

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022183.D
 Acq On : 7 Jun 2016 00:29
 Operator : UM/SJ
 Sample : H3402-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-16

Quant Time: Jun 07 03:23:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

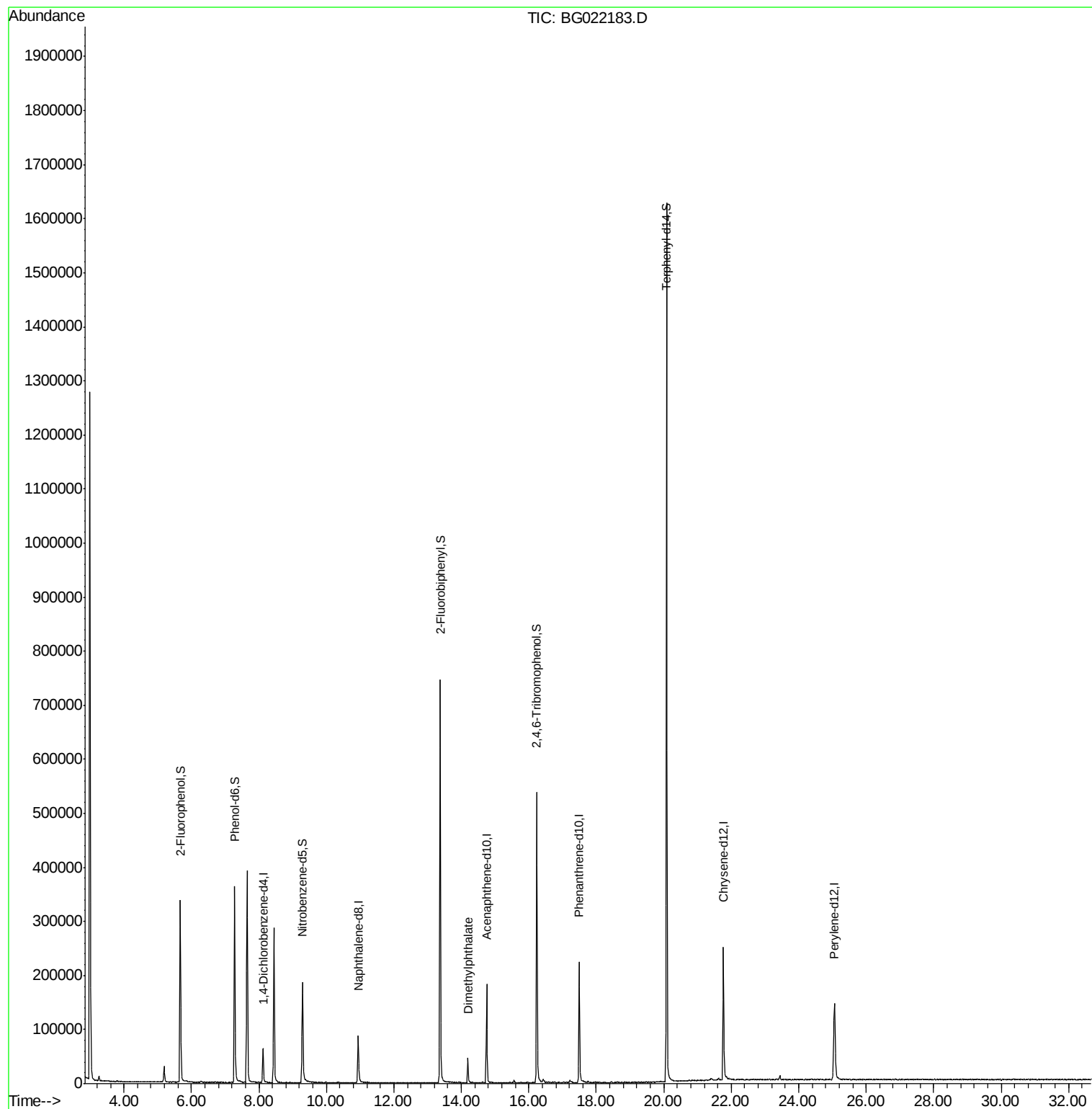
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25130	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	114545	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	73537	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	172561	20.00	ng	0.00
75) Chrysene-d12	21.77	240	181587	20.00	ng	0.00
86) Perylene-d12	25.06	264	177222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	229326	176.44	ng	0.00
7) Phenol-d6	7.28	99	327168	160.10	ng	0.00
23) Nitrobenzene-d5	9.29	82	165939	101.00	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	127705	153.69	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	466367	96.65	ng	0.00
78) Terphenyl-d14	20.08	244	783073	102.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	44440	7.29	ng	Qvalue 96

