

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022410.D
 Acq On : 18 Jun 2016 5:55
 Operator : UM/SJ
 Sample : H3501-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB3-6-8

Quant Time: Jun 18 06:43:33 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

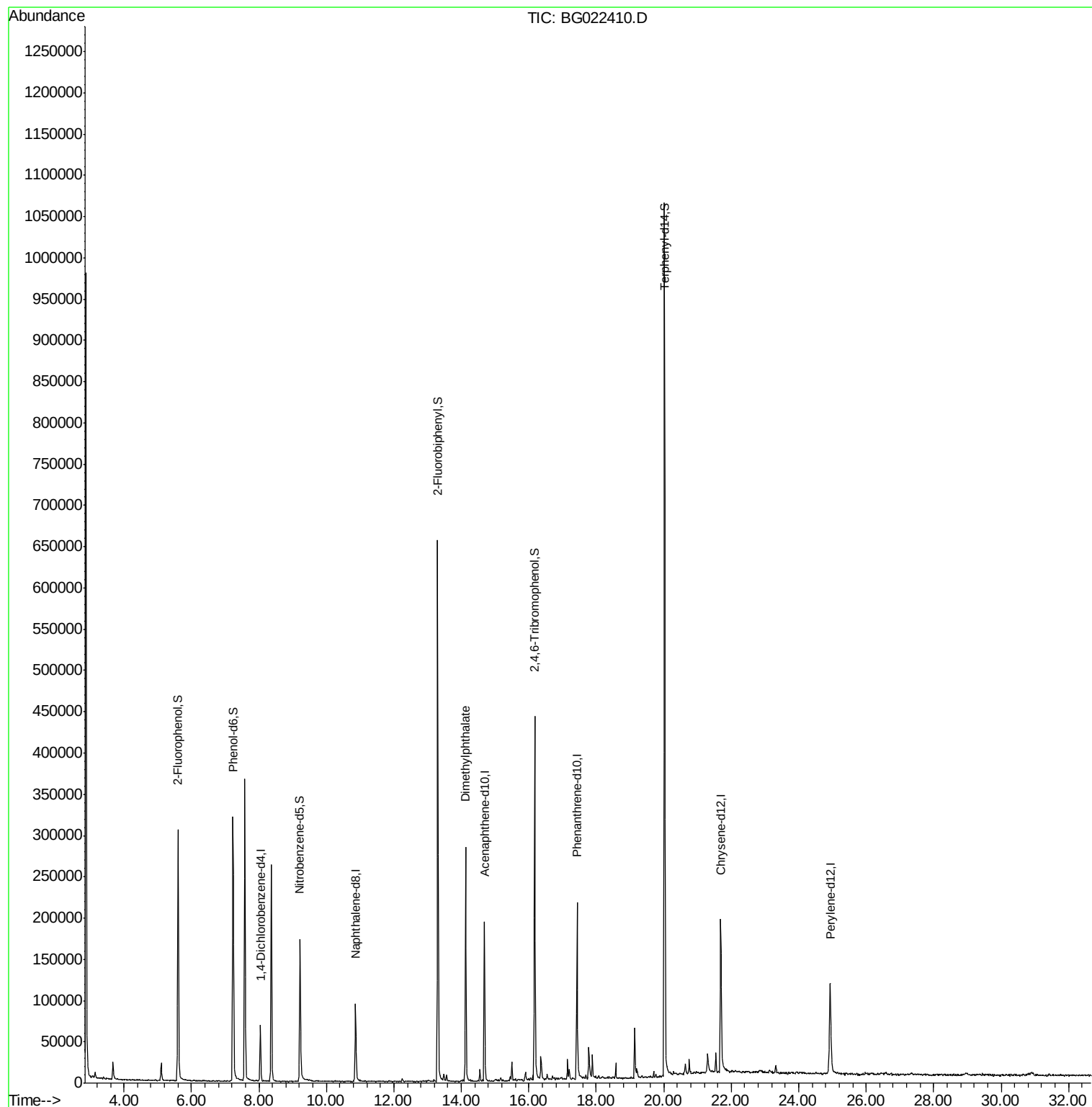
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	23743	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	119059	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	74566	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	159739	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	145601	20.00	ng	-0.05
86) Perylene-d12	24.93	264	129787	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	200662	163.40	ng	-0.03
7) Phenol-d6	7.24	99	292496	151.49	ng	-0.01
23) Nitrobenzene-d5	9.22	82	155843	91.26	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	94577	112.25	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	406754	83.13	ng	-0.04
78) Terphenyl-d14	20.02	244	542597	88.47	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.13	163	227651	36.82	ng	Qvalue 99

