

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022493.D
 Acq On : 22 Jun 2016 9:35
 Operator : UM/SJ
 Sample : H3601-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 14:01:21 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	7.98	152	18540	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	83082	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	59065	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	135326	20.00	ng	0.00
75) Chrysene-d12	21.64	240	116772	20.00	ng	0.00
86) Perylene-d12	24.84	264	101681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	149444	155.85	ng	0.00
7) Phenol-d6	7.17	99	196921	130.61	ng	-0.01
23) Nitrobenzene-d5	9.16	82	121874	102.27	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	67694	101.43	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	347017	89.53	ng	0.00
78) Terphenyl-d14	19.98	244	520319	105.79	ng	0.00

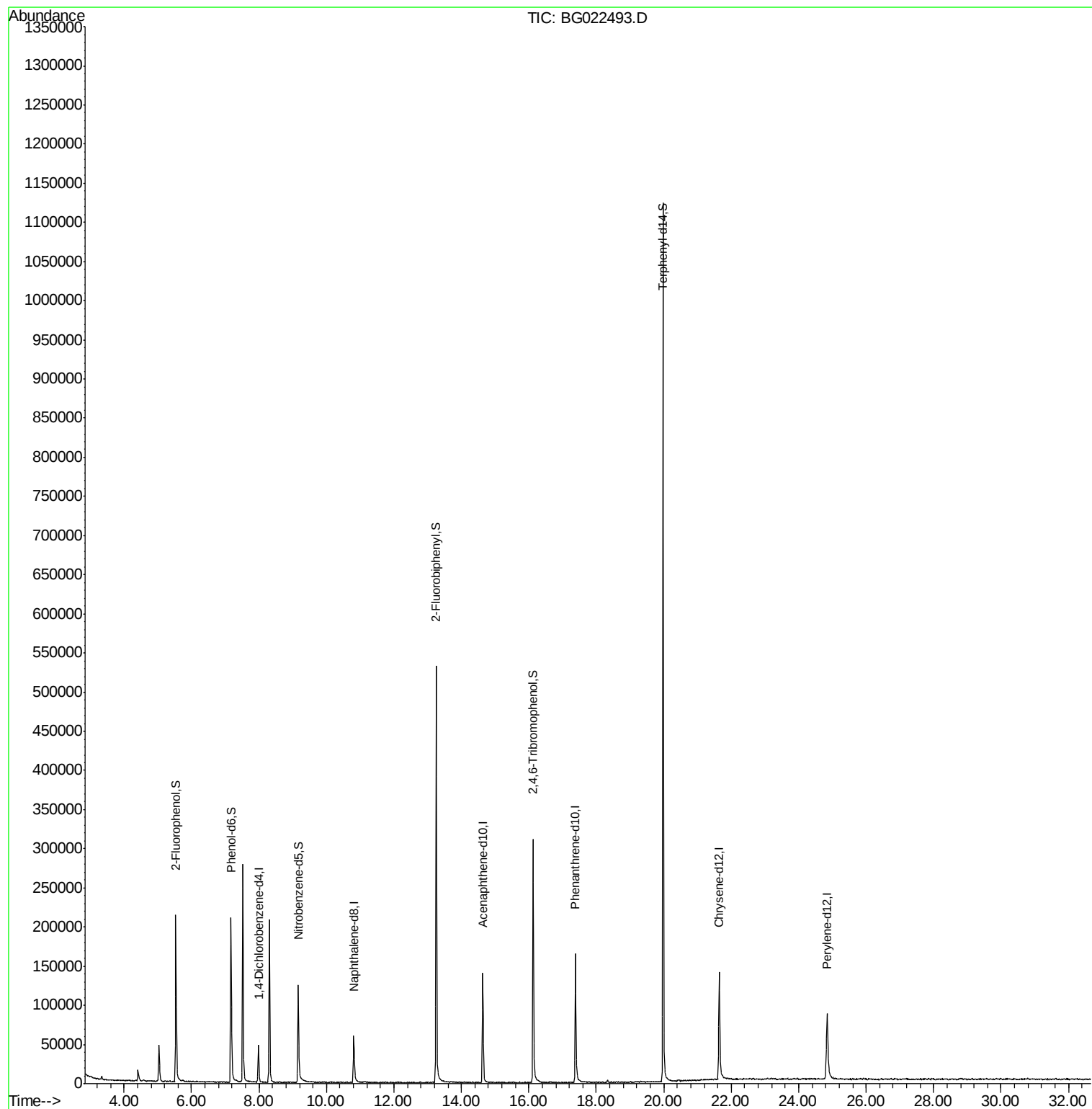
Target Compounds Qvalue

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

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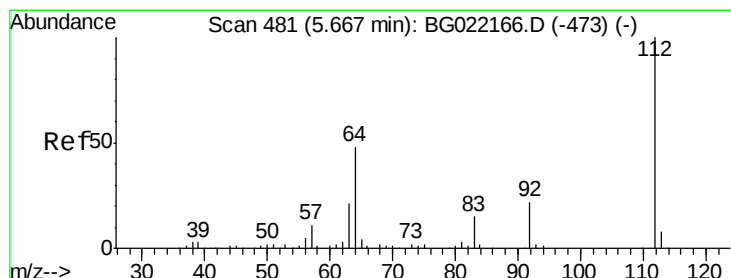
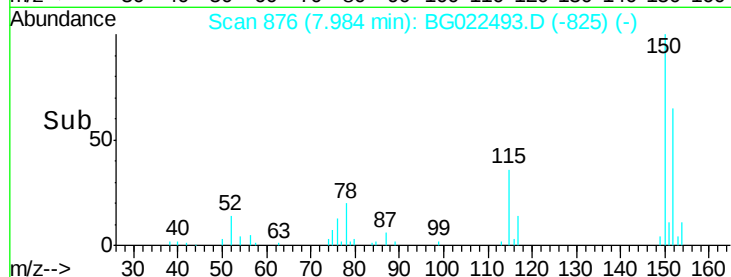
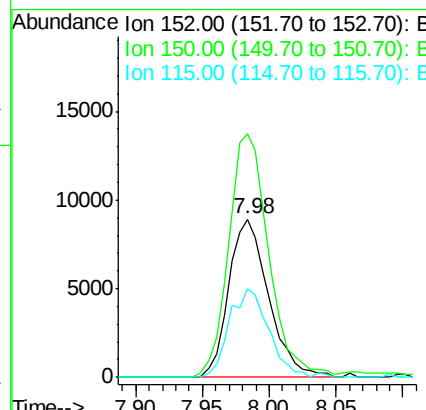
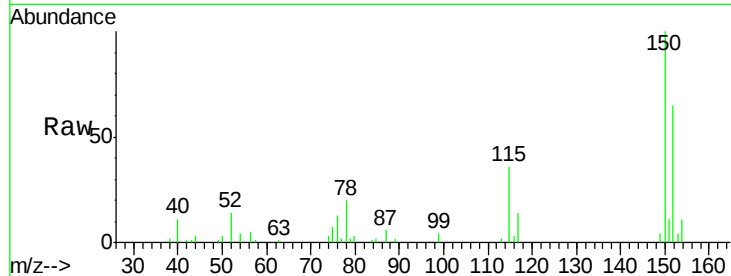


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG022493.D
Acq: 22 Jun 2016 9:35

Instrument :
BNA_G
ClientSampleId :

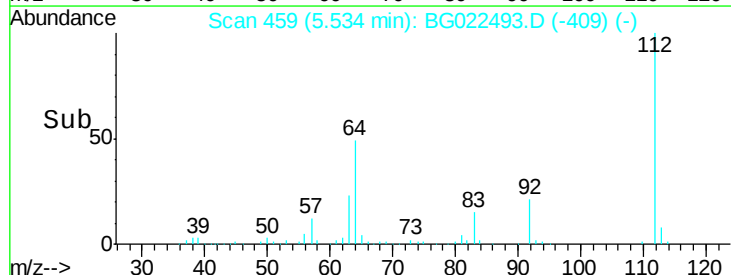
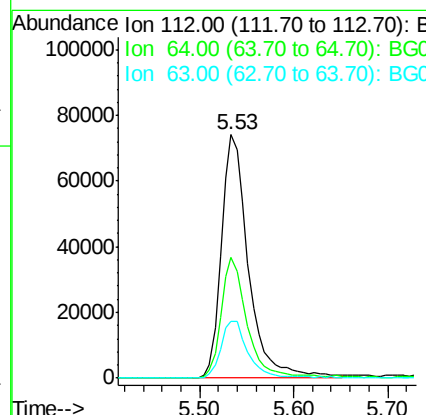
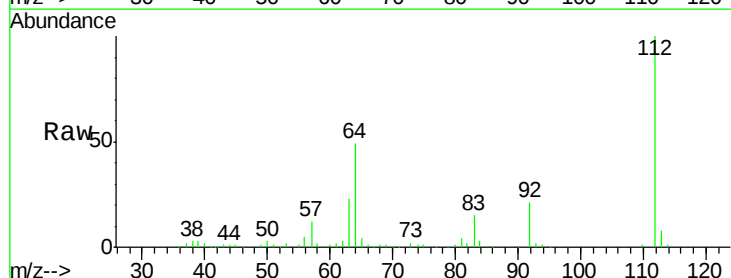
Tot Ion:152 Resp: 18540
Ion Ratio Lower Upper
152 100
150 154.3 130.1 195.1
115 56.1 62.2 93.2#

