

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022400.D
 Acq On : 17 Jun 2016 23:14
 Operator : UM/SJ
 Sample : H3591-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-2

Quant Time: Jun 18 01:26:55 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

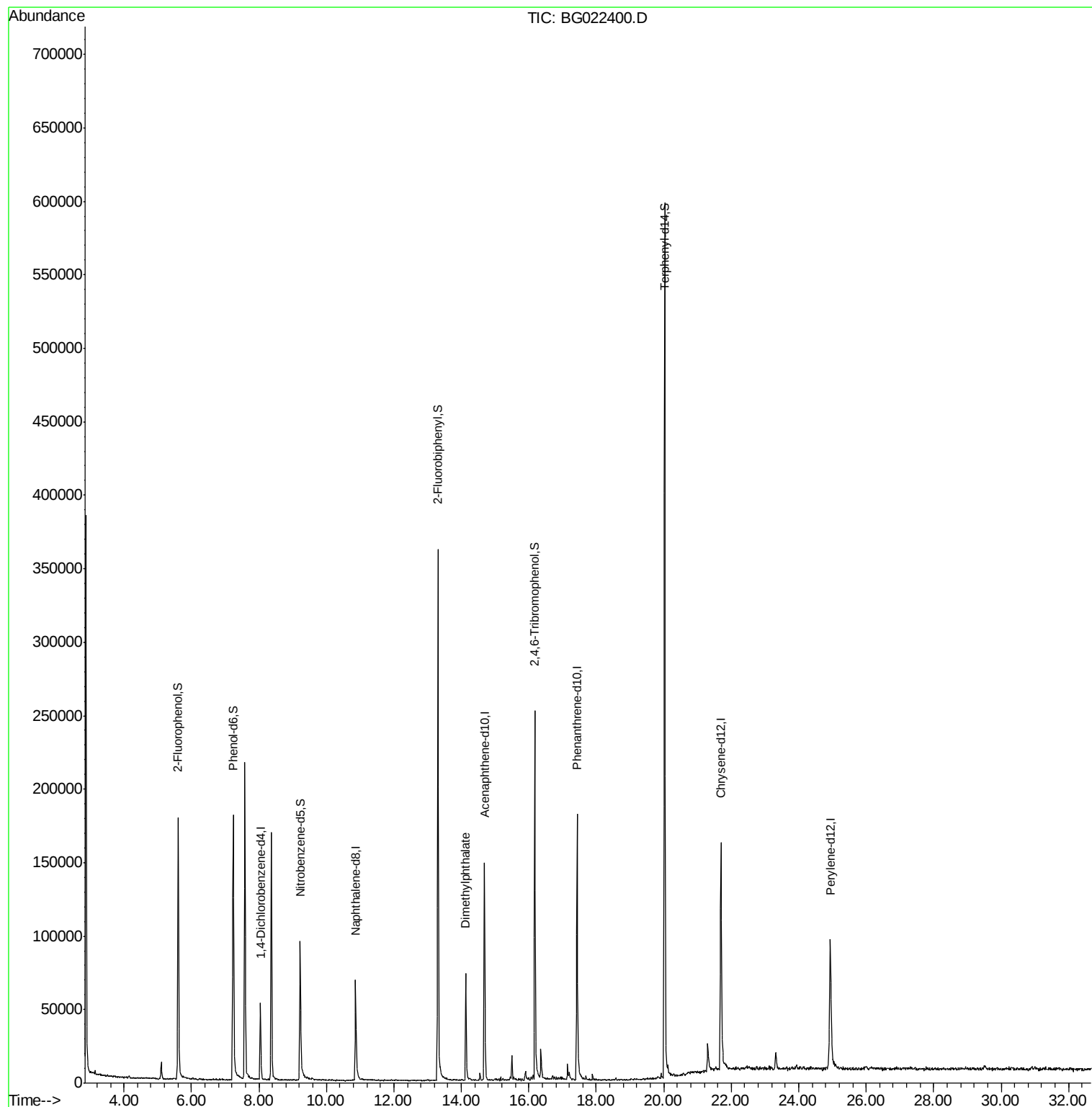
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	20091	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	94566	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	63365	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	138749	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	126556	20.00	ng	-0.04
86) Perylene-d12	24.94	264	113786	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	124196	119.52	ng	-0.03
7) Phenol-d6	7.23	99	178961	109.54	ng	-0.02
23) Nitrobenzene-d5	9.22	82	92935	68.52	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	59425	83.00	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	235122	56.55	ng	-0.04
78) Terphenyl-d14	20.03	244	318135	59.68	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.13	163	71242	13.56	ng	Qvalue 98

