

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022228.D
 Acq On : 8 Jun 2016 8:43
 Operator : UM/SJ
 Sample : H3425-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP16-JMW0882

Quant Time: Jun 08 17:05:31 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

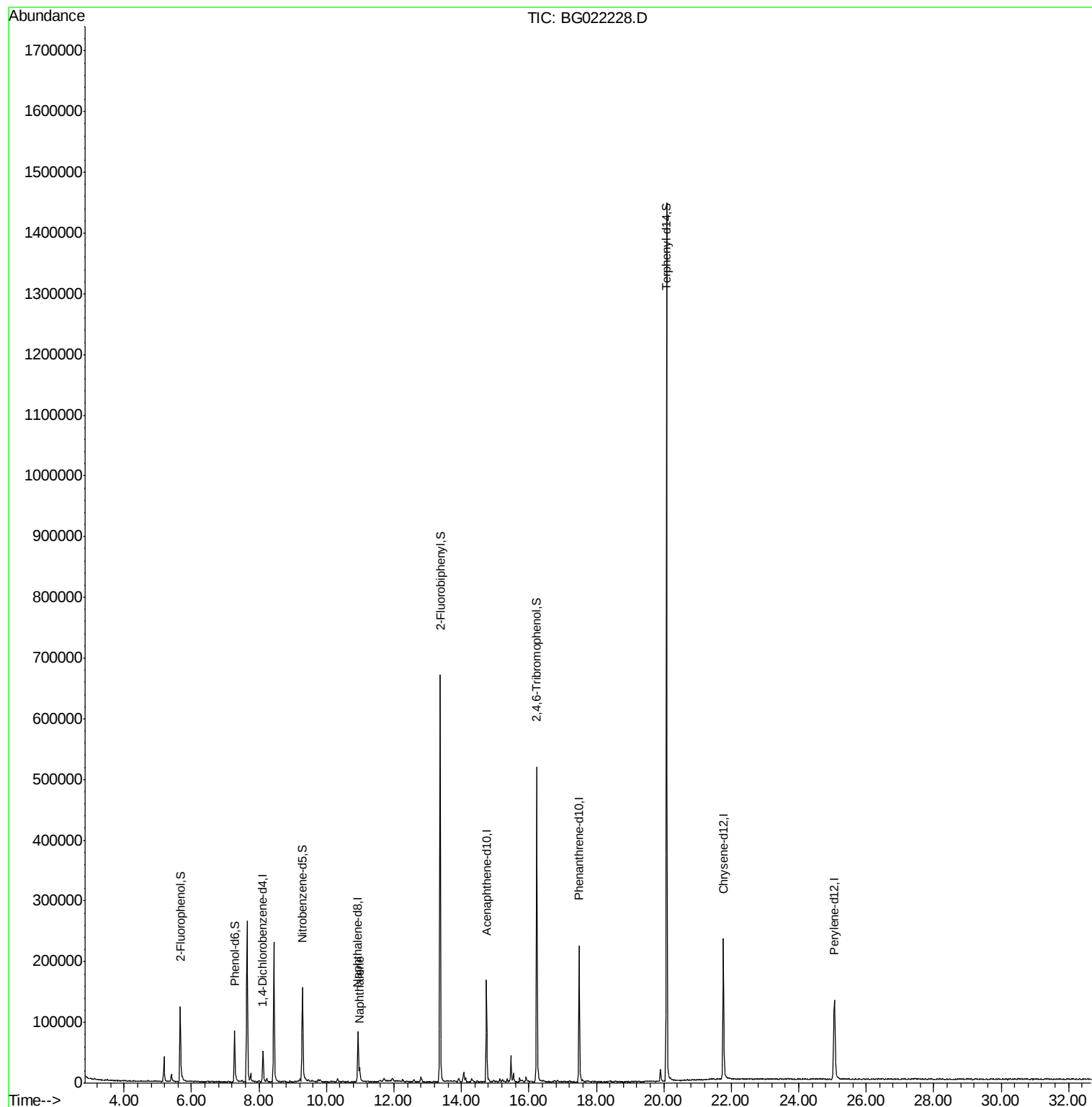
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	20379	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	99905	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	67147	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	166179	20.00	ng	0.00
75) Chrysene-d12	21.76	240	167340	20.00	ng	0.00
86) Perylene-d12	25.05	264	157391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	86569	82.13	ng	0.00
7) Phenol-d6	7.28	99	79513	47.98	ng	0.00
23) Nitrobenzene-d5	9.29	82	137306	95.82	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	118581	156.29	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	404938	91.90	ng	0.00
78) Terphenyl-d14	20.08	244	718801	101.98	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	22421	4.50	ng	Qvalue # 95

