

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
 Data File : BG022281.D
 Acq On : 10 Jun 2016 5:51
 Operator : UM/SJ
 Sample : H3396-06
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-953-PLATFORM(0-4)

Quant Time: Jun 10 08:02:30 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

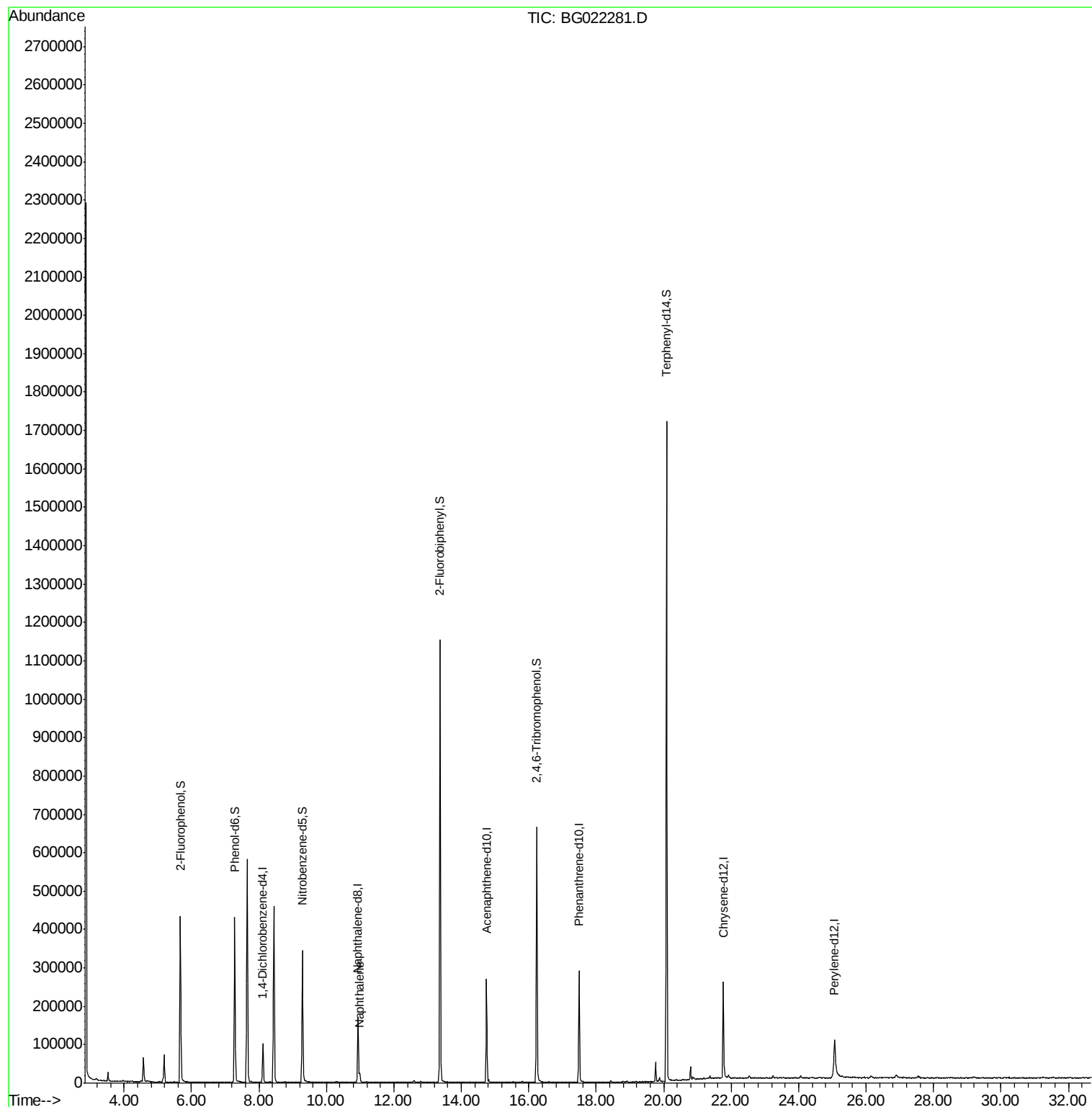
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37506	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	189939	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	103249	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	205519	20.00	ng	0.00
75) Chrysene-d12	21.76	240	177313	20.00	ng	0.00
86) Perylene-d12	25.07	264	156422m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	280857	144.78	ng	0.00
7) Phenol-d6	7.28	99	371303	121.74	ng	0.00
23) Nitrobenzene-d5	9.29	82	266996	98.00	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	155698	133.46	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	702684	103.72	ng	0.00
78) Terphenyl-d14	20.08	244	800570	107.19	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	27473	2.90	ng	Qvalue # 96