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

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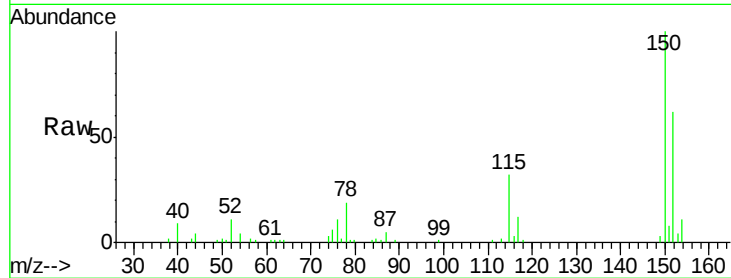


#1

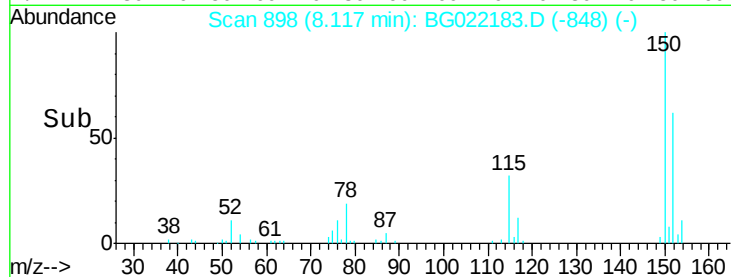
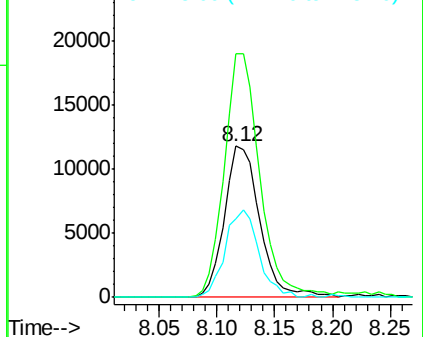
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022183.D
Acq: 7 Jun 2016 00:29

Instrument :
BNA_G
ClientSampleId :
SB-16

Tgt Ion:152 Resp: 25130
Ion Ratio Lower Upper
152 100
150 161.2 130.1 195.1
115 52.0 62.2 93.2#



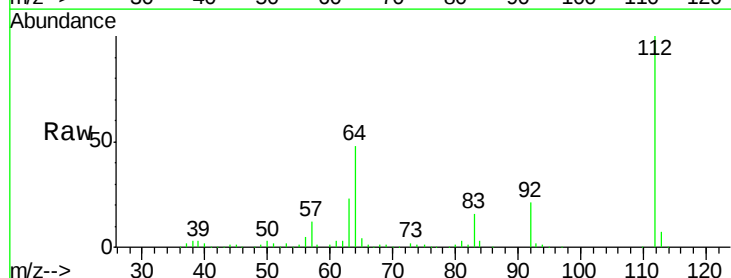
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



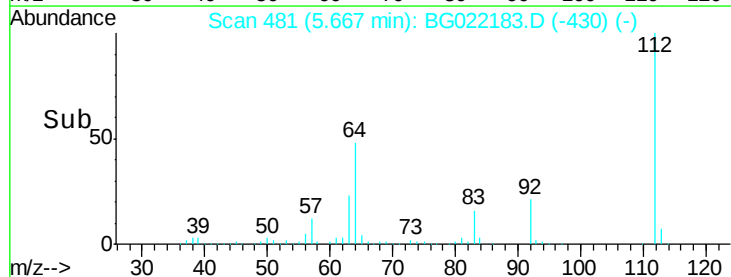
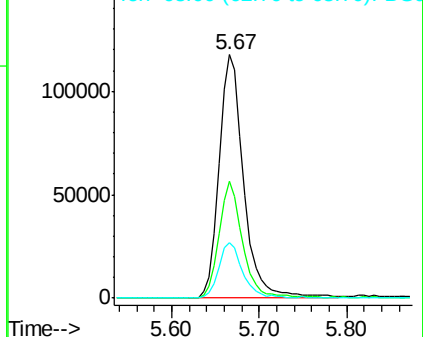
#5

