

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022422.D
 Acq On : 18 Jun 2016 13:59
 Operator : UM/SJ
 Sample : H3580-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 08-B6(0-8)C

Quant Time: Jun 20 01:21:12 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

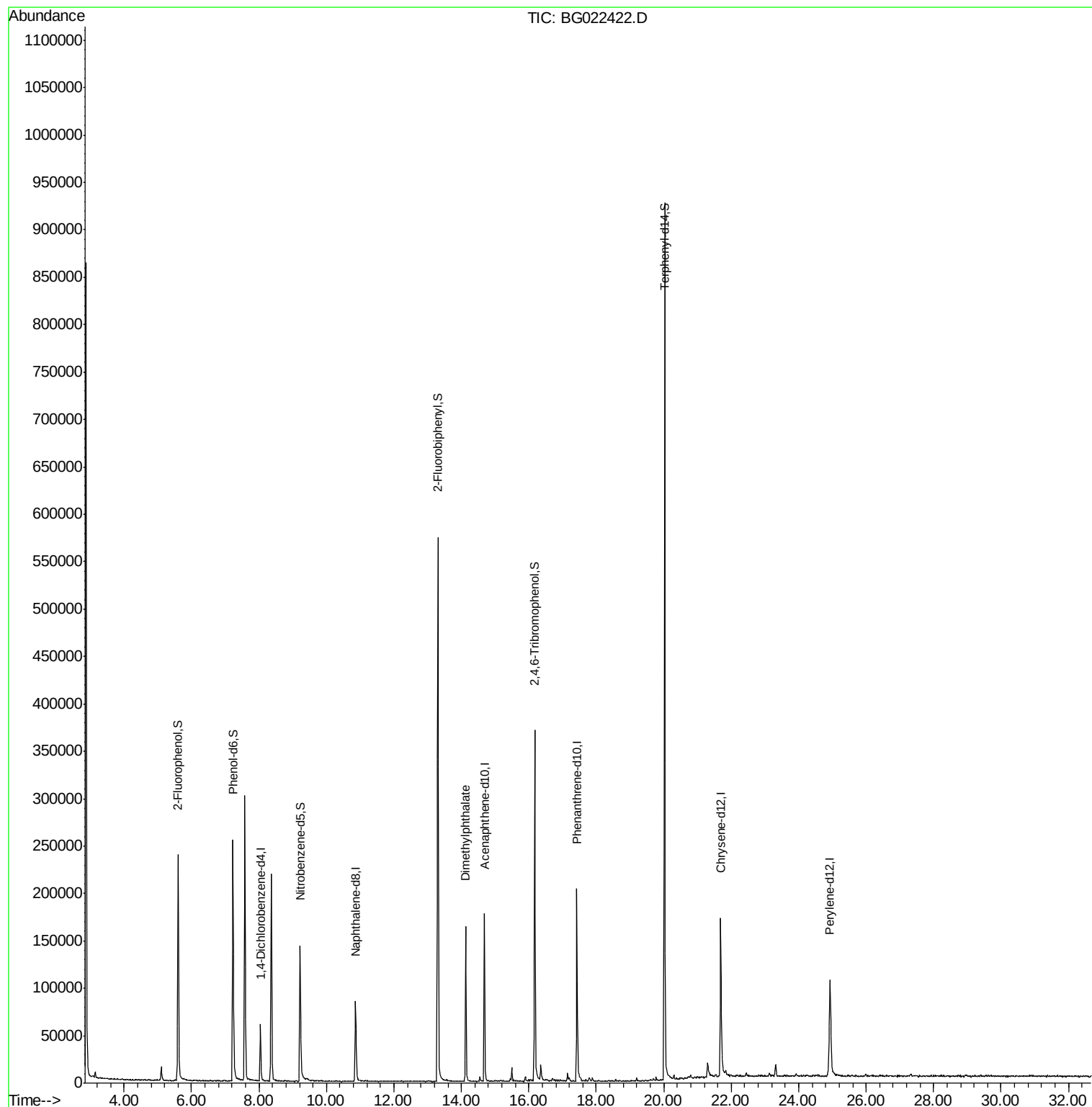
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21720	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	103495	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	70615	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	157016	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	137740	20.00	ng	-0.05
86) Perylene-d12	24.93	264	121814	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	165413	147.25	ng	-0.04
7) Phenol-d6	7.23	99	240513	136.17	ng	-0.02
23) Nitrobenzene-d5	9.22	82	127018	85.56	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	85214	106.80	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	358409	77.35	ng	-0.04
78) Terphenyl-d14	20.02	244	469289	80.89	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.13	163	146392	25.00	ng	Qvalue 99

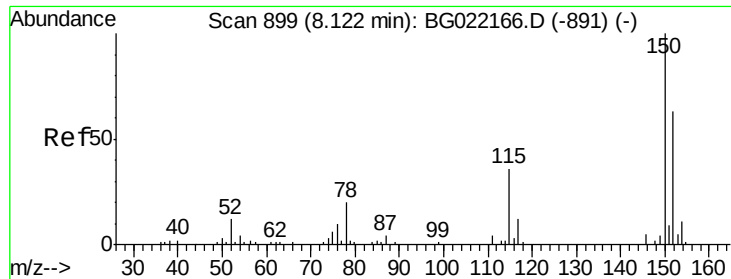
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022422.D

