

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022511.D
 Acq On : 23 Jun 2016 9:09
 Operator : UM/SJ
 Sample : H3623-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1461(0-4)

Quant Time: Jun 23 13:38:20 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	7.97	152	24861	20.00	ng	-0.02
21) Naphthalene-d8	10.79	136	135907	20.00	ng	-0.02
38) Acenaphthene-d10	14.62	164	91908	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	199944	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	125605	20.00	ng	-0.02
86) Perylene-d12	24.80	264	110872	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	240954	187.39	ng	-0.03
7) Phenol-d6	7.15	99	340315	168.33	ng	-0.03
23) Nitrobenzene-d5	9.14	82	211982	108.74	ng	-0.02
41) 2,4,6-Tribromophenol	16.11	330	137687	132.58	ng	-0.02
44) 2-Fluorobiphenyl	13.24	172	609665	101.09	ng	-0.01
78) Terphenyl-d14	19.97	244	720794	136.24	ng	-0.01

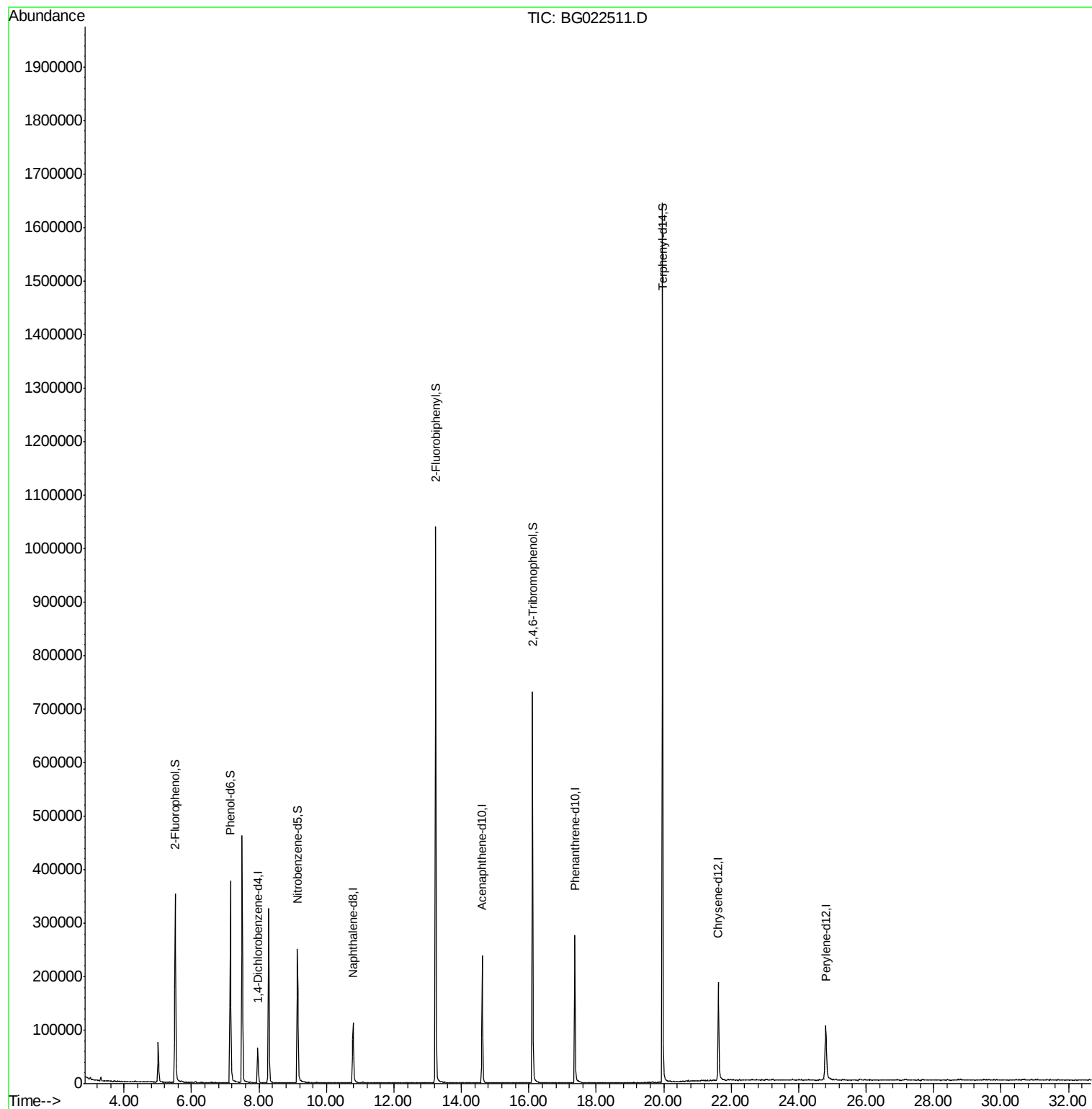
Target Compounds Qvalue

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

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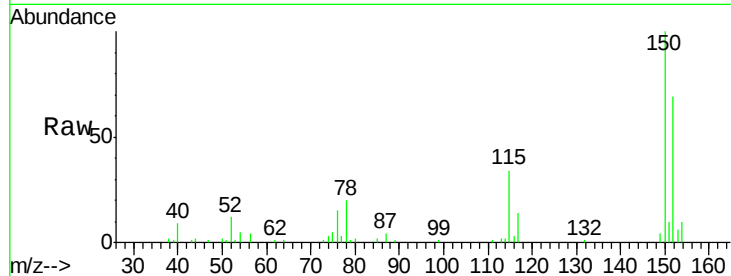


#1

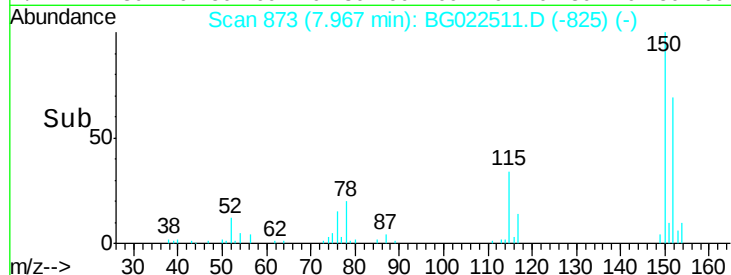
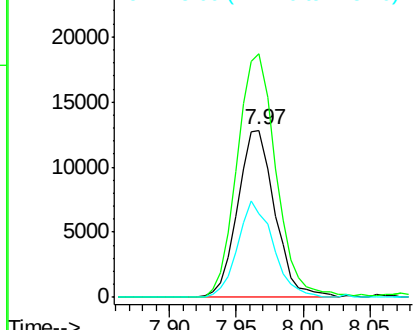
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 873
Delta R.T. -0.02 min
Lab File: BG022511.D
Acq: 23 Jun 2016 9:09

Instrument :
BNA_G
ClientSampleId :
SC-STA-1461(0-4)

Tot Ion:152 Resp: 24861
Ion Ratio Lower Upper
152 100
150 145.7 130.1 195.1
115 49.9 62.2 93.2#



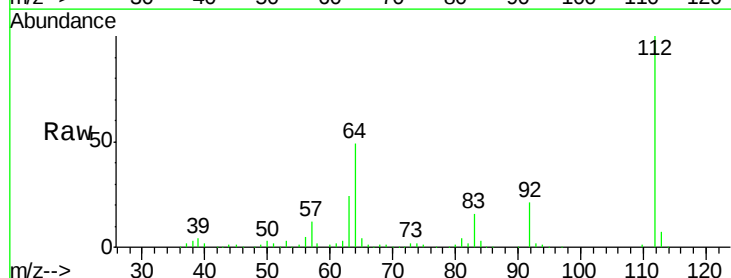
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



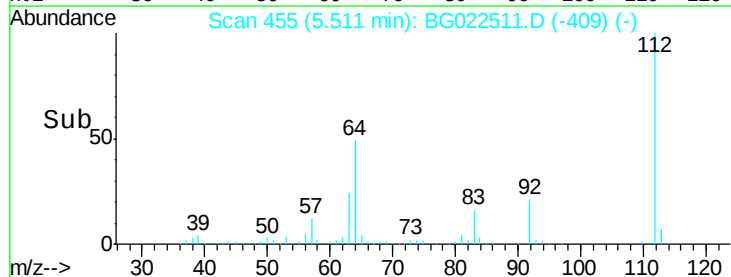
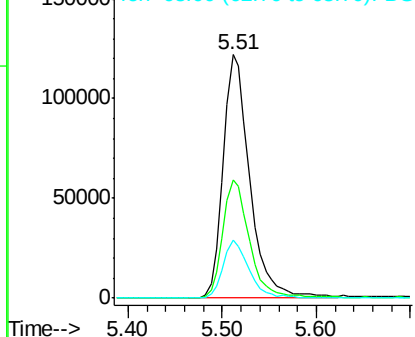
#5

