

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022379.D
 Acq On : 16 Jun 2016 23:39
 Operator : UM/SJ
 Sample : H3569-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-COMP

Quant Time: Jun 17 02:25:40 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

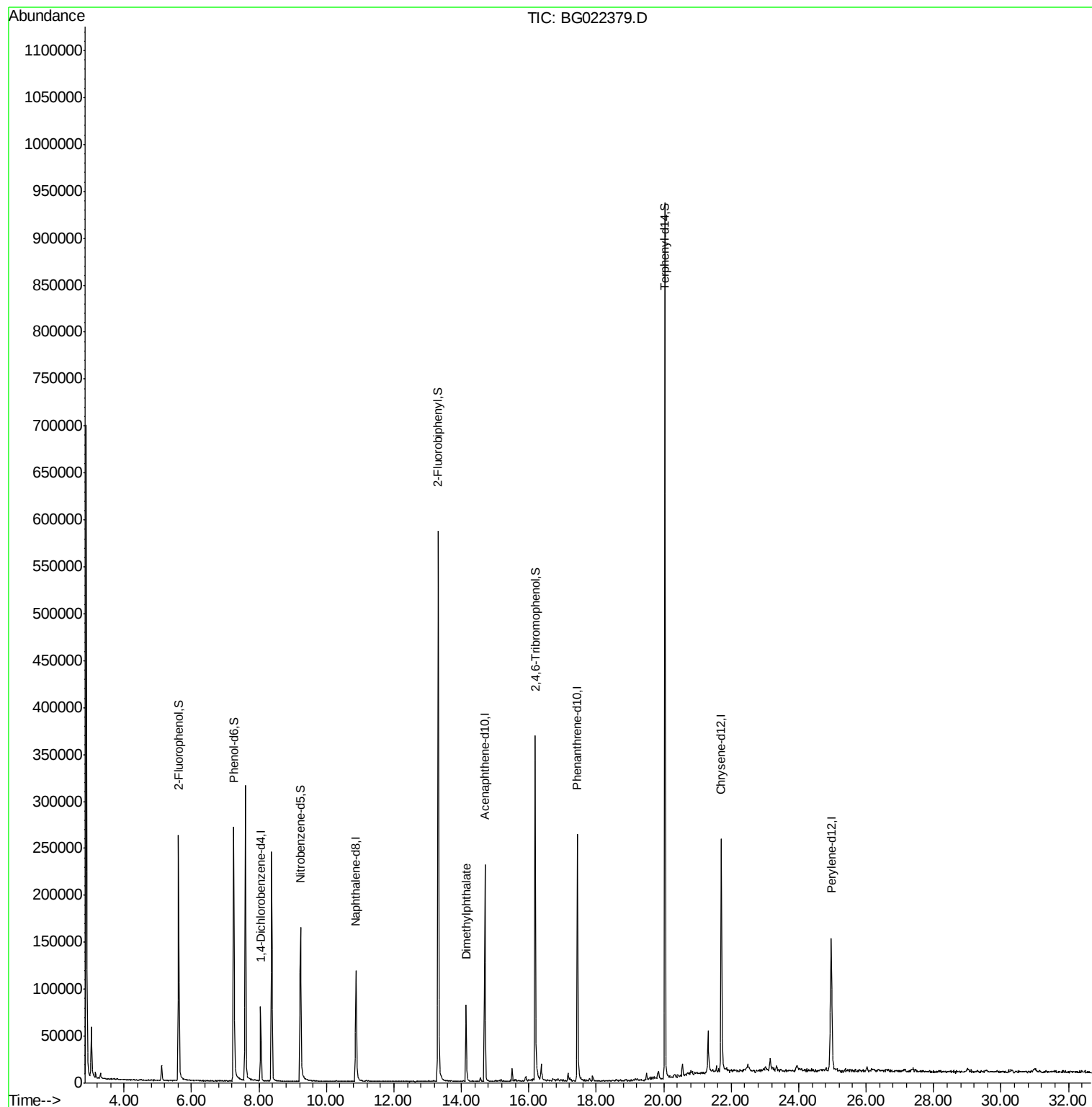
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29897	20.00	ng	-0.04
21) Naphthalene-d8	10.88	136	150373	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	93254	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	197984	20.00	ng	-0.03
75) Chrysene-d12	21.70	240	166193	20.00	ng	-0.03
86) Perylene-d12	24.97	264	156155	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	178540	115.46	ng	-0.02
7) Phenol-d6	7.25	99	260088	106.98	ng	0.00
23) Nitrobenzene-d5	9.23	82	148819	69.00	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	86569	82.16	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	376242	61.49	ng	-0.03
78) Terphenyl-d14	20.04	244	441682	63.10	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.14	163	81123	10.49	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.04 min