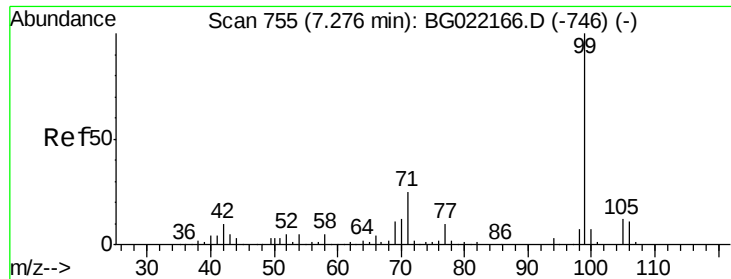


#5

2-Fluorophenol
Concen: 155.85 ng
RT: 5.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BG022493.D
Acq: 22 Jun 2016 9:35

Tgt Ion:112 Resp: 149444
Ion Ratio Lower Upper
112 100
64 49.5 51.1 76.7#
63 23.3 24.6 37.0#





#7

Phenol-d6

Concen: 130.61 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG022493.D

Acq: 22 Jun 2016 9:35

Instrument :

BNA_G

ClientSampleId :

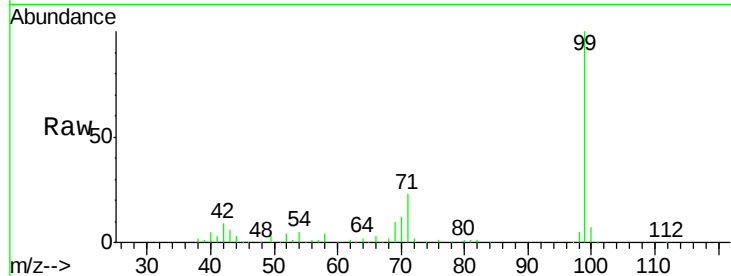
Tot Ion: 99 Resp: 196921

Ion Ratio Lower Upper

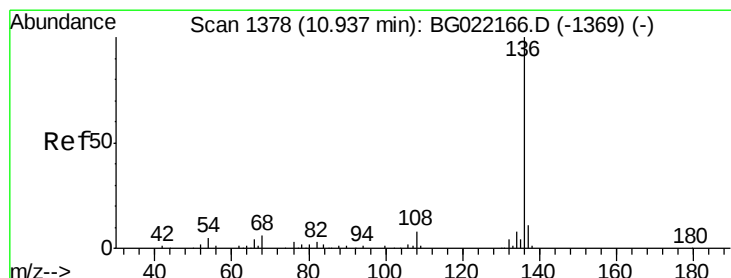
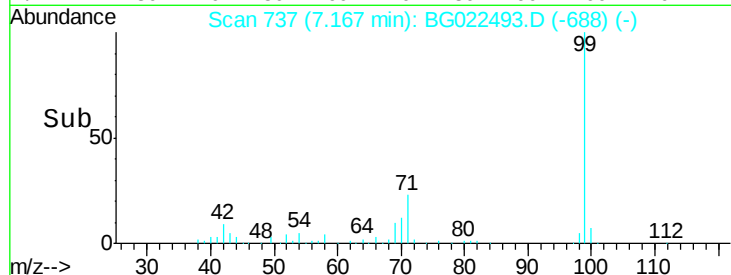
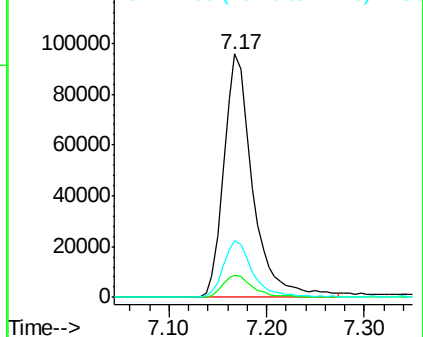
99 100

42 9.0 16.4 24.6#

71 23.4 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: 10.81 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BG022493.D