2-Fluorophenol
Concen: 187.39 ng
RT: 5.51 min Scan# 455
Delta R.T. -0.03 min
Lab File: BG022511.D
Acq: 23 Jun 2016 9:09

Tgt Ion:112 Resp: 240954
Ion Ratio Lower Upper
112 100
64 48.8 51.1 76.7#
63 23.7 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: 168.33 ng

RT: 7.15 min Scan# 734

Delta R.T. -0.03 min

Lab File: BG022511.D

Acq: 23 Jun 2016 9:09

Instrument :

BNA_G

ClientSampleId :

SC-STA-1461(0-4)

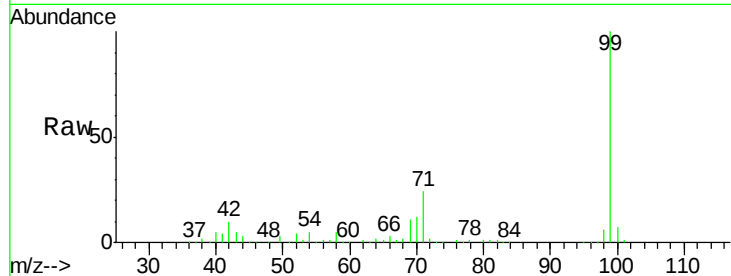
Tot Ion: 99 Resp: 340315

Ion Ratio Lower Upper

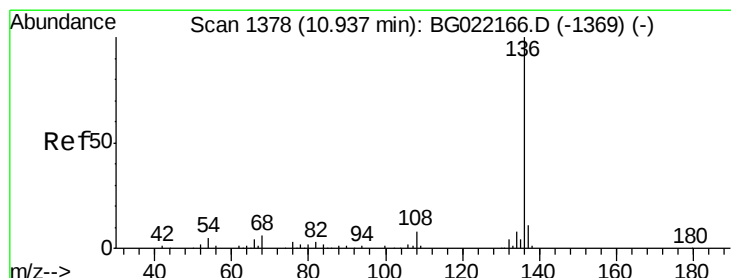
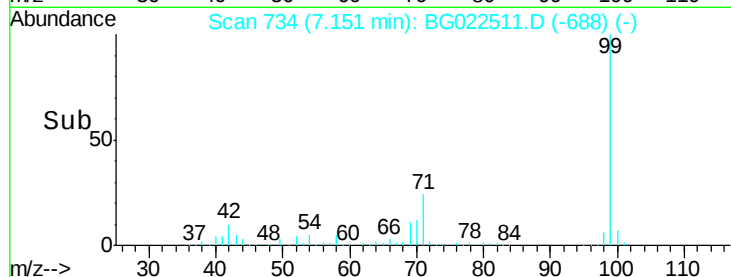
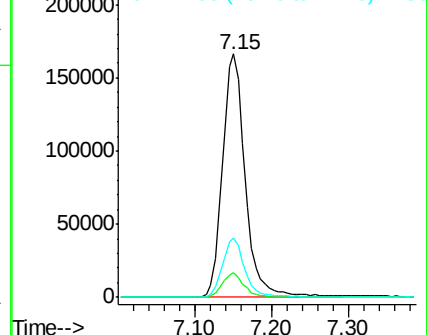
99 100

42 10.0 16.4 24.6#

71 24.3 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: 10.79 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BG022511.D

