

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022510.D
 Acq On : 23 Jun 2016 8:29
 Operator : UM/SJ
 Sample : H3623-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1456(0-4)

Quant Time: Jun 23 13:36:21 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	26074	20.00	ng	-0.03
21) Naphthalene-d8	10.79	136	140017	20.00	ng	-0.02
38) Acenaphthene-d10	14.62	164	85424	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	187706	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	118141	20.00	ng	-0.03
86) Perylene-d12	24.81	264	68909	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	261089	193.60	ng	-0.03
7) Phenol-d6	7.15	99	346571	163.45	ng	-0.03
23) Nitrobenzene-d5	9.14	82	222597	110.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.11	330	132298	137.06	ng	-0.02
44) 2-Fluorobiphenyl	13.24	172	621917	110.95	ng	-0.01
78) Terphenyl-d14	19.96	244	671895	135.02	ng	-0.01

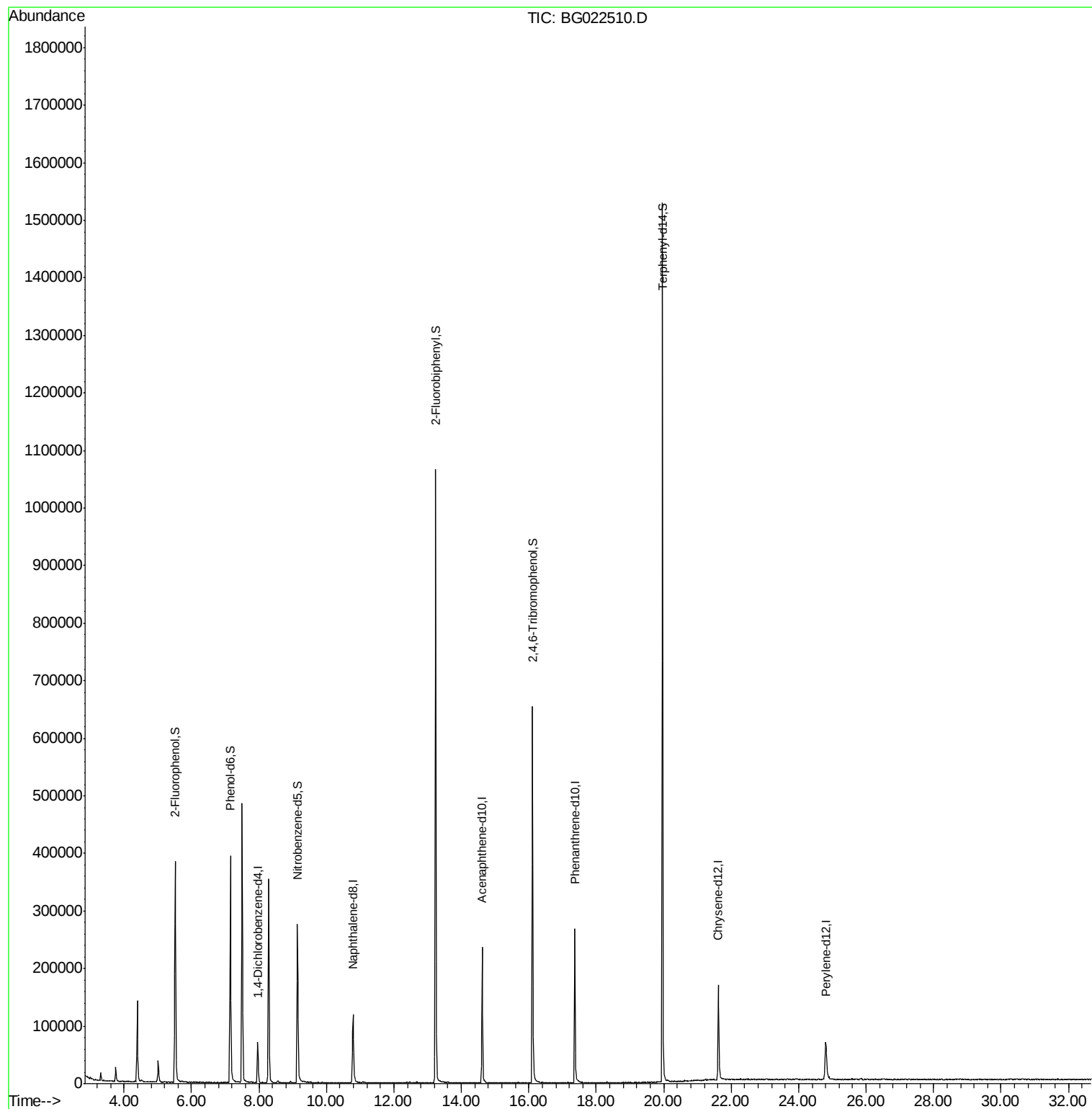
Target Compounds Qvalue

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

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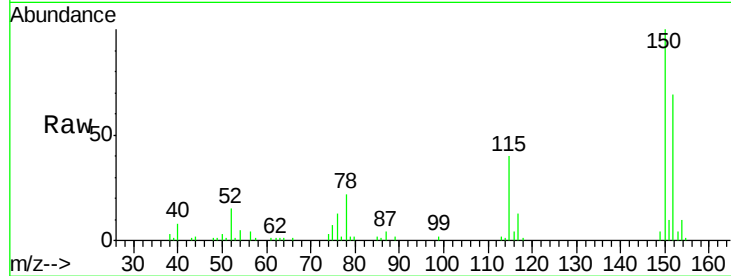


#1

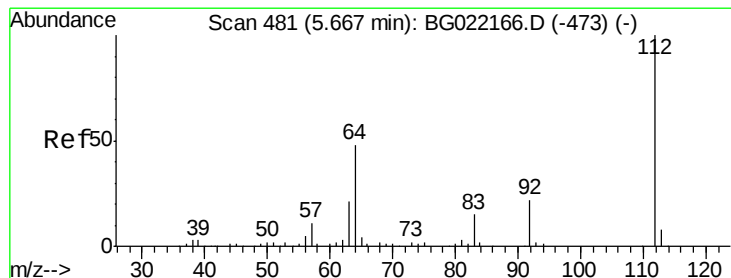
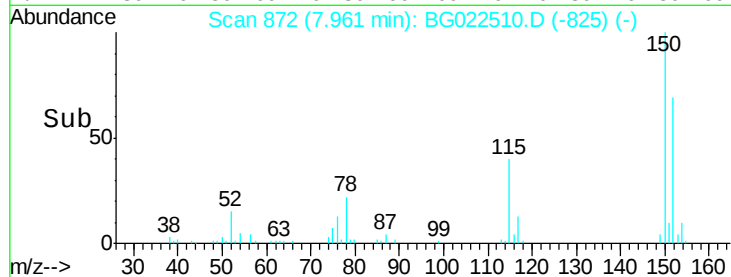
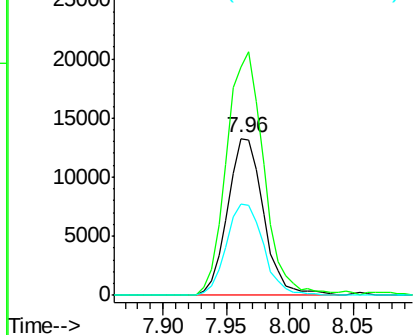
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.96 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BG022510.D
 Acq: 23 Jun 2016 8:29

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1456(0-4)

Tot Ion:152 Resp: 26074
 Ion Ratio Lower Upper
 152 100
 150 145.5 130.1 195.1
 115 57.9 62.2 93.2#



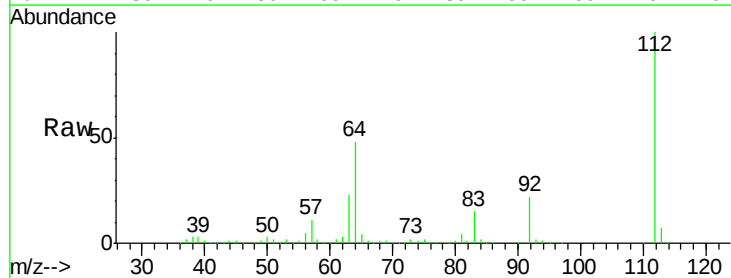
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