Lab File: BG022379.D

Acq: 16 Jun 2016 23:39

Instrument :

BNA_G

ClientSampleId :

SB-12-COMP

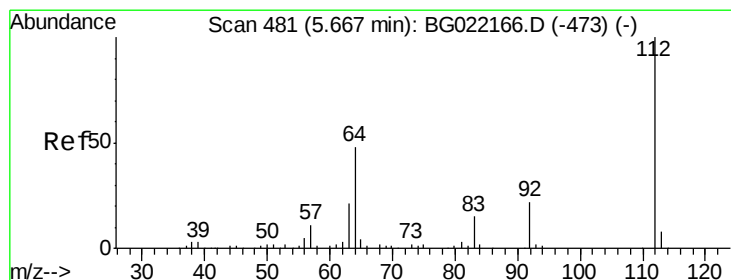
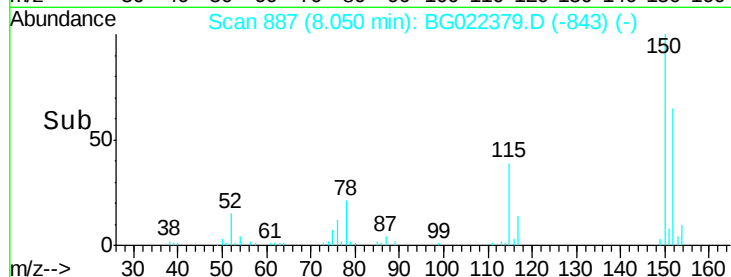
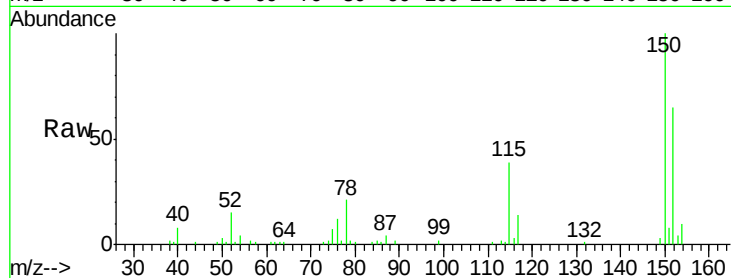
Tot Ion:152 Resp: 29897

Ion Ratio Lower Upper

152 100

150 154.4 130.1 195.1

115 60.4 62.2 93.2#



#5

2-Fluorophenol

Concen: 115.46 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022379.D

Acq: 16 Jun 2016 23:39

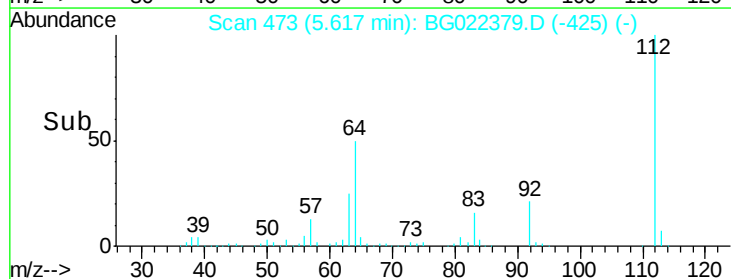
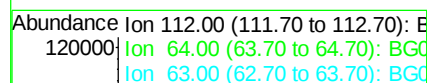
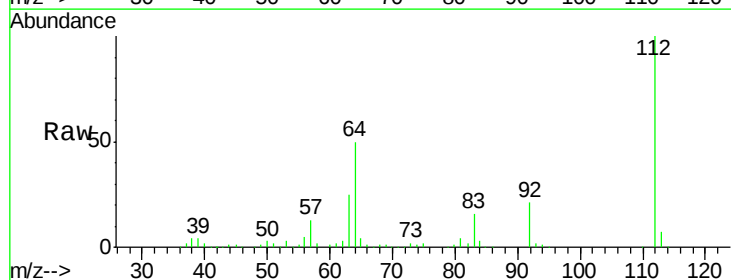
Tgt Ion:112 Resp: 178540