(#) = 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: BG022228.D

Acq: 8 Jun 2016 8:43

Instrument :

BNA_G

ClientSampleId :

SP16-JMW0882

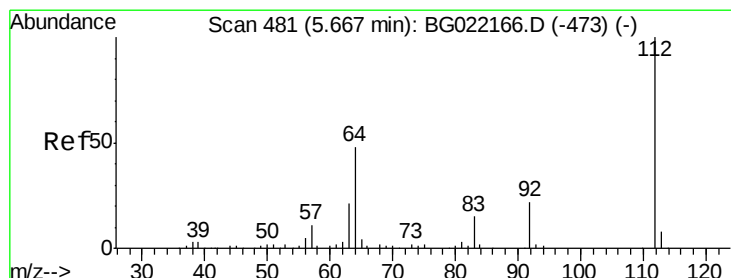
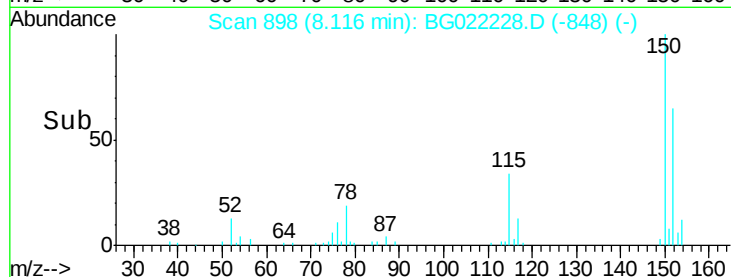
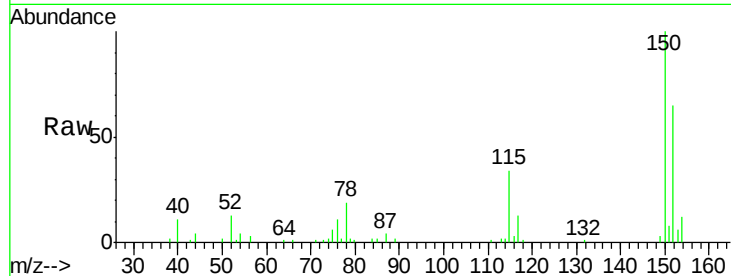
Tgt Ion:152 Resp: 20379

Ion Ratio Lower Upper

152 100

150 152.9 130.1 195.1

115 52.6 62.2 93.2#



#5

2-Fluorophenol

Concen: 82.13 ng

RT: 5.67 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022228.D

Acq: 8 Jun 2016 8:43

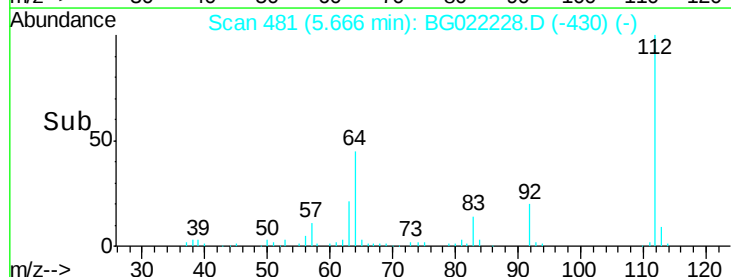
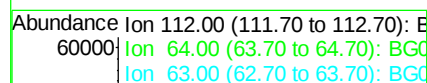
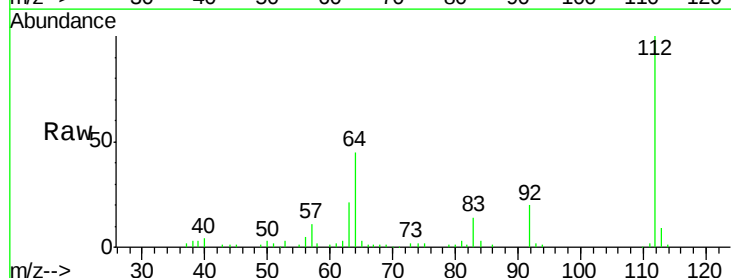
Tgt Ion:112 Resp: 86569