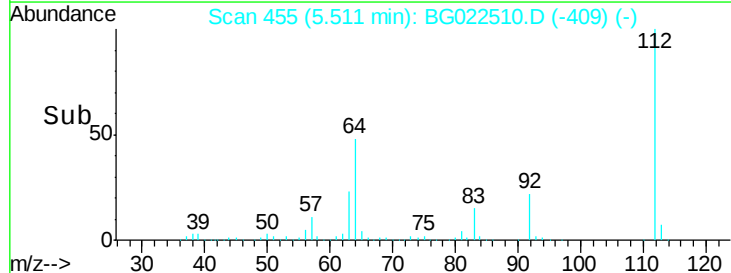
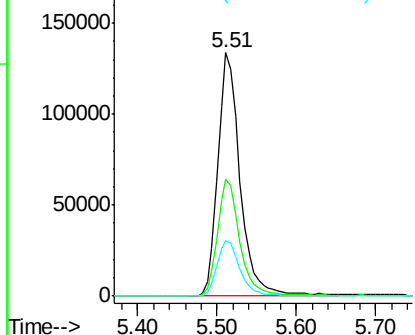
#5

2-Fluorophenol
 Concen: 193.60 ng
 RT: 5.51 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BG022510.D
 Acq: 23 Jun 2016 8:29

Tgt Ion:112 Resp: 261089
 Ion Ratio Lower Upper
 112 100
 64 48.1 51.1 76.7#
 63 22.6 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: 163.45 ng

RT: 7.15 min Scan# 734

Delta R.T. -0.03 min

Lab File: BG022510.D

Acq: 23 Jun 2016 8:29

Instrument :

BNA_G

ClientSampleId :

SC-STA-1456(0-4)

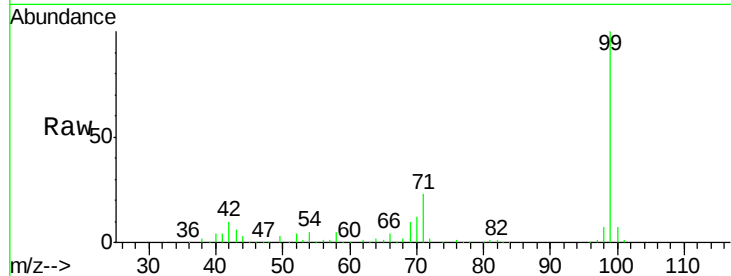
Tot Ion: 99 Resp: 346571

Ion Ratio Lower Upper

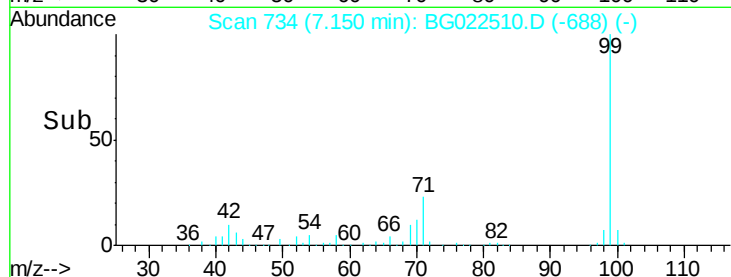
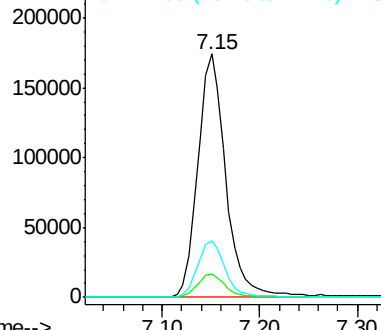
99 100