Acq: 18 Jun 2016 13:59

Instrument :

BNA_G

ClientSampleId :

08-B6(0-8)C

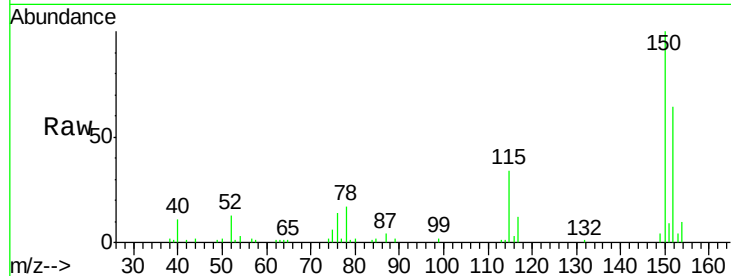
Tgt Ion:152 Resp: 21720

Ion Ratio Lower Upper

152 100

150 156.4 130.1 195.1

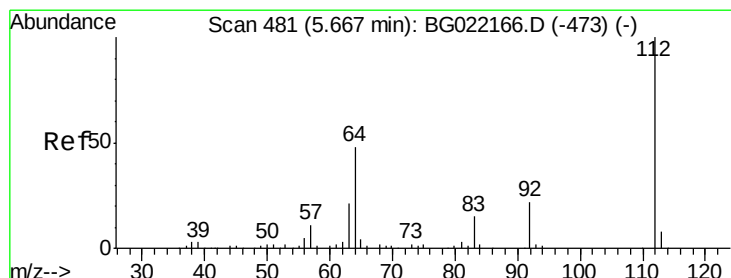
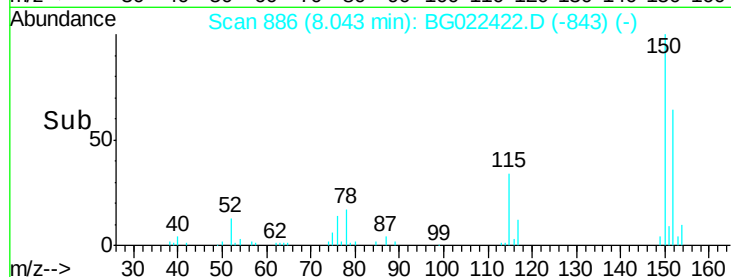
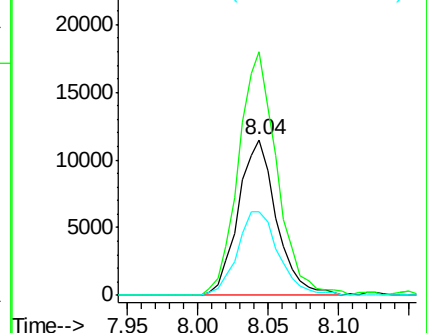
115 53.9 62.2 93.2#



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: 147.25 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.04 min

Lab File: BG022422.D

Acq: 18 Jun 2016 13:59

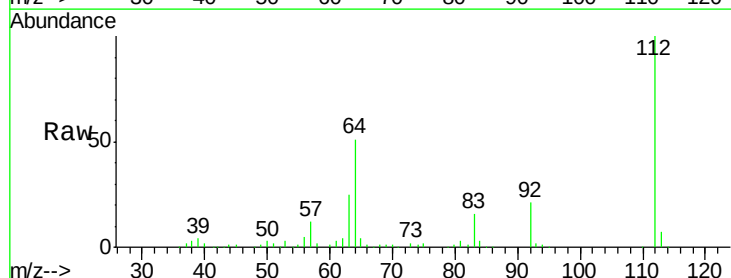
Tgt Ion:112 Resp: 165413

Ion Ratio Lower Upper

112 100

64 51.1 51.1 76.7#

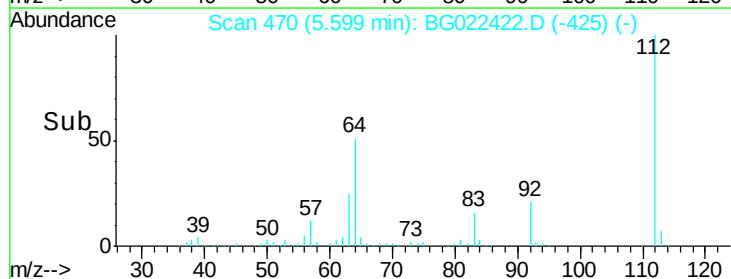
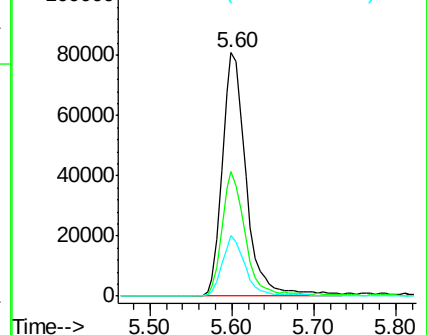
63 24.8 24.6 37.0