Acq: 22 Jun 2016 9:35

Tgt Ion: 136 Resp: 83082

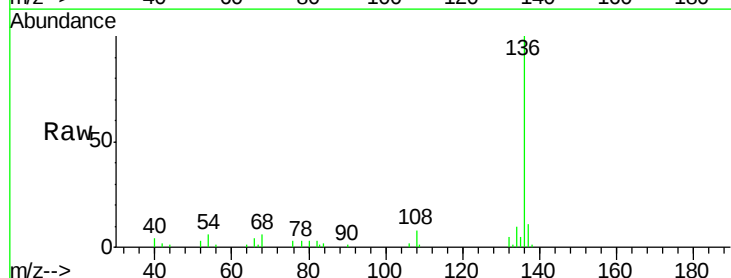
Ion Ratio Lower Upper

136 100

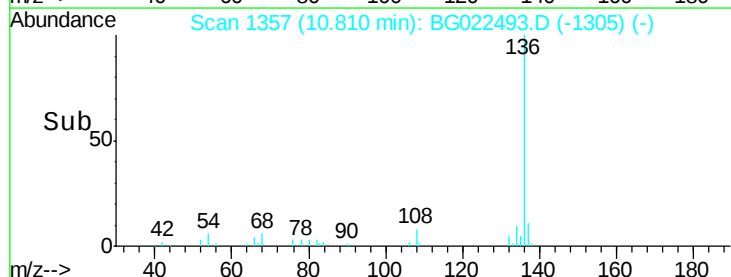
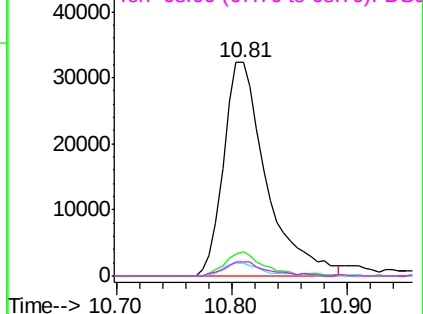
137 11.3 9.0 13.4

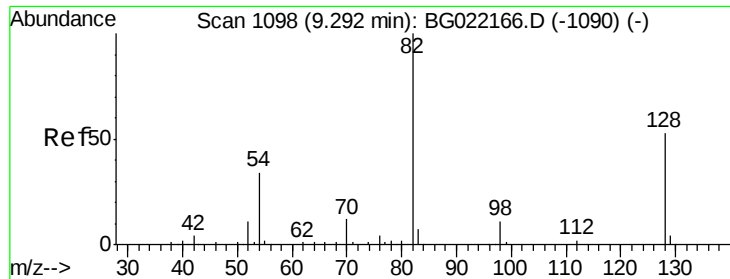
54 5.7 9.6 14.4#

68 6.3 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

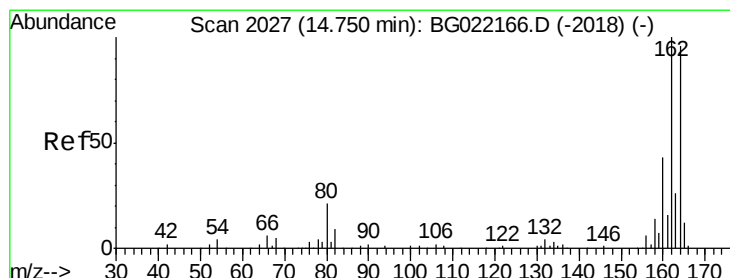
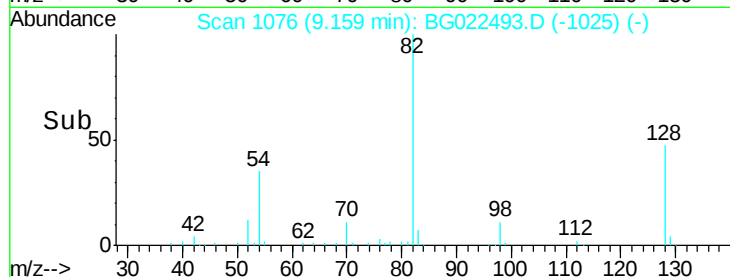
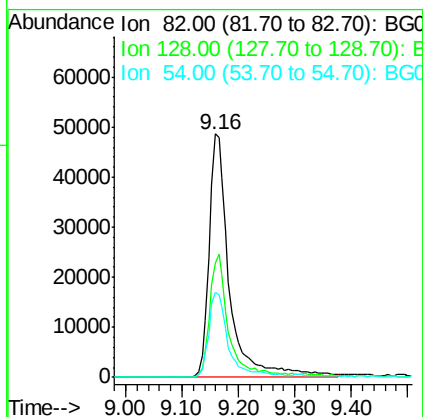
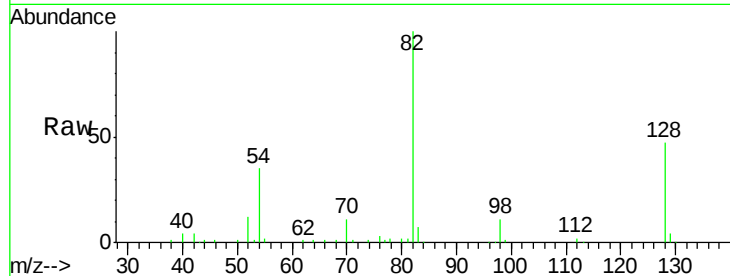