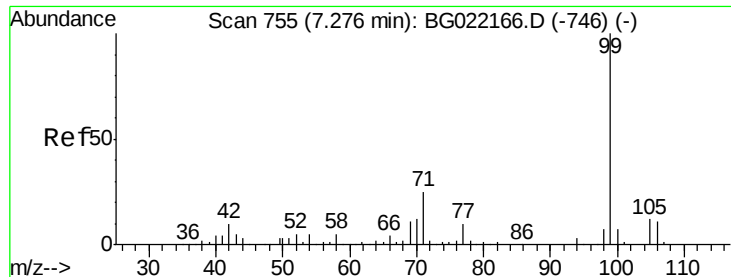
Ion Ratio Lower Upper

112 100

64 50.2 51.1 76.7#

63 25.1 24.6 37.0





#7

Phenol-d6

Concen: 106.98 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG022379.D

Acq: 16 Jun 2016 23:39

Instrument :

BNA_G

ClientSampleId :

SB-12-COMP

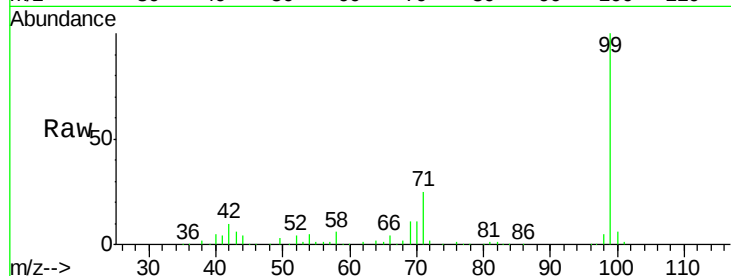
Tot Ion: 99 Resp: 260088

Ion Ratio Lower Upper

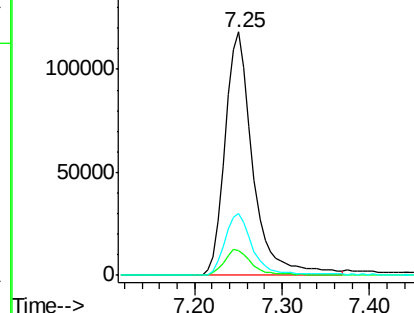
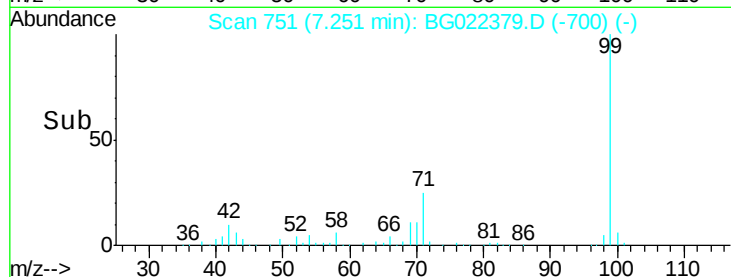
99 100

42 9.9 16.4 24.6#

71 25.4 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: 10.88 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BG022379.D

Acq: 16 Jun 2016 23:39

Tgt Ion: 136 Resp: 150373

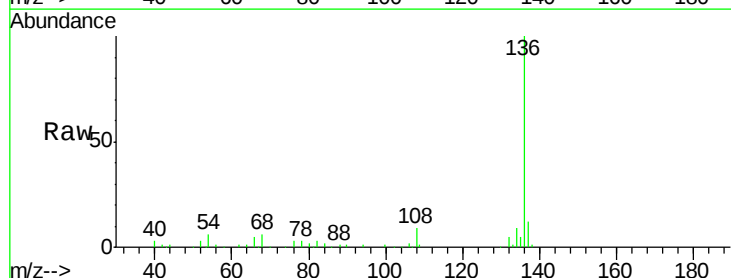
Ion Ratio Lower Upper

136 100

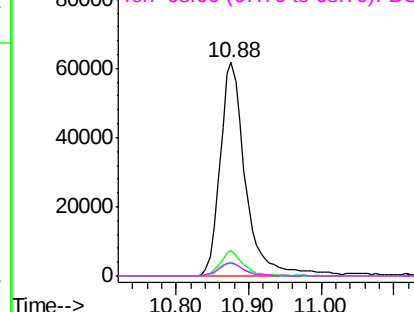
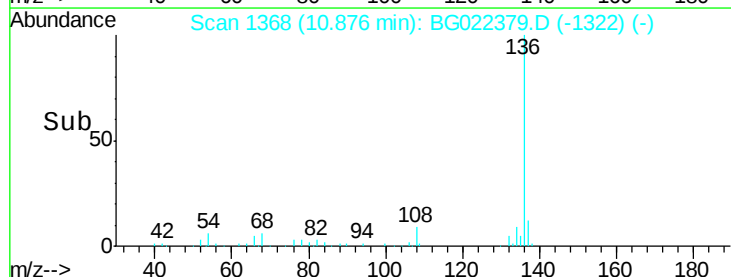
137 12.0 9.0 13.4