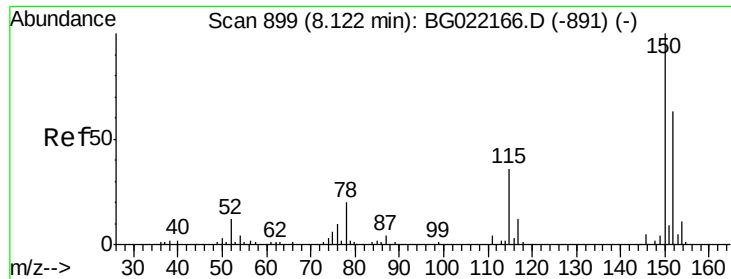
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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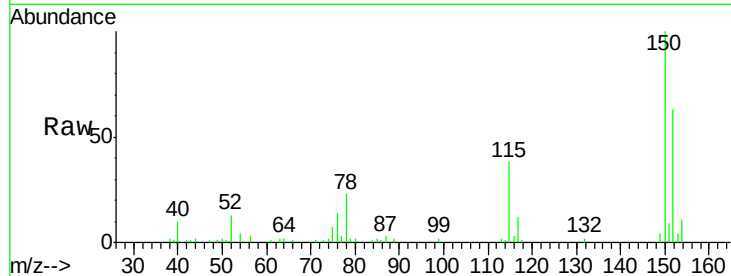


#1

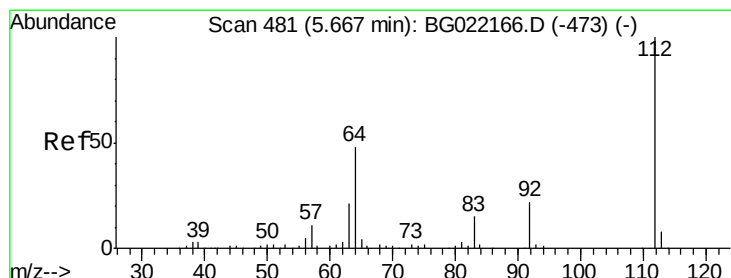
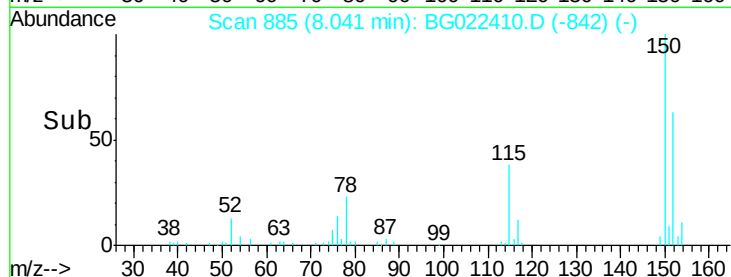
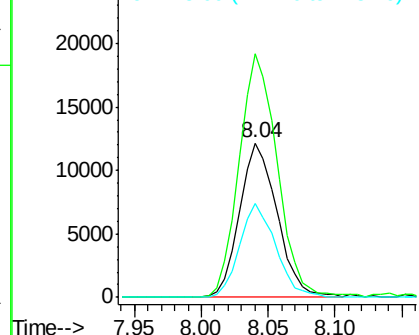
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.04 min Scan# 885
 Delta R.T. -0.05 min
 Lab File: BG022410.D
 Acq: 18 Jun 2016 5:55

Instrument :
 BNA_G
 ClientSampleId :
 SB3-6-8

Tot Ion:152 Resp: 23743
 Ion Ratio Lower Upper
 152 100
 150 157.8 130.1 195.1
 115 60.7 62.2 93.2#



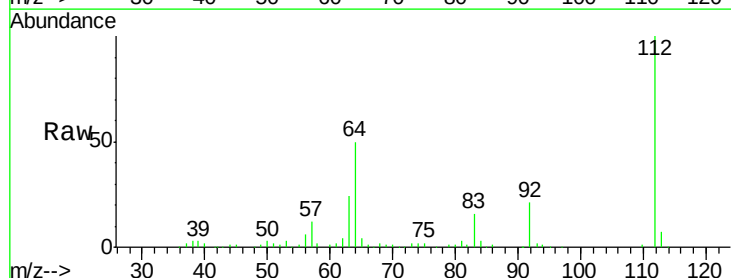
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



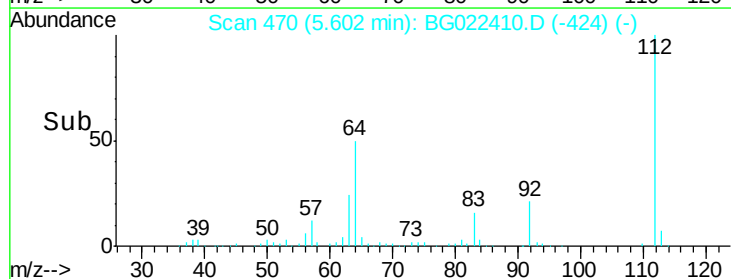
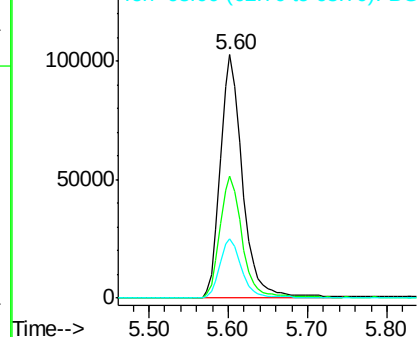
#5