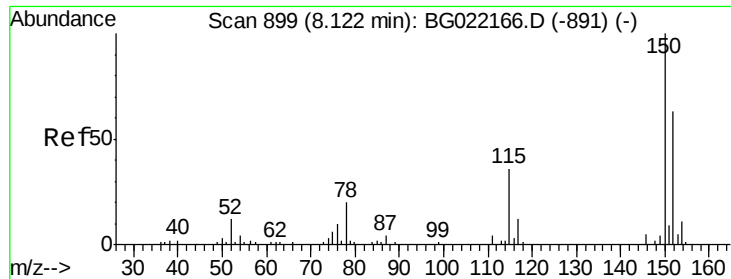
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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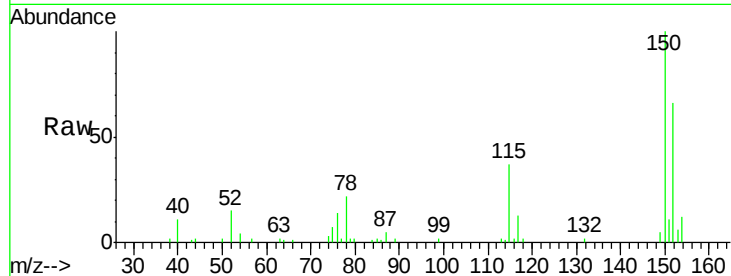


#1

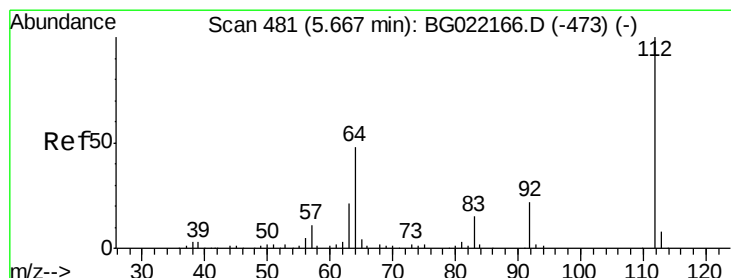
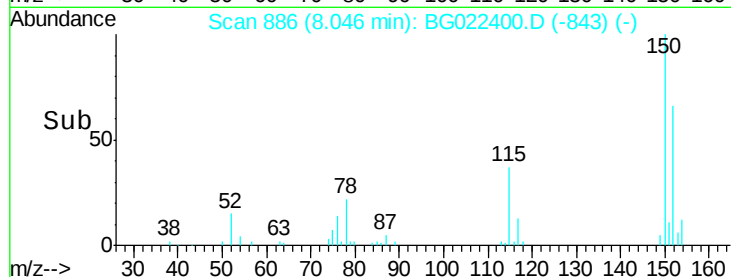
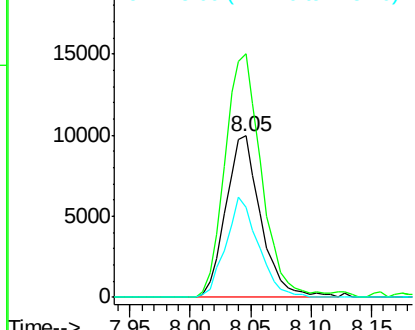
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 886
Delta R.T. -0.04 min
Lab File: BG022400.D
Acq: 17 Jun 2016 23:14

Instrument :
BNA_G
ClientSampleId :
W-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	130.1	195.1
115	55.5	62.2	93.2#



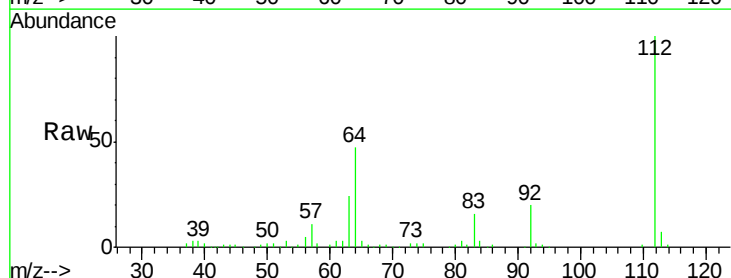
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



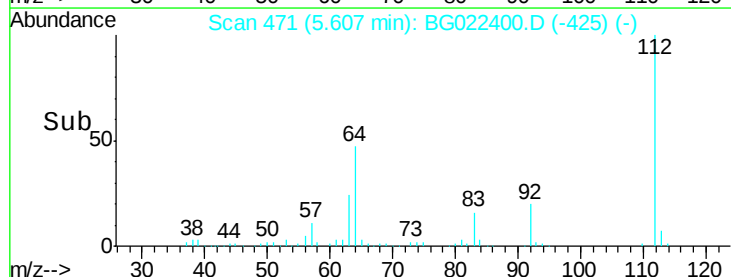
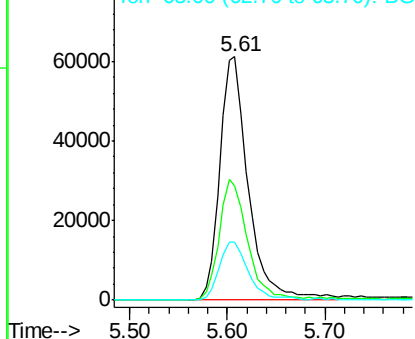
#5