Acq: 23 Jun 2016 9:09

Tgt Ion: 136 Resp: 135907

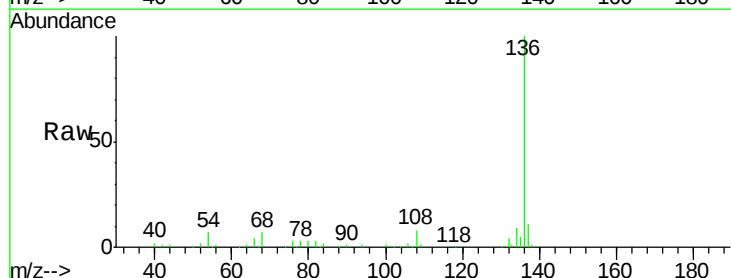
Ion Ratio Lower Upper

136 100

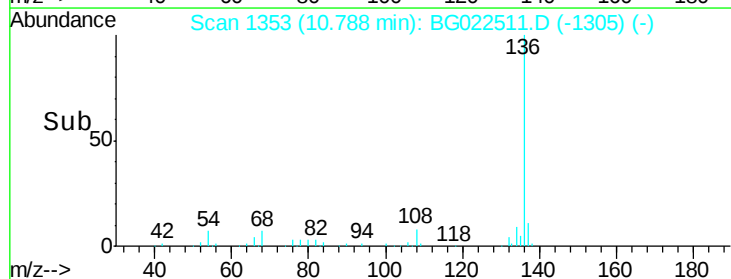
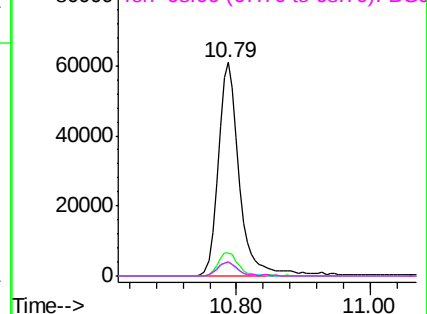
137 10.8 9.0 13.4

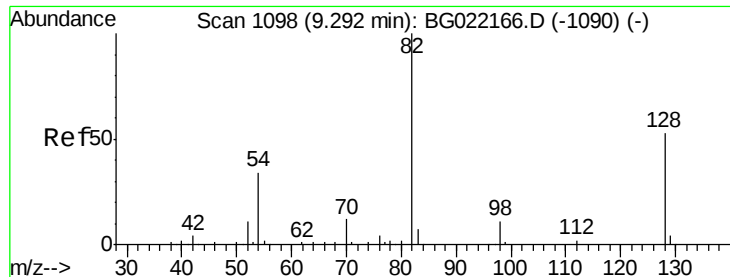
54 6.7 9.6 14.4#

68 6.8 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

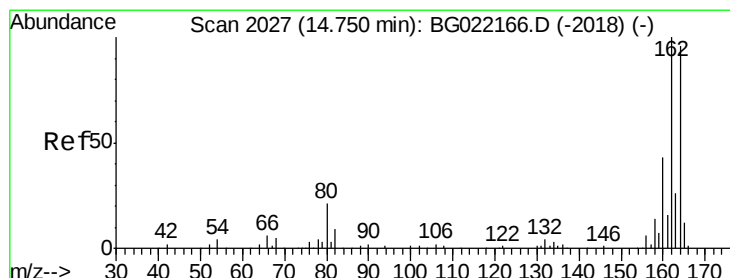
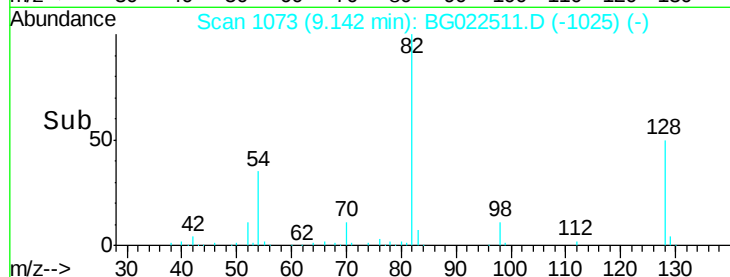
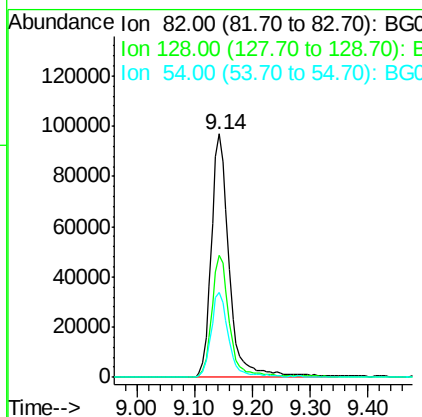
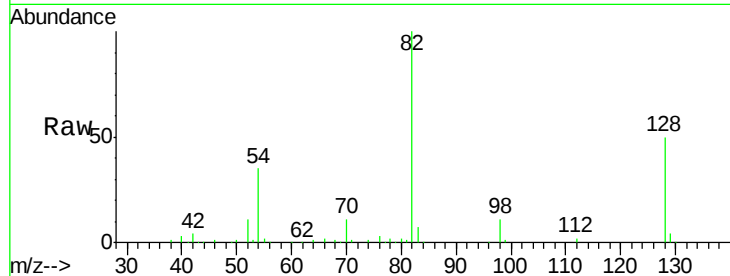