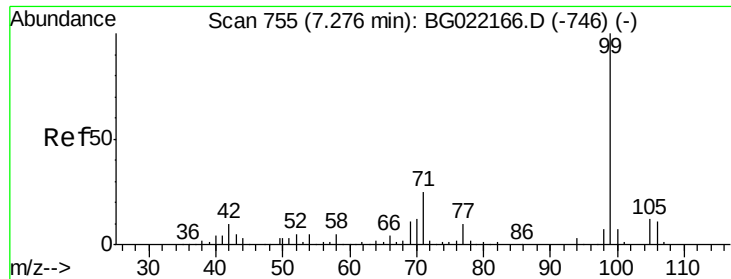
2-Fluorophenol
 Concen: 163.40 ng
 RT: 5.60 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BG022410.D
 Acq: 18 Jun 2016 5:55

Tgt Ion:112 Resp: 200662
 Ion Ratio Lower Upper
 112 100
 64 50.0 51.1 76.7#
 63 24.5 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: 151.49 ng

RT: 7.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG022410.D

Acq: 18 Jun 2016 5:55

Instrument :

BNA_G

ClientSampleId :

SB3-6-8

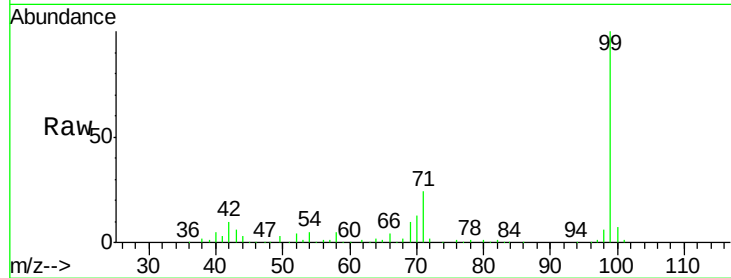
Tot Ion: 99 Resp: 292496

Ion Ratio Lower Upper

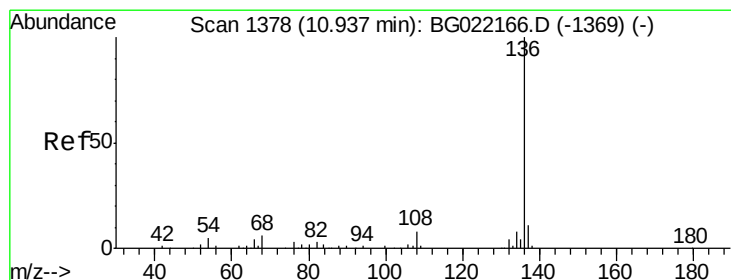
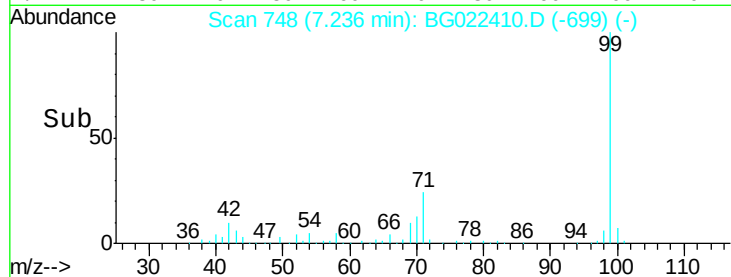
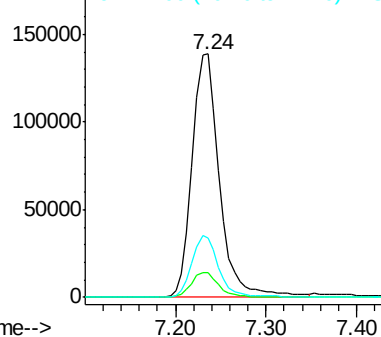
99 100

42 10.2 16.4 24.6#

71 24.4 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: 10.86 min Scan# 1365