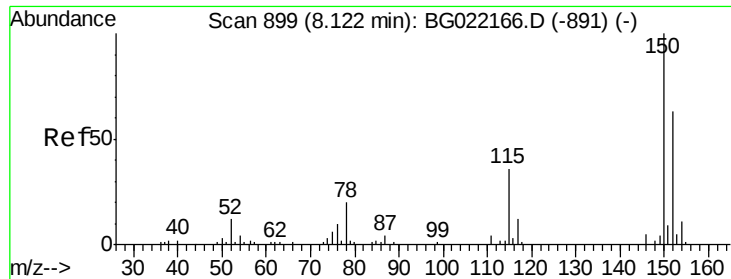
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

Instrument :

BNA_G

ClientSampleId :

STA-953-PLATFORM(0-4)

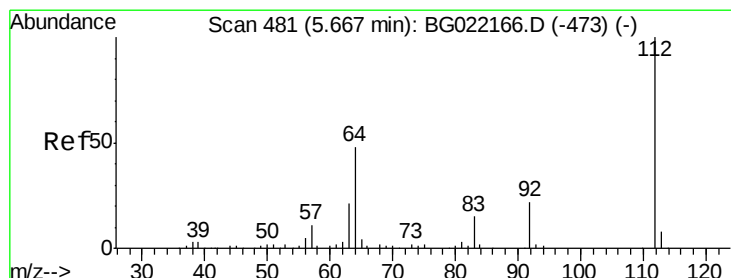
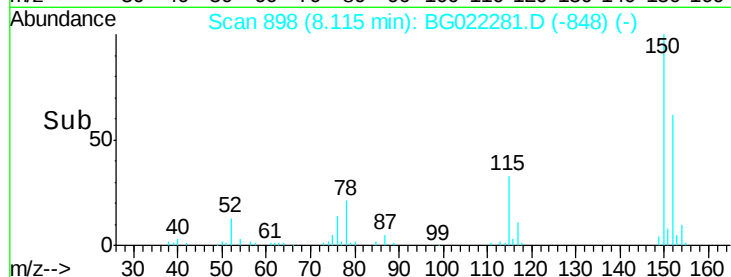
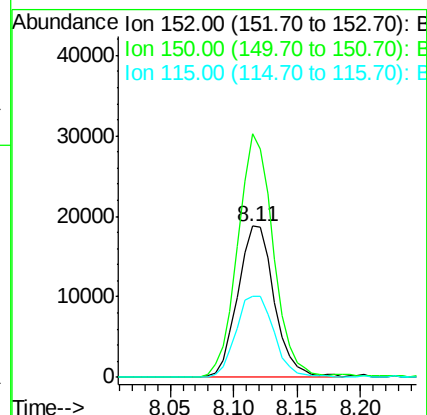
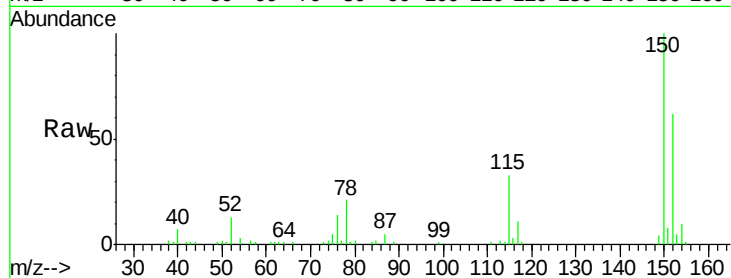
Tot Ion:152 Resp: 37506

Ion Ratio Lower Upper

152 100

150 161.2 130.1 195.1

115 53.3 62.2 93.2#



#5

2-Fluorophenol

Concen: 144.78 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

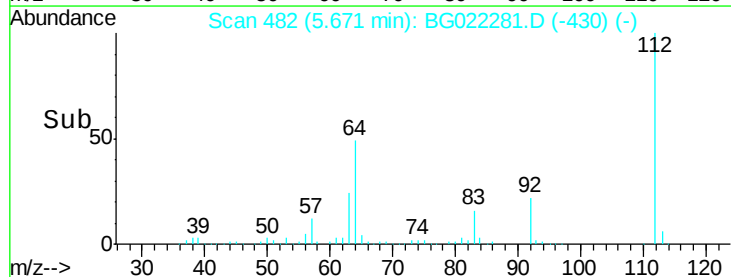
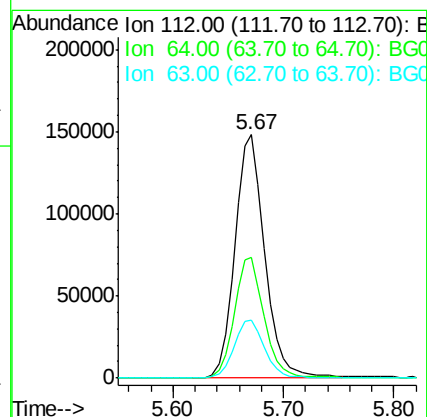
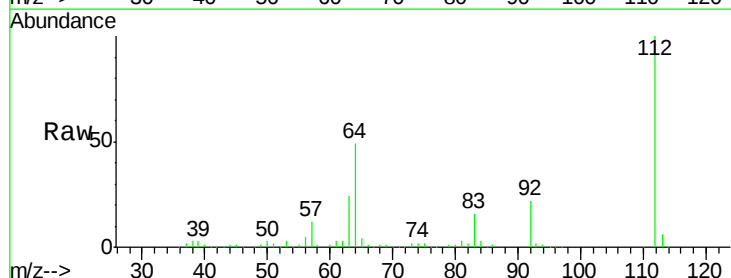
Tgt Ion:112 Resp: 280857