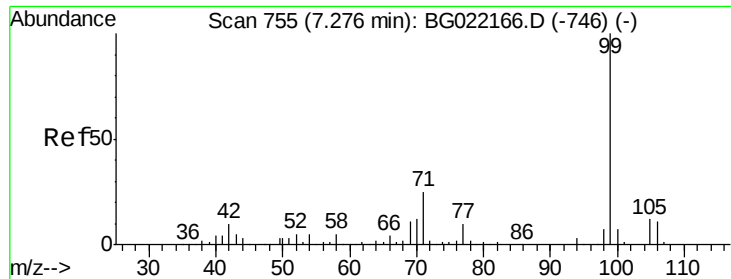
2-Fluorophenol
Concen: 119.52 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.03 min
Lab File: BG022400.D
Acq: 17 Jun 2016 23:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.0	51.1	76.7#
63	24.0	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: 109.54 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022400.D

Acq: 17 Jun 2016 23:14

Instrument :

BNA_G

ClientSampled :

W-2

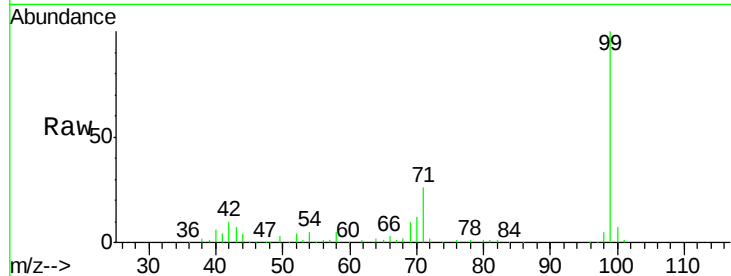
Tot Ion: 99 Resp: 178961

Ion Ratio Lower Upper

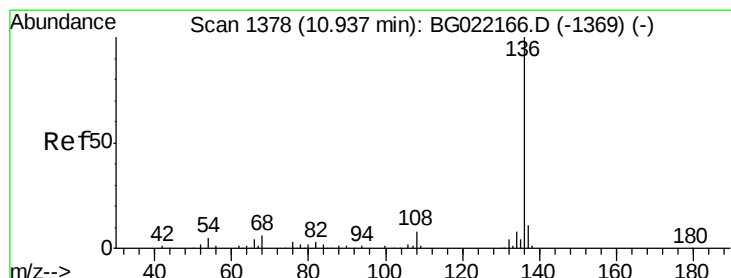
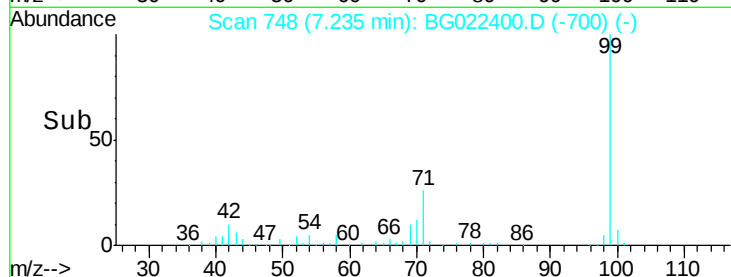
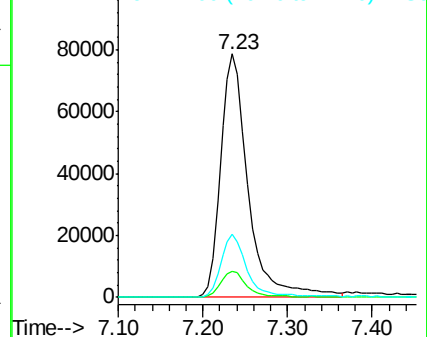
99 100

42 10.5 16.4 24.6#

71 26.2 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: 10.87 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022400.D

Acq: 17 Jun 2016 23:14

Tgt Ion: 136 Resp: 94566

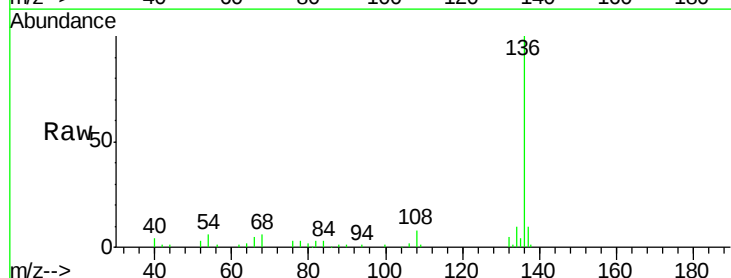
Ion Ratio Lower Upper

136 100

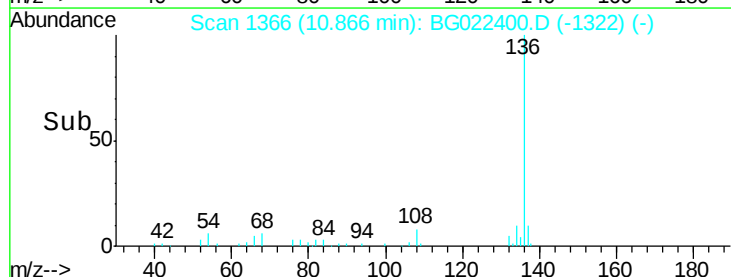
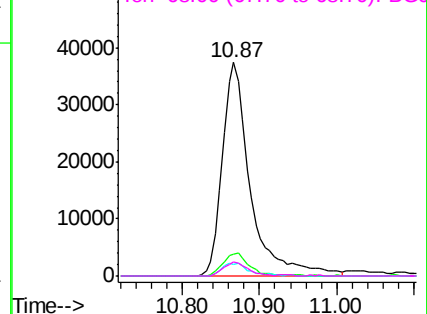
137 10.1 9.0 13.4