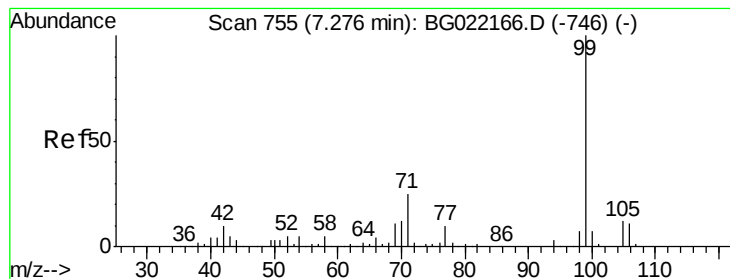
2-Fluorophenol
Concen: 176.44 ng
RT: 5.67 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG022183.D
Acq: 7 Jun 2016 00:29

Tgt Ion:112 Resp: 229326
Ion Ratio Lower Upper
112 100
64 47.9 51.1 76.7#
63 22.6 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: 160.10 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022183.D

Acq: 7 Jun 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-16

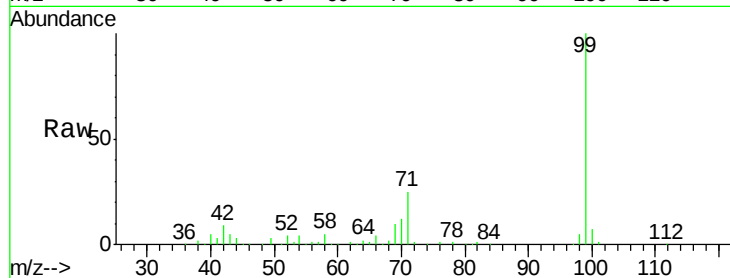
Tgt Ion: 99 Resp: 327168

Ion Ratio Lower Upper

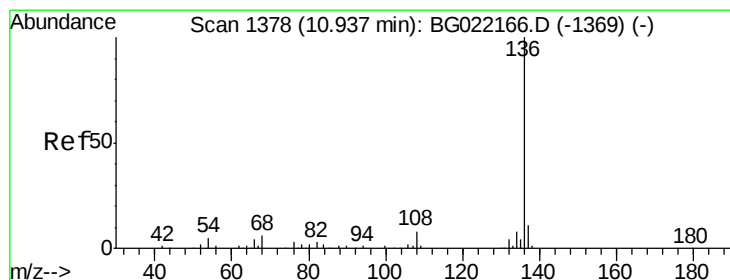
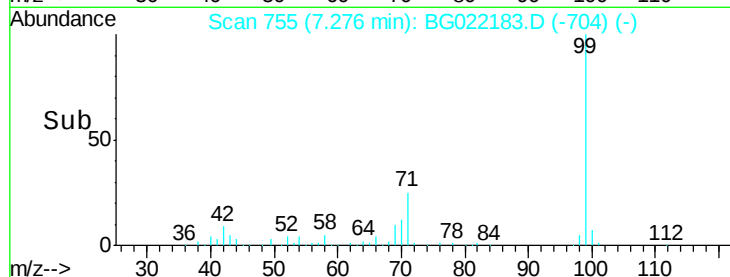
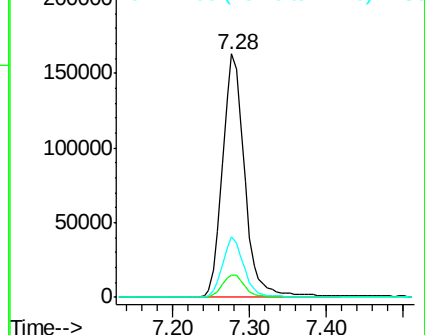
99 100

42 9.4 16.4 24.6#

71 24.9 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: 10.94 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BG022183.D