42 9.6 16.4 24.6#

71 23.3 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: BG022510.D

Acq: 23 Jun 2016 8:29

Tgt Ion: 136 Resp: 140017

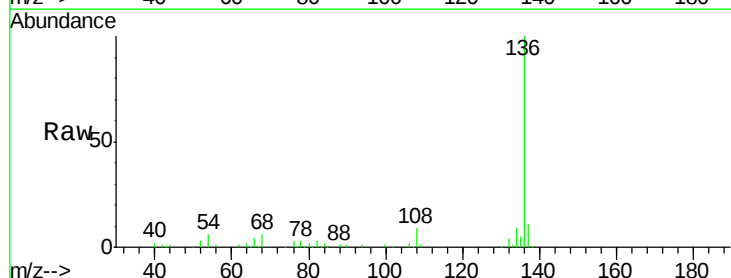
Ion Ratio Lower Upper

136 100

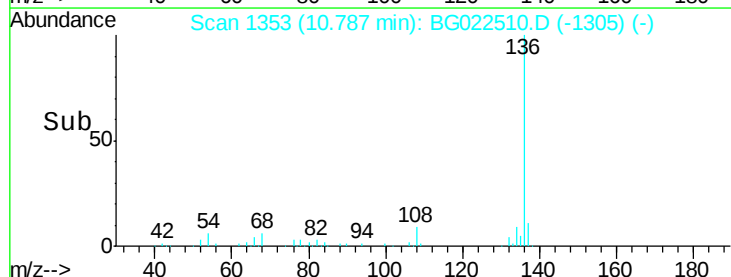
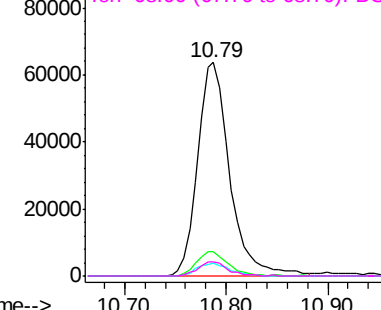
137 11.4 9.0 13.4

54 6.0 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

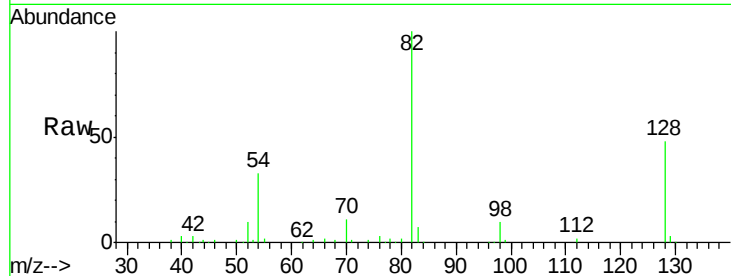




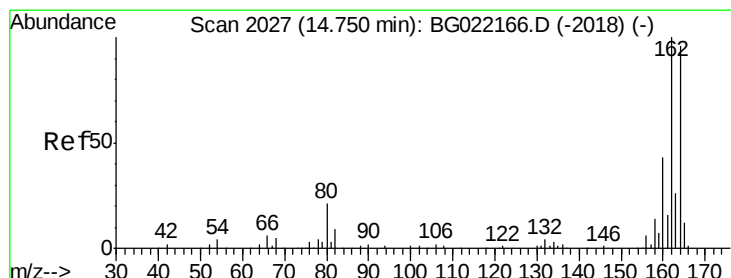
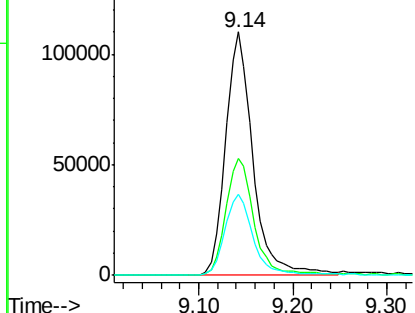
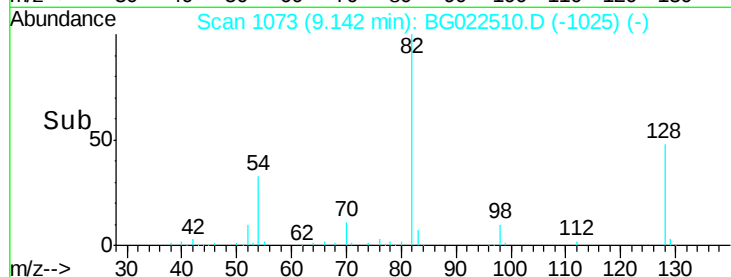
#23
Nitrobenzene-d5
Concen: 110.84 ng
RT: 9.14 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BG022510.D
Acq: 23 Jun 2016 8:29

Instrument :
BNA_G
ClientSampleId :
SC-STA-1456(0-4)

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	33.4	50.0
54	33.4	46.1	69.1#