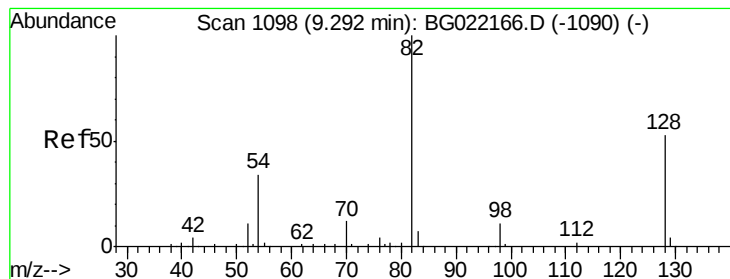
54 5.6 9.6 14.4#

68 6.4 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: 68.52 ng

RT: 9.22 min Scan# 1086

Delta R.T. -0.04 min

Lab File: BG022400.D

Acq: 17 Jun 2016 23:14

Instrument :

BNA_G

ClientSampled :

W-2

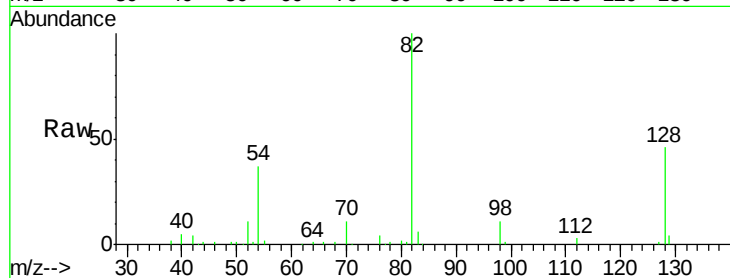
Tot Ion: 82 Resp: 92935

Ion Ratio Lower Upper

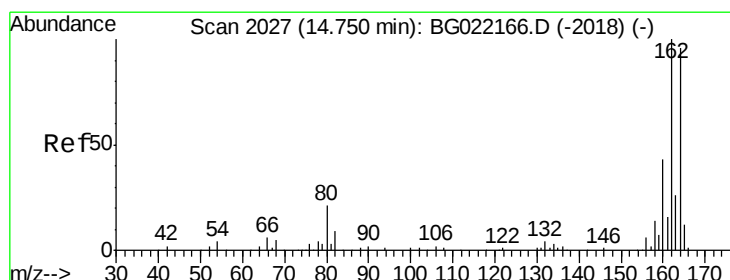
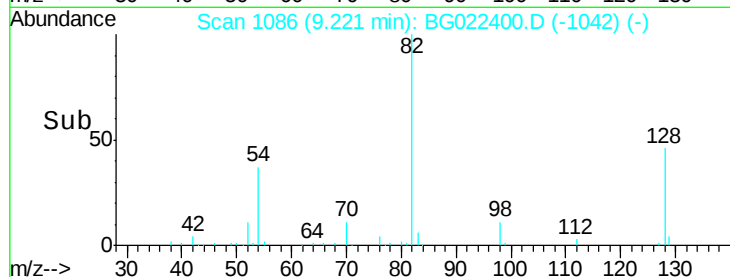
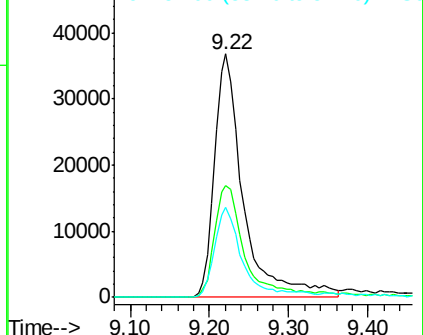
82 100

