

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022512.D
 Acq On : 23 Jun 2016 9:49
 Operator : UM/SJ
 Sample : H3623-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1466(0-4)

Quant Time: Jun 23 13:40:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	23370	20.00	ng	-0.03
21) Naphthalene-d8	10.79	136	132101	20.00	ng	-0.02
38) Acenaphthene-d10	14.62	164	93651	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	199901	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	124461	20.00	ng	-0.02
86) Perylene-d12	24.80	264	110763	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	232686	192.51	ng	-0.03
7) Phenol-d6	7.15	99	331861	174.62	ng	-0.03
23) Nitrobenzene-d5	9.14	82	211384	111.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.11	330	144401	136.46	ng	-0.02
44) 2-Fluorobiphenyl	13.24	172	627065	102.04	ng	-0.01
78) Terphenyl-d14	19.96	244	737674	140.71	ng	-0.01

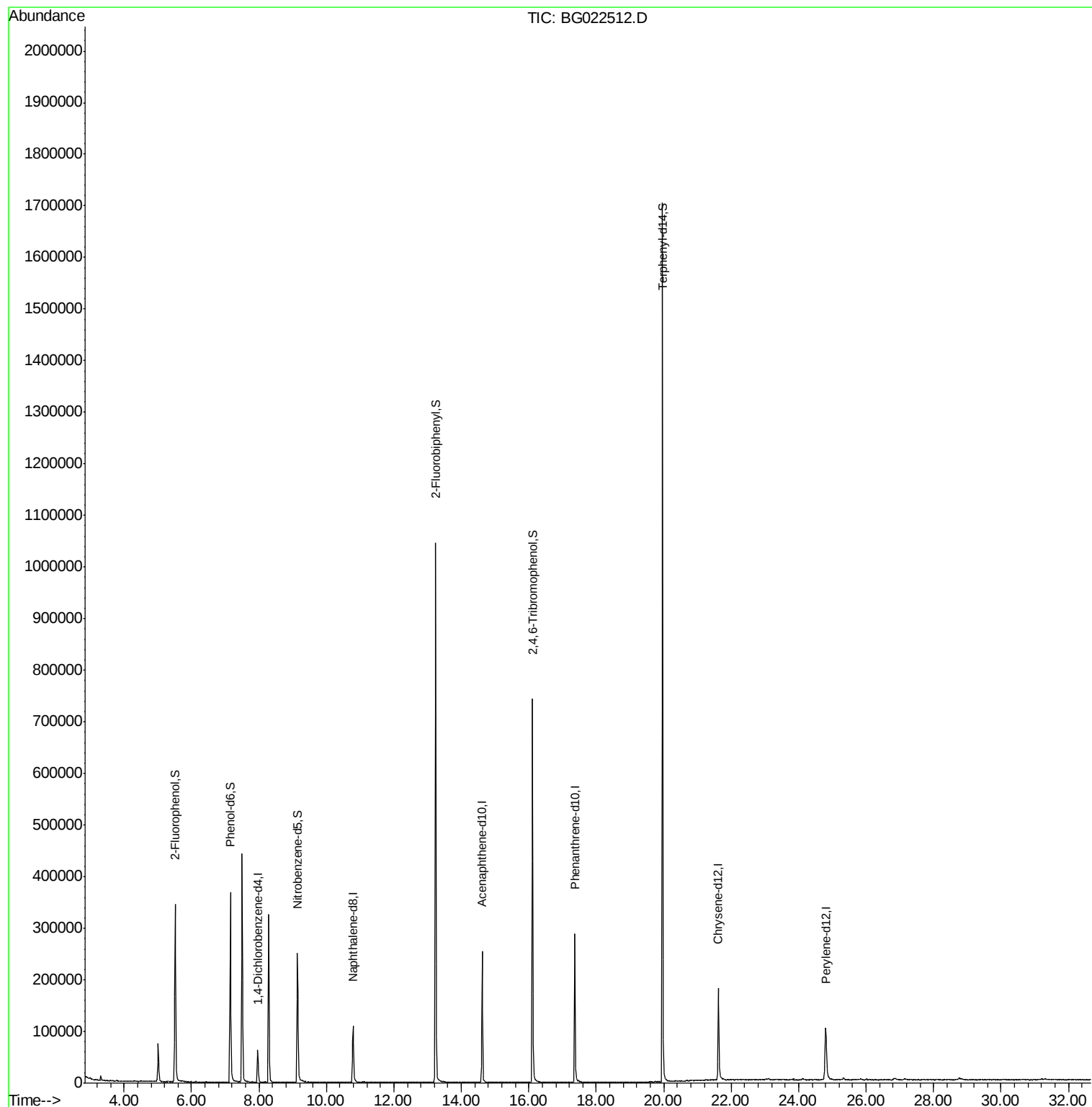
Target Compounds Qvalue

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

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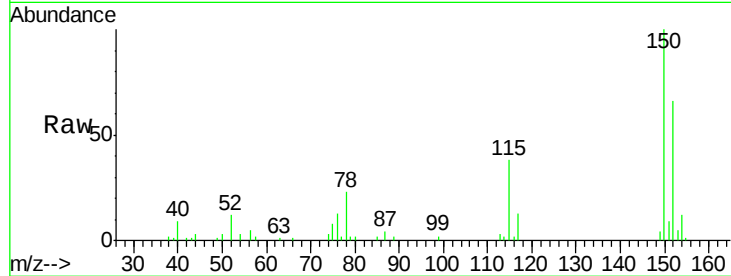


#1

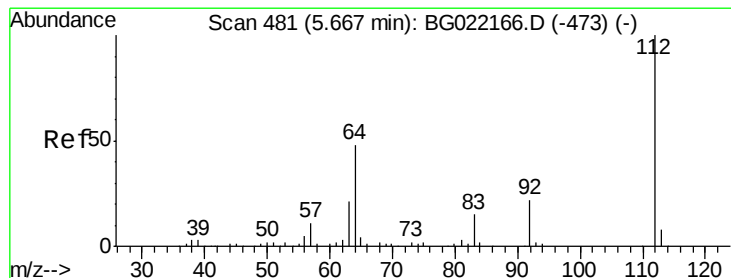
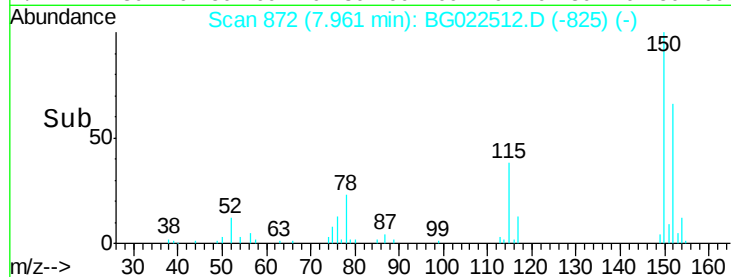
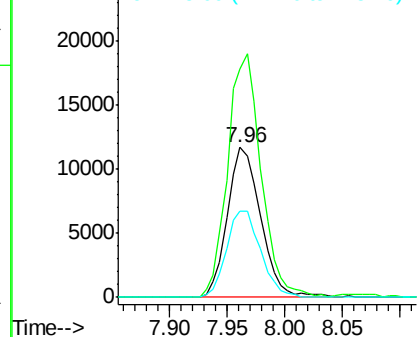
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 872
Delta R.T. -0.03 min
Lab File: BG022512.D
Acq: 23 Jun 2016 9:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1466(0-4)

Tot Ion:152 Resp: 23370
Ion Ratio Lower Upper
152 100
150 152.5 130.1 195.1
115 57.4 62.2 93.2#



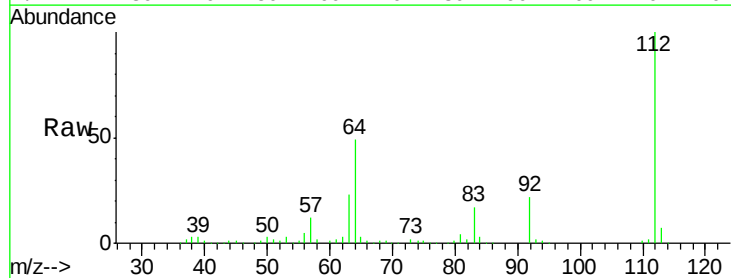
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