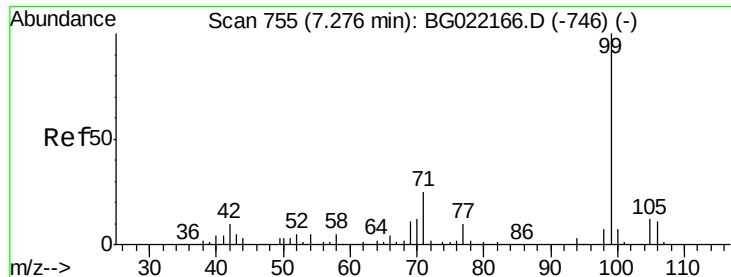


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.17 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG022422.D

Acq: 18 Jun 2016 13:59

Instrument :

BNA_G

ClientSampleId :

08-B6(0-8)C

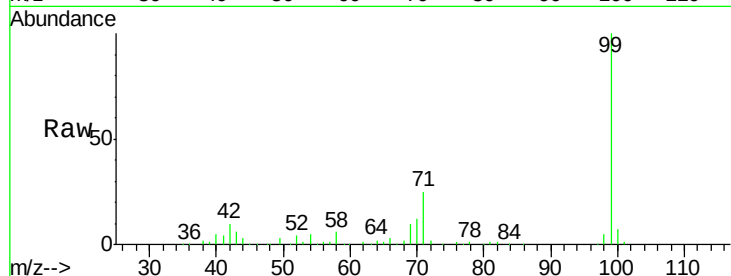
Tgt Ion: 99 Resp: 240513

Ion Ratio Lower Upper

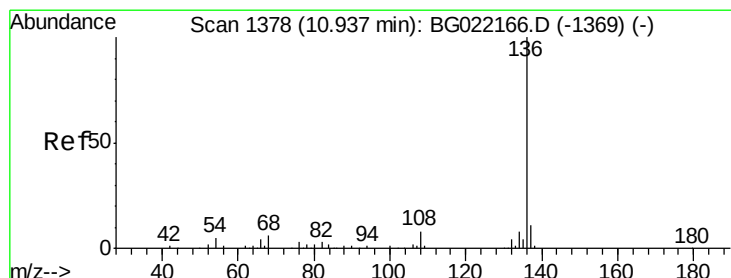
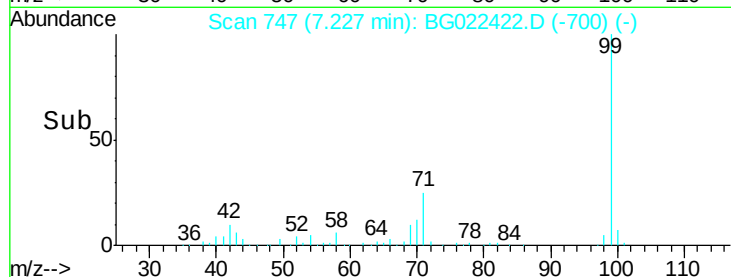
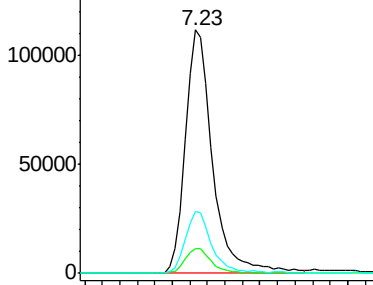
99 100

42 10.2 16.4 24.6#

71 25.3 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: BG022422.D

Acq: 18 Jun 2016 13:59

Tgt Ion: 136 Resp: 103495

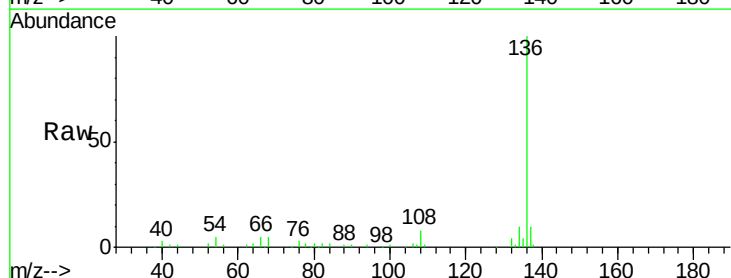
Ion Ratio Lower Upper

136 100

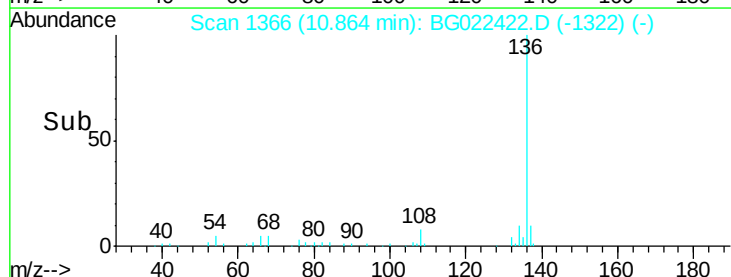
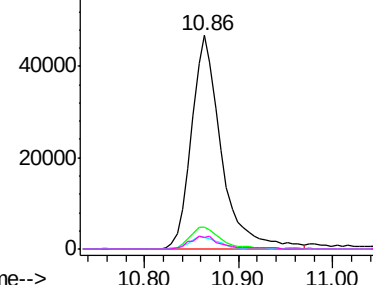
137 10.3 9.0 13.4