128 45.8 33.4 50.0

54 36.9 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: BG022400.D

Acq: 17 Jun 2016 23:14

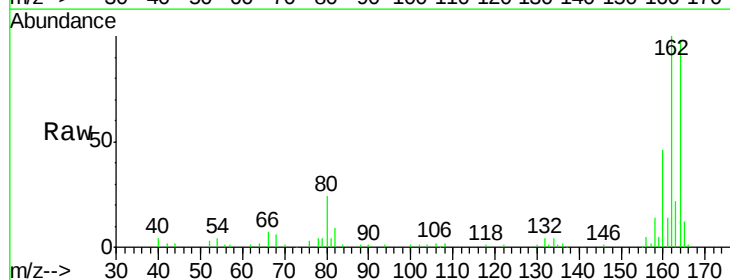
Tgt Ion:164 Resp: 63365

Ion Ratio Lower Upper

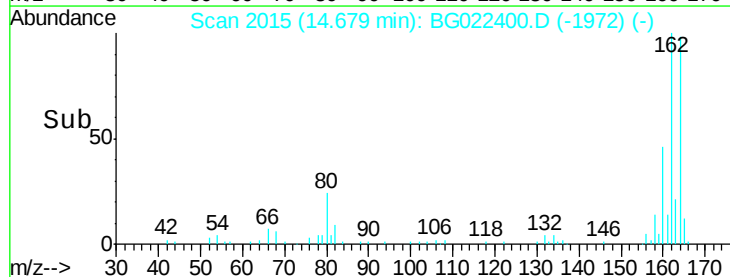
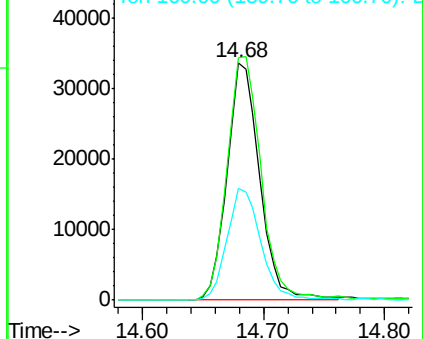
164 100

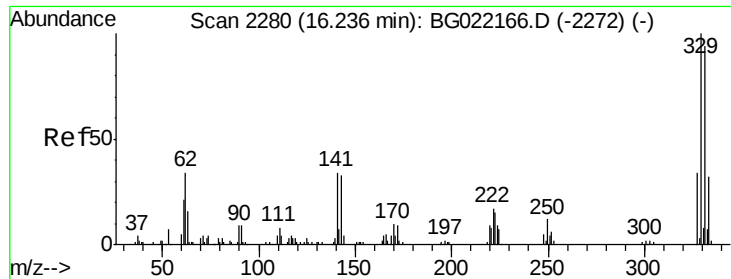
162 102.1 78.0 117.0

160 47.3 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

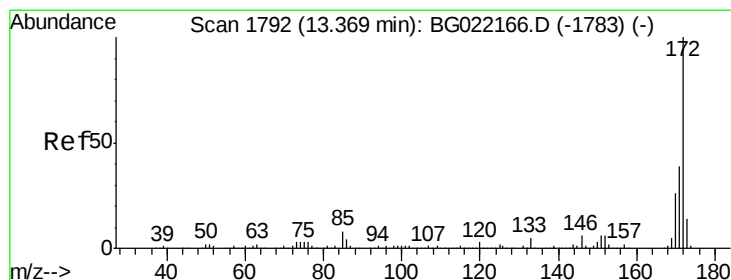
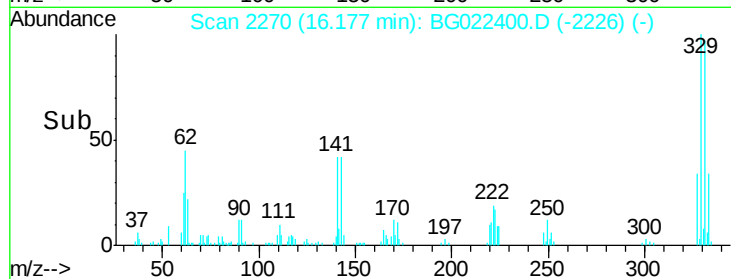
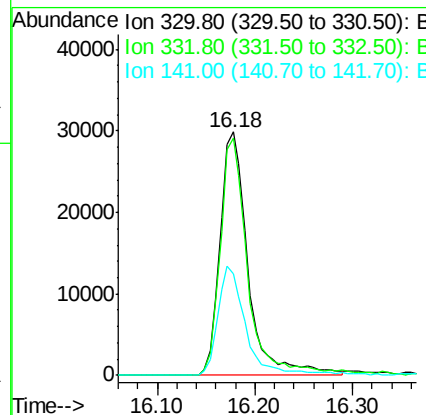
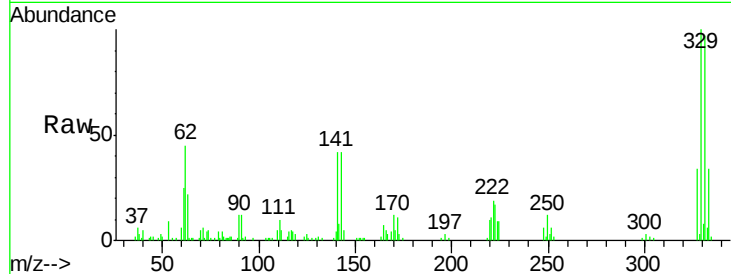




#41
 2,4,6-Tribromophenol
 Concen: 83.00 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022400.D
 Acq: 17 Jun 2016 23:14