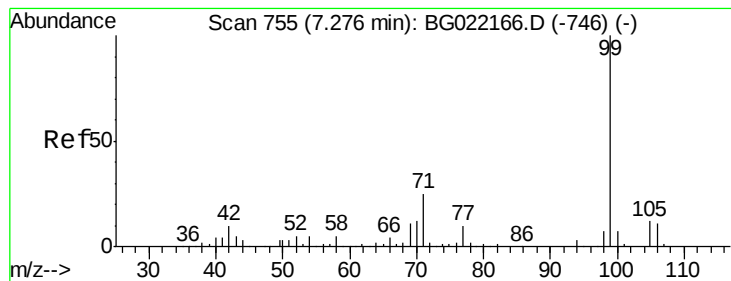
Ion Ratio Lower Upper

112 100

64 45.2 51.1 76.7#

63 20.9 24.6 37.0#





#7

Phenol-d6

Concen: 47.98 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022228.D

Acq: 8 Jun 2016 8:43

Instrument :

BNA_G

ClientSampleId :

SP16-JMW0882

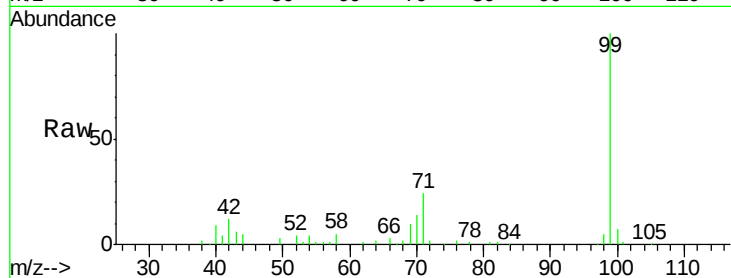
Tgt Ion: 99 Resp: 79513

Ion Ratio Lower Upper

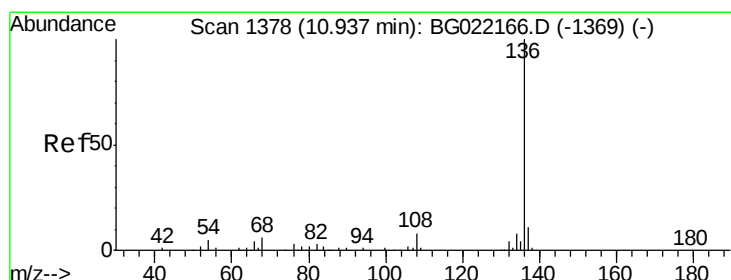
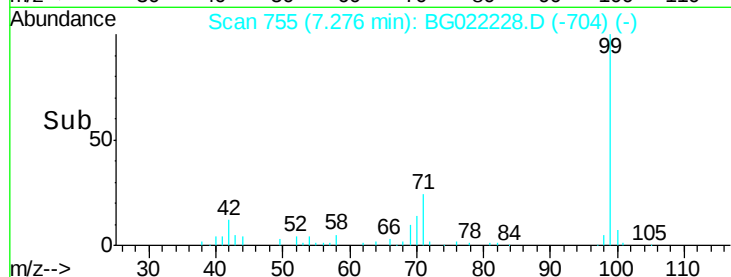
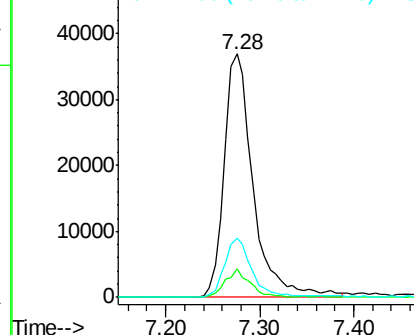
99 100