Delta R.T. -0.04 min

Lab File: BG022410.D

Acq: 18 Jun 2016 5:55

Tgt Ion: 136 Resp: 119059

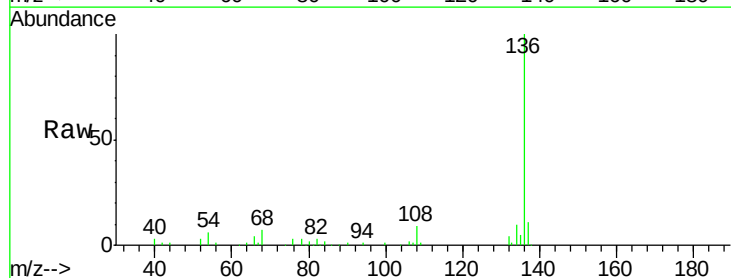
Ion Ratio Lower Upper

136 100

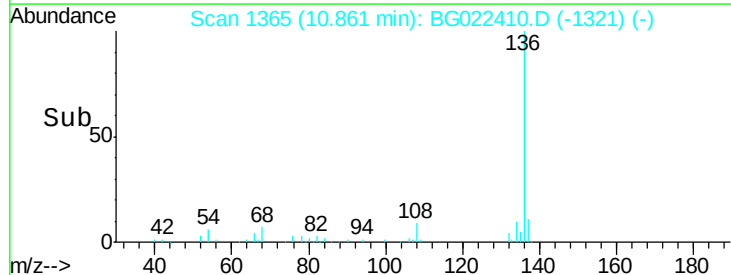
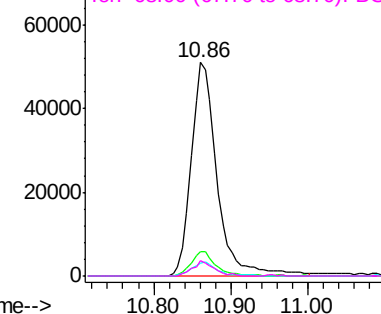
137 11.1 9.0 13.4

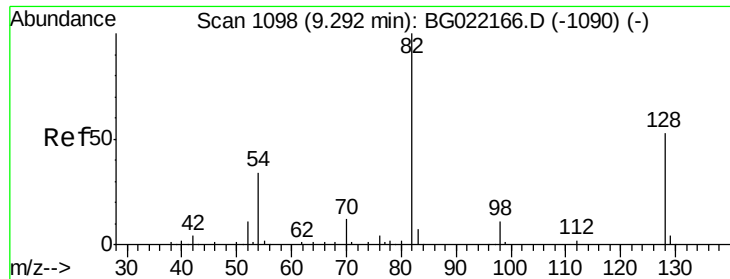
54 5.7 9.6 14.4#

68 6.9 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: 91.26 ng

RT: 9.22 min Scan# 1085

Delta R.T. -0.04 min

Lab File: BG022410.D

Acq: 18 Jun 2016 5:55

Instrument :

BNA_G

ClientSampled :

SB3-6-8

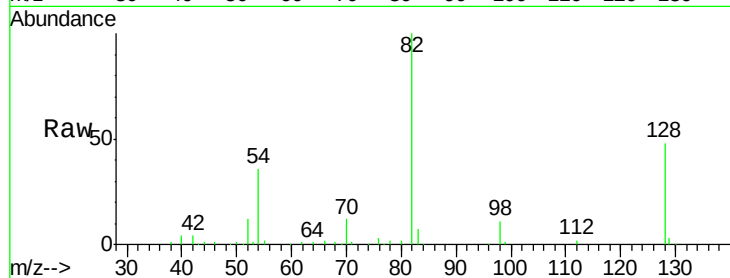
Tot Ion: 82 Resp: 155843

Ion Ratio Lower Upper

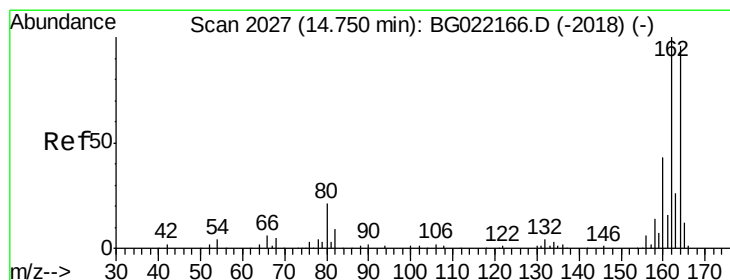
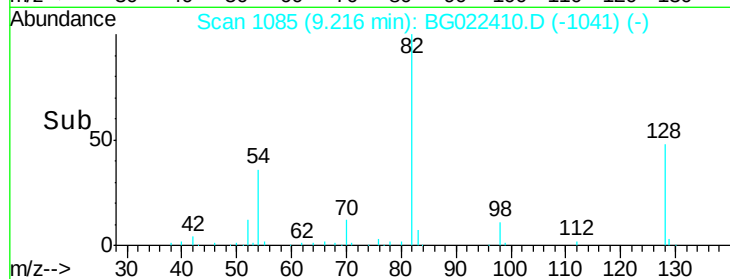
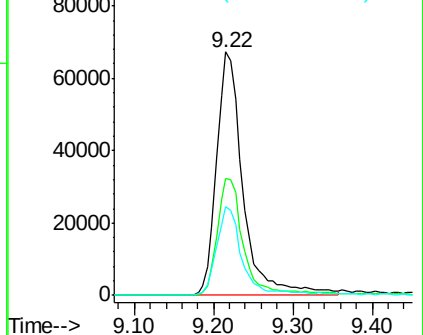
82 100