Acq: 7 Jun 2016 00:29

Tgt Ion: 136 Resp: 114545

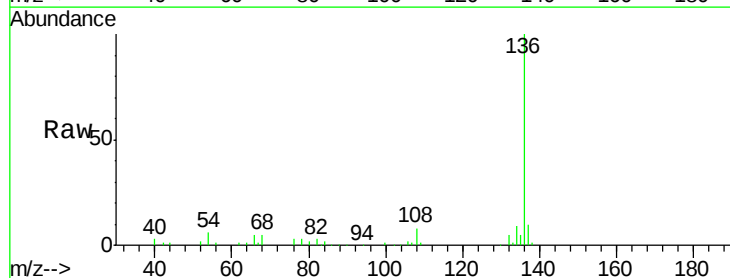
Ion Ratio Lower Upper

136 100

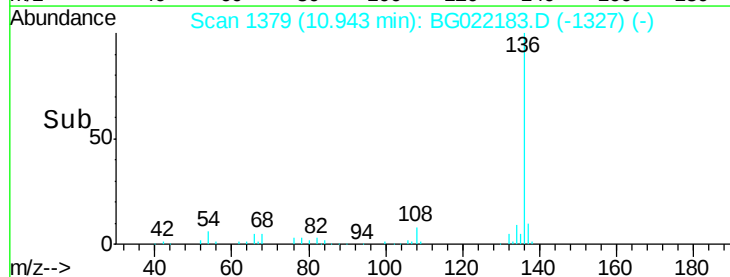
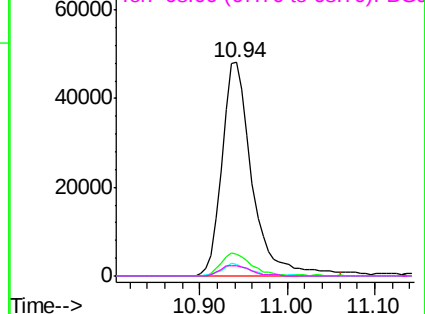
137 10.2 9.0 13.4

54 5.6 9.6 14.4#

68 5.1 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

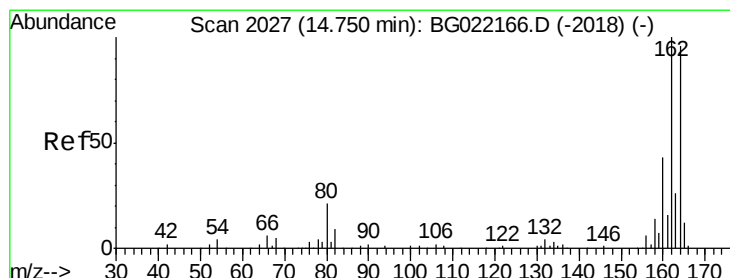
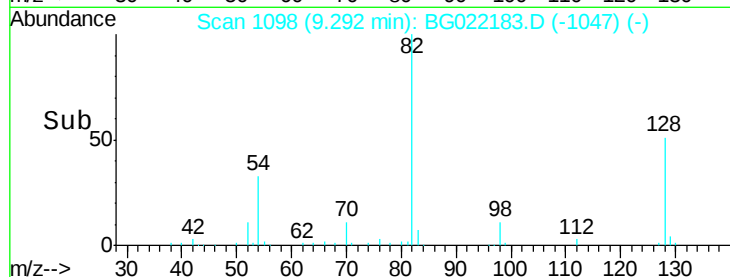
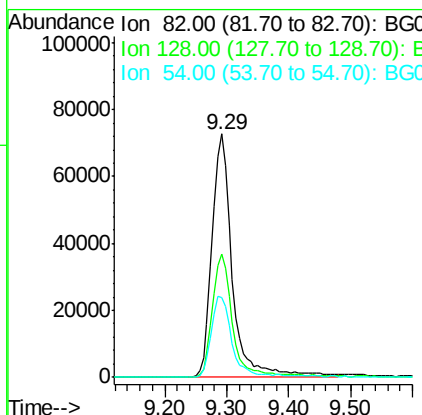
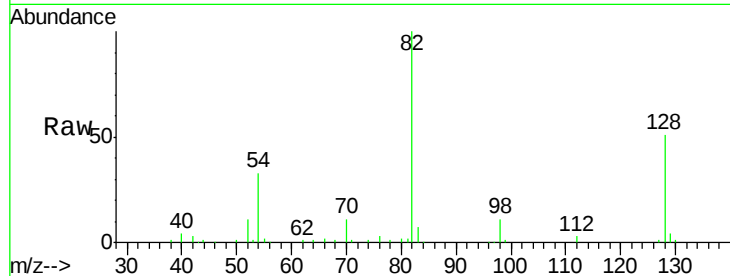




#23
 Nitrobenzene-d5
 Concen: 101.00 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BG022183.D
 Acq: 7 Jun 2016 00:29