#23
 Nitrobenzene-d5
 Concen: 102.27 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG022493.D
 Acq: 22 Jun 2016 9:35

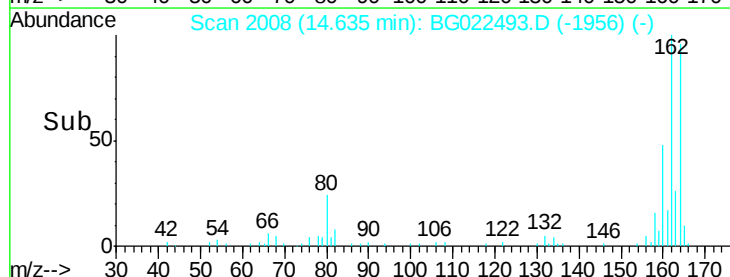
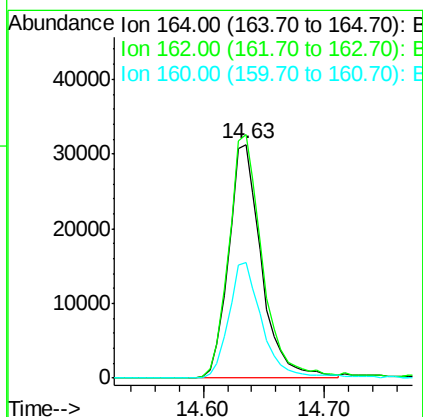
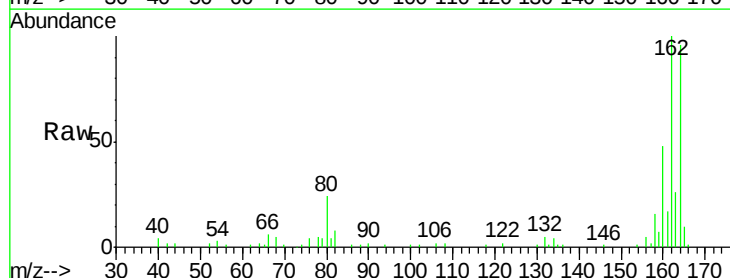
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 121874
 Ion Ratio Lower Upper
 82 100
 128 46.8 33.4 50.0
 54 35.0 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG022493.D
 Acq: 22 Jun 2016 9:35

Tgt Ion:164 Resp: 59065
 Ion Ratio Lower Upper
 164 100
 162 104.2 78.0 117.0
 160 49.7 32.9 49.3#