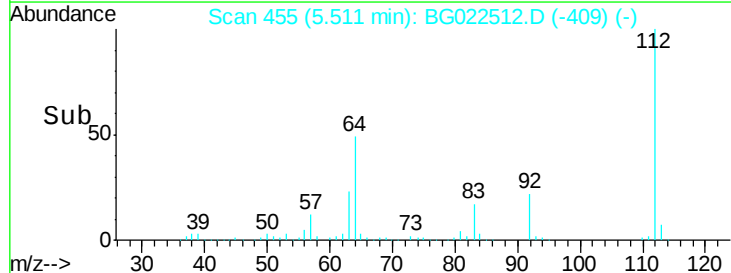
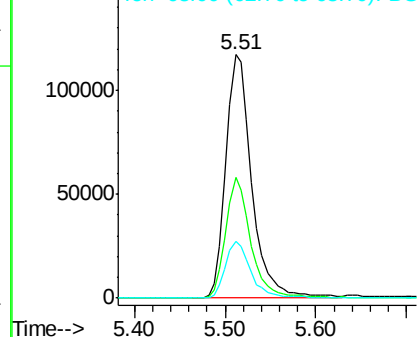
#5

2-Fluorophenol
Concen: 192.51 ng
RT: 5.51 min Scan# 455
Delta R.T. -0.03 min
Lab File: BG022512.D
Acq: 23 Jun 2016 9:49

Tgt Ion:112 Resp: 232686
Ion Ratio Lower Upper
112 100
64 49.5 51.1 76.7#
63 23.4 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: 174.62 ng

RT: 7.15 min Scan# 734

Delta R.T. -0.03 min

Lab File: BG022512.D

Acq: 23 Jun 2016 9:49

Instrument :

BNA_G

ClientSampleId :

SC-STA-1466(0-4)

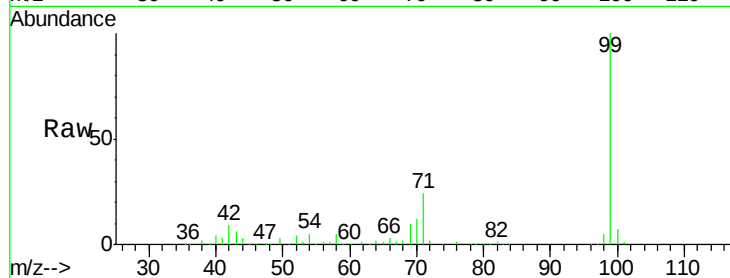
Tot Ion: 99 Resp: 331861

Ion Ratio Lower Upper

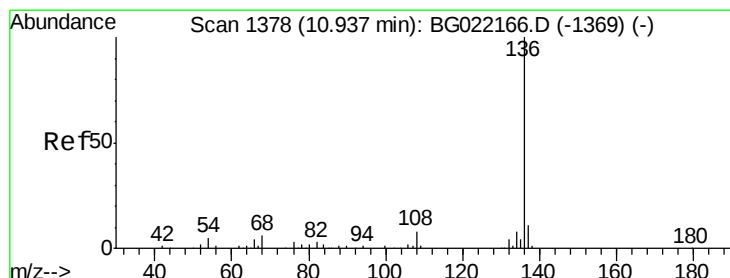
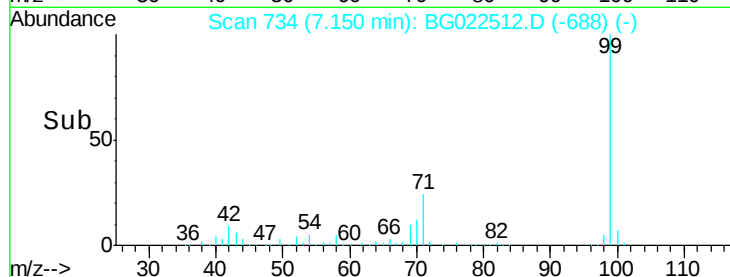
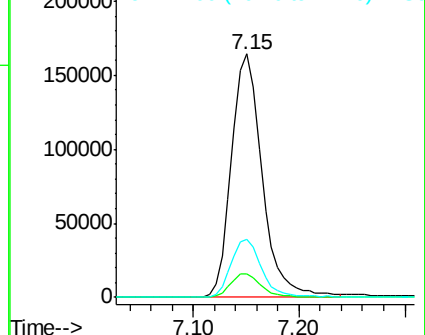
99 100