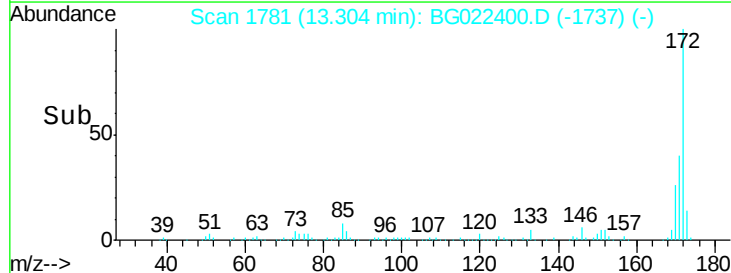
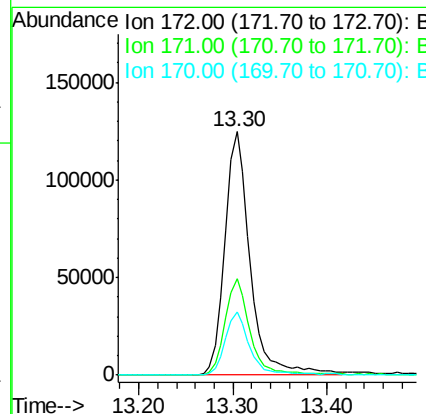
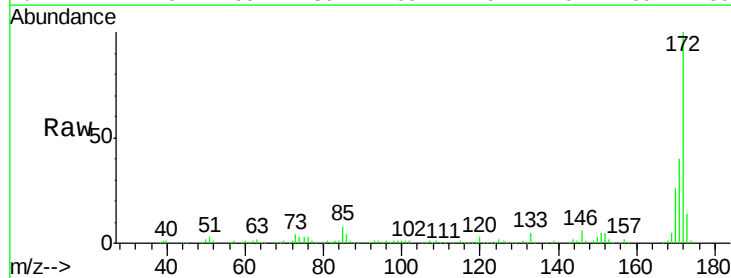
Instrument :
 BNA_G
 ClientSampleId :
 W-2

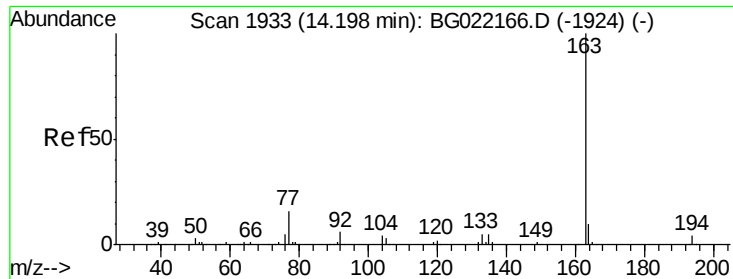
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	45.5	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 56.55 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022400.D
 Acq: 17 Jun 2016 23:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	27.8	41.6
170	25.8	19.6	29.4





#49

Dimethylphthalate

Concen: 13.56 ng

RT: 14.13 min Scan# 1922

Delta R.T. -0.04 min

Lab File: BG022400.D

Acq: 17 Jun 2016 23:14

Instrument :

BNA_G

ClientSampled :

W-2

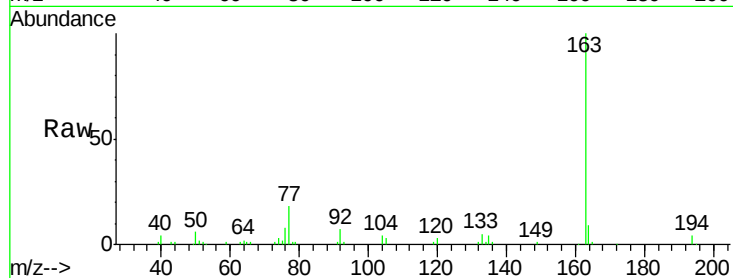
Tot Ion:163 Resp: 71242

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

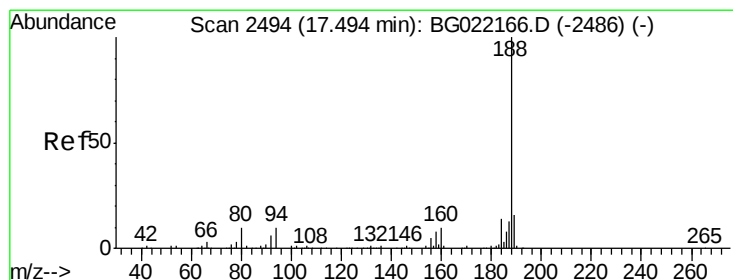
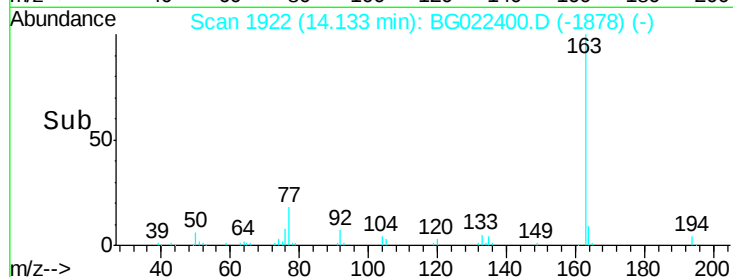
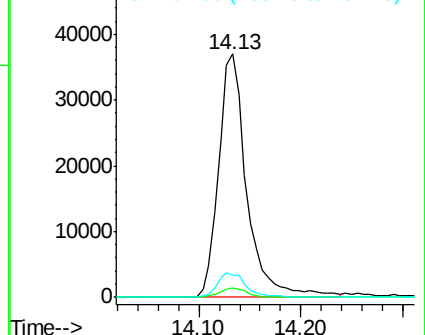
164 9.2 8.1 12.1