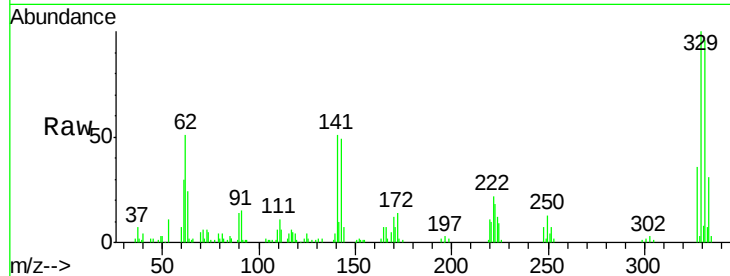




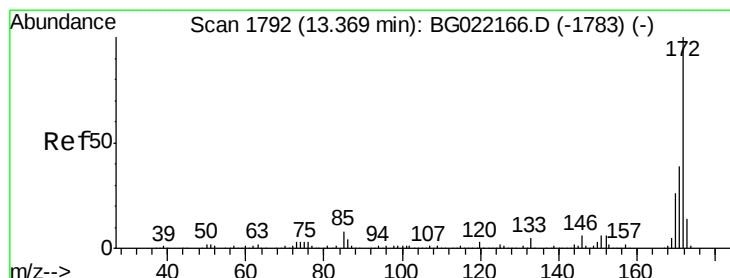
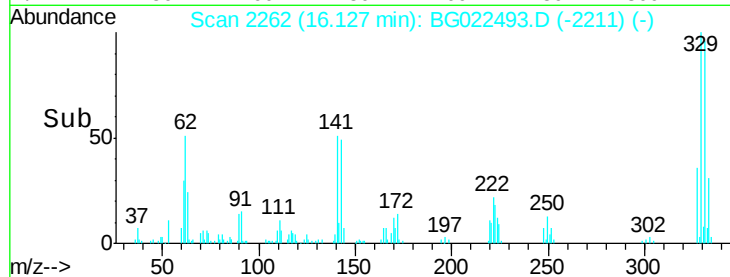
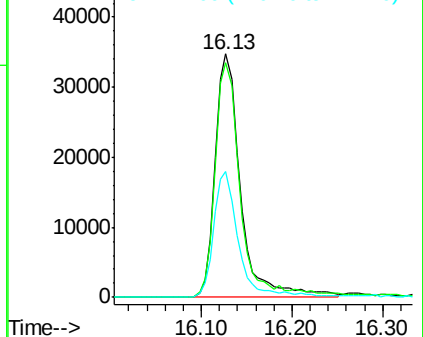
#41
 2,4,6-Tribromophenol
 Concen: 101.43 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG022493.D
 Acq: 22 Jun 2016 9:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 67694
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.0 117.0
 141 50.3 33.8 50.8

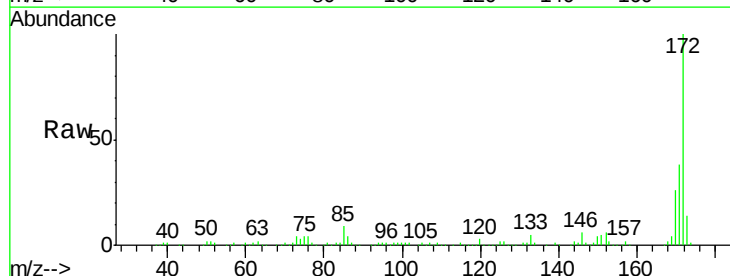


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

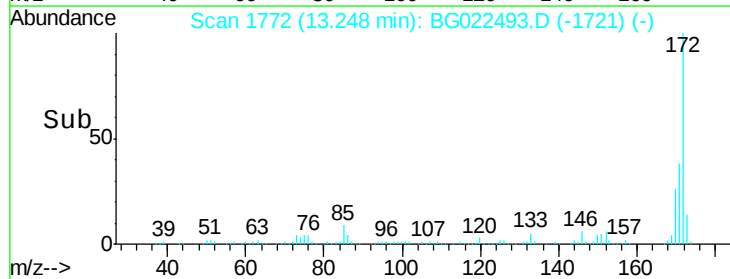
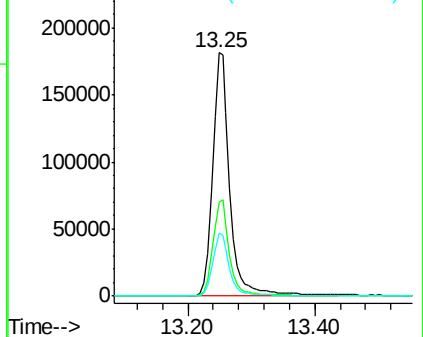


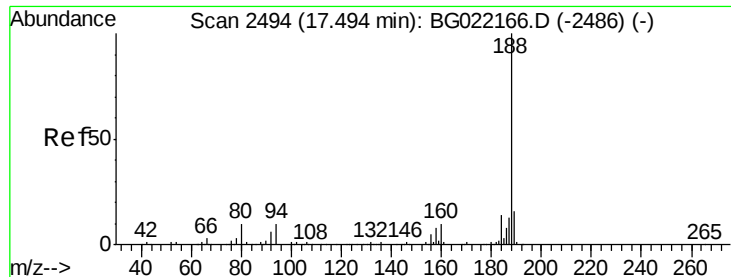
#44
 2-Fluorobiphenyl
 Concen: 89.53 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022493.D
 Acq: 22 Jun 2016 9:35

Tgt Ion:172 Resp: 347017
 Ion Ratio Lower Upper
 172 100
 171 38.4 27.8 41.6
 170 25.8 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: 17.38 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BG022493.D

Acq: 22 Jun 2016 9:35

Instrument :

BNA_G

ClientSampleId :