42 11.7 16.4 24.6#

71 24.1 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: BG022228.D

Acq: 8 Jun 2016 8:43

Tgt Ion: 136 Resp: 99905

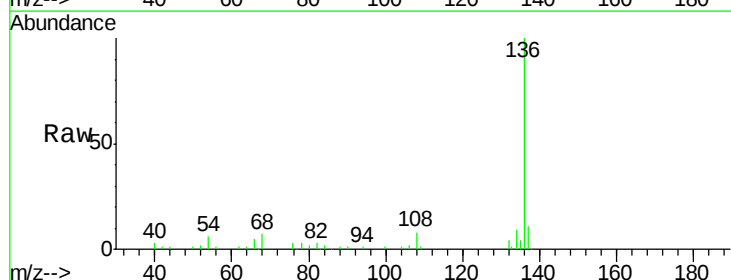
Ion Ratio Lower Upper

136 100

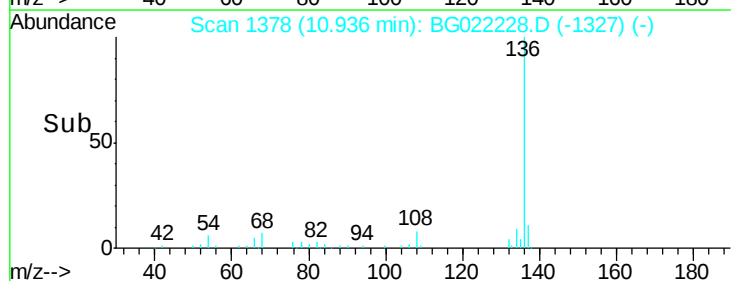
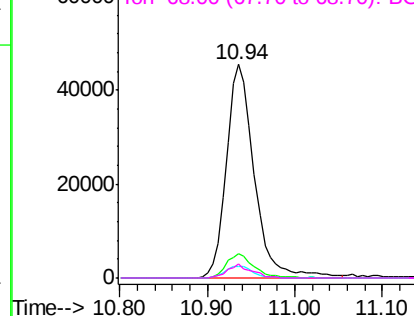
137 11.1 9.0 13.4

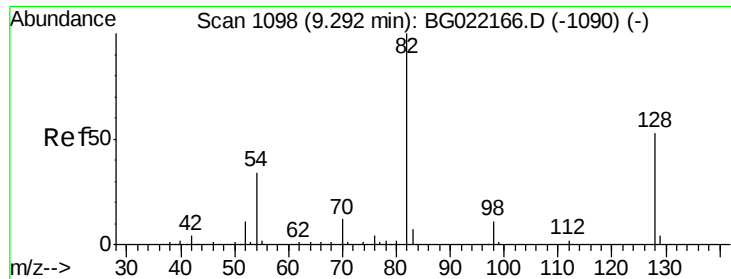
54 5.6 9.6 14.4#

68 6.5 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

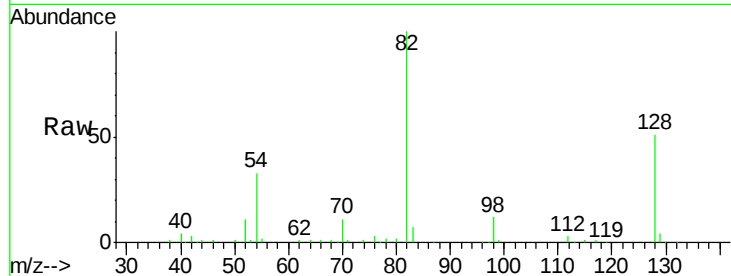




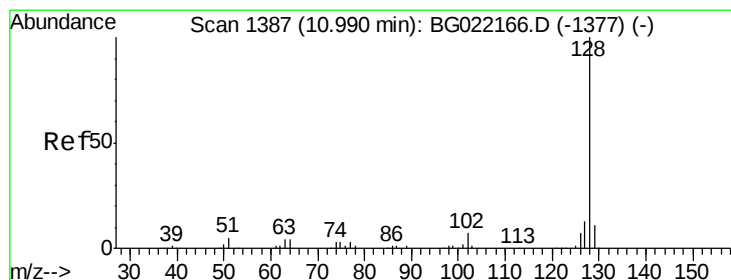
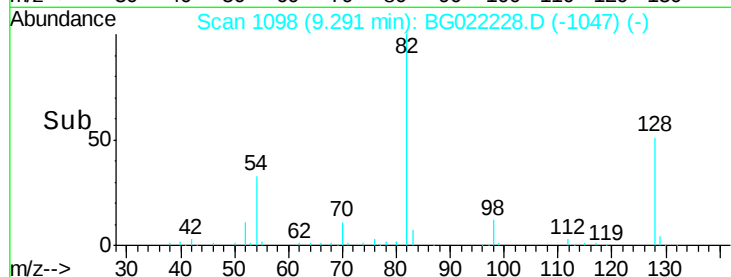
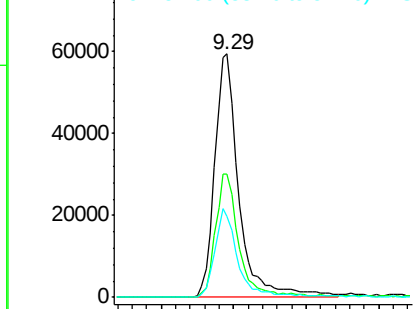
#23
Nitrobenzene-d5
Concen: 95.82 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022228.D
Acq: 8 Jun 2016 8:43

Instrument :
BNA_G
ClientSampleId :
SP16-JMW0882

Tgt Ion: 82 Resp: 137306
Ion Ratio Lower Upper
82 100
128 50.7 33.4 50.0#
54 33.1 46.1 69.1#