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: BG022400.D

Acq: 17 Jun 2016 23:14

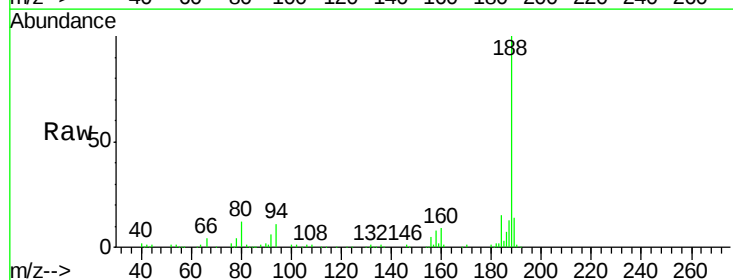
Tgt Ion:188 Resp: 138749

Ion Ratio Lower Upper

188 100

94 11.1 7.5 11.3

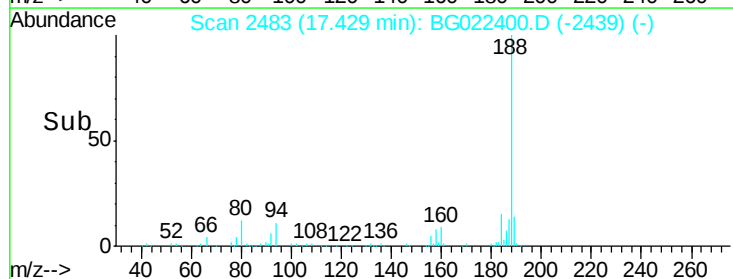
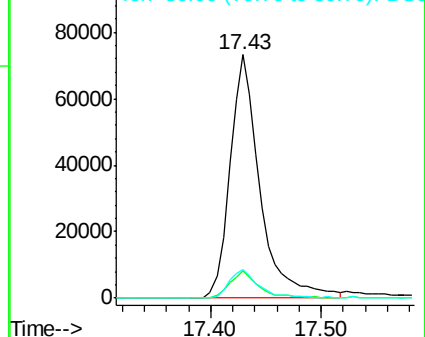
80 11.9 8.6 13.0

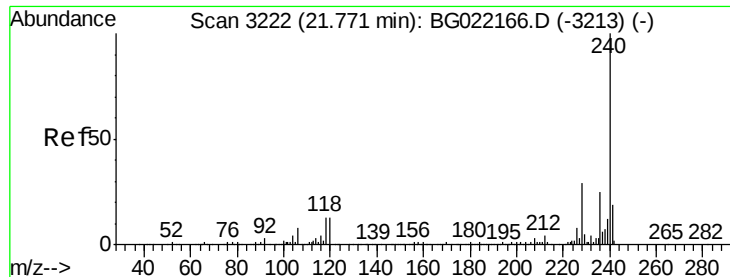


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3209

Delta R.T. -0.04 min

Lab File: BG022400.D

Acq: 17 Jun 2016 23:14

Instrument :

BNA_G

ClientSampleId :