#23
 Nitrobenzene-d5
 Concen: 108.74 ng
 RT: 9.14 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BG022511.D
 Acq: 23 Jun 2016 9:09

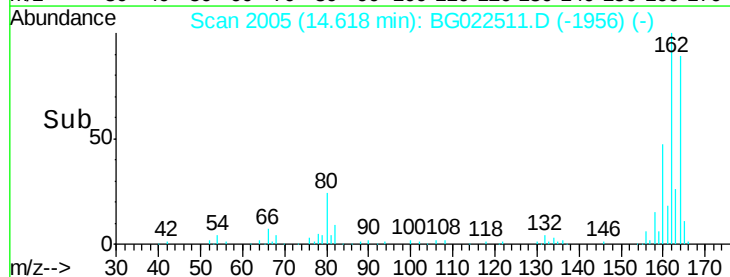
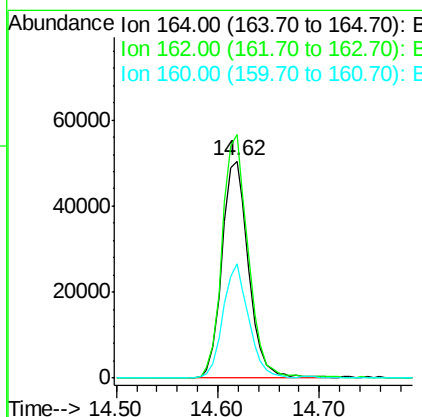
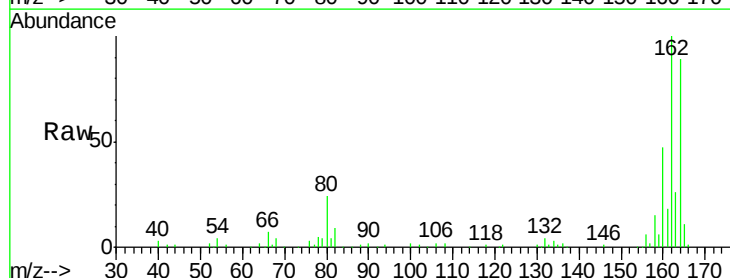
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1461(0-4)

Tot Ion	82	Resp	211982
Ion Ratio	Lower	Upper	
82	100		
128	50.3	33.4	50.0#
54	34.6	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: BG022511.D
 Acq: 23 Jun 2016 9:09

Tgt Ion	164	Resp	91908
Ion Ratio	Lower	Upper	
164	100		
162	112.2	78.0	117.0
160	52.8	32.9	49.3#