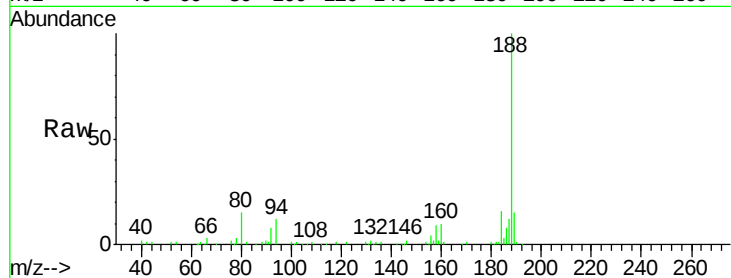
Tot Ion:188 Resp: 135326

Ion Ratio Lower Upper

188 100

94 12.3 7.5 11.3#

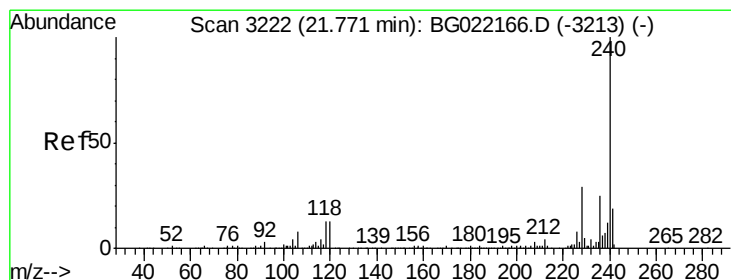
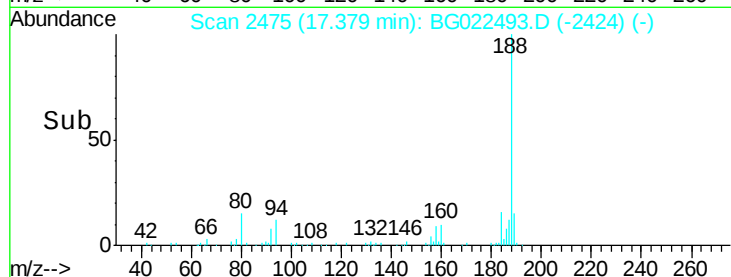
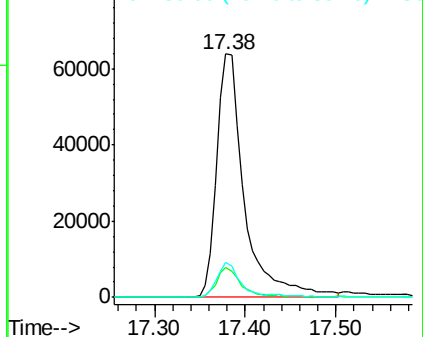
80 14.6 8.6 13.0#



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: 21.64 min Scan# 3201

Delta R.T. 0.00 min

Lab File: BG022493.D

Acq: 22 Jun 2016 9:35

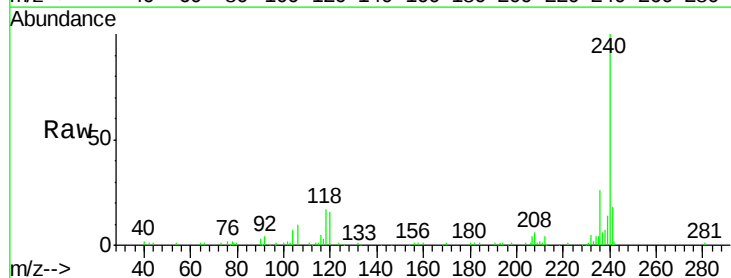
Tgt Ion:240 Resp: 116772

Ion Ratio Lower Upper

240 100

120 15.5 8.4 12.6#

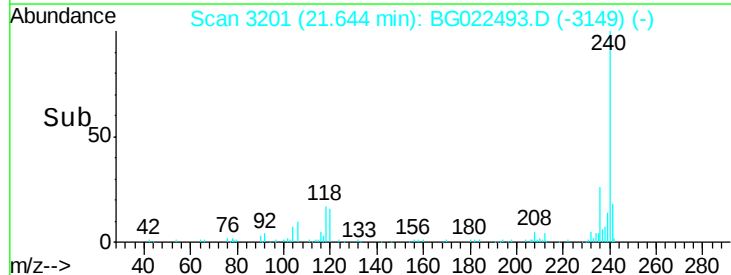
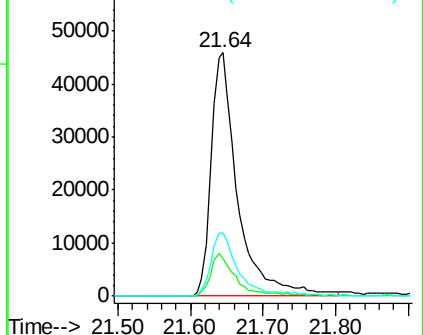
236 26.0 19.6 29.4