W-2

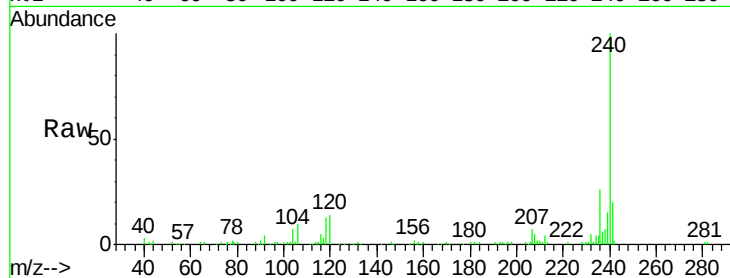
Tot Ion:240 Resp: 126556

Ion Ratio Lower Upper

240 100

120 13.7 8.4 12.6#

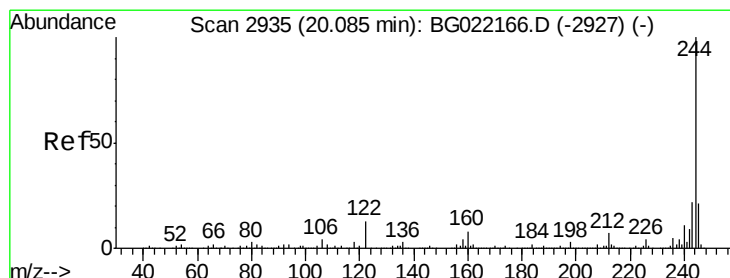
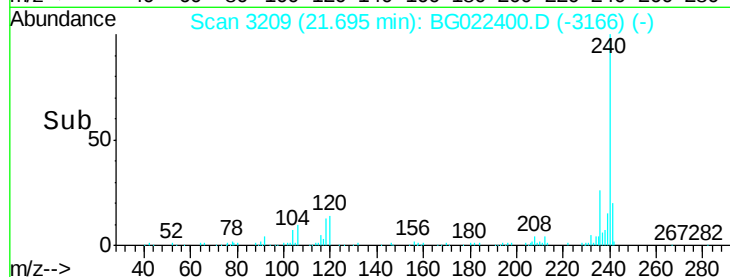
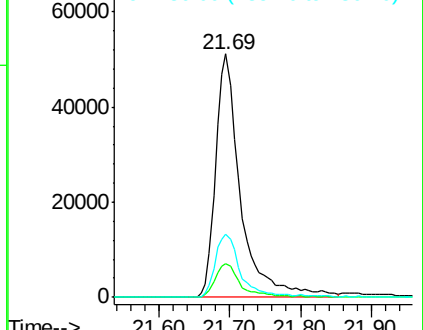
236 25.7 19.6 29.4



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: 59.68 ng

RT: 20.03 min Scan# 2925

Delta R.T. -0.03 min

Lab File: BG022400.D

Acq: 17 Jun 2016 23:14

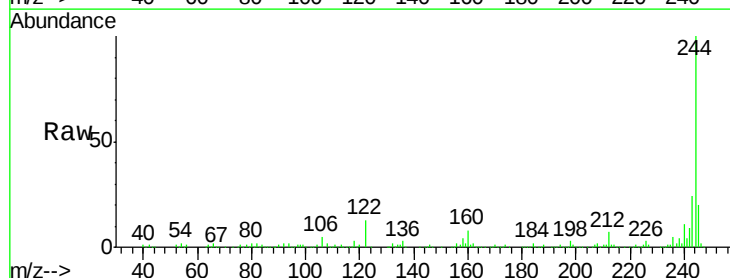
Tgt Ion:244 Resp: 318135

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

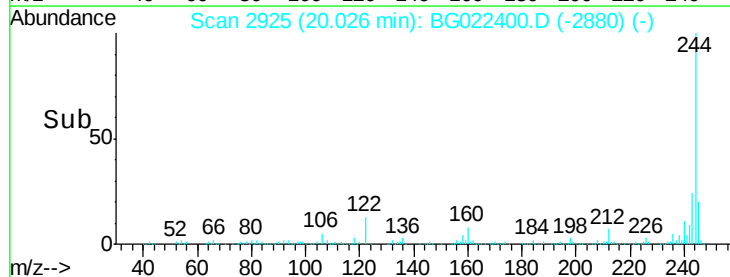
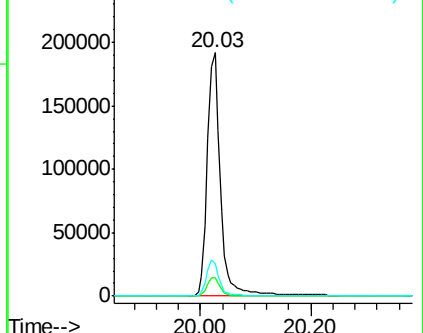
122 13.2 8.6 12.8#

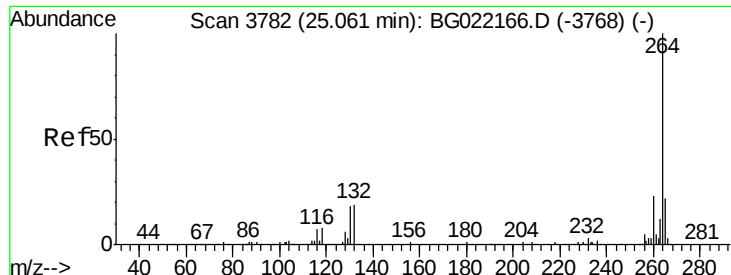


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

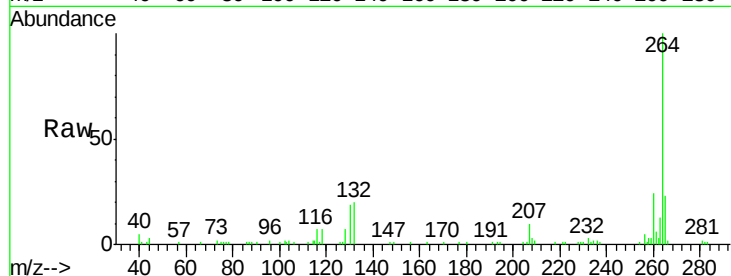




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.94 min Scan# 3762
 Delta R.T. -0.07 min
 Lab File: BG022400.D
 Acq: 17 Jun 2016 23:14

Instrument :
 BNA_G
 ClientSampleId :
 W-2

Tot Ion:	264	Resp:	113786
Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.4
265	23.0	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