42 9.4 16.4 24.6#

71 23.8 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: 10.79 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BG022512.D

Acq: 23 Jun 2016 9:49

Tgt Ion: 136 Resp: 132101

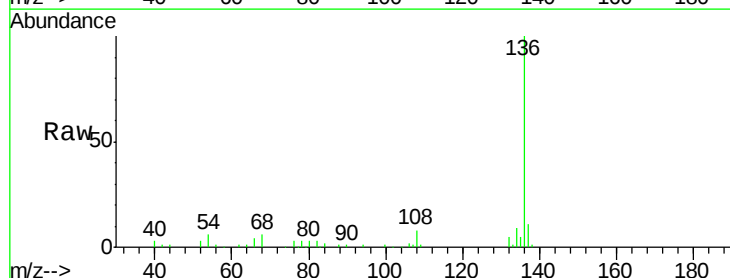
Ion Ratio Lower Upper

136 100

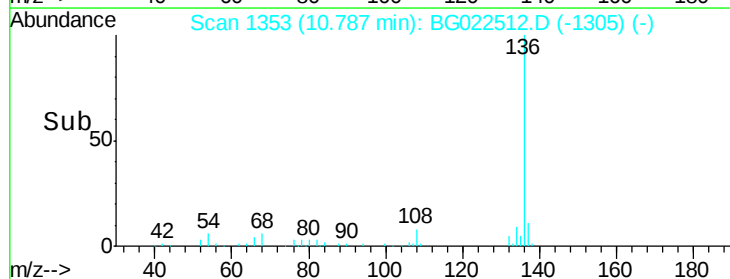
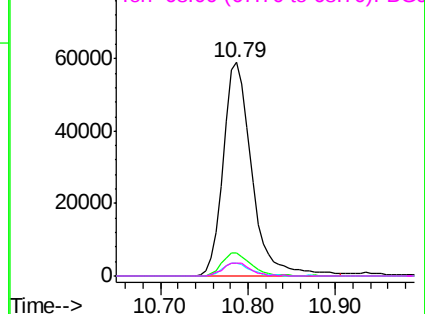
137 11.0 9.0 13.4

54 5.9 9.6 14.4#

68 6.0 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

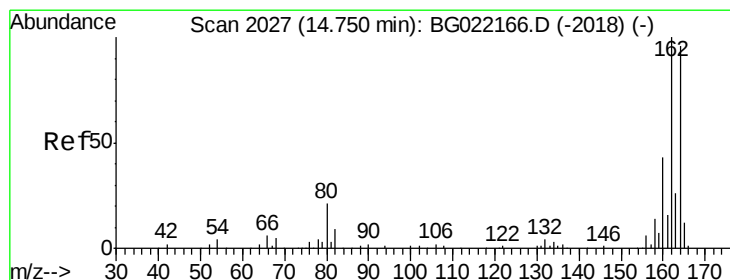
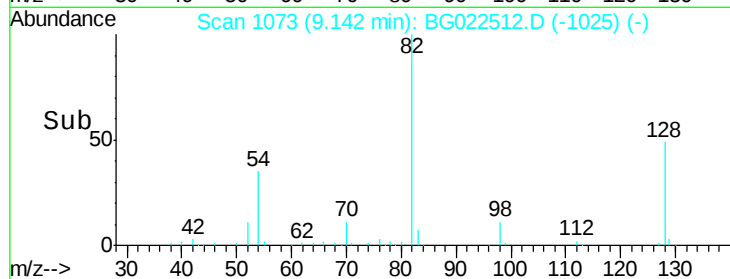
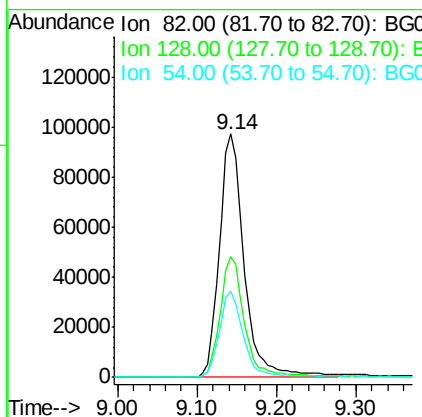
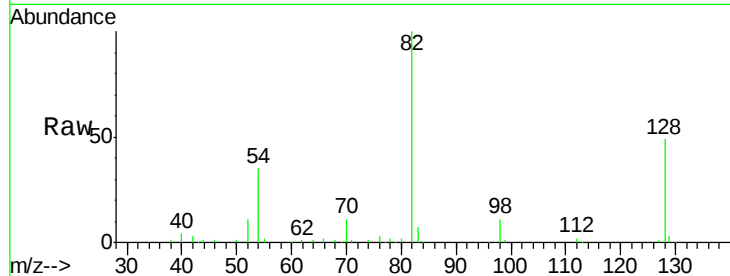