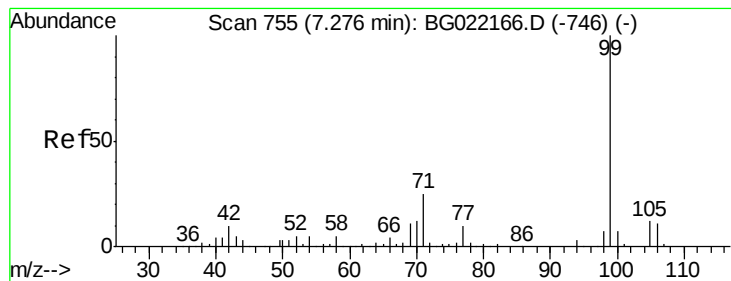
Ion Ratio Lower Upper

112 100

64 49.4 51.1 76.7#

63 23.7 24.6 37.0#





#7

Phenol-d6

Concen: 121.74 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

Instrument :

BNA_G

ClientSampleId :

STA-953-PLATFORM(0-4)

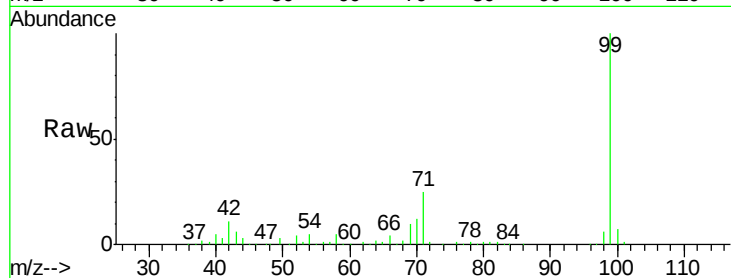
Tot Ion: 99 Resp: 371303

Ion Ratio Lower Upper

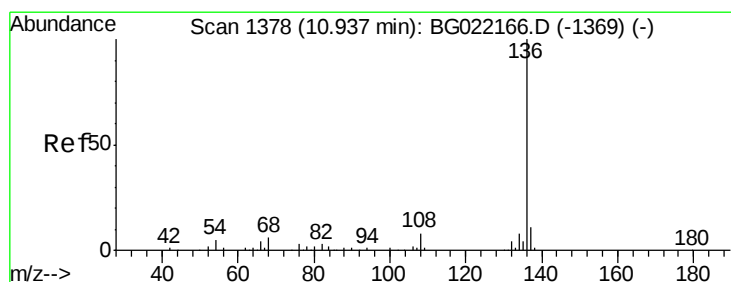
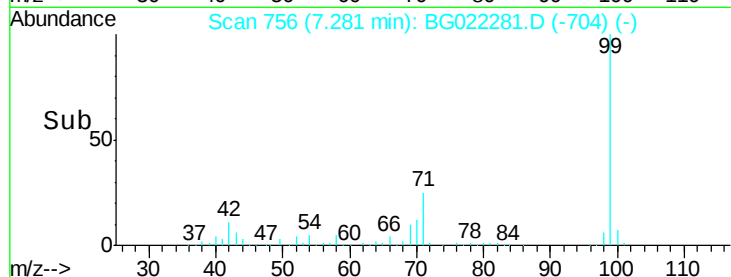
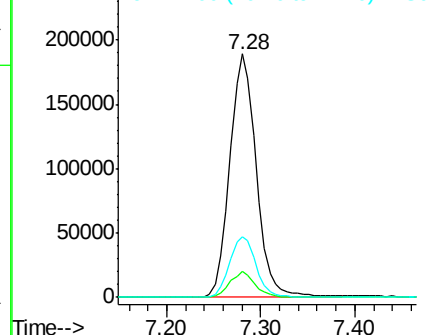
99 100