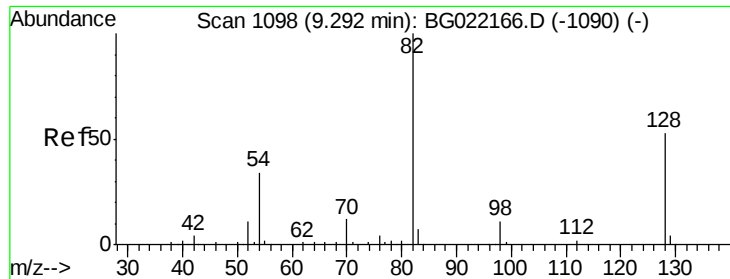
54 6.5 9.6 14.4#

68 6.3 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

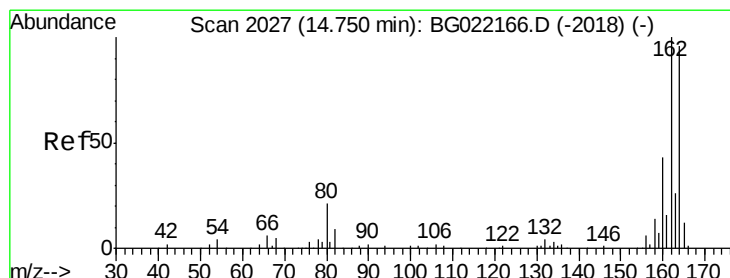
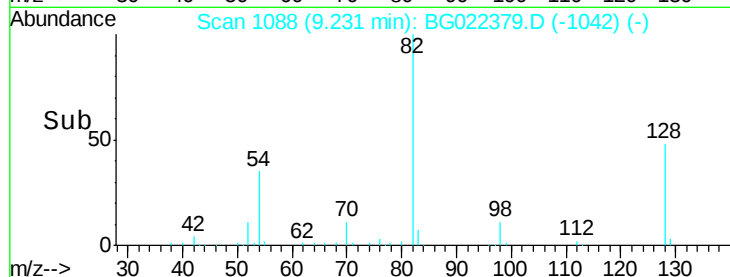
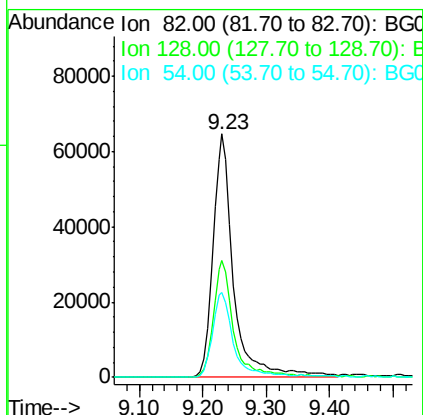
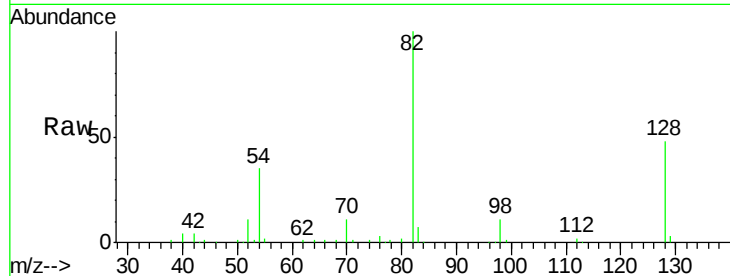




#23
Nitrobenzene-d5
Concen: 69.00 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BG022379.D
Acq: 16 Jun 2016 23:39