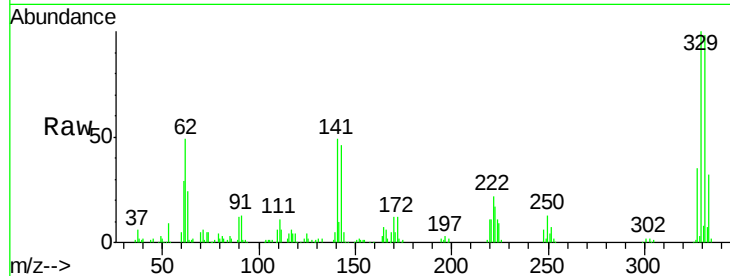




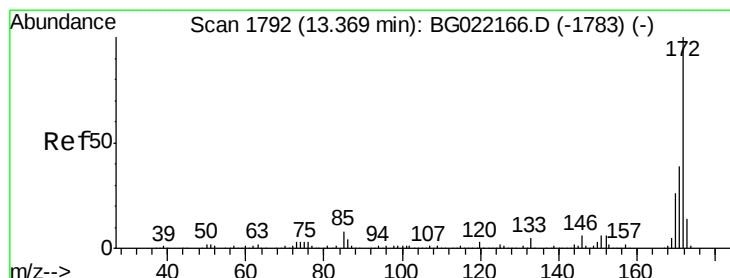
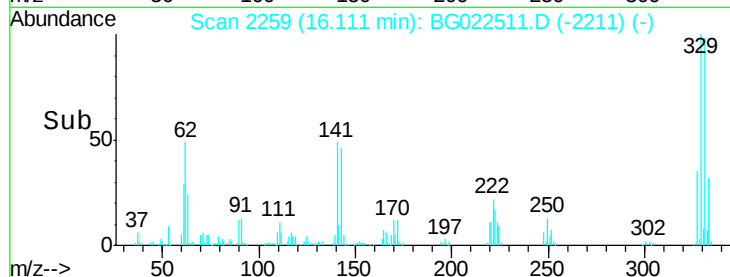
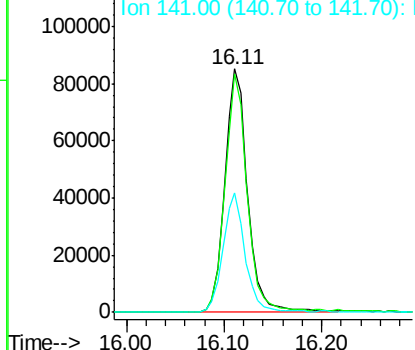
#41
 2,4,6-Tribromophenol
 Concen: 132.58 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BG022511.D
 Acq: 23 Jun 2016 9:09

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1461(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.0	117.0
141	47.5	33.8	50.8



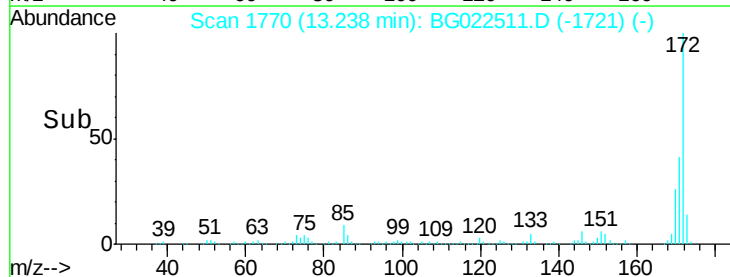
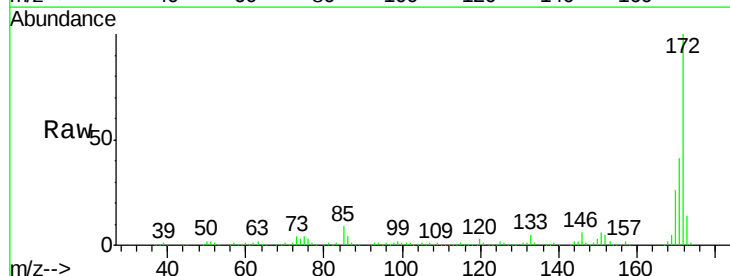
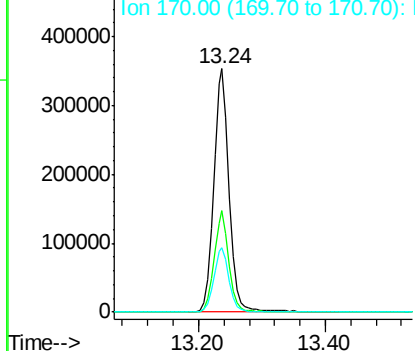
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

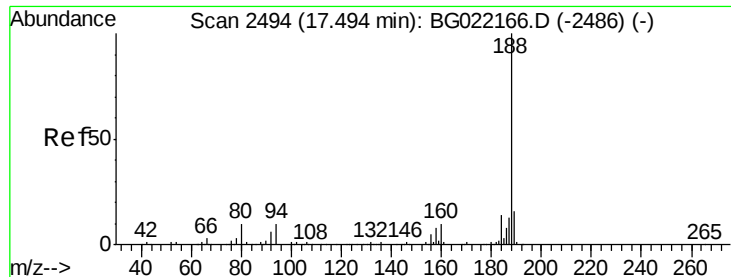


#44
 2-Fluorobiphenyl
 Concen: 101.09 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG022511.D
 Acq: 23 Jun 2016 9:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.5	27.8	41.6
170	26.5	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