42 10.6 16.4 24.6#

71 25.0 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: BG022281.D

Acq: 10 Jun 2016 5:51

Tgt Ion: 136 Resp: 189939

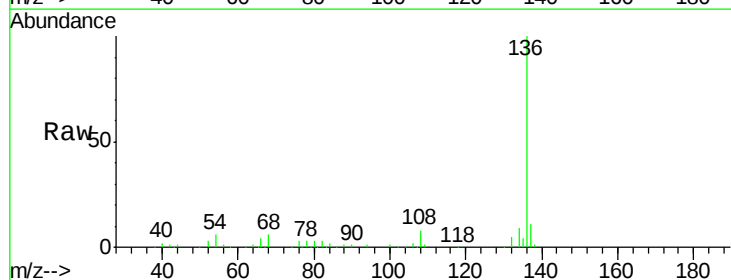
Ion Ratio Lower Upper

136 100

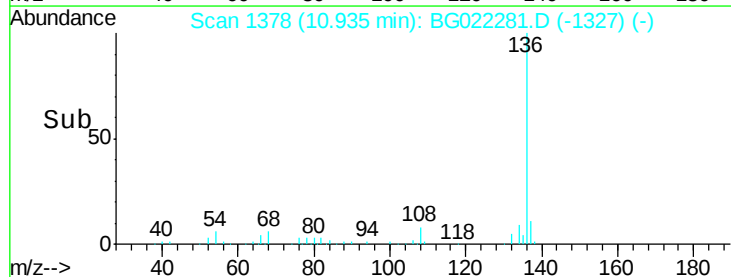
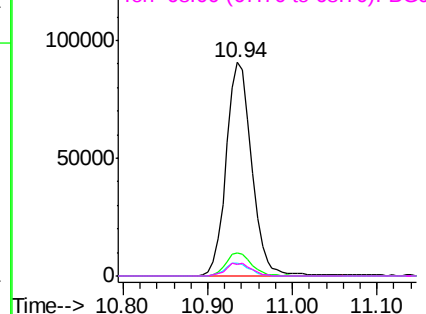
137 11.0 9.0 13.4

54 5.9 9.6 14.4#

68 5.7 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

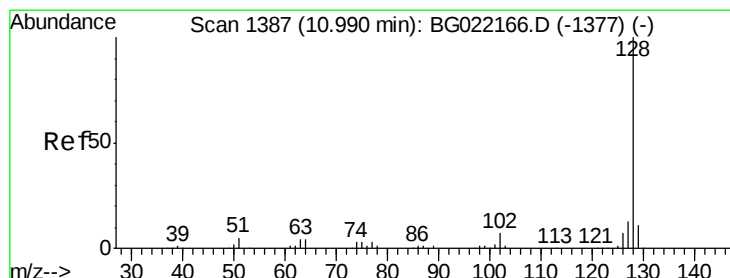
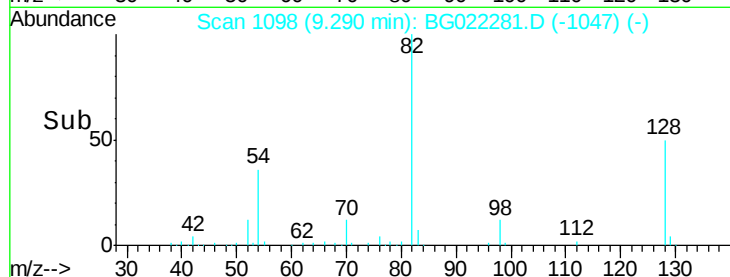
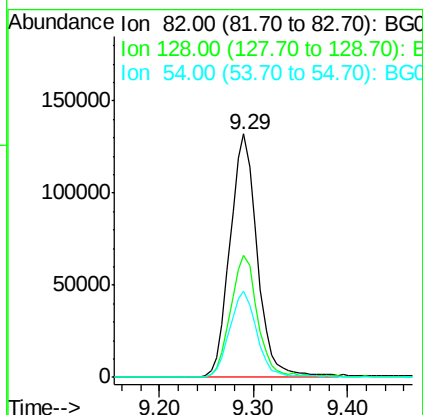
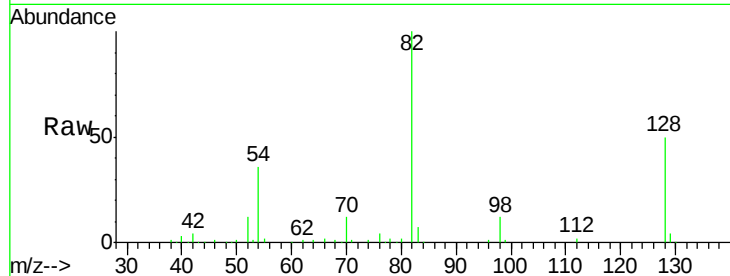




#23
Nitrobenzene-d5
Concen: 98.00 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022281.D
Acq: 10 Jun 2016 5:51