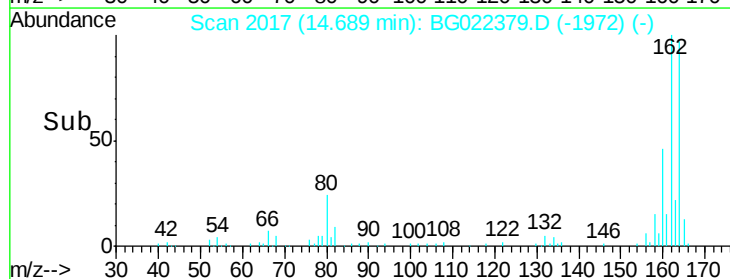
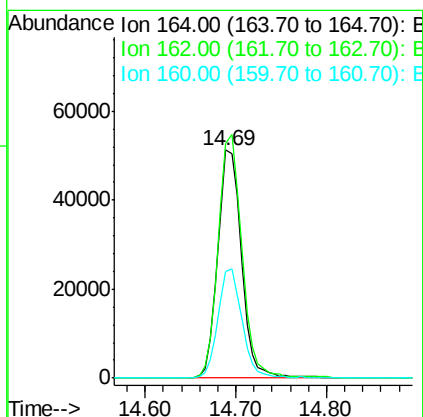
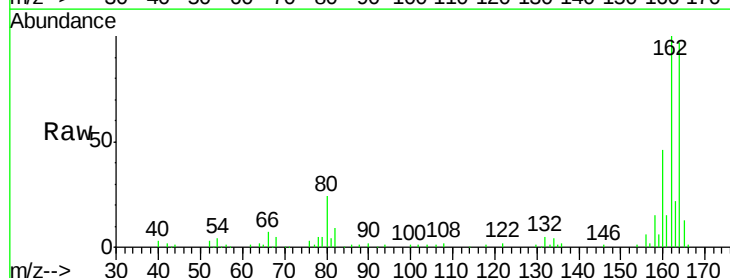
Instrument :
BNA_G
ClientSampleId :
SB-12-COMP

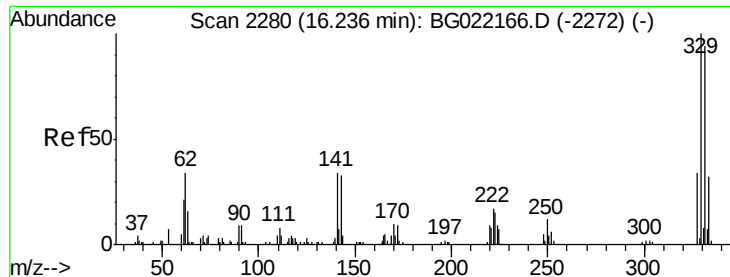
Tot Ion: 82 Resp: 148819
Ion Ratio Lower Upper
82 100
128 48.1 33.4 50.0
54 34.8 46.1 69.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BG022379.D
Acq: 16 Jun 2016 23:39

Tgt Ion:164 Resp: 93254
Ion Ratio Lower Upper
164 100
162 102.7 78.0 117.0
160 46.8 32.9 49.3

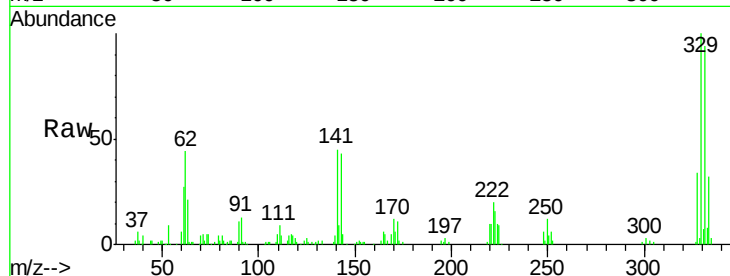




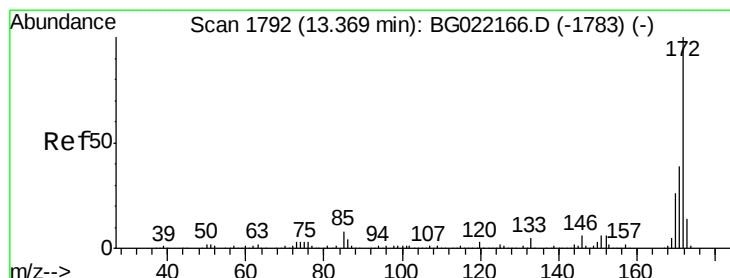
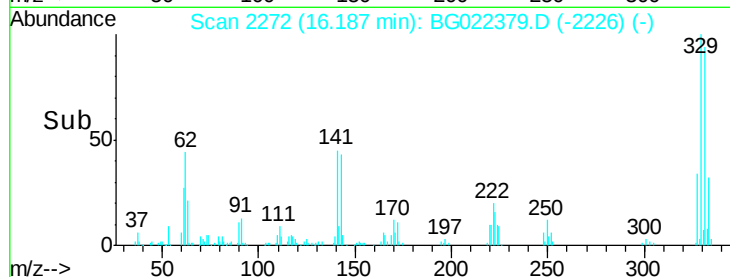
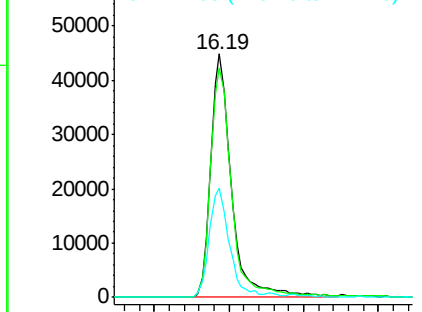
#41
 2,4,6-Tribromophenol
 Concen: 82.16 ng
 RT: 16.19 min Scan# 2272
 Delta R.T. -0.03 min
 Lab File: BG022379.D
 Acq: 16 Jun 2016 23:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-COMP