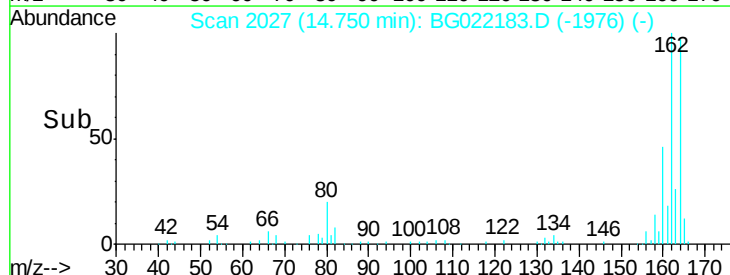
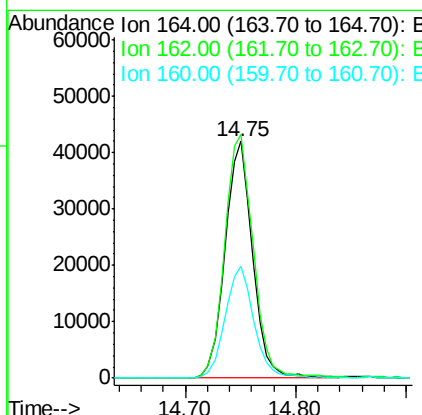
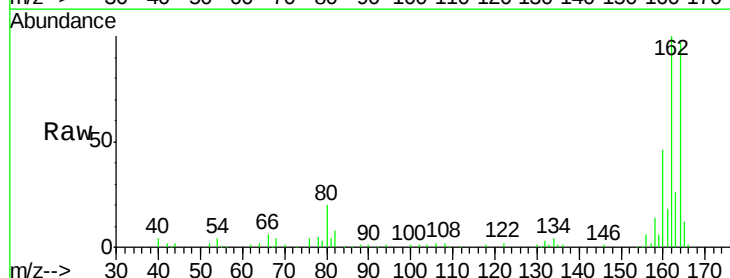
Instrument :
 BNA_G
 ClientSampleId :
 SB-16

Tgt Ion: 82 Resp: 165939
 Ion Ratio Lower Upper
 82 100
 128 50.7 33.4 50.0#
 54 33.0 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BG022183.D
 Acq: 7 Jun 2016 00:29

Tgt Ion: 164 Resp: 73537
 Ion Ratio Lower Upper
 164 100
 162 102.7 78.0 117.0
 160 47.4 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 153.69 ng

RT: 16.24 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG022183.D

Acq: 7 Jun 2016 00:29

Instrument :

BNA_G

ClientSampled :

SB-16

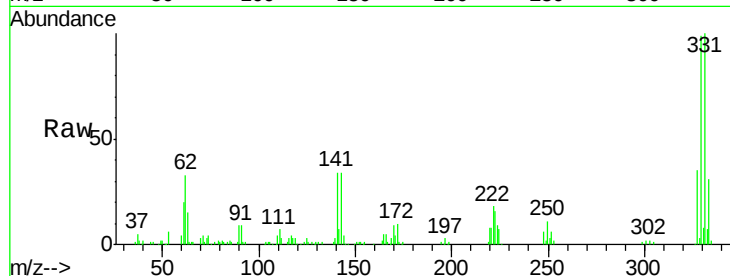
Tgt Ion:330 Resp: 127705

Ion Ratio Lower Upper

330 100

332 99.0 78.0 117.0

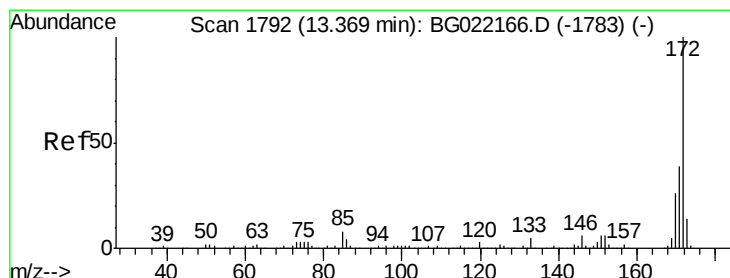
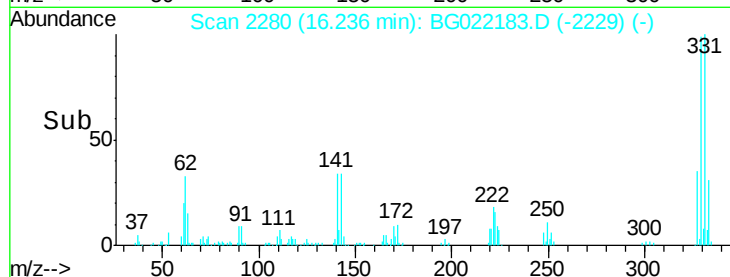
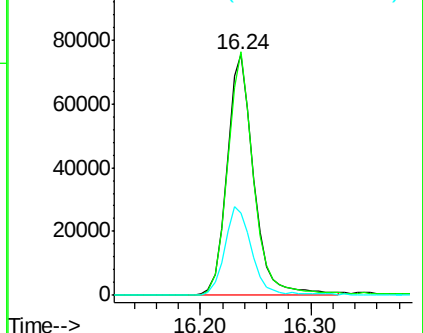
141 37.0 33.8 50.8



