

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022179.D
 Acq On : 6 Jun 2016 21:46
 Operator : UM/SJ
 Sample : H3404-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-19-20

Quant Time: Jun 07 03:22:01 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

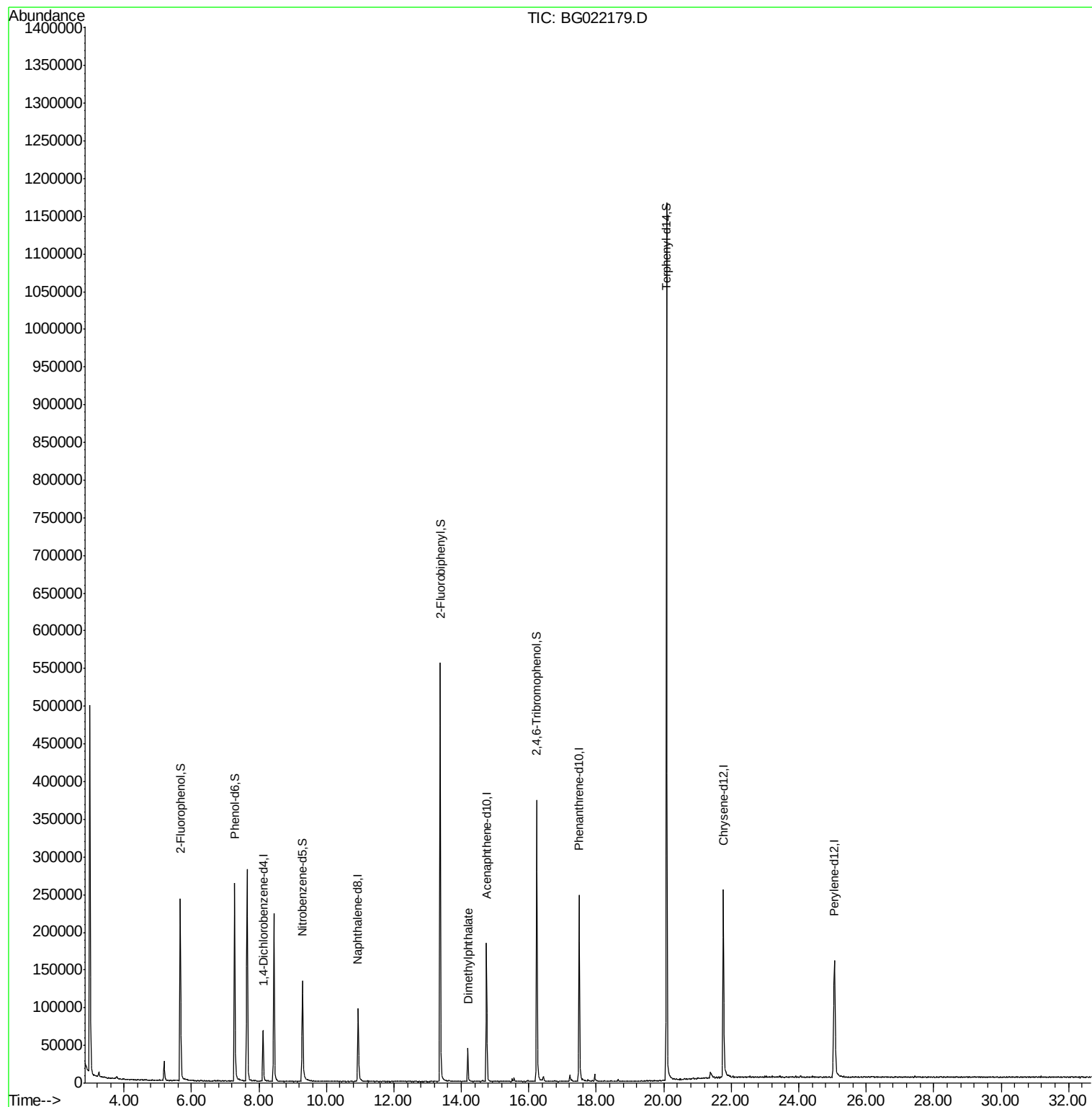
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27195	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	118309	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	75764	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	181113	20.00	ng	0.00
75) Chrysene-d12	21.77	240	195253	20.00	ng	0.00
86) Perylene-d12	25.06	264	187270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	168449	119.76	ng	0.00
7) Phenol-d6	7.28	99	237811	107.54	ng	0.00
23) Nitrobenzene-d5	9.29	82	117887	69.47	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	89807	104.90	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	347105	69.82	ng	0.00
78) Terphenyl-d14	20.09	244	597033	72.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	40653	6.47	ng	Qvalue 99