128 47.9 33.4 50.0

54 36.2 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# 2015

Delta R.T. -0.04 min

Lab File: BG022410.D

Acq: 18 Jun 2016 5:55

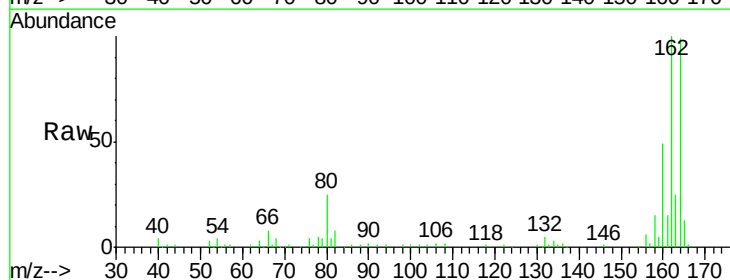
Tgt Ion: 164 Resp: 74566

Ion Ratio Lower Upper

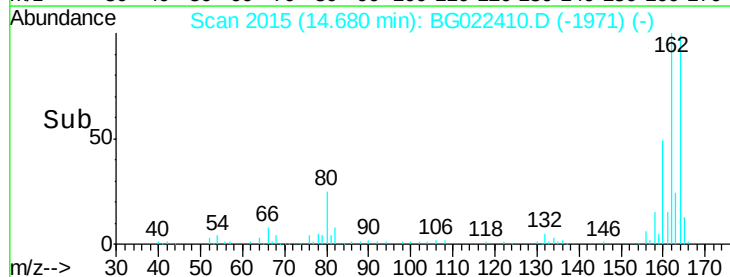
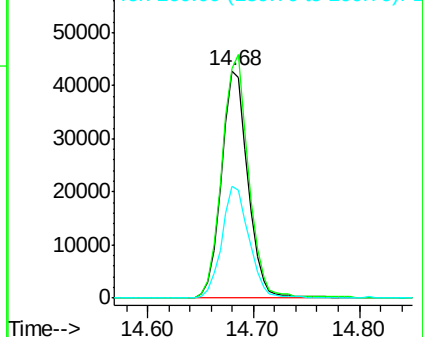
164 100

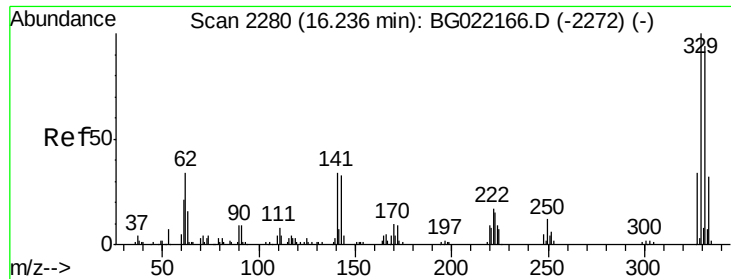
162 101.2 78.0 117.0

160 49.2 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

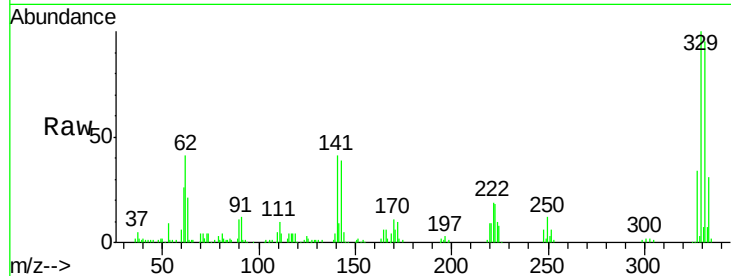




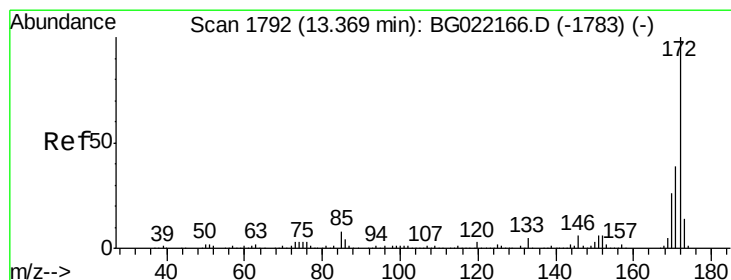
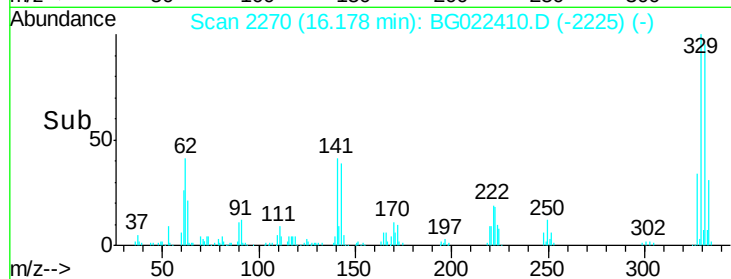
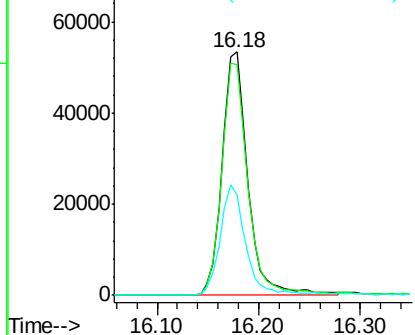
#41
 2,4,6-Tribromophenol
 Concen: 112.25 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022410.D
 Acq: 18 Jun 2016 5:55