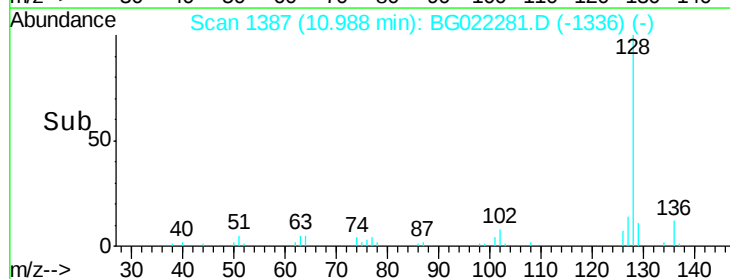
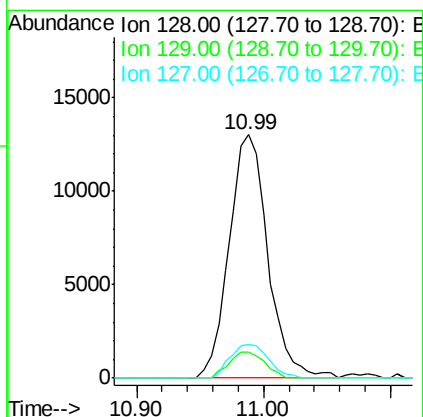
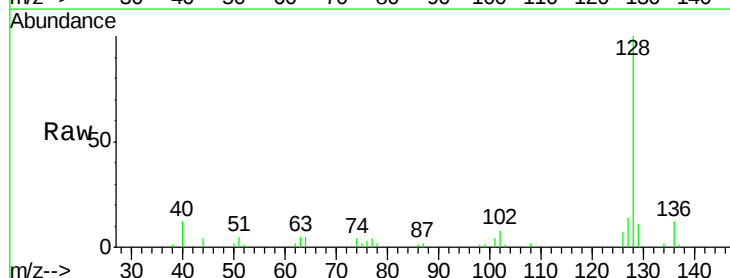
Instrument :
BNA_G
ClientSampleId :
STA-953-PLATFORM(0-4)

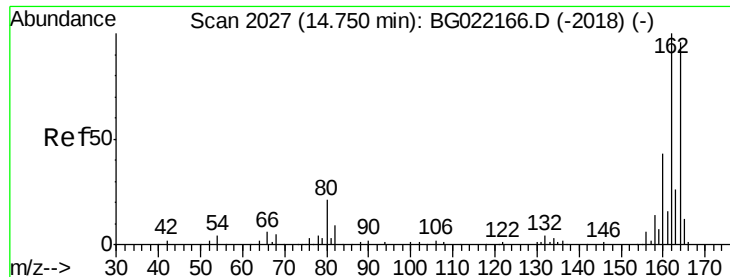
Tot Ion	82	Resp	266996
Ion Ratio	100	Lower	Upper
128	50.3	33.4	50.0#
54	35.6	46.1	69.1#



#31
Naphthalene
Concen: 2.90 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022281.D
Acq: 10 Jun 2016 5:51

Tgt Ion	128	Resp	27473
Ion Ratio	100	Lower	Upper
129	10.9	7.0	10.6#
127	13.8	10.1	15.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

Instrument :

BNA_G

ClientSampleId :

STA-953-PLATFORM(0-4)

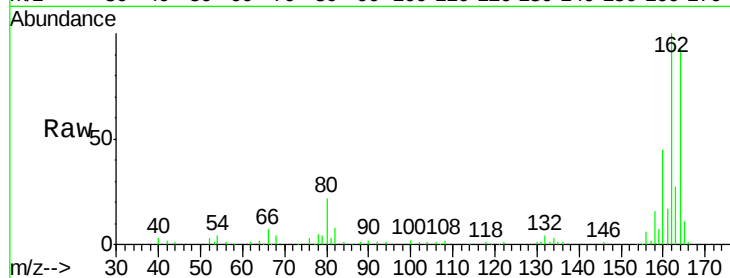
Tot Ion:164 Resp: 103249

Ion Ratio Lower Upper

164 100

162 107.2 78.0 117.0

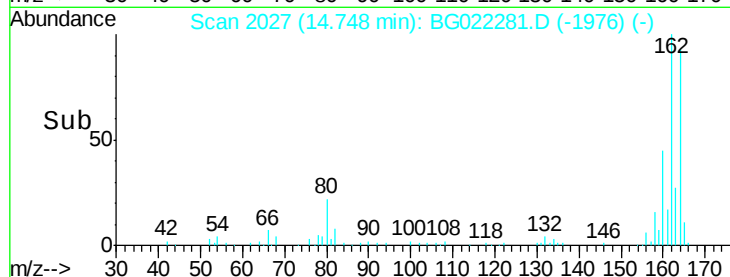
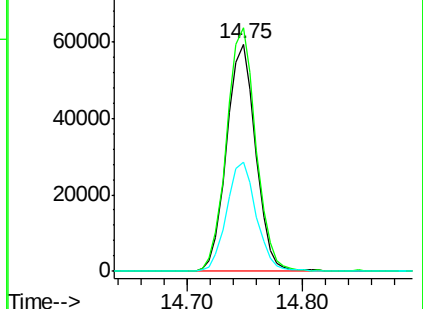
160 48.3 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 133.46 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