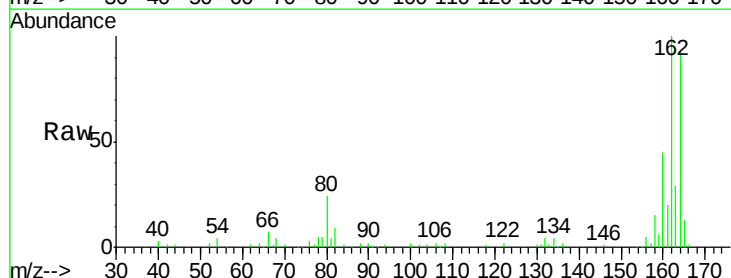


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

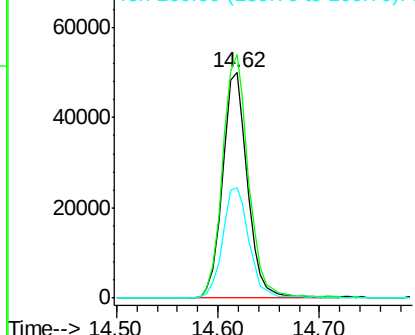
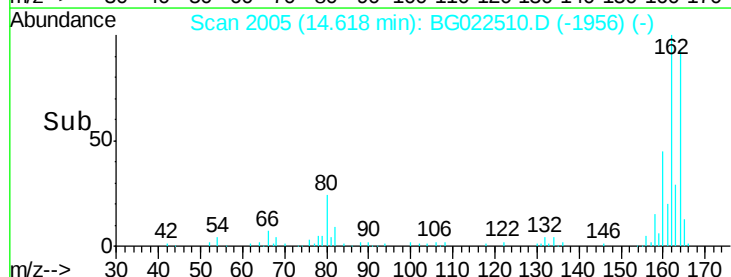


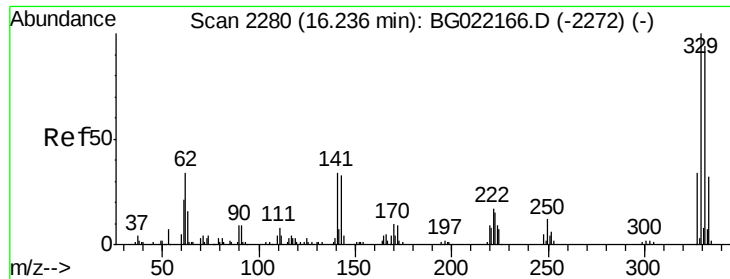
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG022510.D
Acq: 23 Jun 2016 8:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	78.0	117.0
160	48.9	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

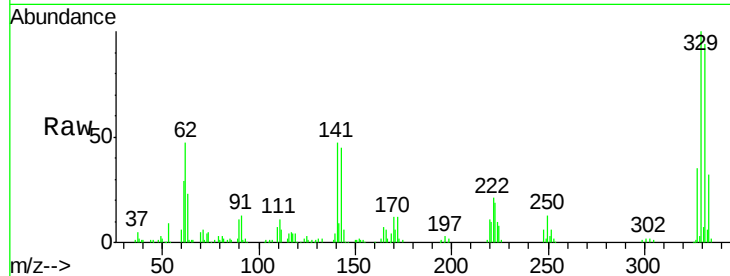




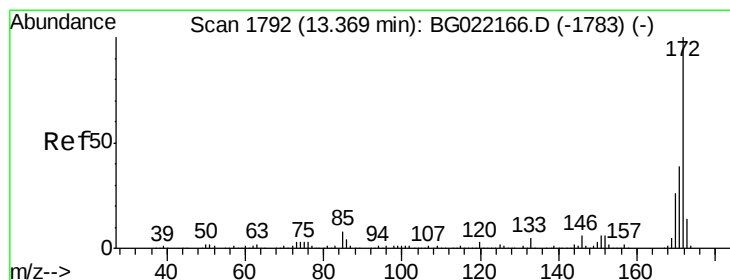
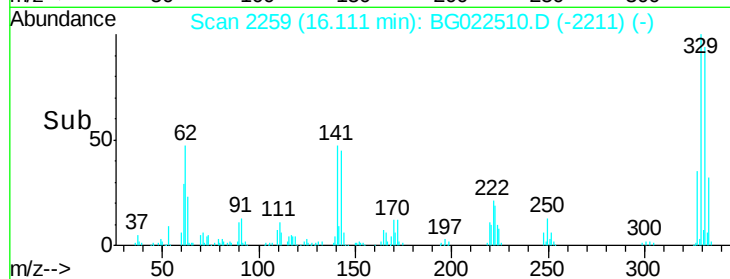
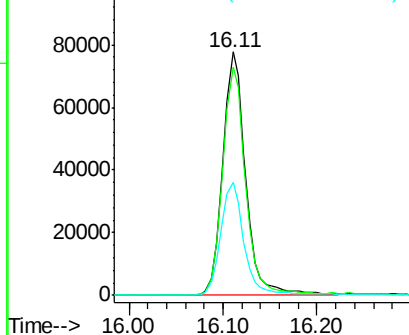
#41
 2,4,6-Tribromophenol
 Concen: 137.06 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BG022510.D
 Acq: 23 Jun 2016 8:29