Instrument :
 BNA_G
 ClientSampleId :
 SB3-6-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.0	117.0
141	45.9	33.8	50.8

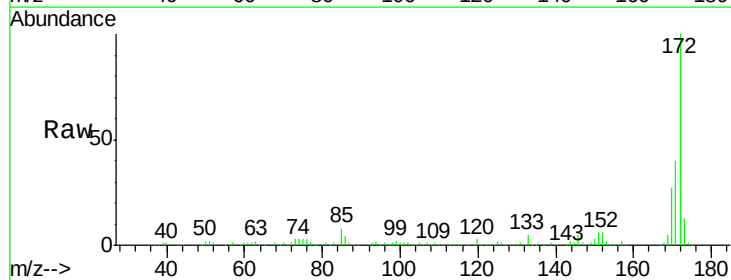


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

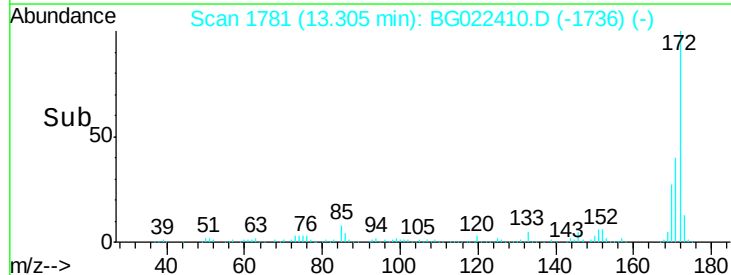
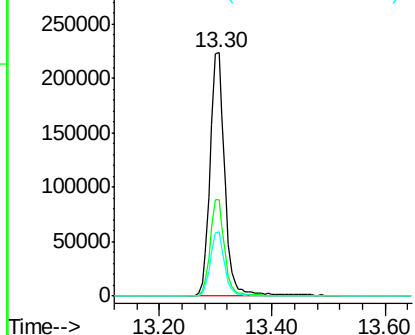


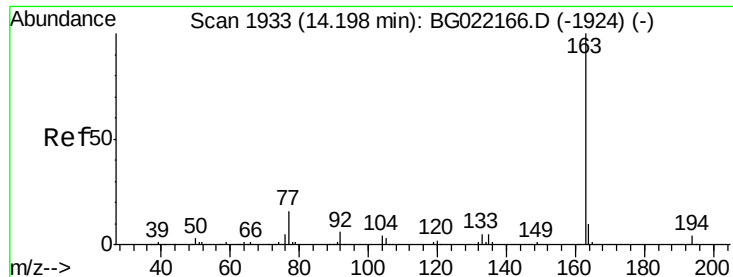
#44
 2-Fluorobiphenyl
 Concen: 83.13 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022410.D
 Acq: 18 Jun 2016 5:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	27.8	41.6
170	26.7	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