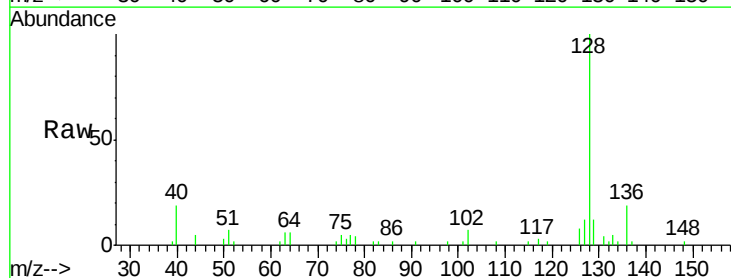


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

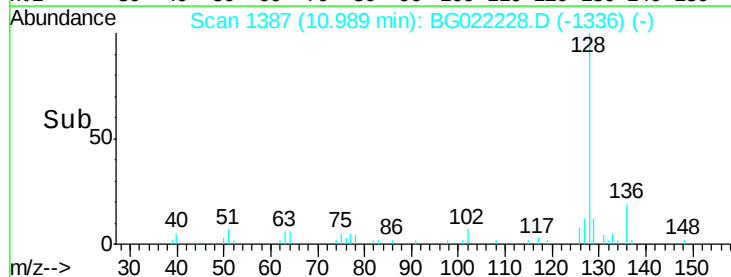
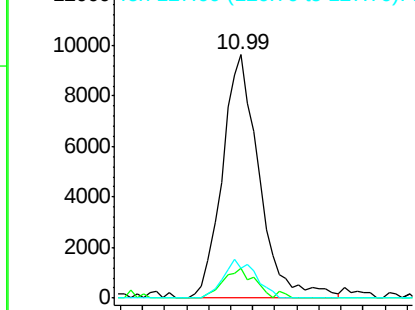


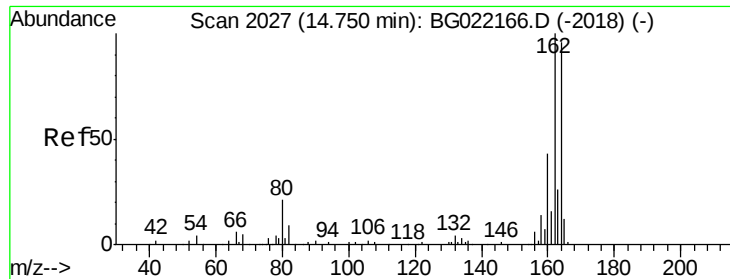
#31
Naphthalene
Concen: 4.50 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022228.D
Acq: 8 Jun 2016 8:43

Tgt Ion: 128 Resp: 22421
Ion Ratio Lower Upper
128 100
129 12.3 7.0 10.6#
127 12.2 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BG022228.D

Acq: 8 Jun 2016 8:43

Instrument :

BNA_G

ClientSampleId :

SP16-JMW0882

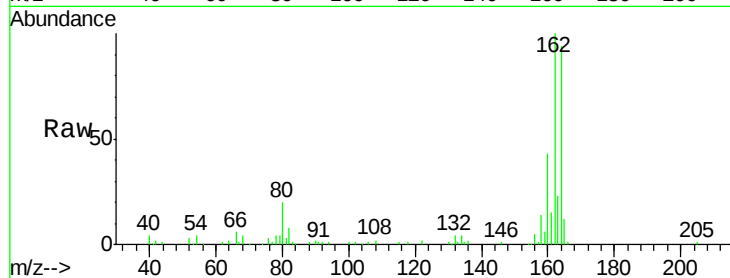
Tgt Ion:164 Resp: 67147

Ion Ratio Lower Upper

164 100

162 106.0 78.0 117.0

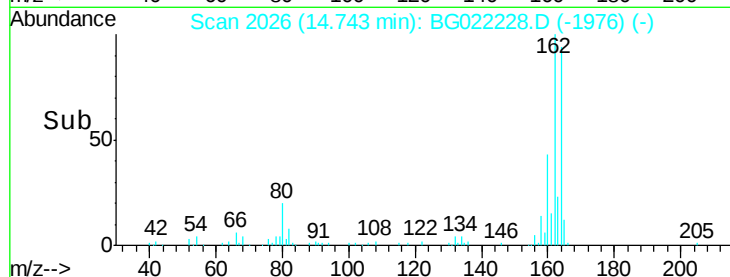
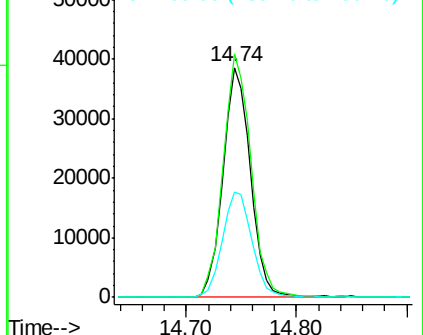
160 45.7 32.9 49.3