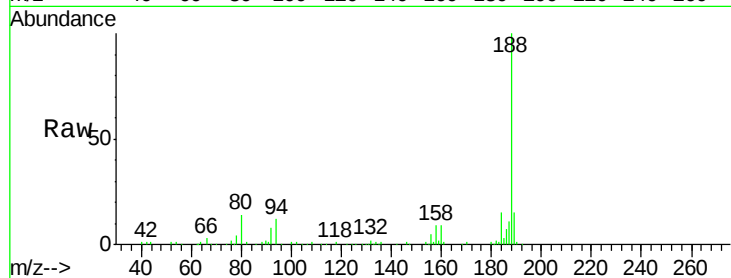




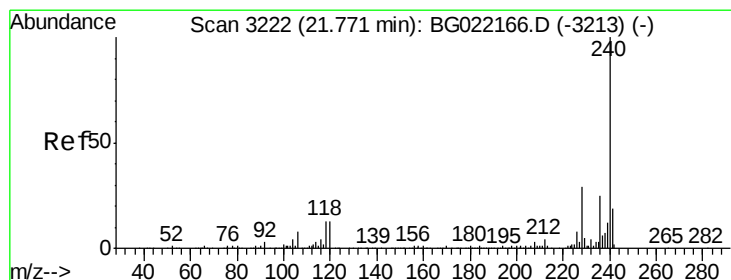
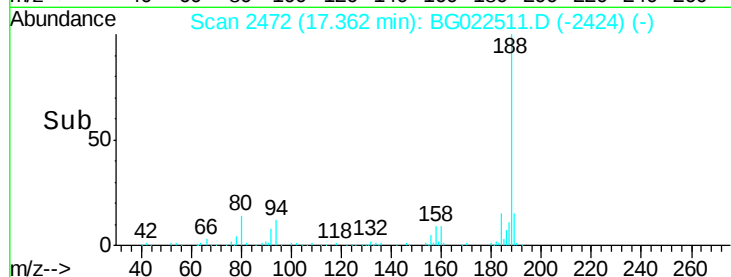
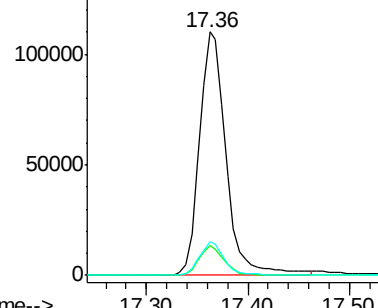
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.36 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BG022511.D
Acq: 23 Jun 2016 9:09

Instrument :
BNA_G
ClientSampleId :
SC-STA-1461(0-4)

Tot Ion:188 Resp: 199944
Ion Ratio Lower Upper
188 100
94 12.0 7.5 11.3#
80 13.6 8.6 13.0#

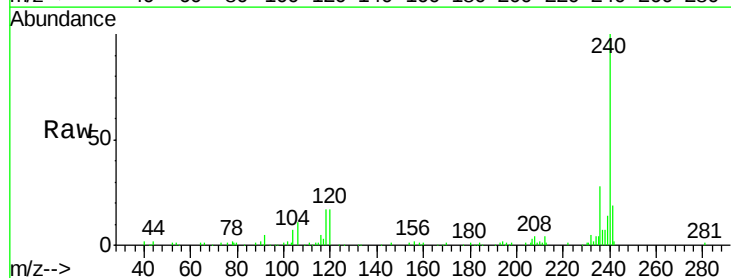


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

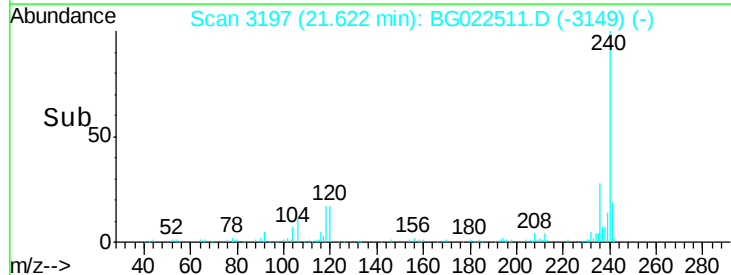
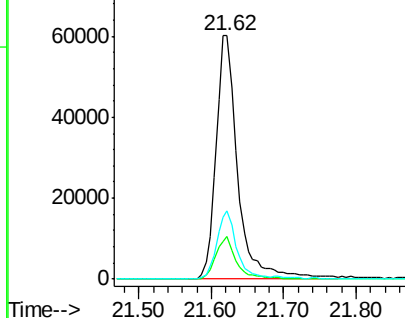