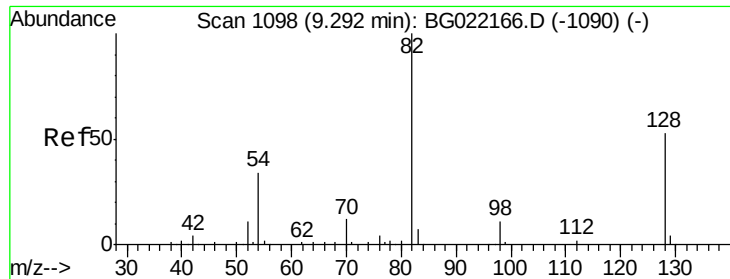
54 5.4 9.6 14.4#

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

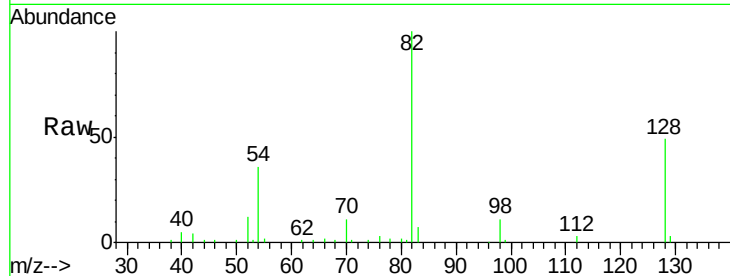




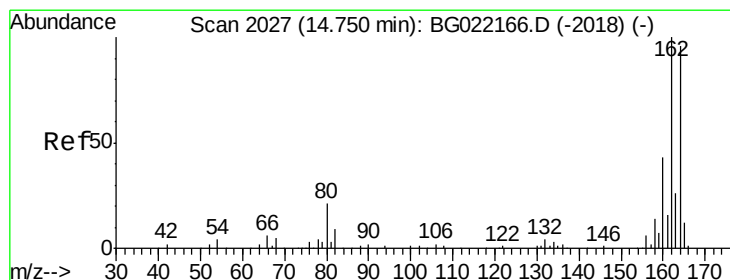
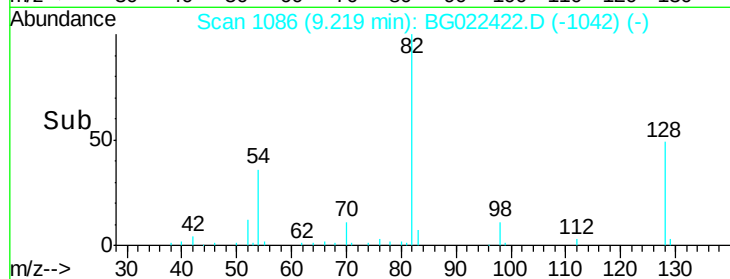
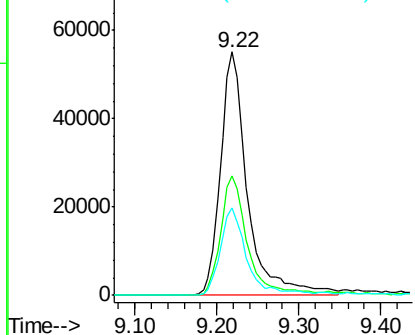
#23
 Nitrobenzene-d5
 Concen: 85.56 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.04 min
 Lab File: BG022422.D
 Acq: 18 Jun 2016 13:59

Instrument :
 BNA_G
 ClientSampleId :
 08-B6(0-8)C

Tgt Ion: 82 Resp: 127018
 Ion Ratio Lower Upper
 82 100
 128 49.1 33.4 50.0
 54 36.0 46.1 69.1#