#23
Nitrobenzene-d5
Concen: 111.56 ng
RT: 9.14 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BG022512.D
Acq: 23 Jun 2016 9:49

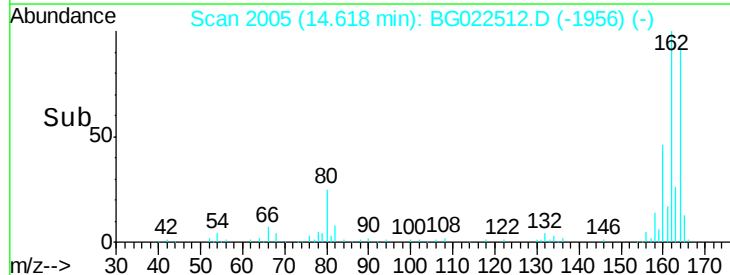
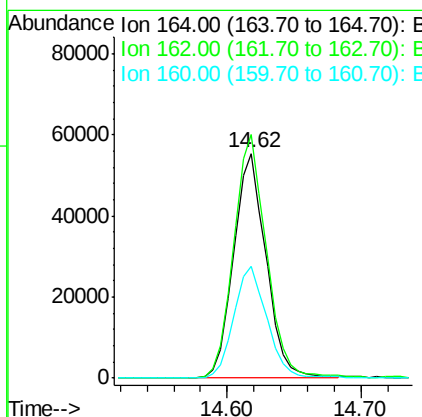
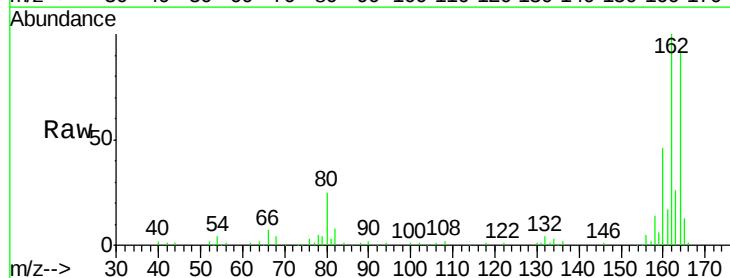
Instrument :
BNA_G
ClientSampleId :
SC-STA-1466(0-4)

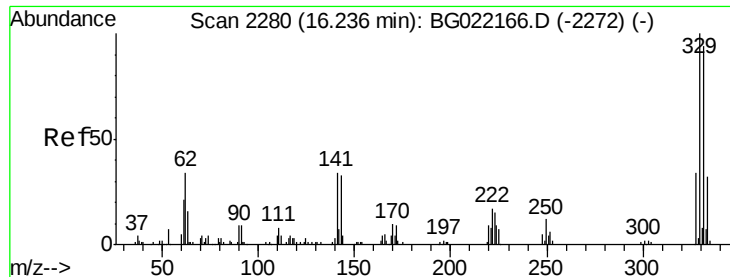
Tot Ion: 82 Resp: 211384
Ion Ratio Lower Upper
82 100
128 49.3 33.4 50.0
54 35.2 46.1 69.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG022512.D
Acq: 23 Jun 2016 9:49

Tgt Ion:164 Resp: 93651
Ion Ratio Lower Upper
164 100
162 108.4 78.0 117.0
160 49.8 32.9 49.3#