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: 156.29 ng

RT: 16.24 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022228.D

Acq: 8 Jun 2016 8:43

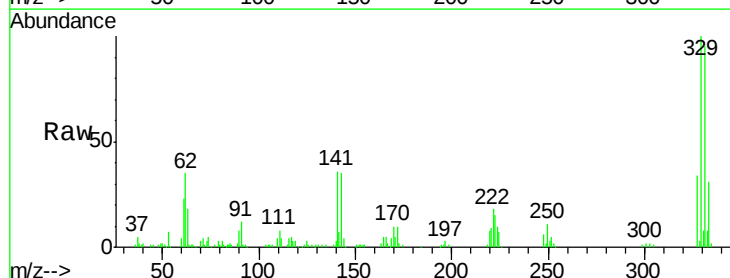
Tgt Ion:330 Resp: 118581

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

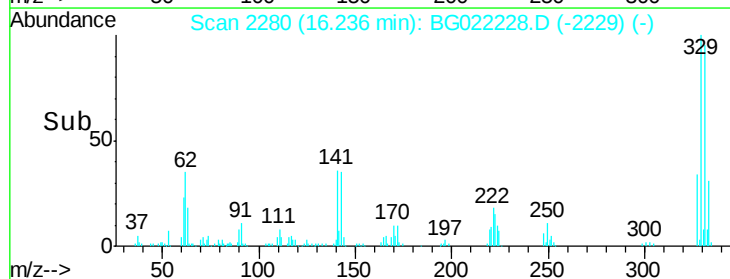
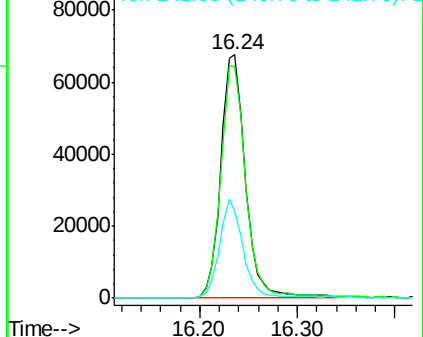
141 38.9 33.8 50.8

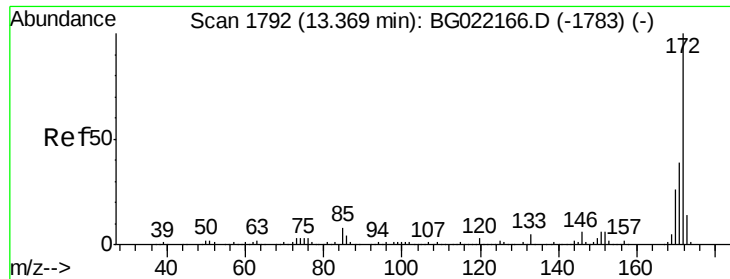


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

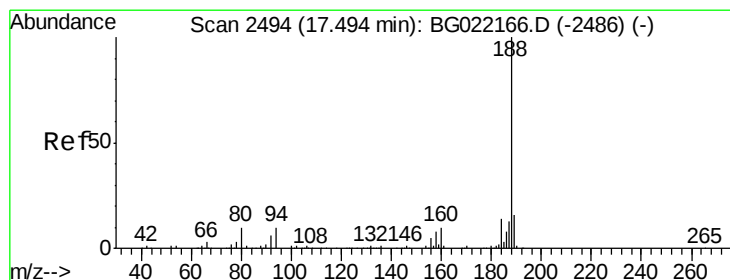
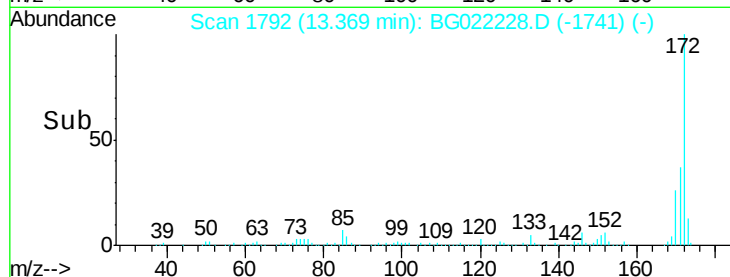
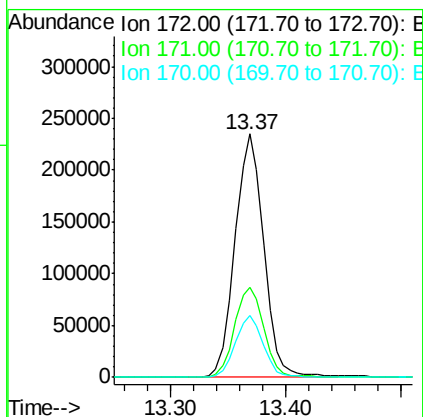
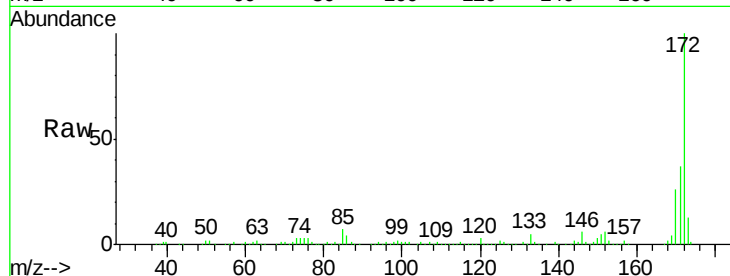