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1456(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.0	117.0
141	47.7	33.8	50.8

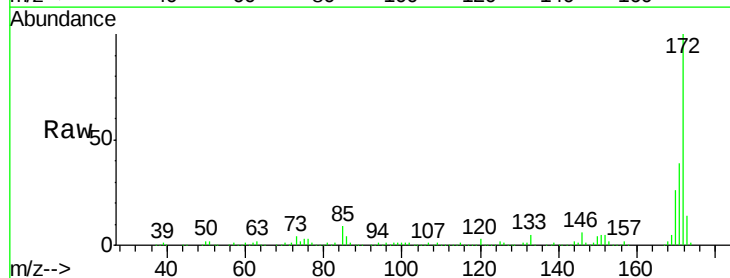


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

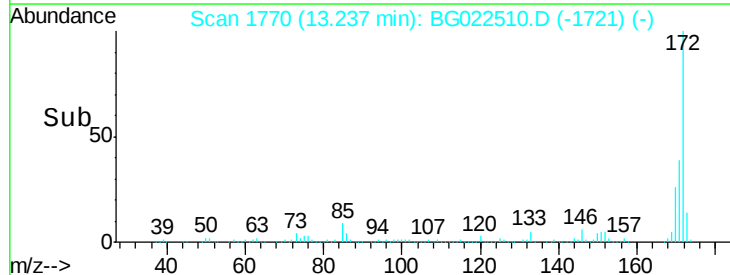
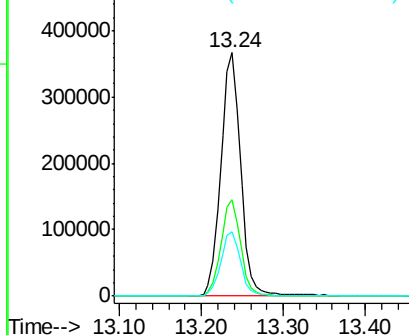


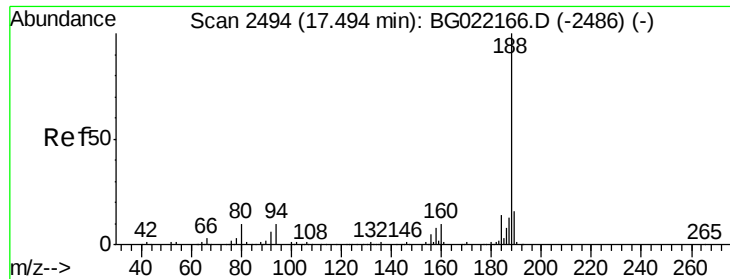
#44
 2-Fluorobiphenyl
 Concen: 110.95 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG022510.D
 Acq: 23 Jun 2016 8:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	27.8	41.6
170	26.3	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