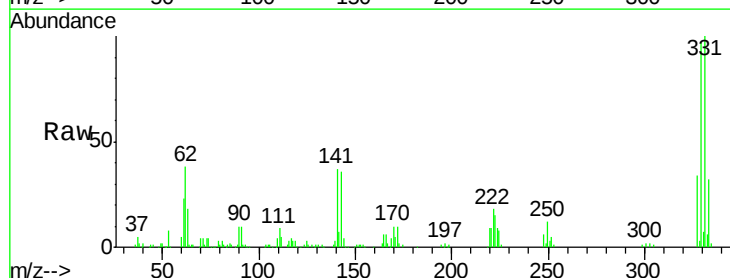
Tgt Ion:330 Resp: 155698

Ion Ratio Lower Upper

330 100

332 95.4 78.0 117.0

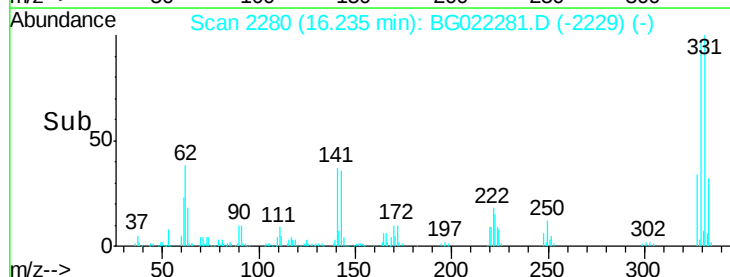
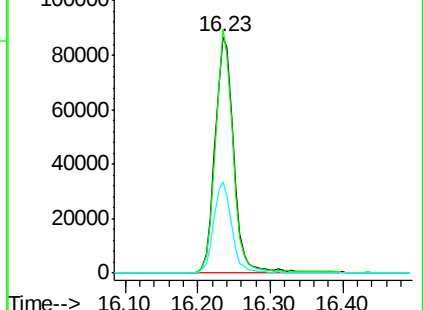
141 37.1 33.8 50.8

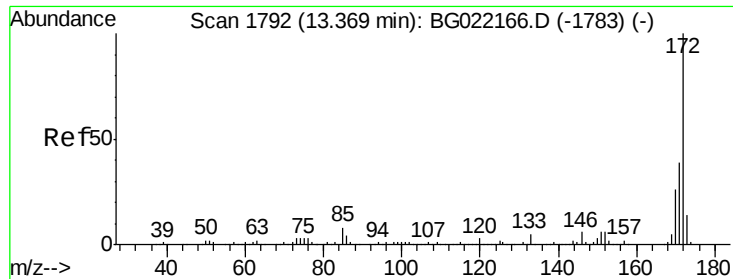


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

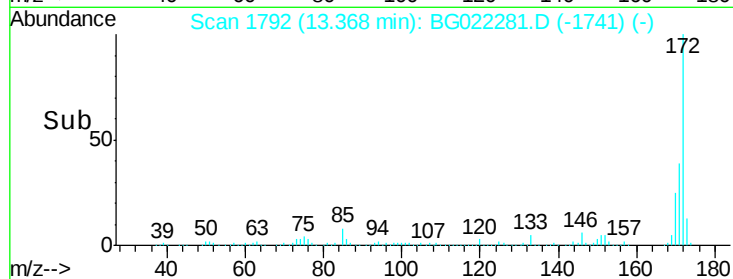
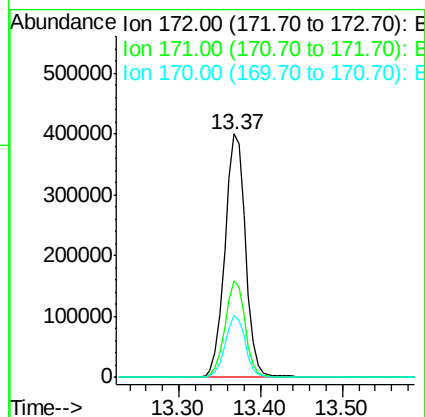
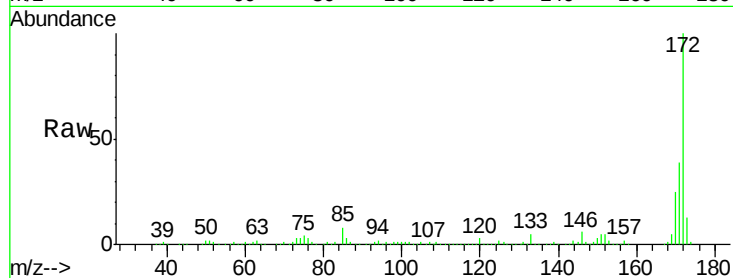