#44
 2-Fluorobiphenyl
 Concen: 91.90 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022228.D
 Acq: 8 Jun 2016 8:43

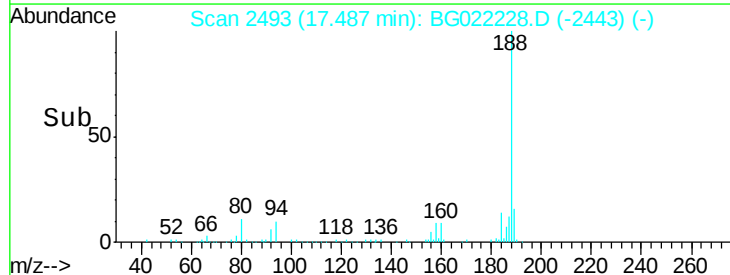
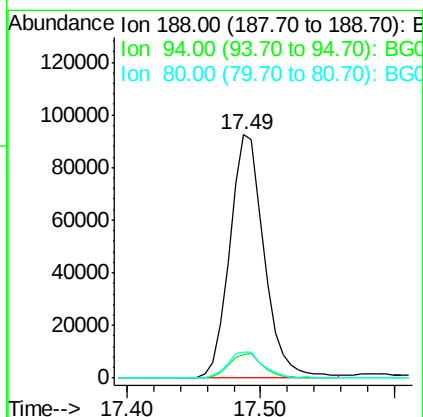
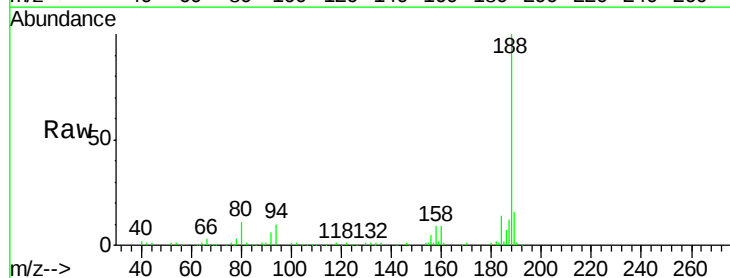
Instrument :
 BNA_G
 ClientSampleId :
 SP16-JMW0882

Tgt Ion:172 Resp: 404938
 Ion Ratio Lower Upper
 172 100
 171 36.9 27.8 41.6
 170 25.6 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BG022228.D
 Acq: 8 Jun 2016 8:43

Tgt Ion:188 Resp: 166179
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.5 11.3
 80 10.8 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022228.D

Acq: 8 Jun 2016 8:43

Instrument :

BNA_G

ClientSampleId :