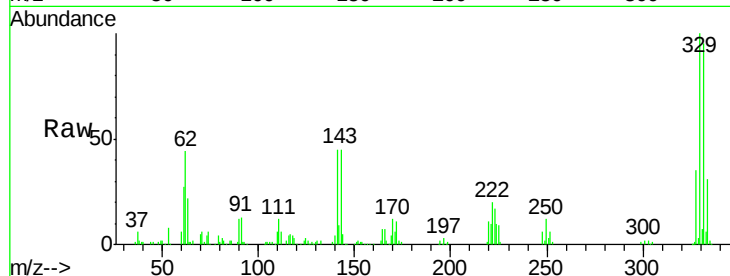




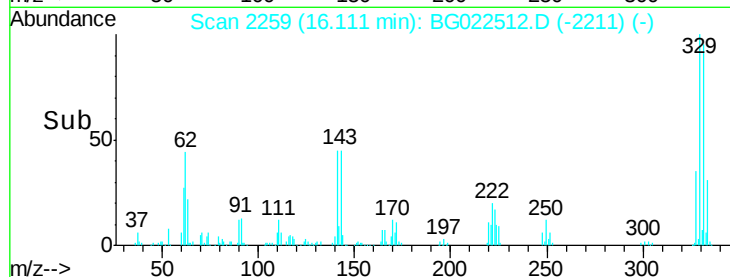
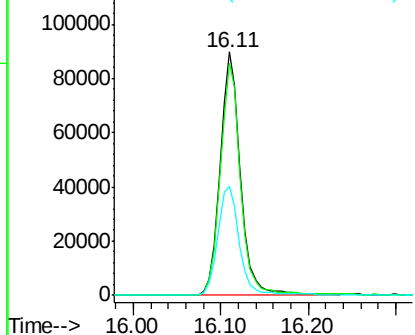
#41
 2,4,6-Tribromophenol
 Concen: 136.46 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BG022512.D
 Acq: 23 Jun 2016 9:49

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1466(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	48.0	33.8	50.8

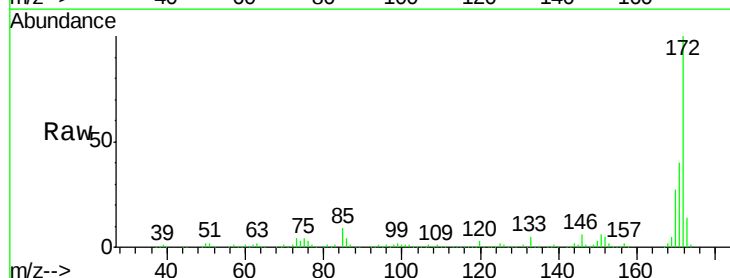


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

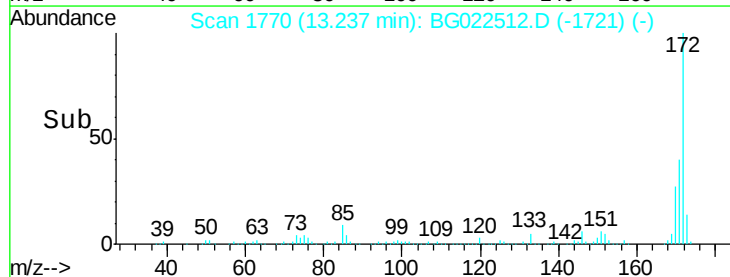
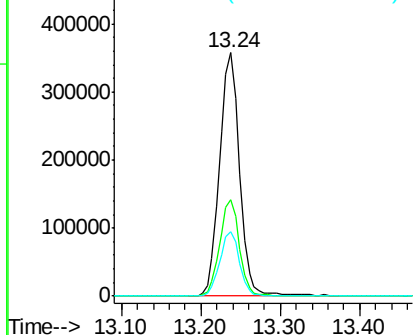


#44
 2-Fluorobiphenyl
 Concen: 102.04 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG022512.D
 Acq: 23 Jun 2016 9:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.36 min Scan# 2472

Delta R.T. -0.02 min

Lab File: BG022512.D

Acq: 23 Jun 2016 9:49

Instrument :

BNA_G

ClientSampleId :

SC-STA-1466(0-4)