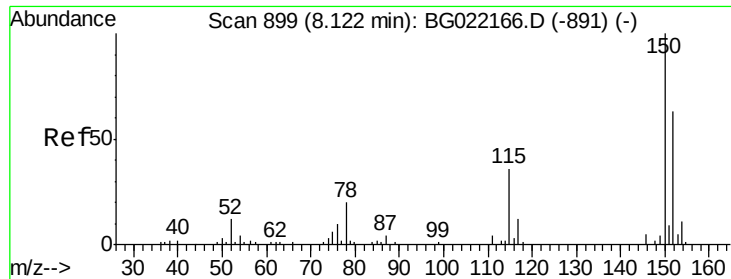
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022179.D

Acq: 6 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

B1-19-20

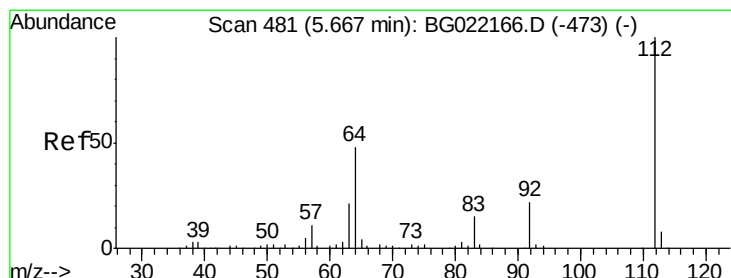
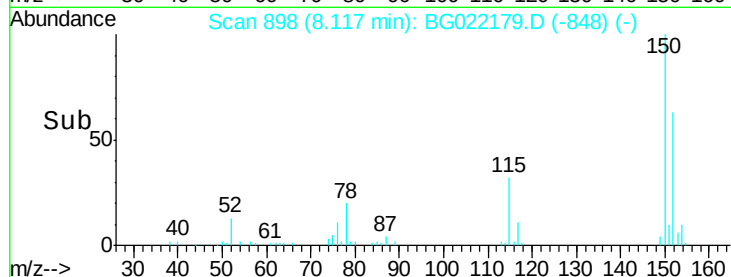
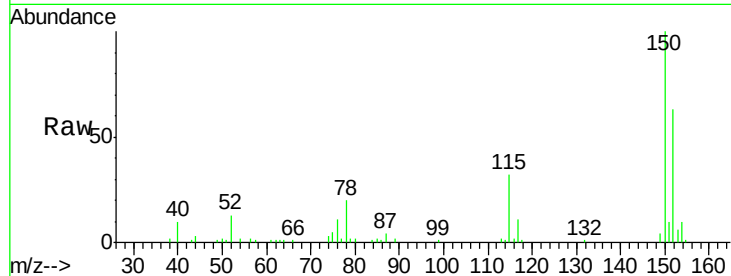
Tgt Ion:152 Resp: 27195

Ion Ratio Lower Upper

152 100

150 157.9 130.1 195.1

115 50.7 62.2 93.2#



#5

2-Fluorophenol

Concen: 119.76 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022179.D

Acq: 6 Jun 2016 21:46

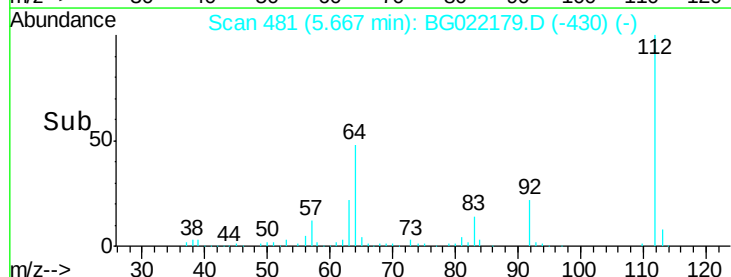
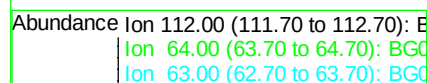
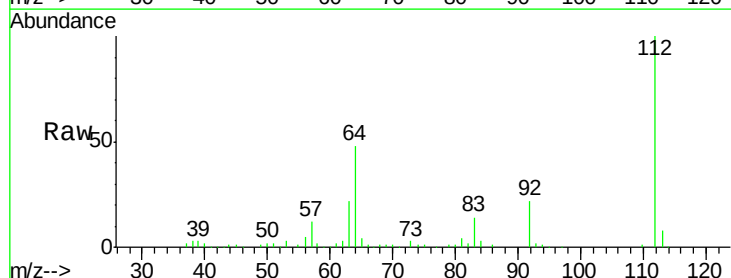
Tgt Ion:112 Resp: 168449