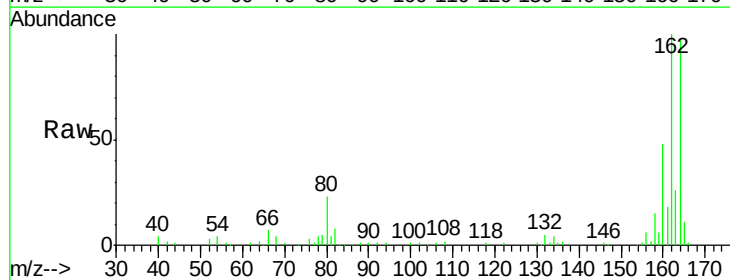


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

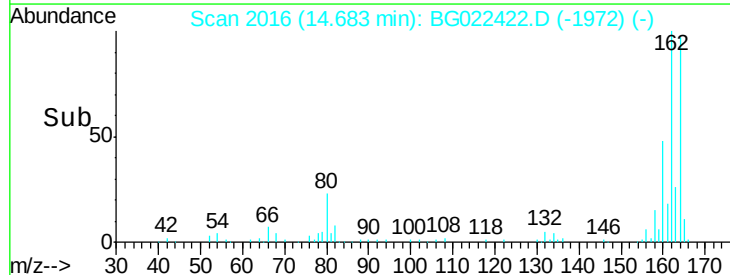
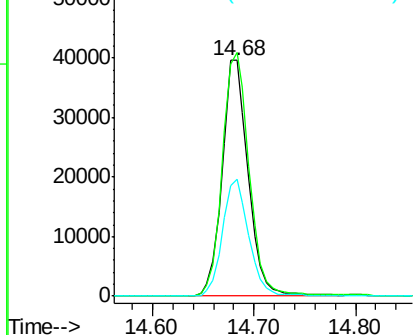


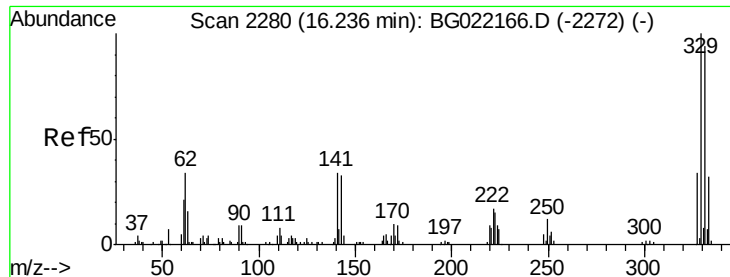
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BG022422.D
 Acq: 18 Jun 2016 13:59

Tgt Ion: 164 Resp: 70615
 Ion Ratio Lower Upper
 164 100
 162 103.4 78.0 117.0
 160 49.7 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: 106.80 ng

RT: 16.18 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BG022422.D

Acq: 18 Jun 2016 13:59

Instrument :

BNA_G

ClientSampleId :

08-B6(0-8)C

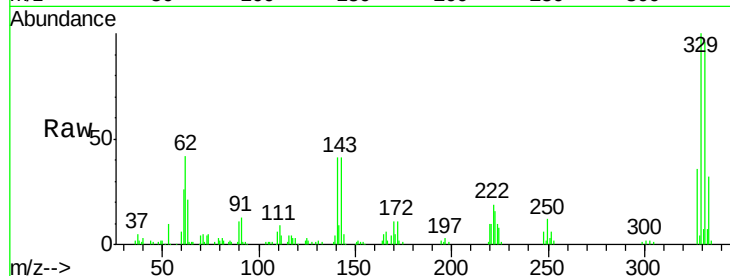
Tgt Ion:330 Resp: 85214

Ion Ratio Lower Upper

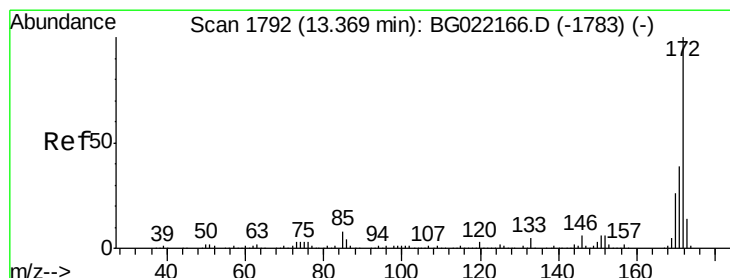
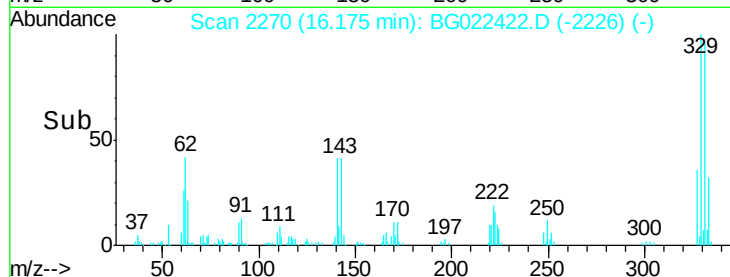
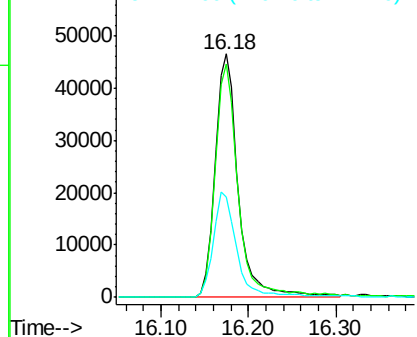
330 100