Tot Ion	330	332	141
Resp:	86569		
Ion Ratio	100	96.5	43.2
Lower		78.0	33.8
Upper		117.0	50.8

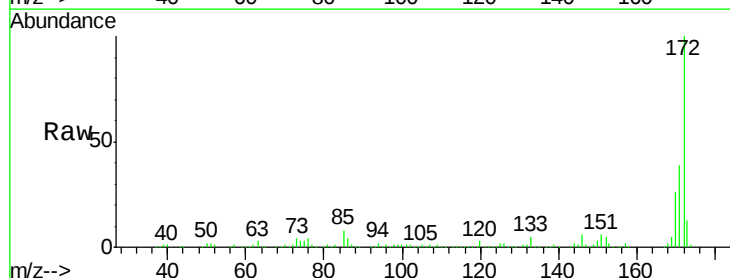


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

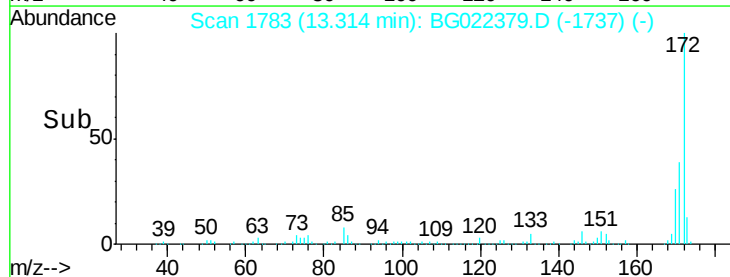
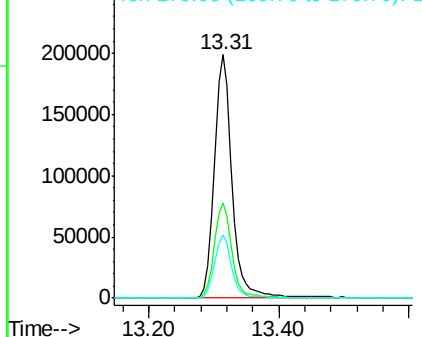


#44
 2-Fluorobiphenyl
 Concen: 61.49 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022379.D
 Acq: 16 Jun 2016 23:39

Tgt Ion	172	171	170
Resp:	376242		
Ion Ratio	100	39.0	26.1
Lower		27.8	19.6
Upper		41.6	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

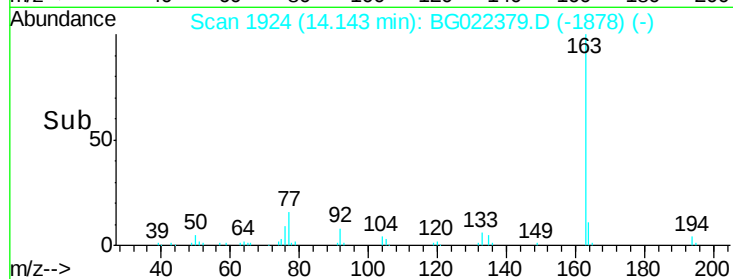
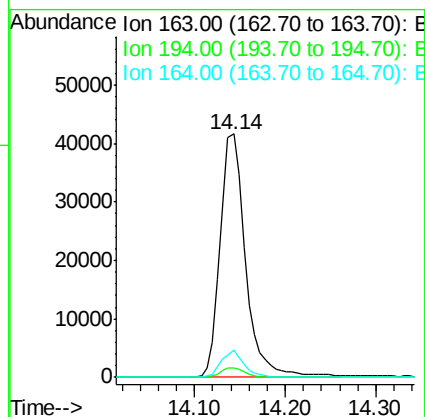
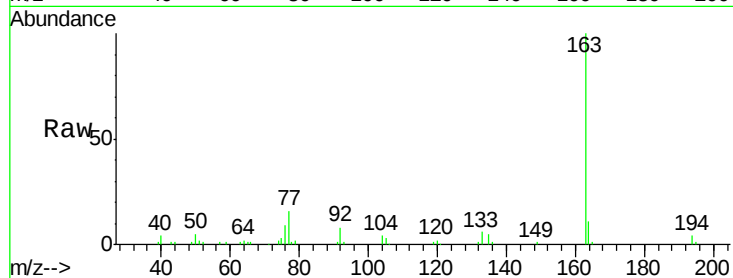