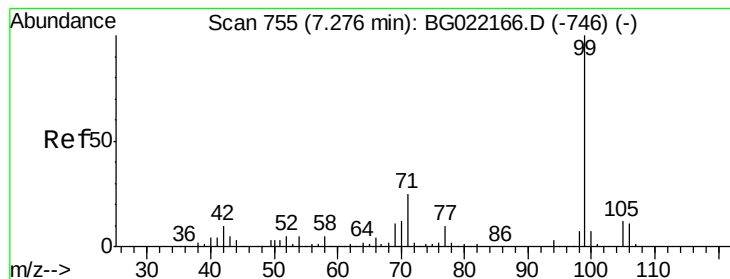
Ion Ratio Lower Upper

112 100

64 47.7 51.1 76.7#

63 21.8 24.6 37.0#





#7

Phenol-d6

Concen: 107.54 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022179.D

Acq: 6 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

B1-19-20

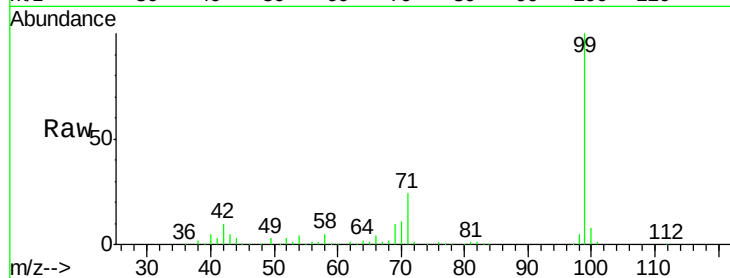
Tgt Ion: 99 Resp: 237811

Ion Ratio Lower Upper

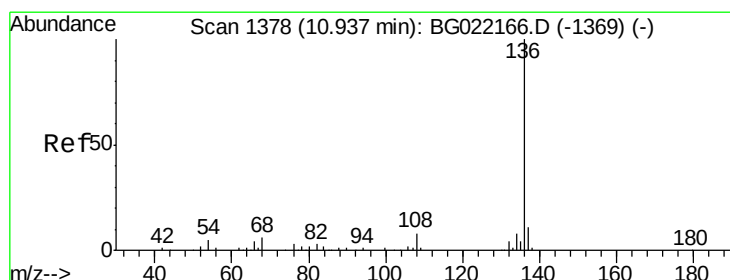
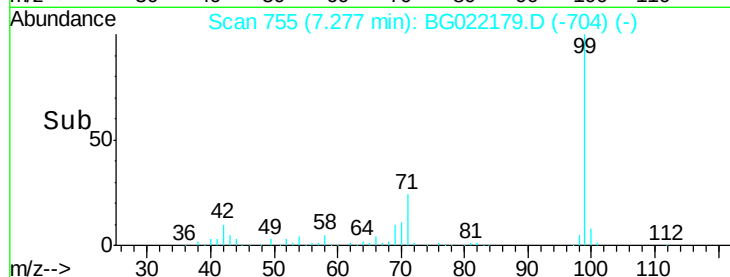
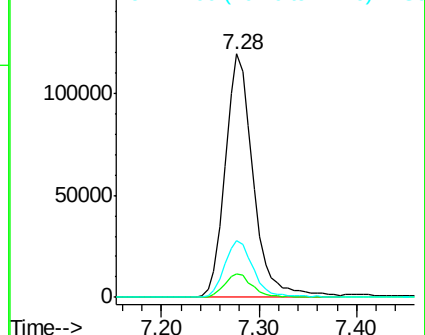
99 100

42 9.6 16.4 24.6#

71 23.5 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: 10.94 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BG022179.D

Acq: 6 Jun 2016 21:46

Tgt Ion: 136 Resp: 118309

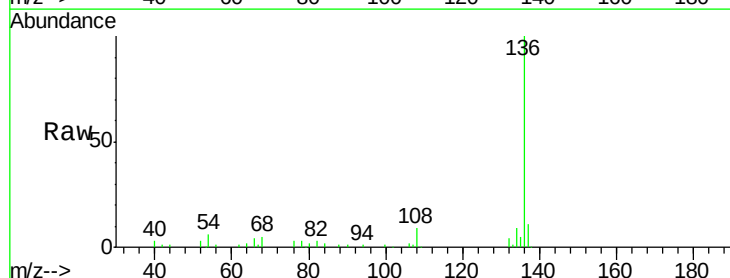
Ion Ratio Lower Upper

136 100

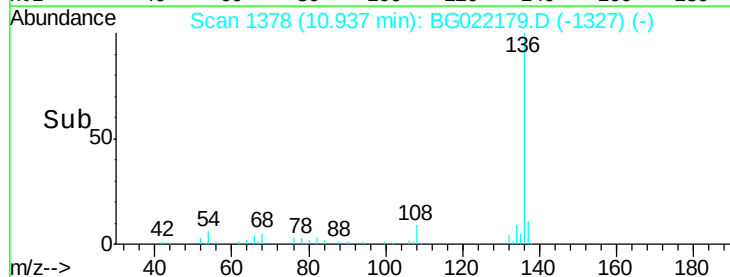
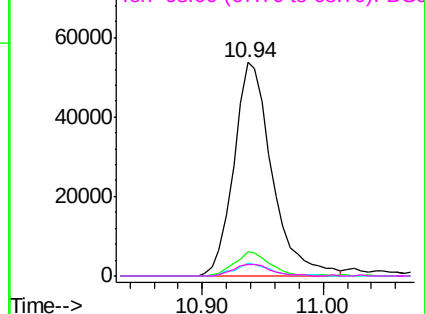
137 11.4 9.0 13.4