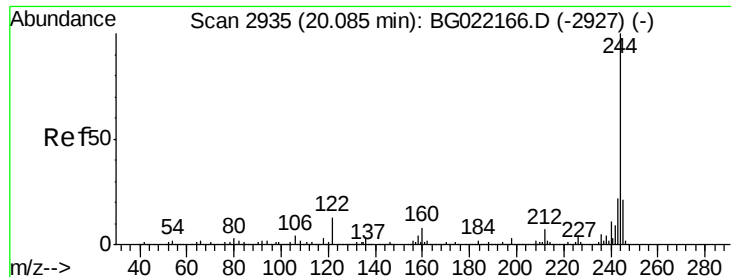


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.79 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG022493.D

Acq: 22 Jun 2016 9:35

Instrument :

BNA_G

ClientSampled :

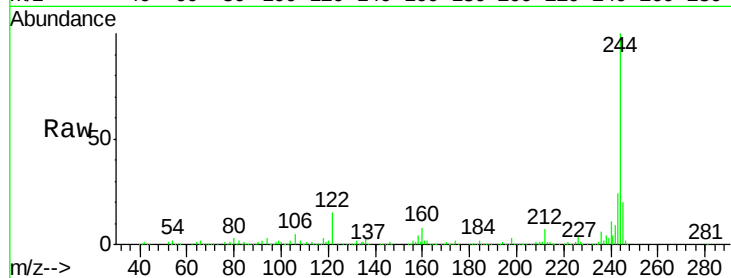
Tot Ion:244 Resp: 520319

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

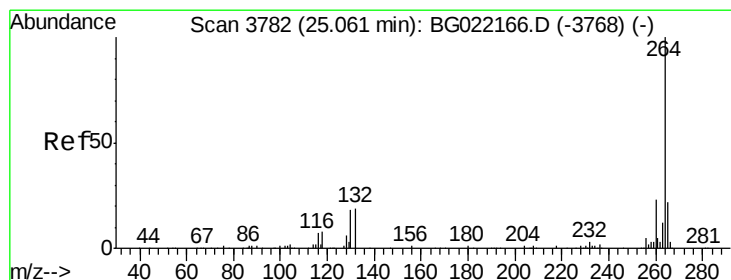
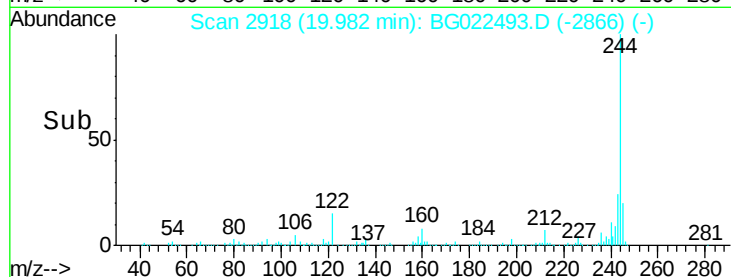
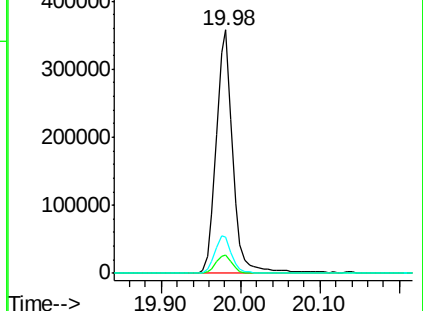
122 14.9 8.6 12.8#



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: 24.84 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BG022493.D

Acq: 22 Jun 2016 9:35

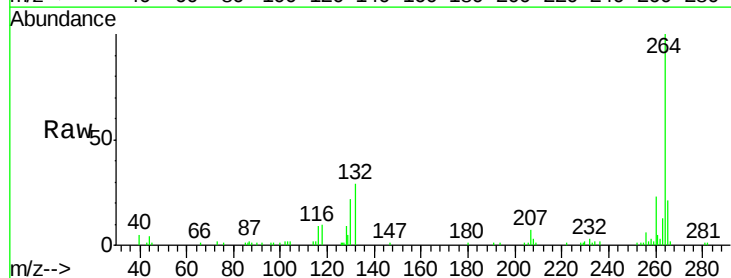
Tgt Ion:264 Resp: 101681

Ion Ratio Lower Upper

264 100

260 22.8 20.2 30.4

265 21.4 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