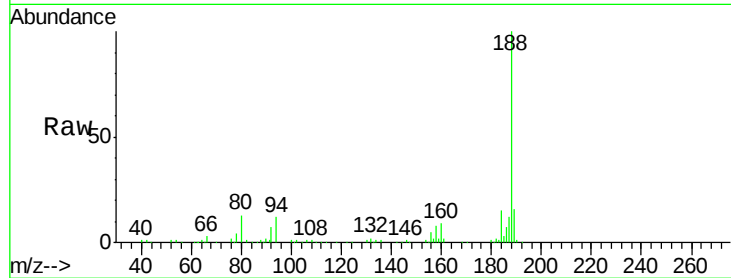
Tot Ion:188 Resp: 199901

Ion Ratio Lower Upper

188 100

94 12.2 7.5 11.3#

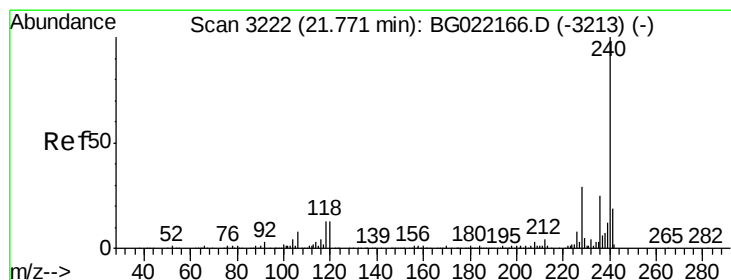
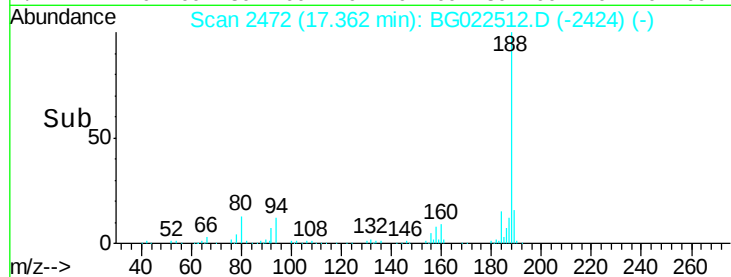
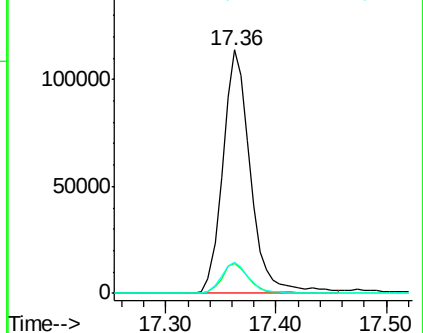
80 12.6 8.6 13.0



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: 21.62 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BG022512.D

Acq: 23 Jun 2016 9:49

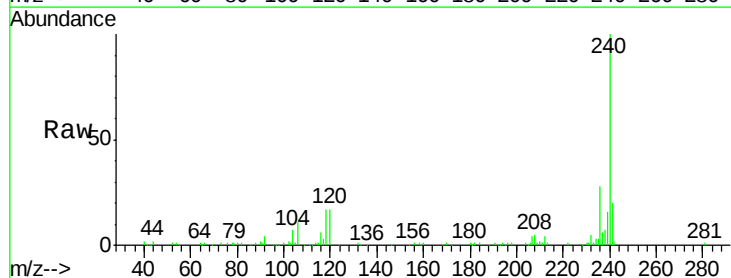
Tgt Ion:240 Resp: 124461

Ion Ratio Lower Upper

240 100

120 17.1 8.4 12.6#

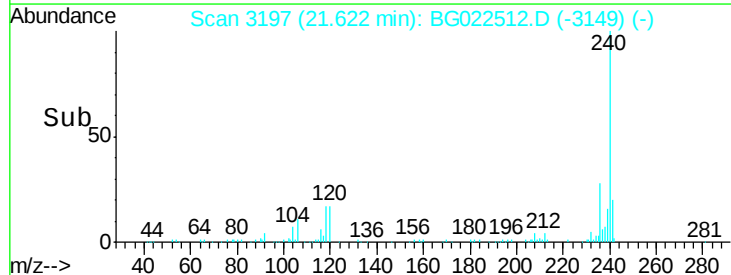
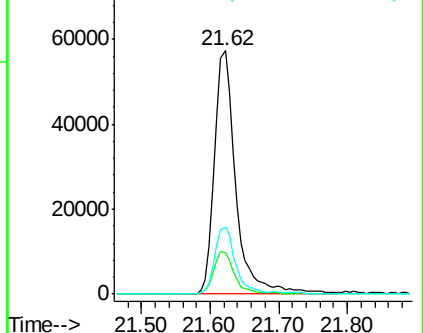
236 27.5 19.6 29.4