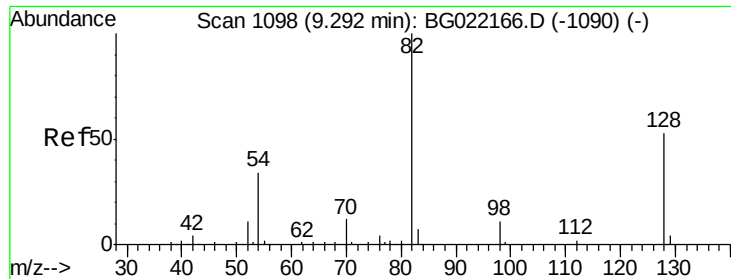
54 6.2 9.6 14.4#

68 5.4 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

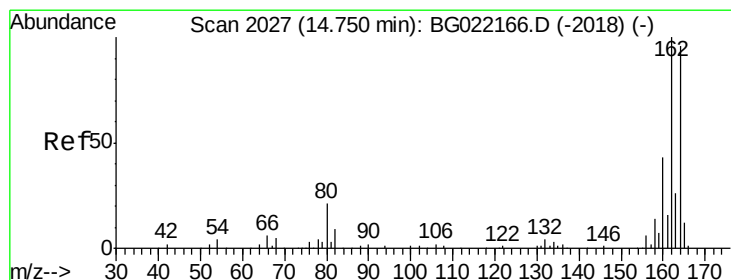
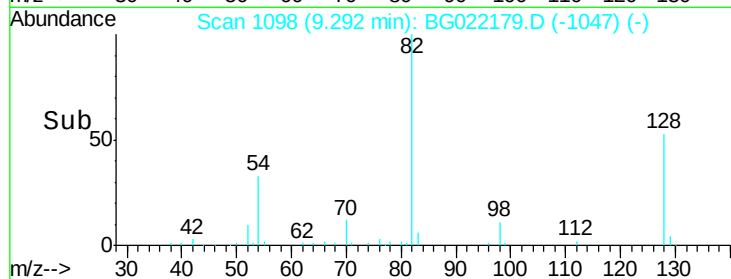
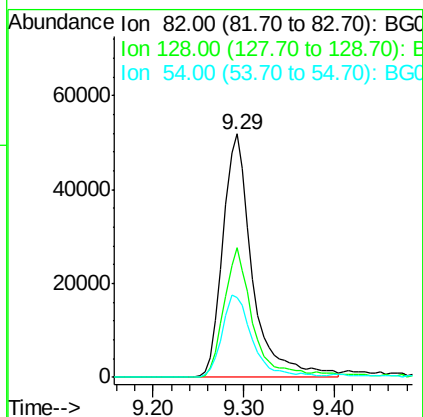
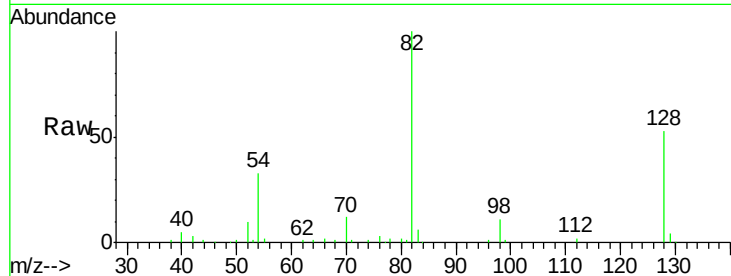




#23
 Nitrobenzene-d5
 Concen: 69.47 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BG022179.D
 Acq: 6 Jun 2016 21:46

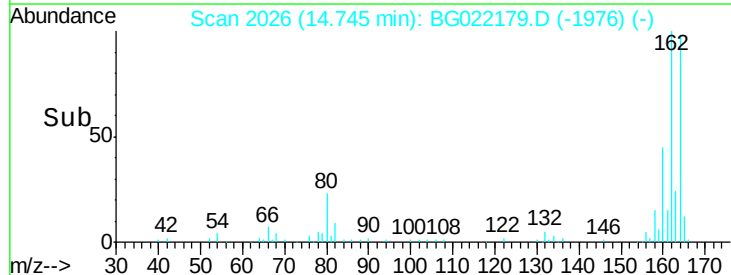
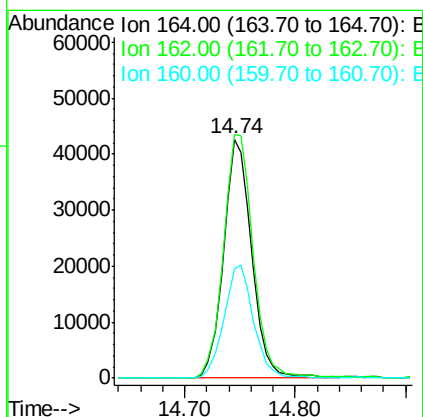
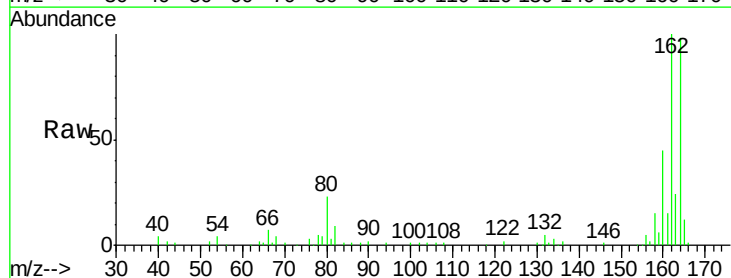
Instrument :
 BNA_G
 ClientSampled :
 B1-19-20