#49
Dimethylphthalate
Concen: 10.49 ng
RT: 14.14 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BG022379.D
Acq: 16 Jun 2016 23:39

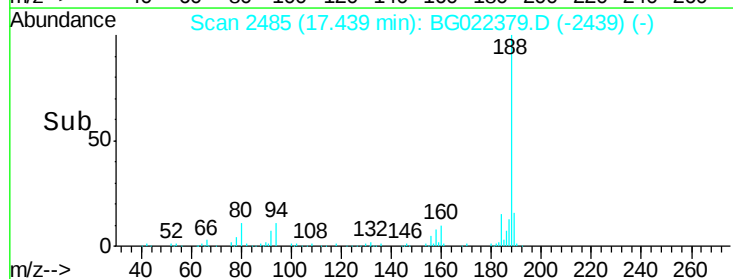
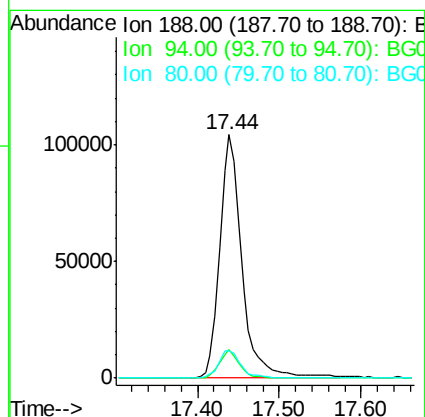
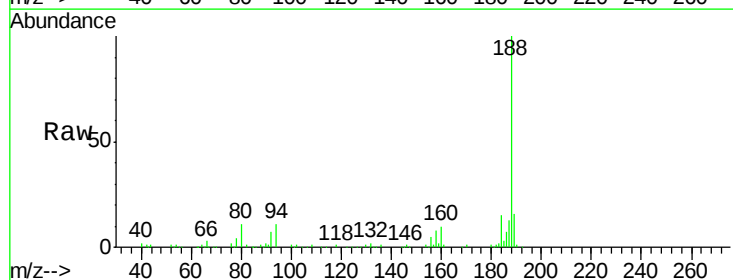
Instrument :
BNA_G
ClientSampleId :
SB-12-COMP

Tot Ion:163 Resp: 81123
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 11.0 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG022379.D
Acq: 16 Jun 2016 23:39

Tgt Ion:188 Resp: 197984
Ion Ratio Lower Upper
188 100
94 11.5 7.5 11.3#
80 11.3 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.70 min Scan# 3211

Delta R.T. -0.03 min

Lab File: BG022379.D

Acq: 16 Jun 2016 23:39

Instrument :

BNA_G

ClientSampled :