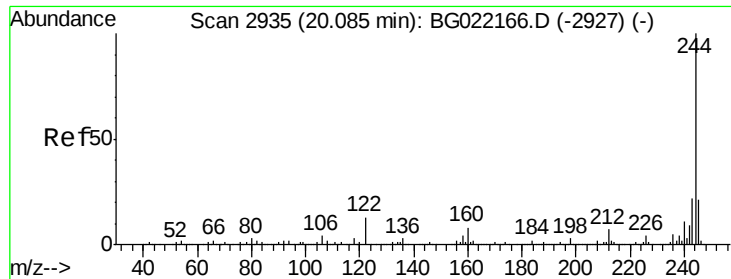
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BG022511.D
Acq: 23 Jun 2016 9:09

Tgt Ion:240 Resp: 125605
Ion Ratio Lower Upper
240 100
120 17.3 8.4 12.6#
236 27.9 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: 136.24 ng

RT: 19.97 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BG022511.D

Acq: 23 Jun 2016 9:09

Instrument :

BNA_G

ClientSampleId :

SC-STA-1461(0-4)

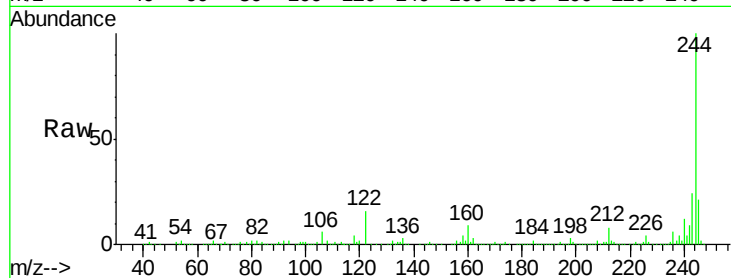
Tot Ion:244 Resp: 720794

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

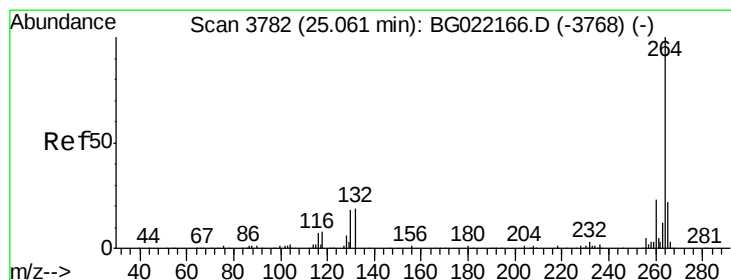
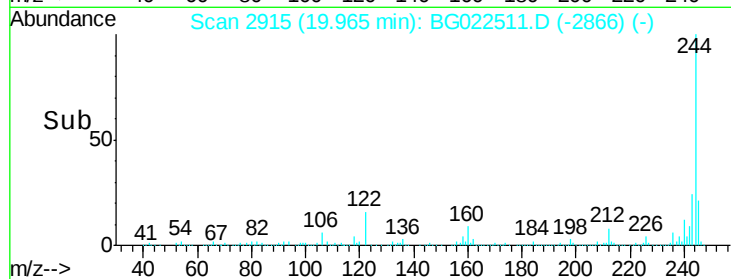
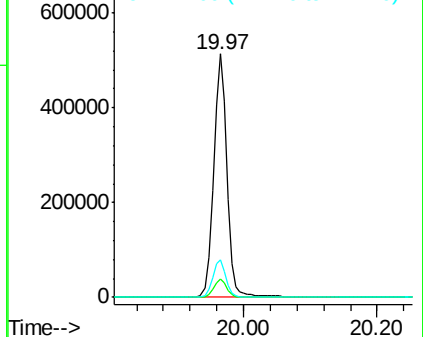
122 15.7 8.6 12.8#



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: 24.80 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BG022511.D

Acq: 23 Jun 2016 9:09

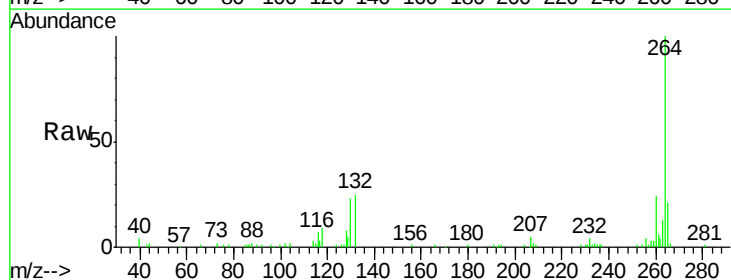
Tgt Ion:264 Resp: 110872

Ion Ratio Lower Upper

264 100

260 24.2 20.2 30.4

265 21.0 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