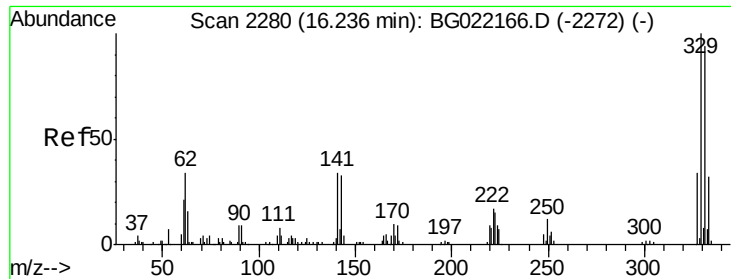
Tgt Ion: 82 Resp: 117887
 Ion Ratio Lower Upper
 82 100
 128 53.4 33.4 50.0#
 54 32.9 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BG022179.D
 Acq: 6 Jun 2016 21:46

Tgt Ion: 164 Resp: 75764
 Ion Ratio Lower Upper
 164 100
 162 101.8 78.0 117.0
 160 45.6 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 104.90 ng

RT: 16.24 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG022179.D

Acq: 6 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

B1-19-20

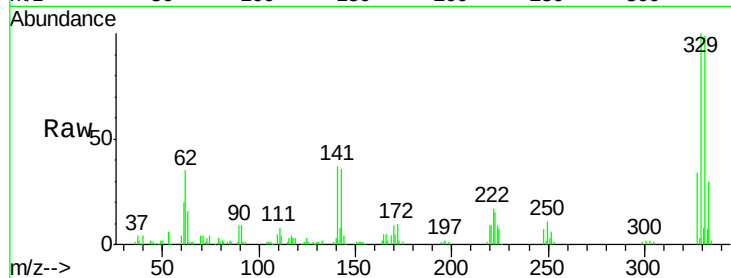
Tgt Ion:330 Resp: 89807

Ion Ratio Lower Upper

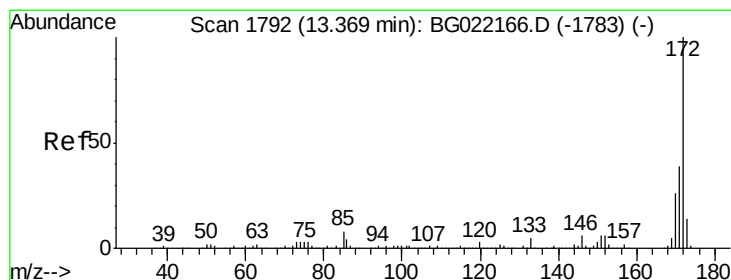
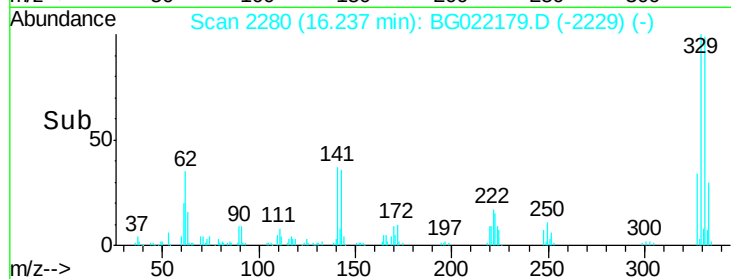
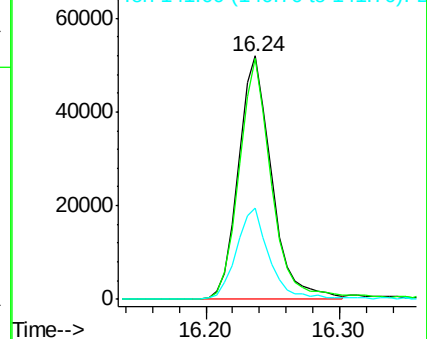
330 100