SP16-JMW0882

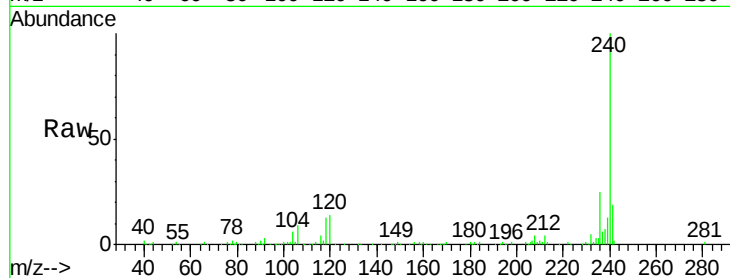
Tgt Ion:240 Resp: 167340

Ion Ratio Lower Upper

240 100

120 13.5 8.4 12.6#

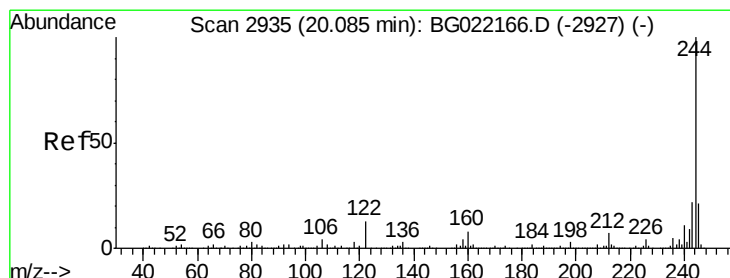
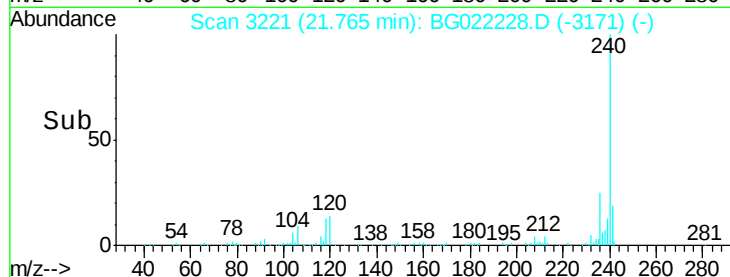
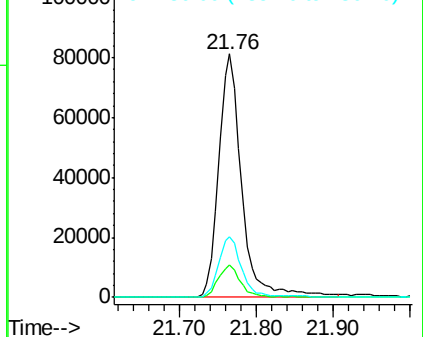
236 24.7 19.6 29.4



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: 101.98 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022228.D

Acq: 8 Jun 2016 8:43

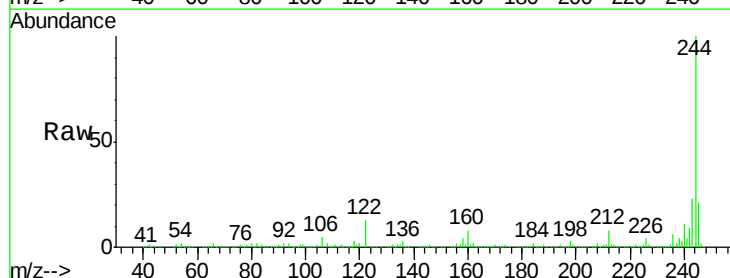
Tgt Ion:244 Resp: 718801

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

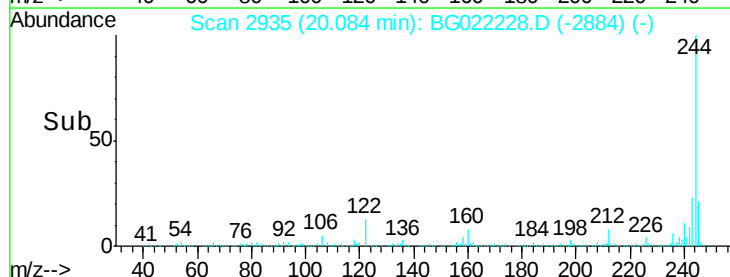
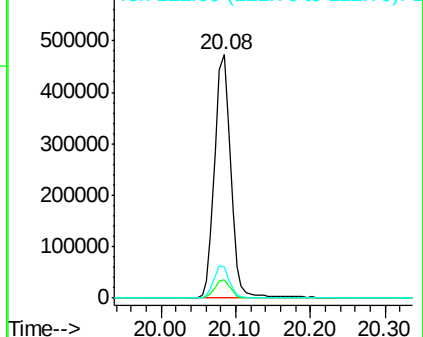
122 12.7 8.6 12.8

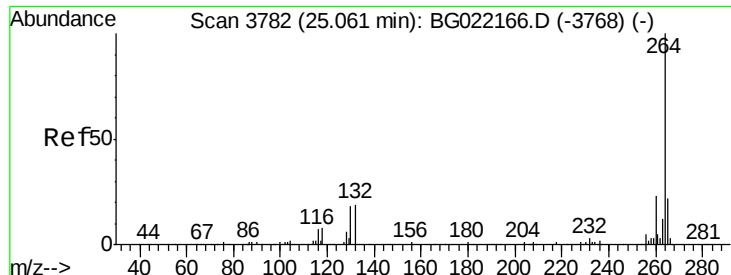


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG022228.D
Acq: 8 Jun 2016 8:43

Instrument :
BNA_G
ClientSampleId :
SP16-JMW0882

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.4
265	20.6	17.8	26.8