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: 96.65 ng

RT: 13.37 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BG022183.D

Acq: 7 Jun 2016 00:29

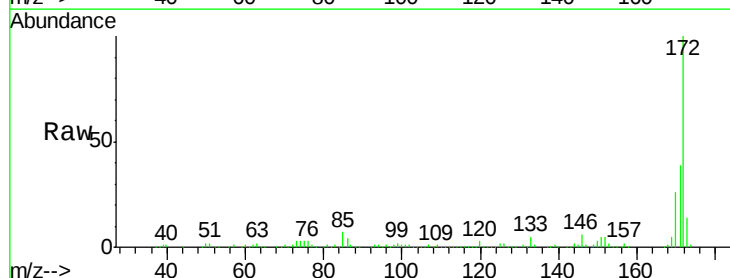
Tgt Ion:172 Resp: 466367

Ion Ratio Lower Upper

172 100

171 38.9 27.8 41.6

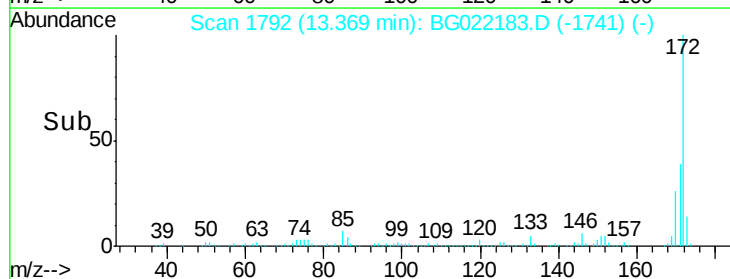
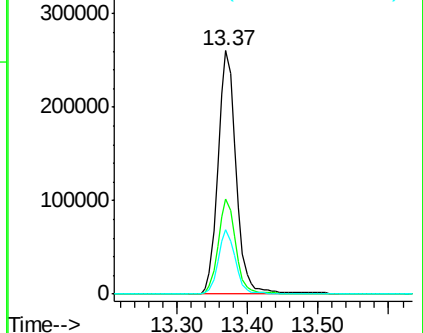
170 26.5 19.6 29.4

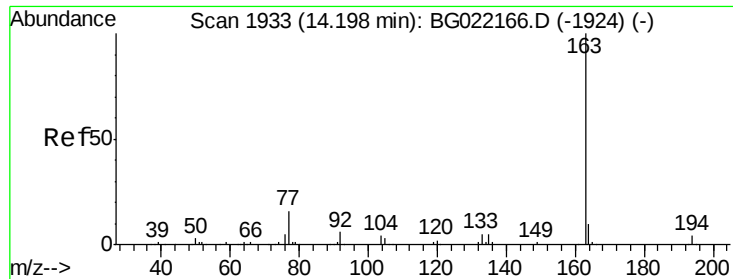


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

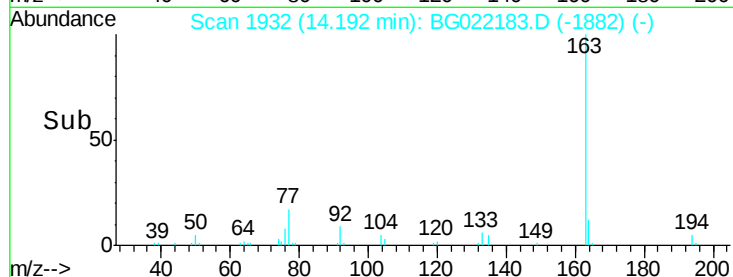
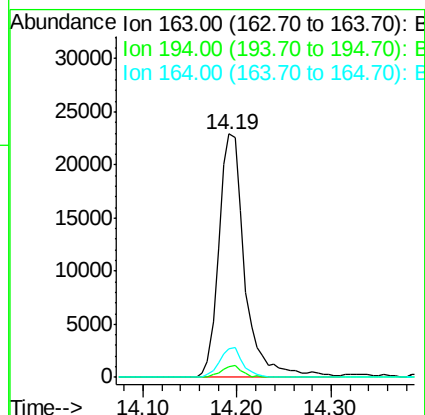
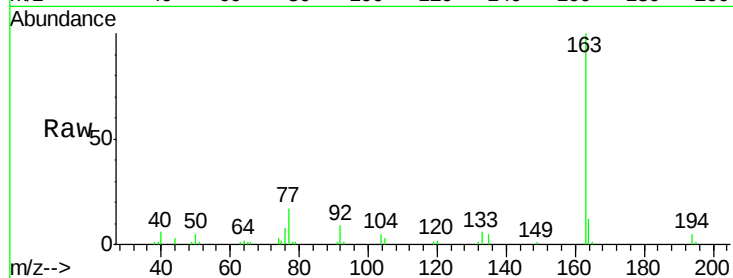