332 97.0 78.0 117.0

141 37.1 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: 69.82 ng

RT: 13.37 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BG022179.D

Acq: 6 Jun 2016 21:46

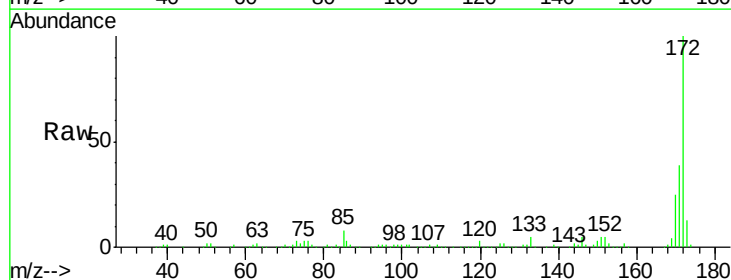
Tgt Ion:172 Resp: 347105

Ion Ratio Lower Upper

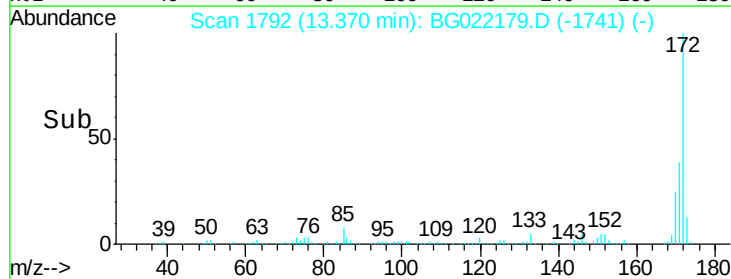
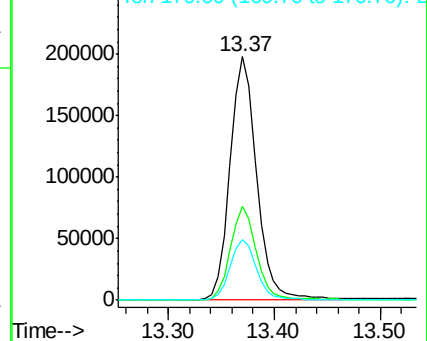
172 100

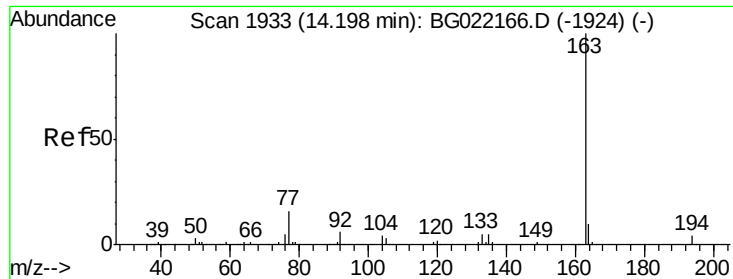
171 38.6 27.8 41.6

170 25.0 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

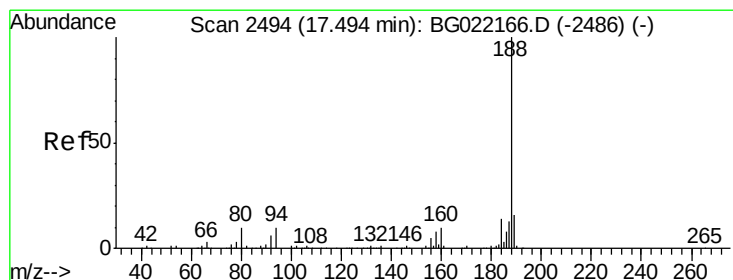
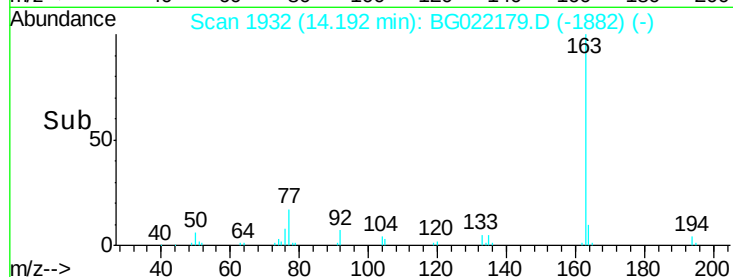
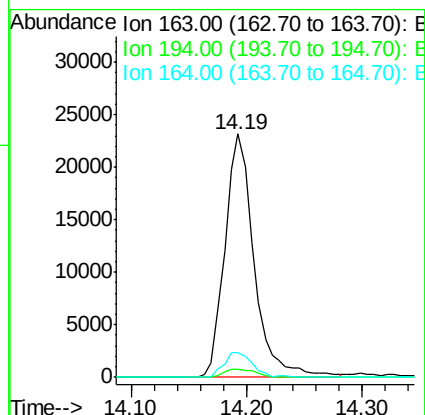
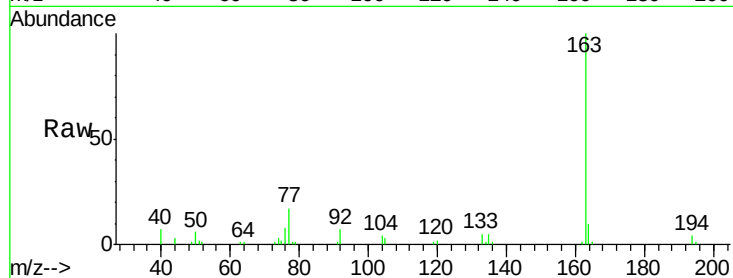