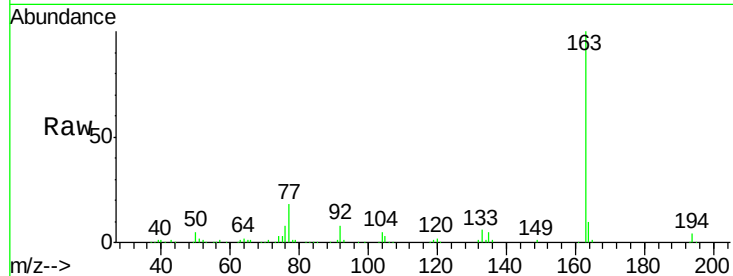




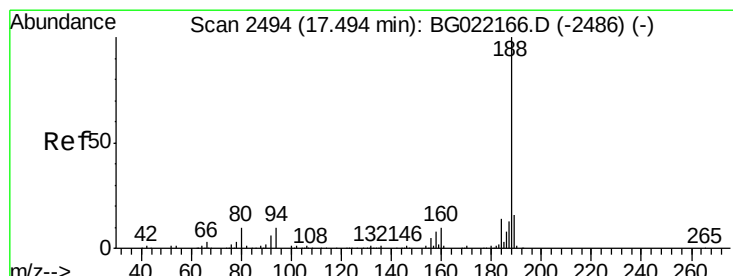
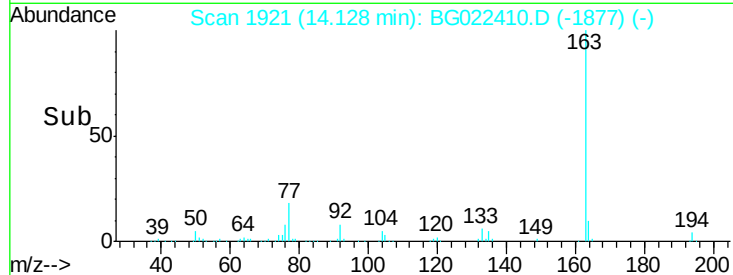
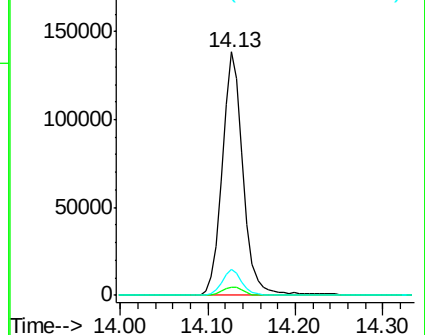
#49
Dimethylphthalate
Concen: 36.82 ng
RT: 14.13 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

Instrument :
BNA_G
ClientSampleId :
SB3-6-8

Tot Ion:163 Resp: 227651
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.5 8.1 12.1

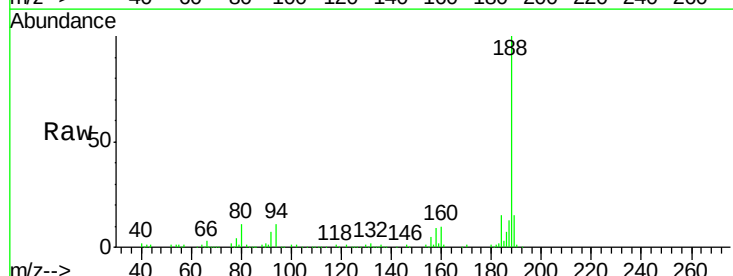


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

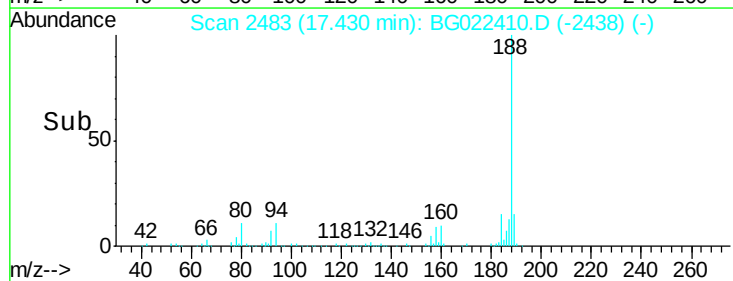
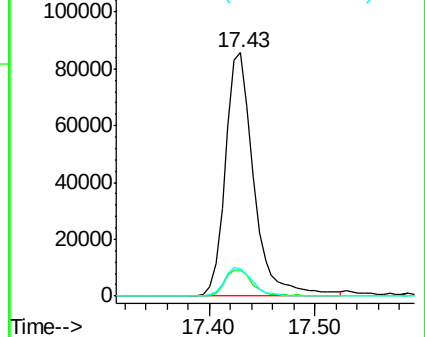


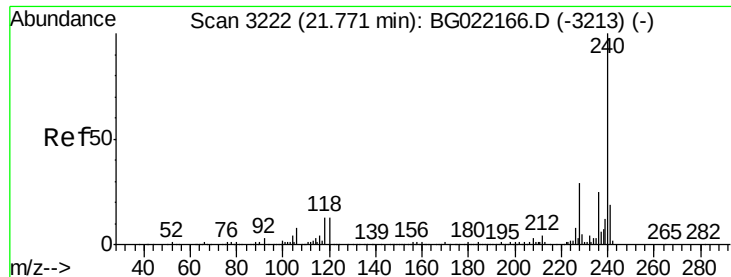
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

Tgt Ion:188 Resp: 159739
Ion Ratio Lower Upper
188 100
94 10.7 7.5 11.3
80 11.2 8.6 13.0



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: 20.00 ng

RT: 21.69 min Scan# 3208

Delta R.T. -0.05 min

Lab File: BG022410.D

Acq: 18 Jun 2016 5:55

Instrument :

BNA_G

ClientSampleId :