#44
 2-Fluorobiphenyl
 Concen: 103.72 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022281.D
 Acq: 10 Jun 2016 5:51

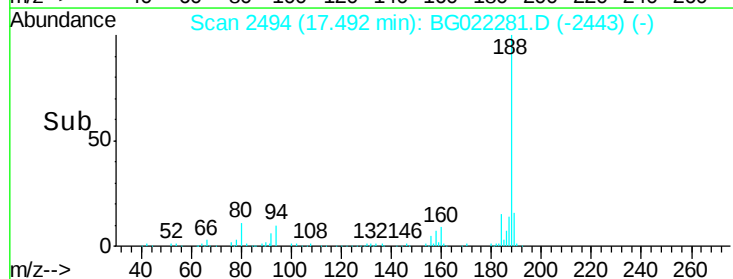
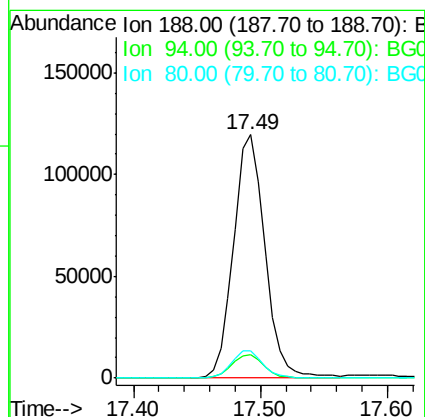
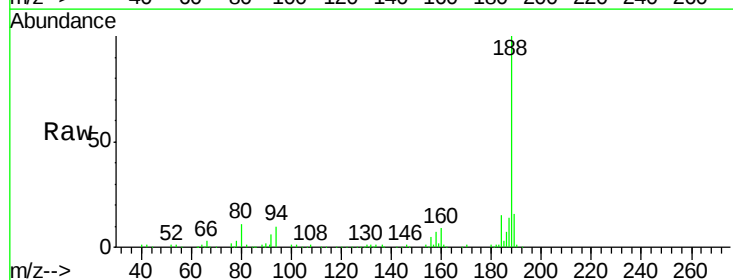
Instrument :
 BNA_G
 ClientSampleId :
 STA-953-PLATFORM(0-4)

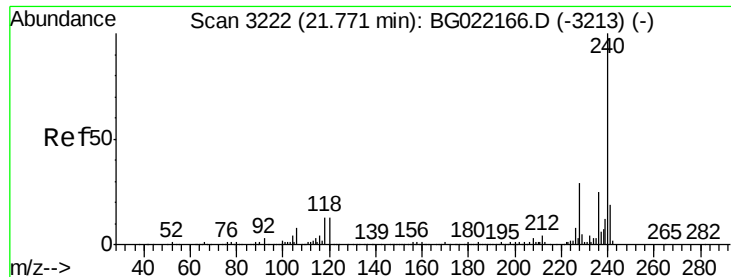
Tot Ion:172 Resp: 702684
 Ion Ratio Lower Upper
 172 100
 171 39.4 27.8 41.6
 170 25.4 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BG022281.D
 Acq: 10 Jun 2016 5:51

Tgt Ion:188 Resp: 205519
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.5 11.3
 80 11.2 8.6 13.0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

Instrument :

BNA_G

ClientSampleId :

STA-953-PLATFORM(0-4)