#49
Dimethylphthalate
Concen: 7.29 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022183.D
Acq: 7 Jun 2016 00:29

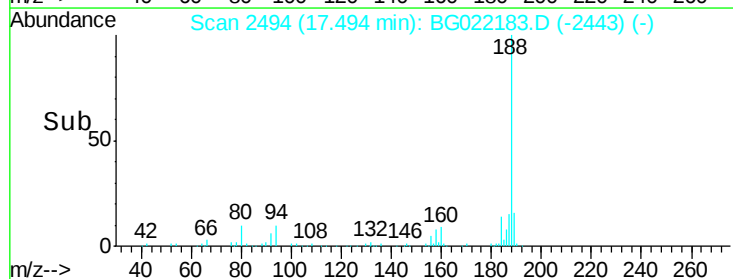
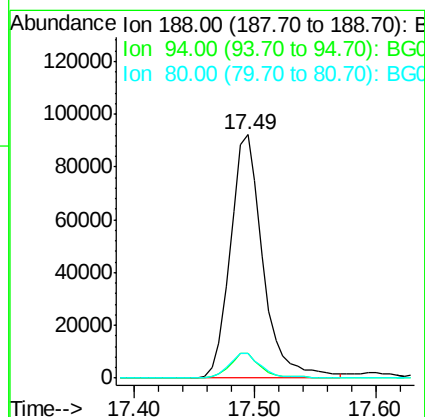
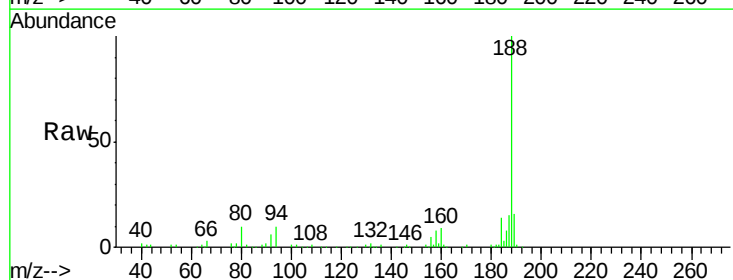
Instrument :
BNA_G
ClientSampleId :
SB-16

Tgt Ion:163 Resp: 44440
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 11.8 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG022183.D
Acq: 7 Jun 2016 00:29

Tgt Ion:188 Resp: 172561
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.2 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022183.D

Acq: 7 Jun 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-16

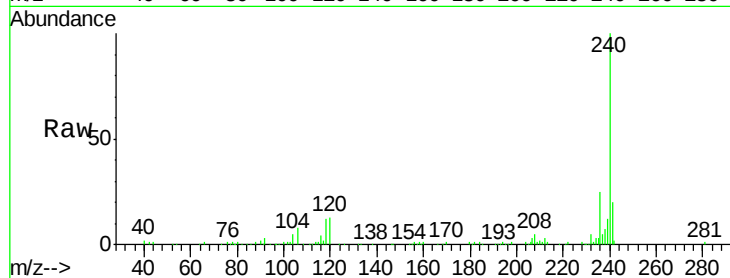
Tgt Ion:240 Resp: 181587

Ion Ratio Lower Upper

240 100

120 13.2 8.4 12.6#

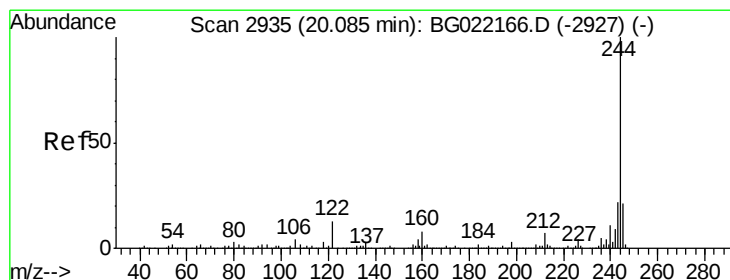
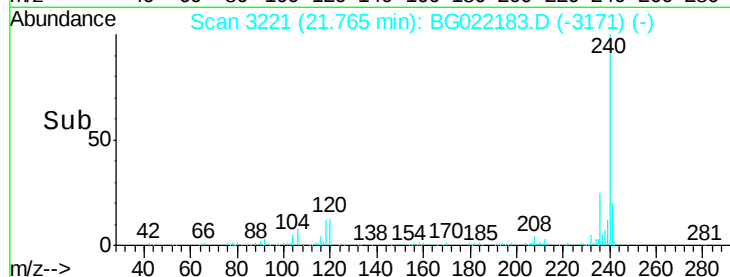
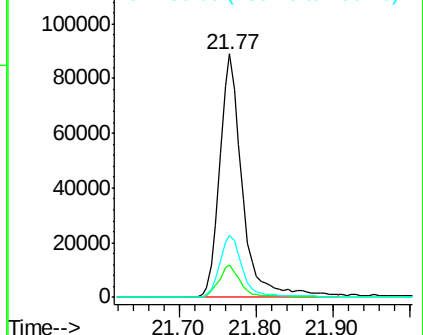
236 25.4 19.6 29.4