SB3-6-8

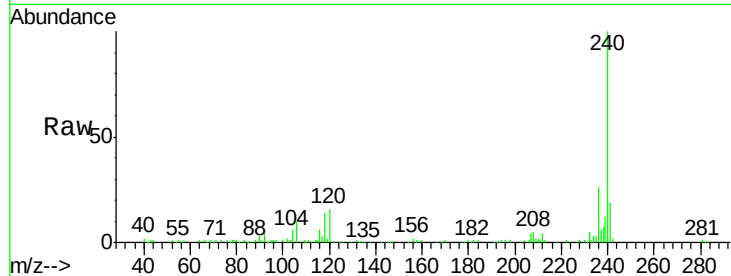
Tot Ion:240 Resp: 145601

Ion Ratio Lower Upper

240 100

120 15.6 8.4 12.6#

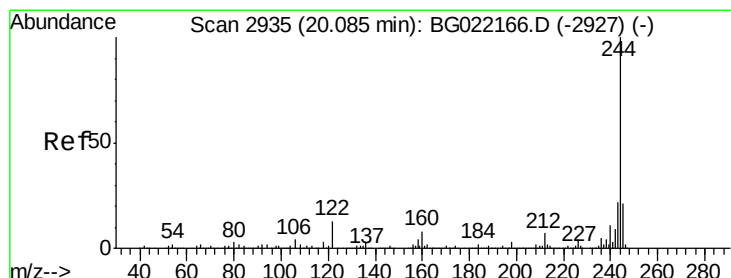
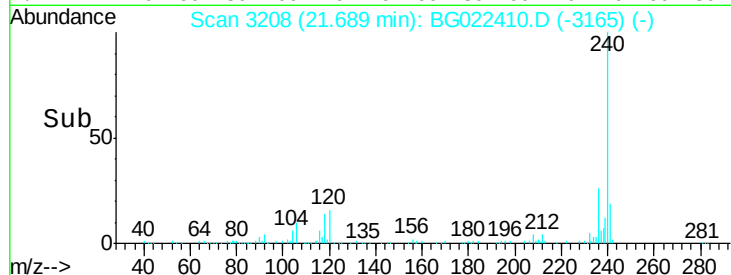
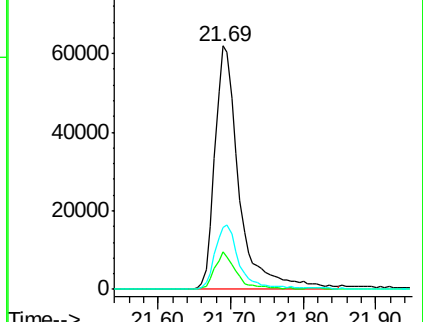
236 25.6 19.6 29.4



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: 88.47 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.04 min

Lab File: BG022410.D

Acq: 18 Jun 2016 5:55

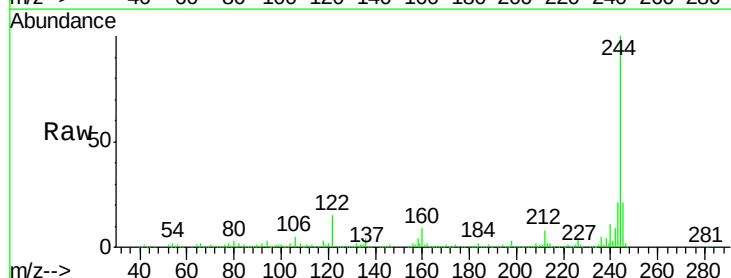
Tgt Ion:244 Resp: 542597

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

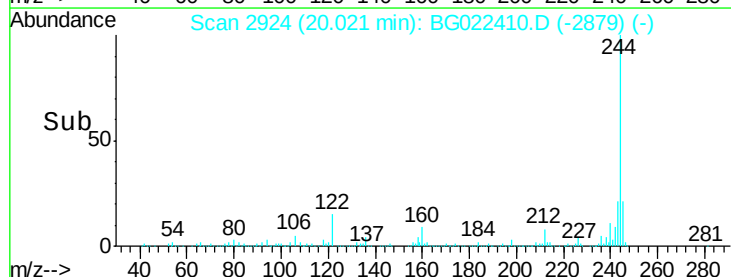
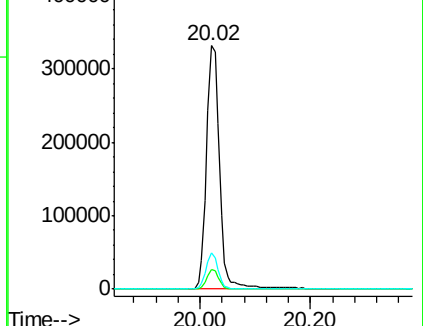
122 14.7 8.6 12.8#

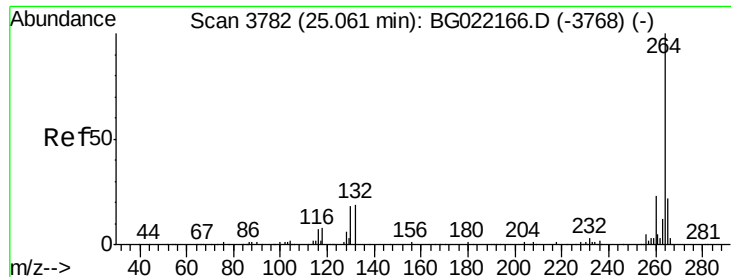


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3760
Delta R.T. -0.08 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

Instrument :
BNA_G
ClientSampleId :
SB3-6-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.2	30.4
265	21.0	17.8	26.8