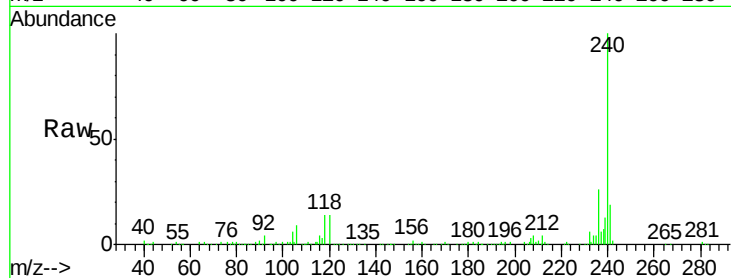
Tot Ion:240 Resp: 177313

Ion Ratio Lower Upper

240 100

120 13.5 8.4 12.6#

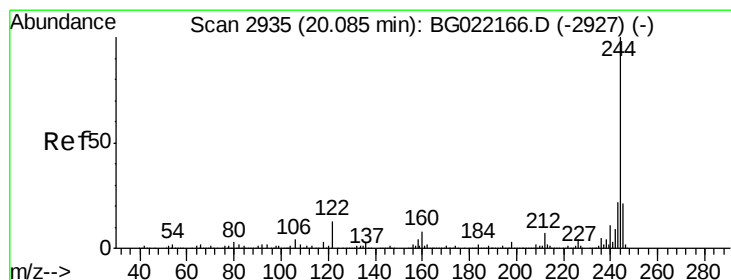
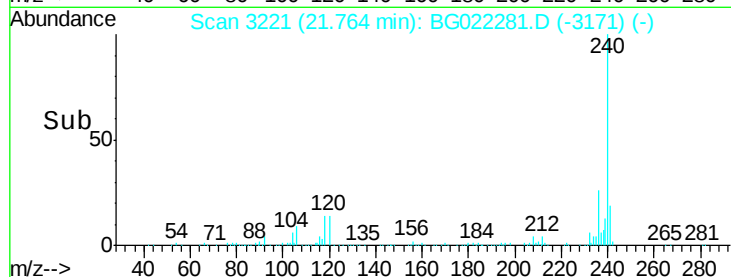
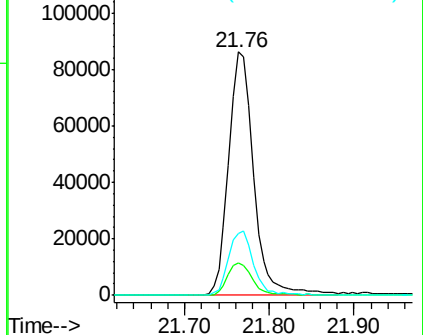
236 25.7 19.6 29.4



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: 107.19 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

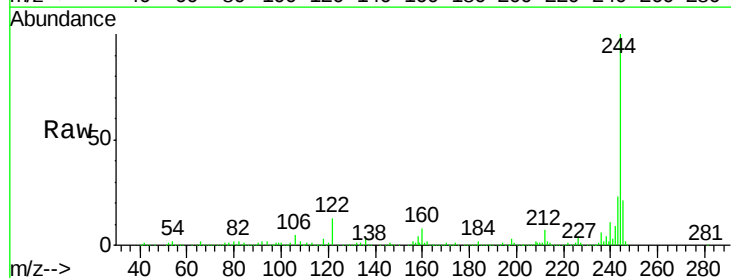
Tgt Ion:244 Resp: 800570

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

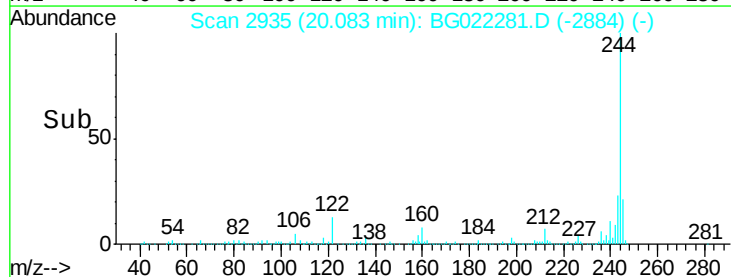
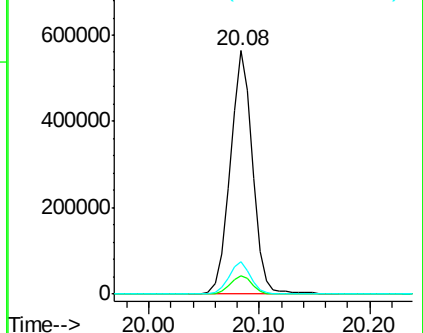
122 13.1 8.6 12.8#

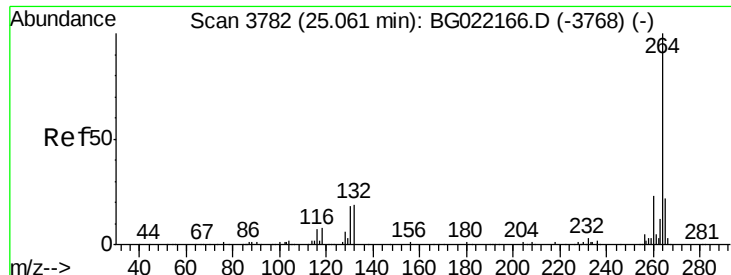


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

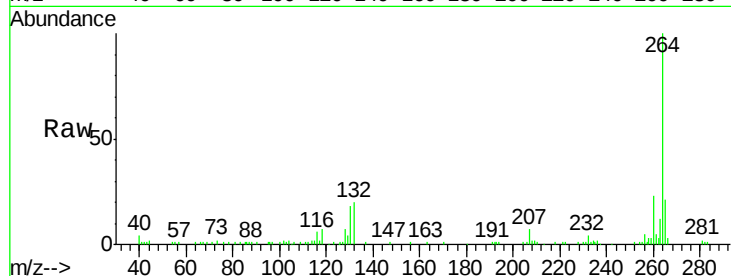




#86
Pervlene-d12
Concen: 20.00 ng/ml
RT: 25.07 min Scan# 3783
Delta R.T. 0.00 min
Lab File: BG022281.D
Acq: 10 Jun 2016 5:51

Instrument :
BNA_G
ClientSampleId :
STA-953-PLATFORM(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	20.2	30.4
265	20.8	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