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: 102.38 ng

RT: 20.08 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022183.D

Acq: 7 Jun 2016 00:29

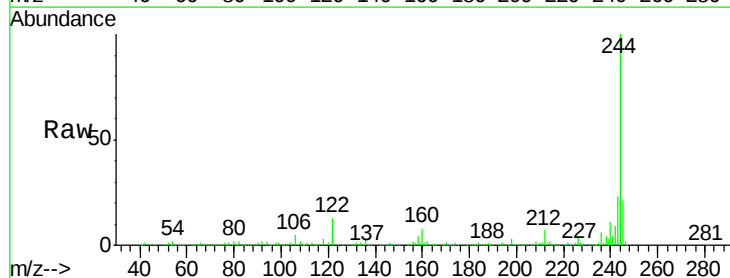
Tgt Ion:244 Resp: 783073

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

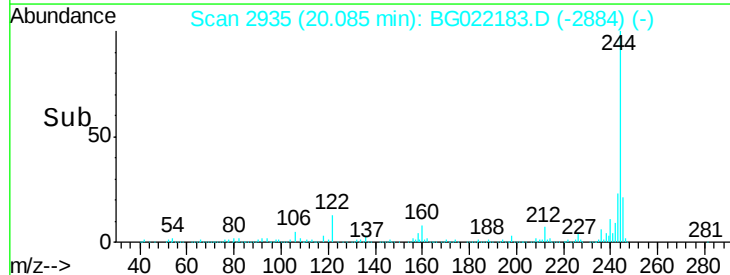
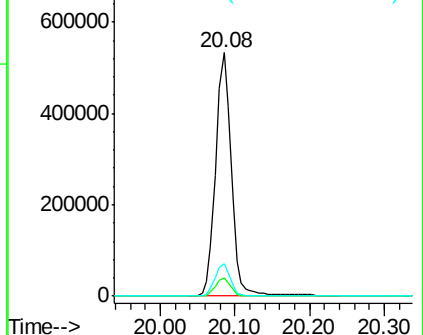
122 13.1 8.6 12.8#

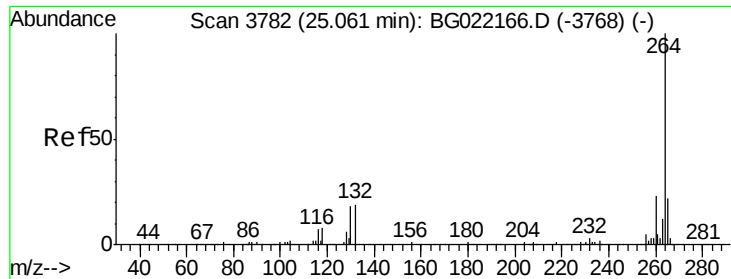


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

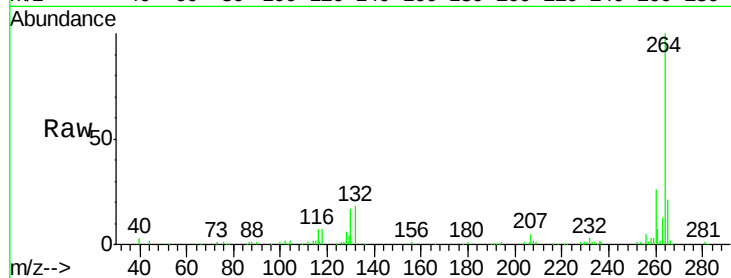




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. 0.00 min
Lab File: BG022183.D
Acq: 7 Jun 2016 00:29

Instrument :
BNA_G
ClientSampleId :
SB-16

Tgt Ion: 264 Resp: 177222
Ion Ratio Lower Upper
264 100
260 26.3 20.2 30.4
265 21.5 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