#49
Dimethylphthalate
Concen: 6.47 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

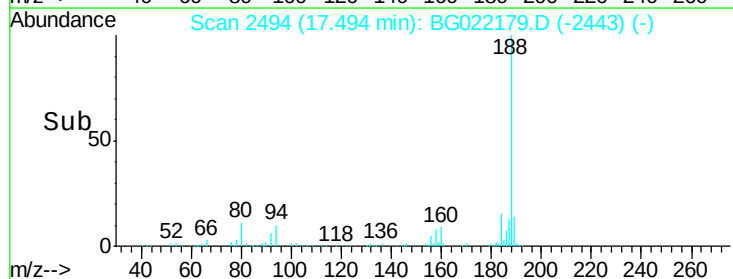
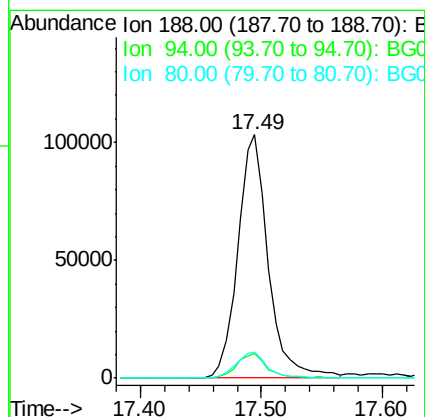
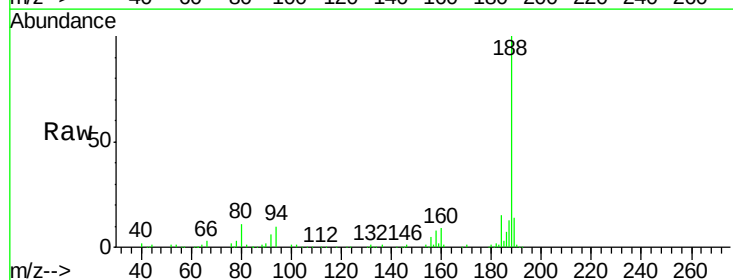
Instrument :
BNA_G
ClientSampleId :
B1-19-20

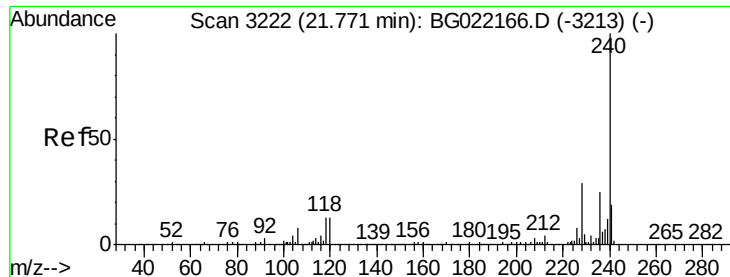
Tgt Ion:163 Resp: 40653
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.9 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Tgt Ion:188 Resp: 181113
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.5 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: BG022179.D