332 96.5 78.0 117.0

141 43.9 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: 77.35 ng

RT: 13.30 min Scan# 1781

Delta R.T. -0.04 min

Lab File: BG022422.D

Acq: 18 Jun 2016 13:59

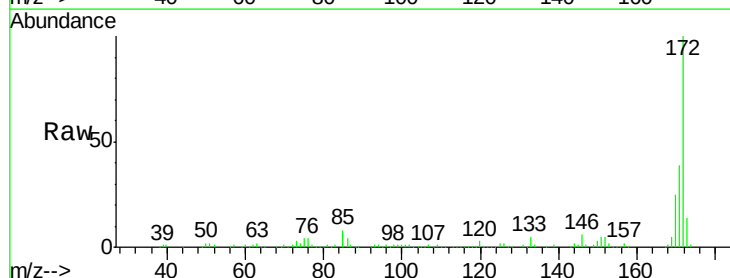
Tgt Ion:172 Resp: 358409

Ion Ratio Lower Upper

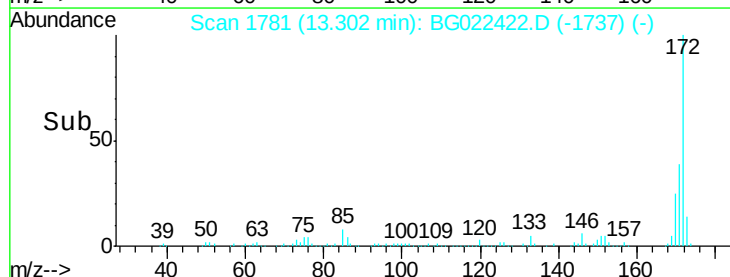
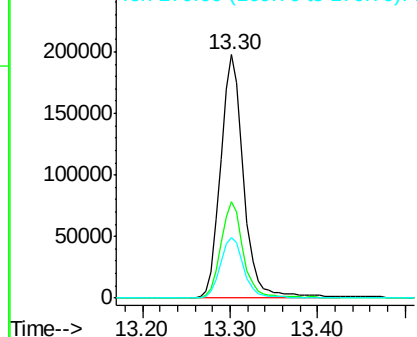
172 100

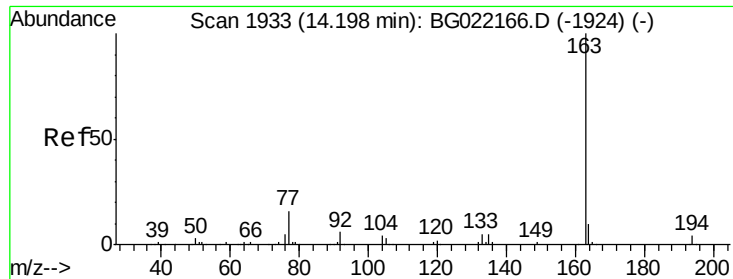
171 39.4 27.8 41.6

170 25.1 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: 25.00 ng

RT: 14.13 min Scan# 1922

Delta R.T. -0.04 min

Lab File: BG022422.D

Acq: 18 Jun 2016 13:59

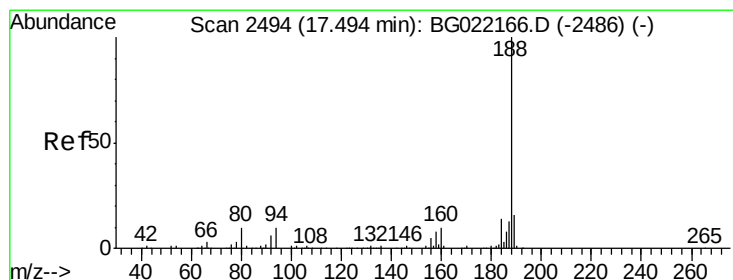
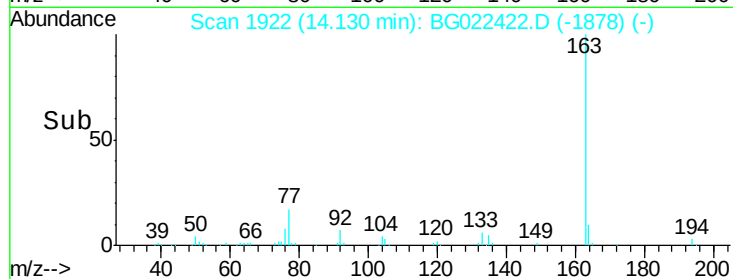
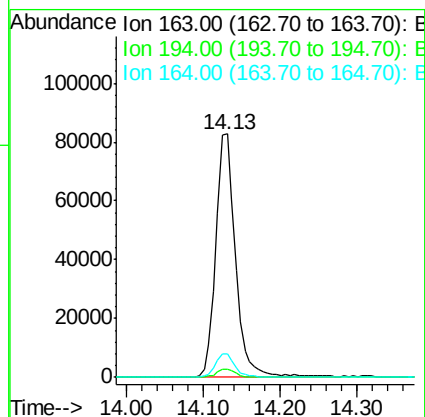
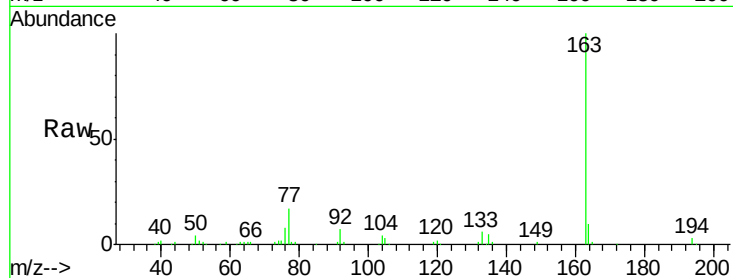
Instrument :