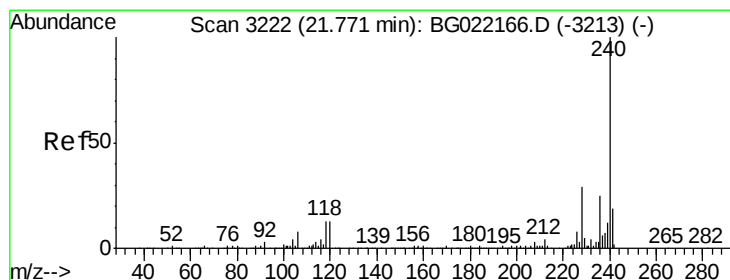
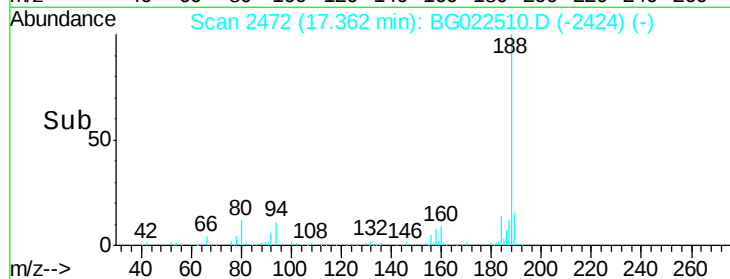
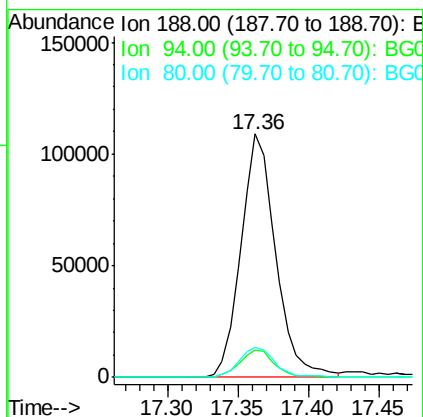
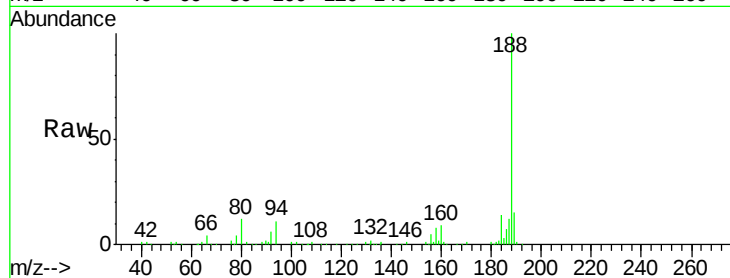




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.36 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BG022510.D
Acq: 23 Jun 2016 8:29

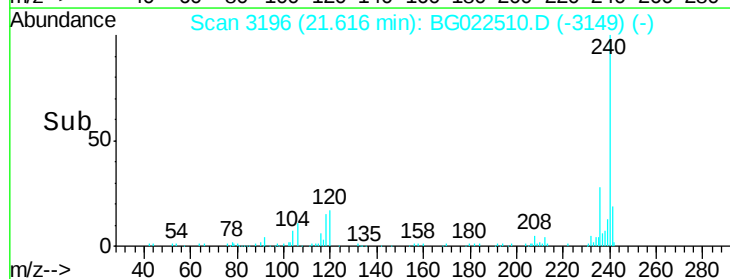
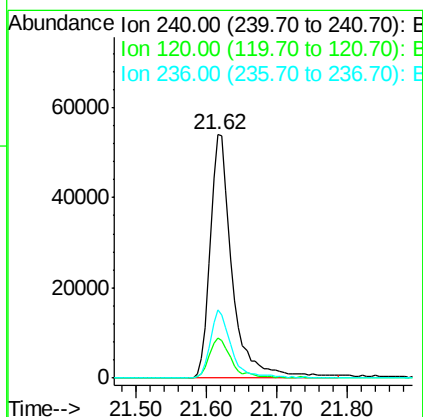
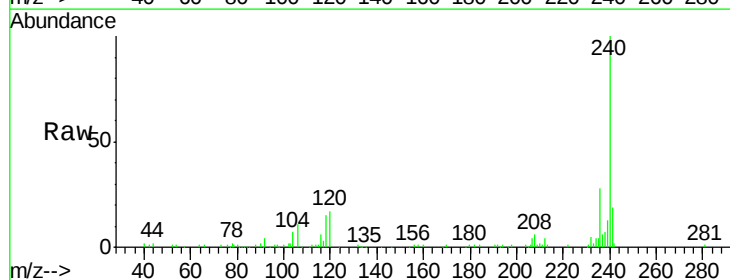
Instrument :
BNA_G
ClientSampleId :
SC-STA-1456(0-4)