SB-12-COMP

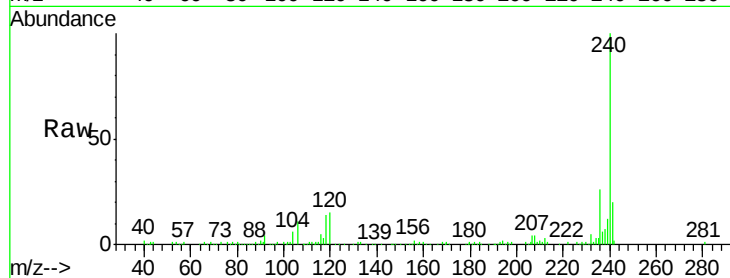
Tot Ion:240 Resp: 166193

Ion Ratio Lower Upper

240 100

120 14.7 8.4 12.6#

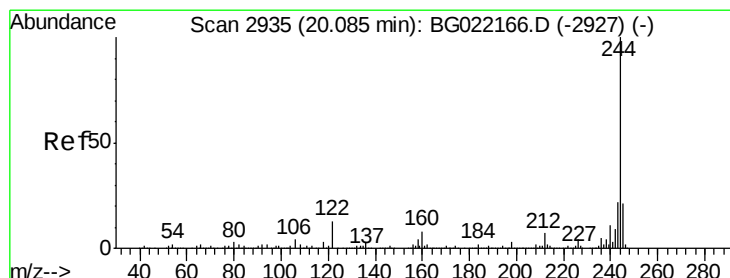
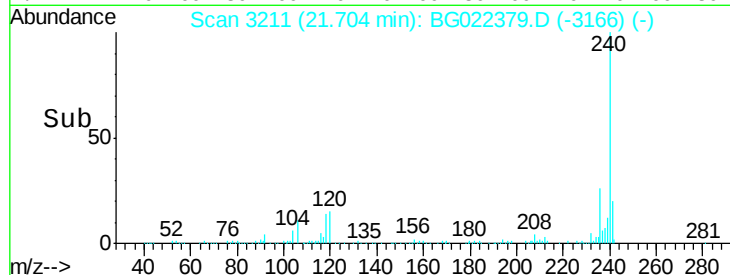
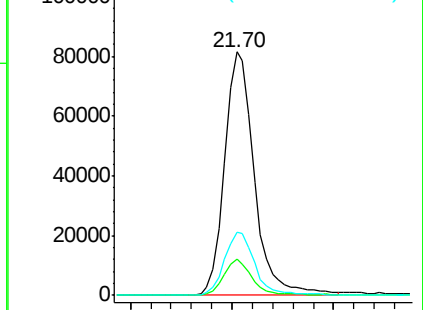
236 25.9 19.6 29.4



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: 63.10 ng

RT: 20.04 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BG022379.D

Acq: 16 Jun 2016 23:39

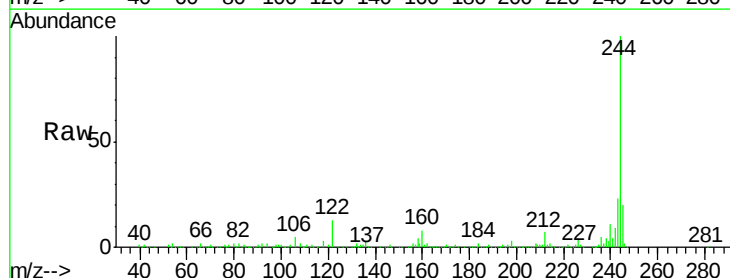
Tgt Ion:244 Resp: 441682

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

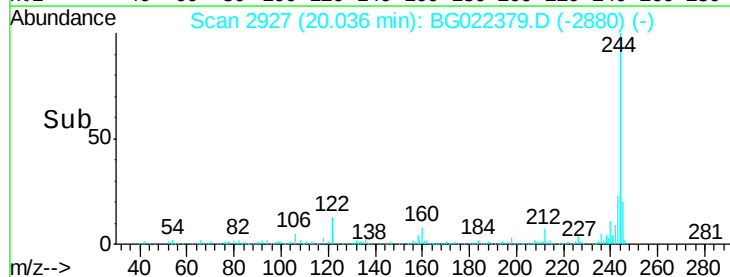
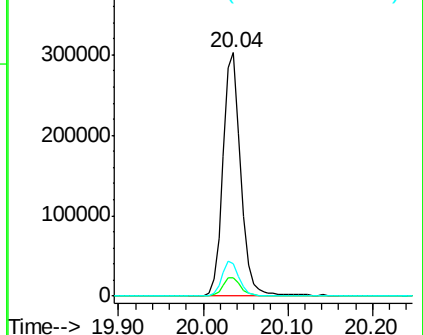
122 13.2 8.6 12.8#

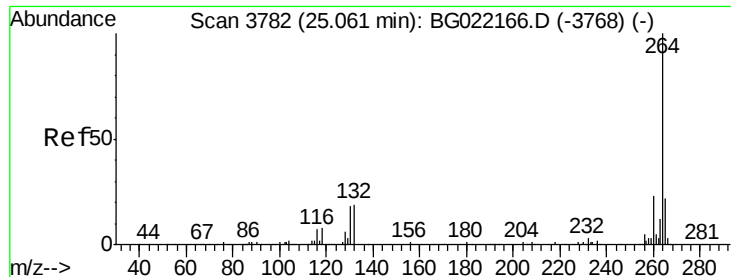


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.97 min Scan# 3766
 Delta R.T. -0.05 min
 Lab File: BG022379.D
 Acq: 16 Jun 2016 23:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.4
265	21.4	17.8	26.8