BNA_G

ClientSampleId :

08-B6(0-8)C

Tgt Ion:	163	Resp:	146392
Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	9.6	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

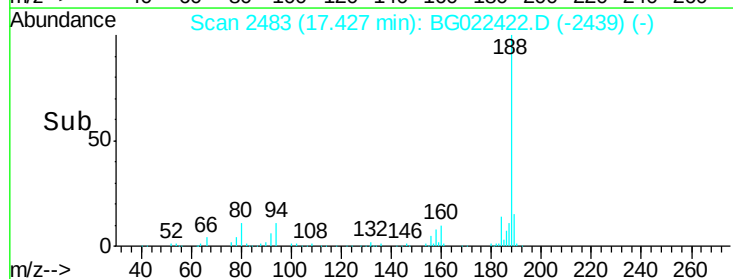
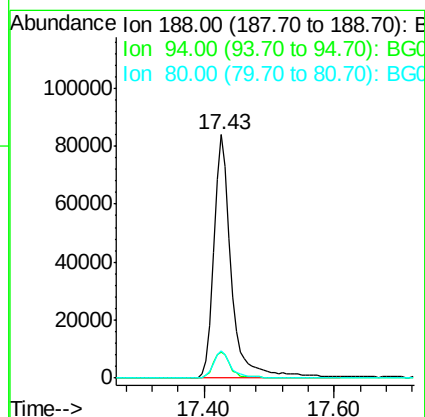
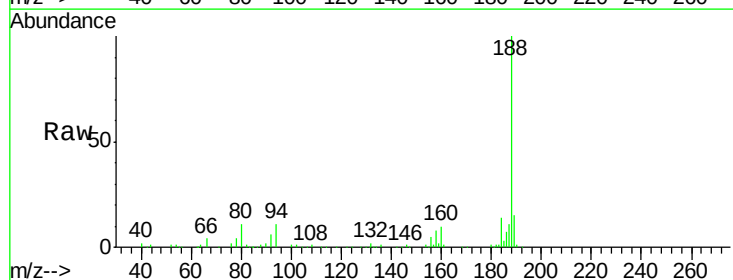
RT: 17.43 min Scan# 2483

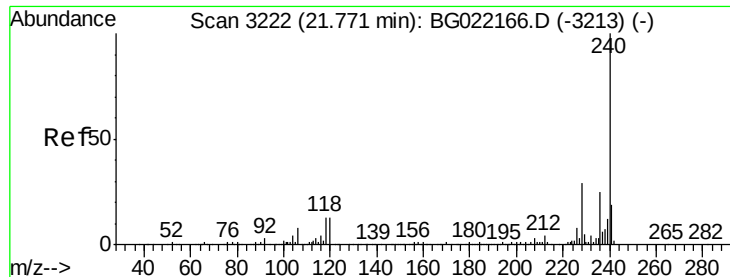
Delta R.T. -0.04 min

Lab File: BG022422.D

Acq: 18 Jun 2016 13:59

Tgt Ion:	188	Resp:	157016
Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.5	11.3
80	11.3	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: BG022422.D

Acq: 18 Jun 2016 13:59

Instrument :

BNA_G

ClientSampleId :