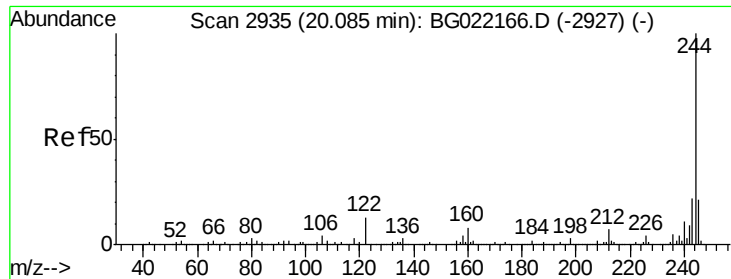
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.5	11.3
80	12.5	8.6	13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3196
Delta R.T. -0.03 min
Lab File: BG022510.D
Acq: 23 Jun 2016 8:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.6	8.4	12.6#
236	28.0	19.6	29.4





#78

Terphenyl-d14

Concen: 135.02 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BG022510.D

Acq: 23 Jun 2016 8:29

Instrument :

BNA_G

ClientSampleId :

SC-STA-1456(0-4)

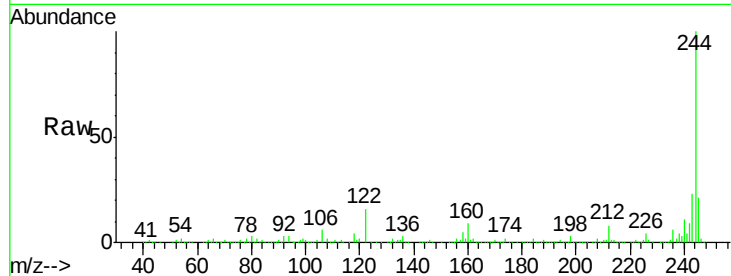
Tot Ion:244 Resp: 671895

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

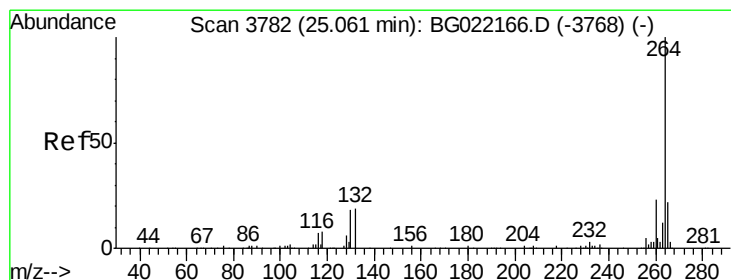
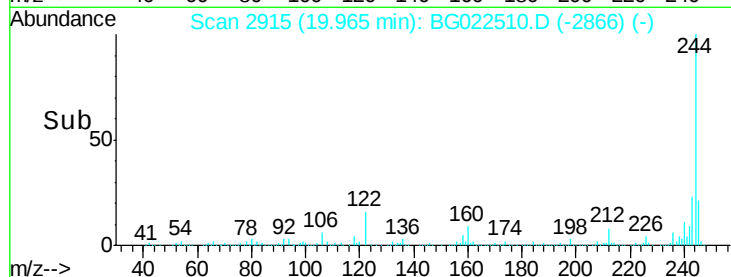
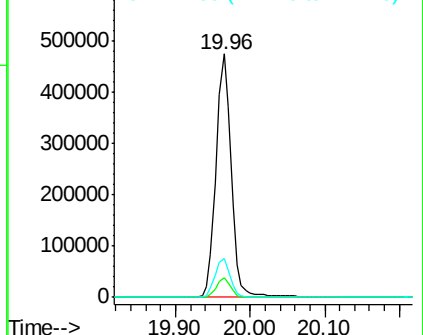
122 16.2 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG022510.D

Acq: 23 Jun 2016 8:29

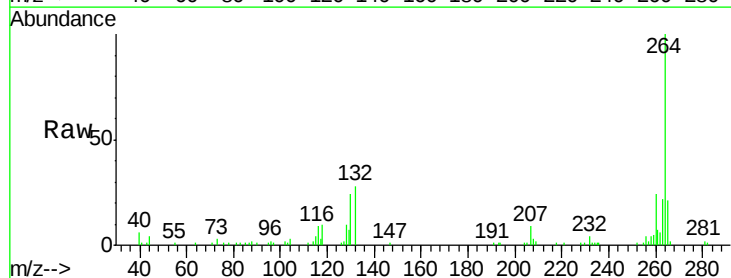
Tgt Ion:264 Resp: 68909

Ion Ratio Lower Upper

264 100

260 24.5 20.2 30.4

265 21.3 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

