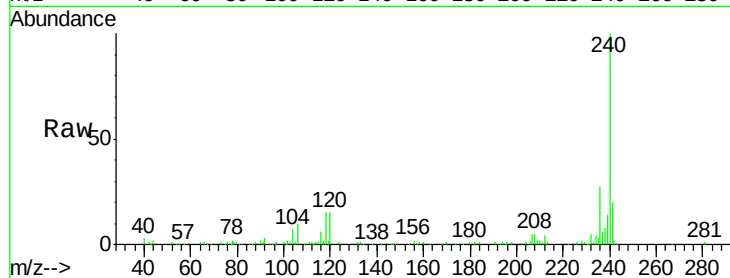
Tgt Ion:240 Resp: 121158

Ion Ratio Lower Upper

240 100

120 14.5 8.4 12.6#

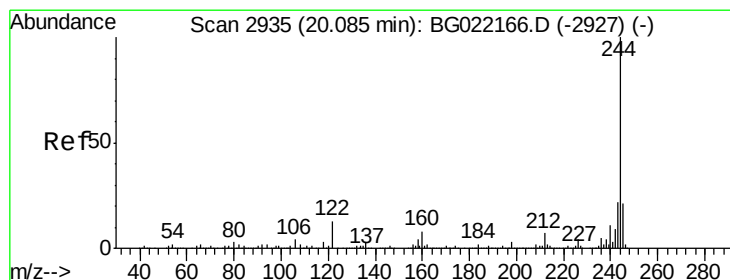
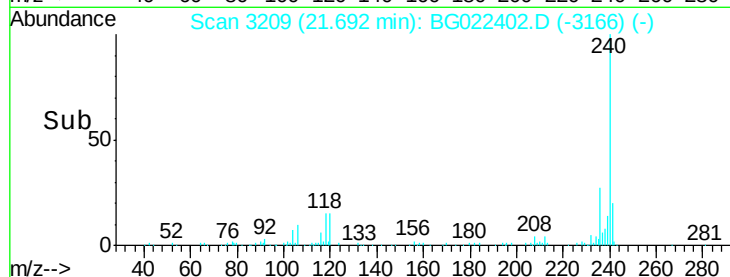
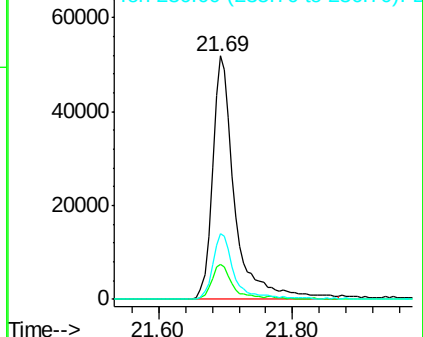
236 27.2 19.6 29.4



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: 88.32 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022402.D

Acq: 18 Jun 2016 00:34

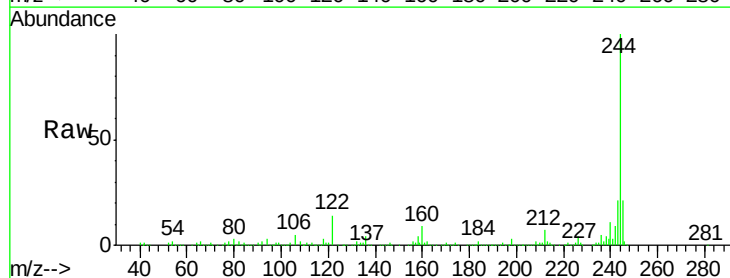
Tgt Ion:244 Resp: 450729

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

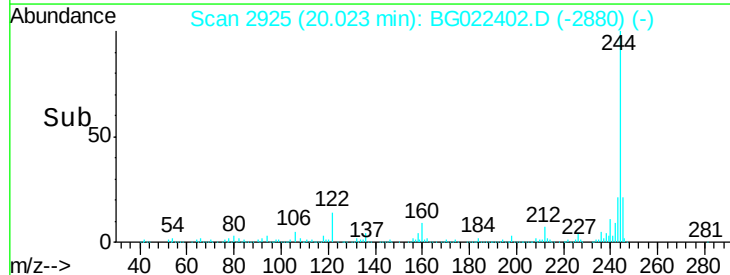
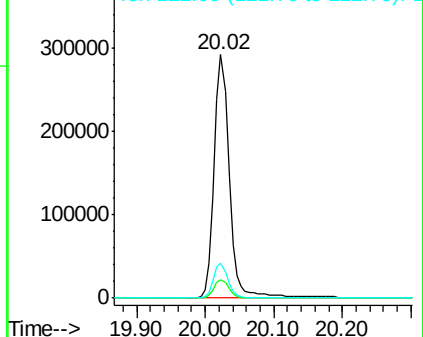
122 14.4 8.6 12.8#