08-B6(0-8)C

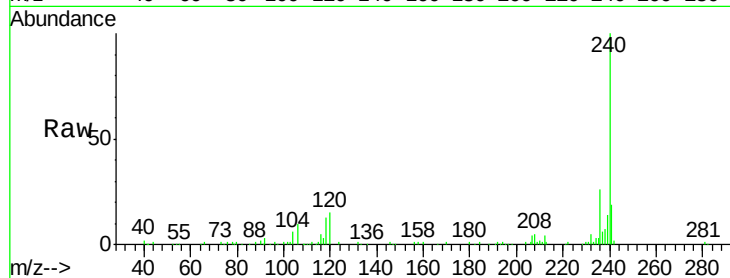
Tgt Ion:240 Resp: 137740

Ion Ratio Lower Upper

240 100

120 15.3 8.4 12.6#

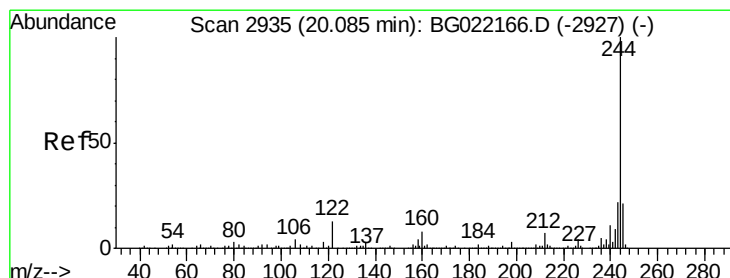
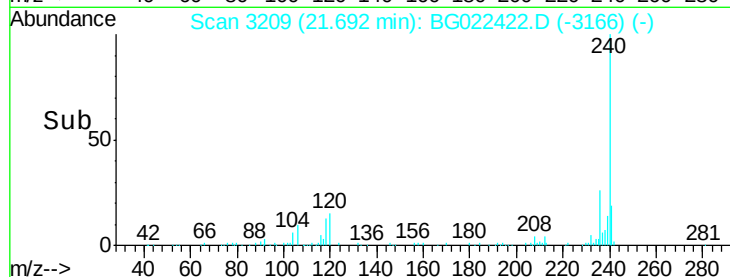
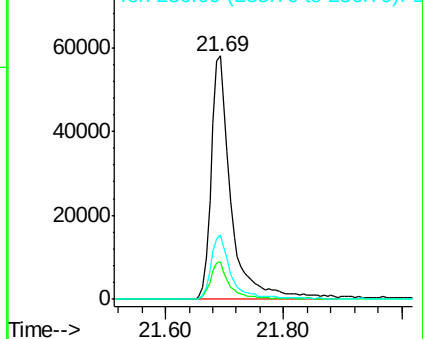
236 26.4 19.6 29.4



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: 80.89 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022422.D

Acq: 18 Jun 2016 13:59

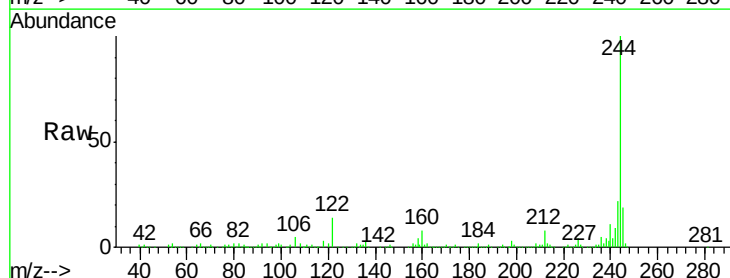
Tgt Ion:244 Resp: 469289

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

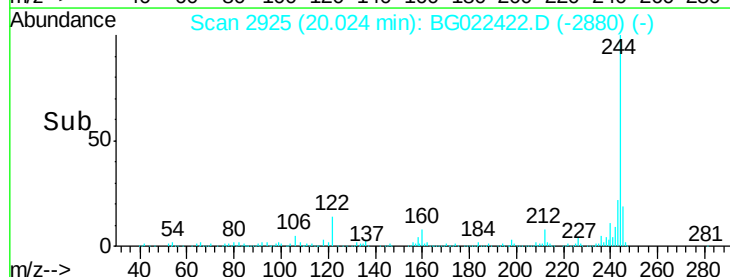
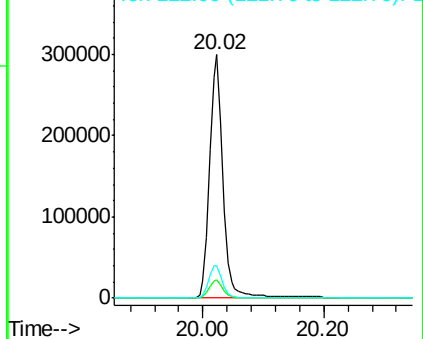
122 13.5 8.6 12.8#

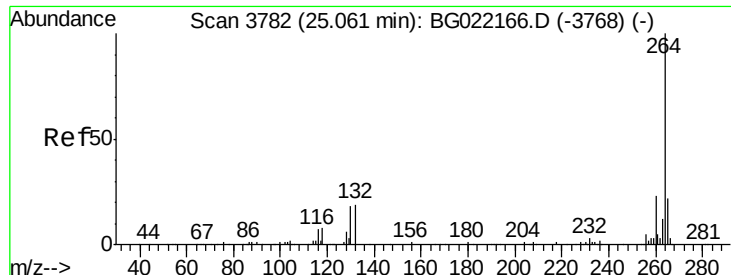


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

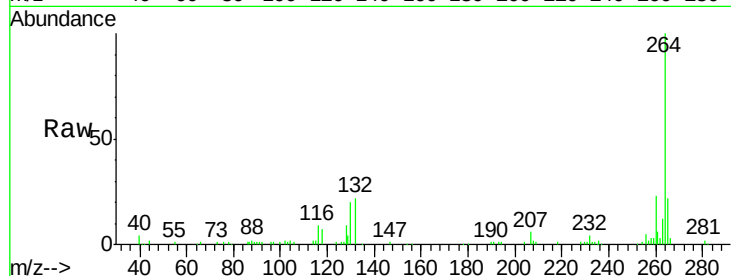




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.93 min Scan# 3760
Delta R.T. -0.08 min
Lab File: BG022422.D
Acq: 18 Jun 2016 13:59

Instrument :
BNA_G
ClientSampleId :
08-B6(0-8)C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.2	30.4
265	22.0	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