Acq: 6 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

B1-19-20

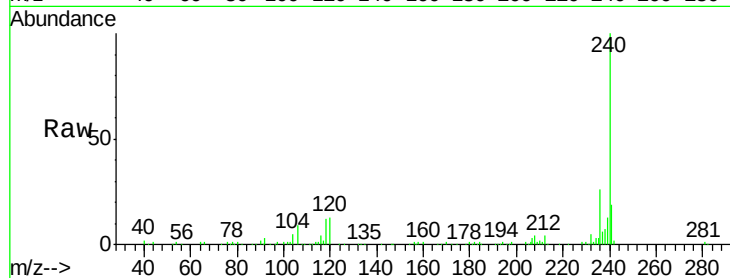
Tgt Ion:240 Resp: 195253

Ion Ratio Lower Upper

240 100

120 12.9 8.4 12.6#

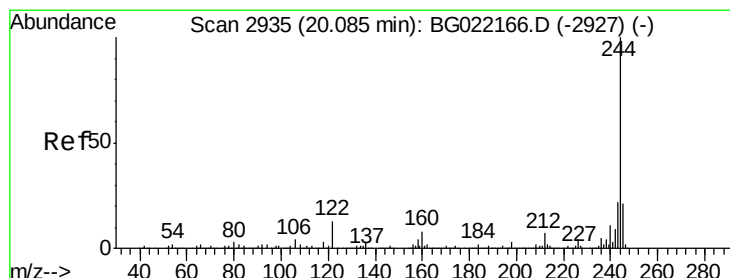
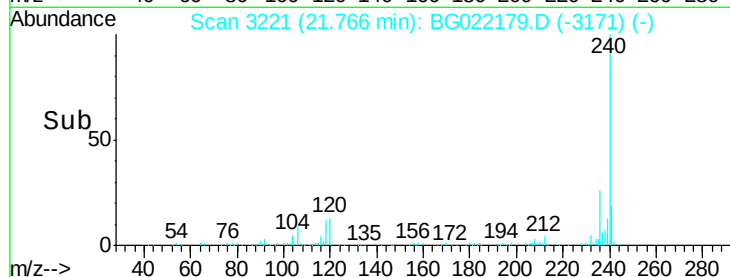
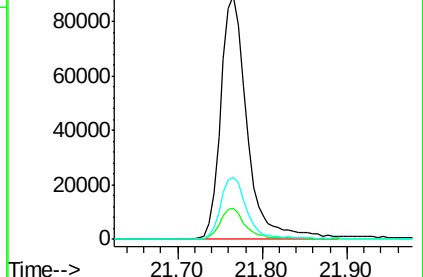
236 25.5 19.6 29.4



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: 72.59 ng

RT: 20.09 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022179.D

Acq: 6 Jun 2016 21:46

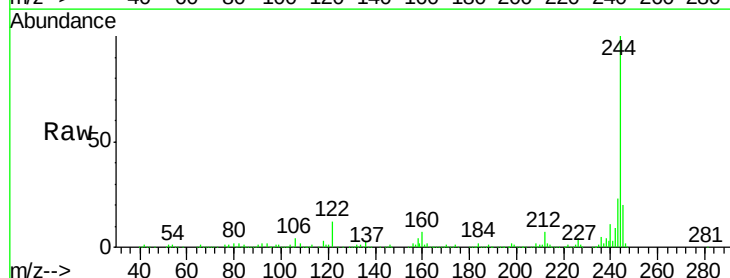
Tgt Ion:244 Resp: 597033

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

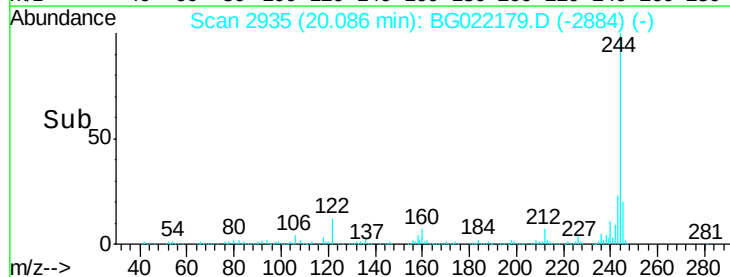
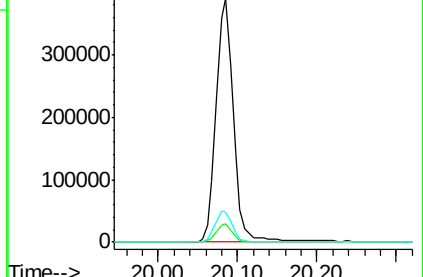
122 12.1 8.6 12.8

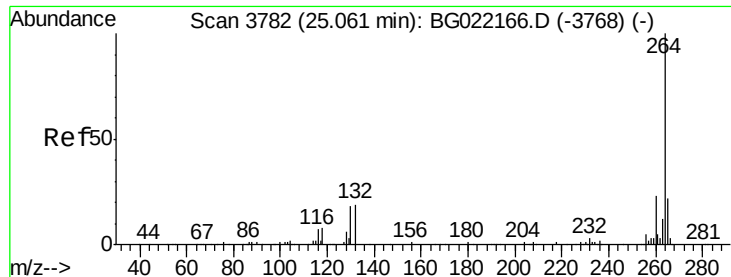


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

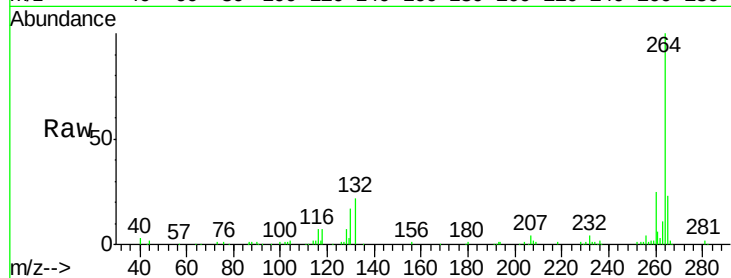




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG022179.D
Acq: 6 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
B1-19-20

Tgt Ion: 264 Resp: 187270
Ion Ratio Lower Upper
264 100
260 24.9 20.2 30.4
265 22.8 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