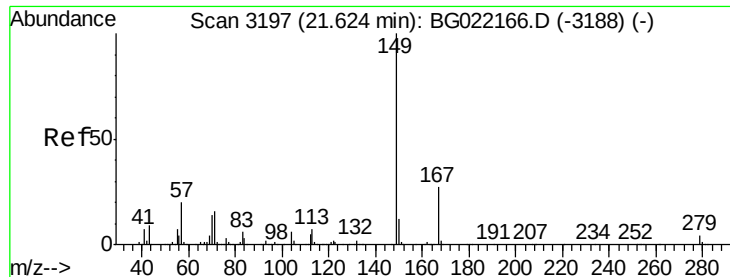


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

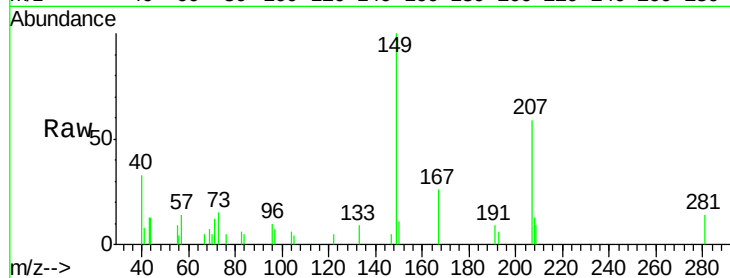




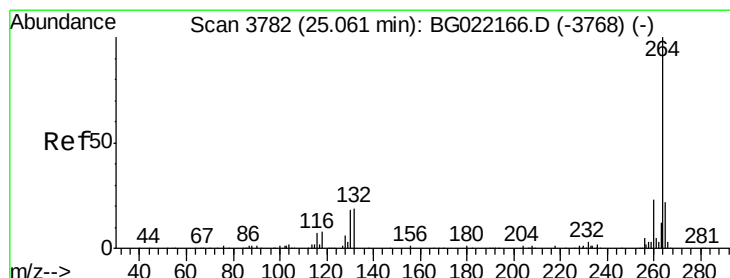
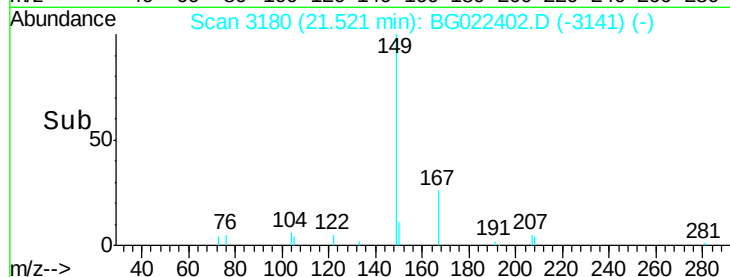
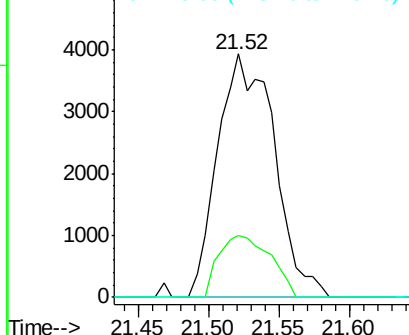
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.14 ng
 RT: 21.52 min Scan# 3180
 Delta R.T. -0.07 min
 Lab File: BG022402.D
 Acq: 18 Jun 2016 00:34

Instrument :
 BNA_G
 ClientSampleId :
 EDD-3E

Tgt Ion:149 Resp: 11005
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.4 33.6
 279 0.0 3.2 4.8#

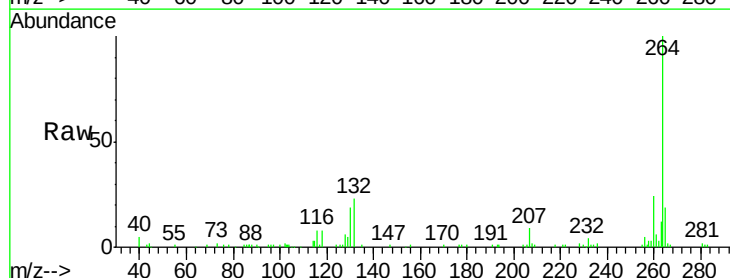


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.94 min Scan# 3762
 Delta R.T. -0.07 min
 Lab File: BG022402.D
 Acq: 18 Jun 2016 00:34

Tgt Ion:264 Resp: 109664
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.2 30.4
 265 18.7 17.8 26.8



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