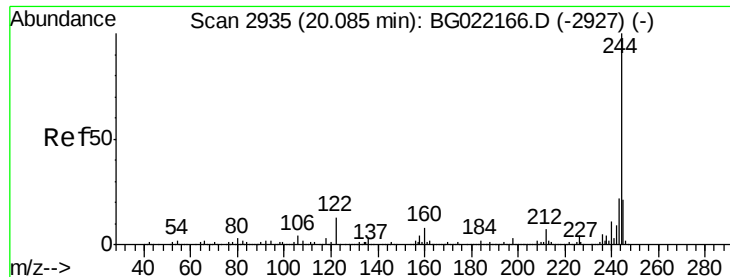


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 140.71 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BG022512.D

Acq: 23 Jun 2016 9:49

Instrument :

BNA_G

ClientSampleId :

SC-STA-1466(0-4)

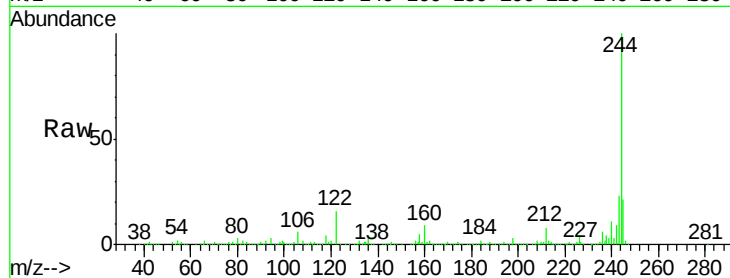
Tot Ion:244 Resp: 737674

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

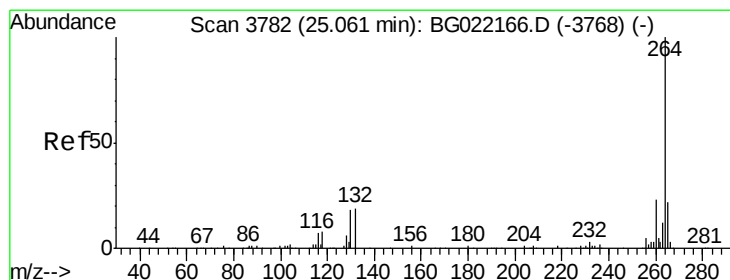
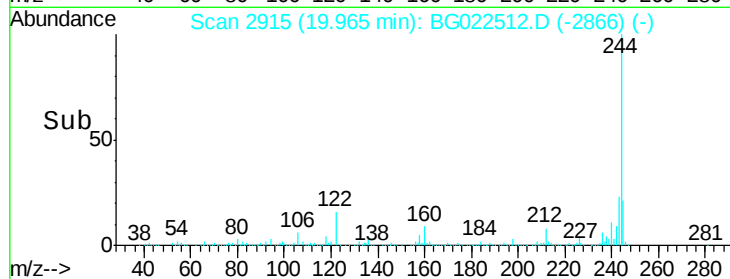
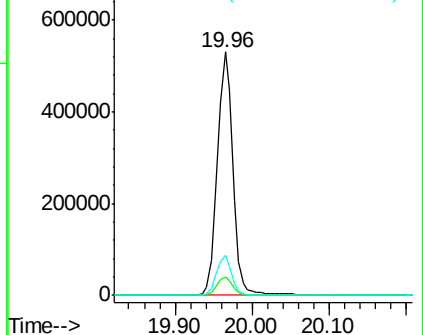
122 16.4 8.6 12.8#



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: 24.80 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BG022512.D

Acq: 23 Jun 2016 9:49

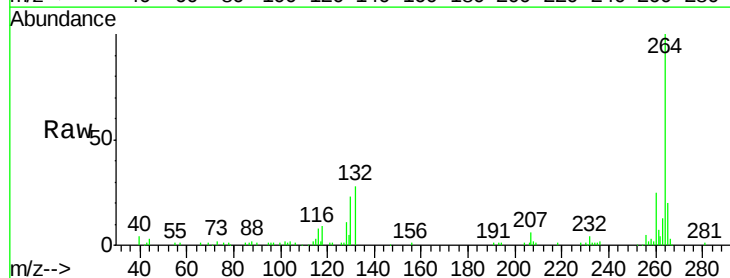
Tgt Ion:264 Resp: 110763

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.4

265 20.1 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

