

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022494.D
 Acq On : 22 Jun 2016 10:14
 Operator : UM/SJ
 Sample : H3601-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 14:01:33 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	18781	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	85885	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	59425	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	139017	20.00	ng	0.00
75) Chrysene-d12	21.64	240	116550	20.00	ng	0.00
86) Perylene-d12	24.84	264	103827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	145256	149.54	ng	0.00
7) Phenol-d6	7.17	99	191932	125.67	ng	-0.01
23) Nitrobenzene-d5	9.16	82	112009	90.92	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	67419	100.40	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	331367	84.98	ng	0.00
78) Terphenyl-d14	19.98	244	503913	102.65	ng	0.00

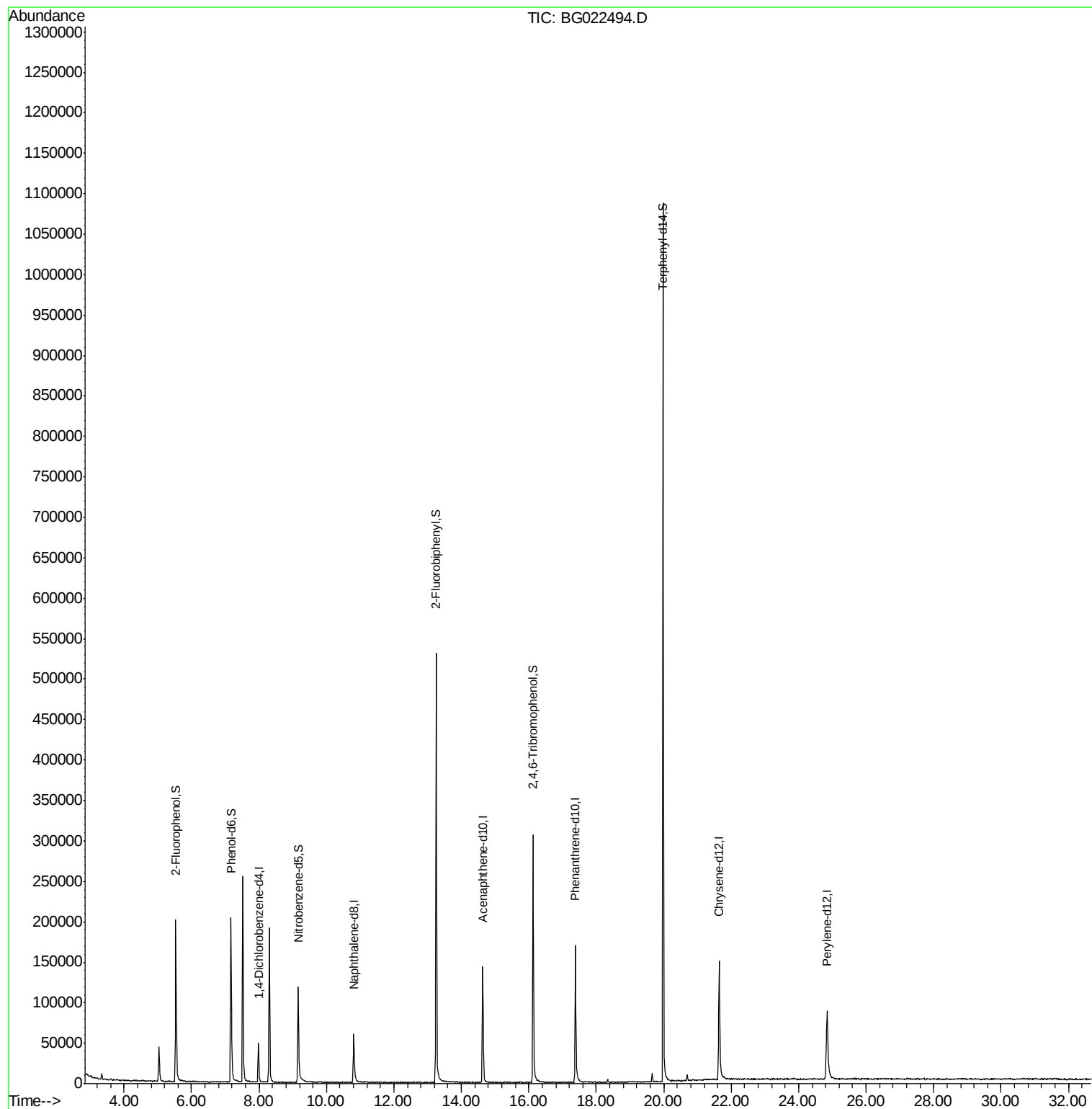
Target Compounds Qvalue

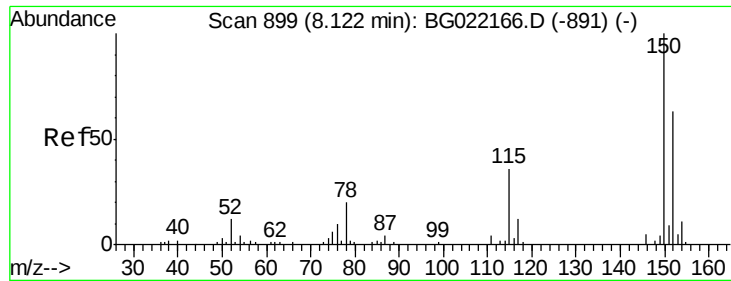
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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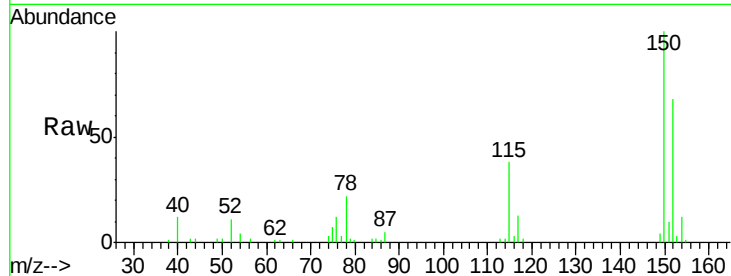


#1

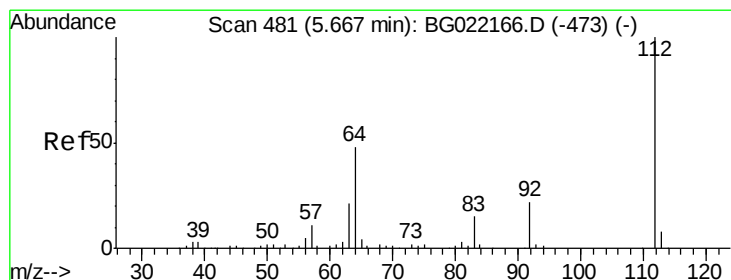
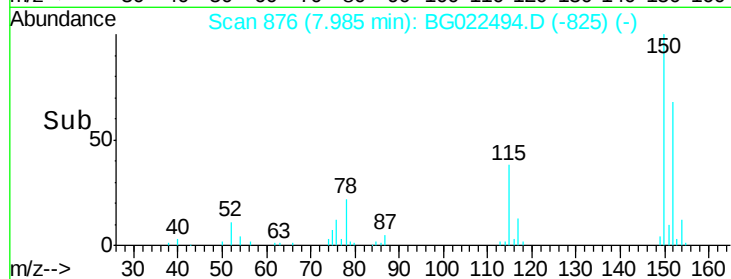
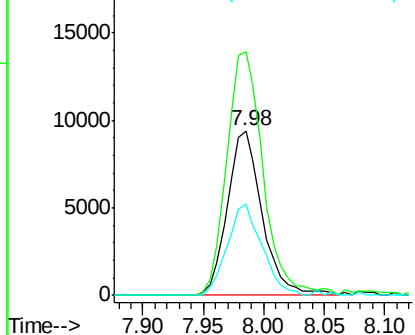
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.98 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG022494.D
 Acq: 22 Jun 2016 10:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 18781
 Ion Ratio Lower Upper
 152 100
 150 148.1 130.1 195.1
 115 55.6 62.2 93.2#



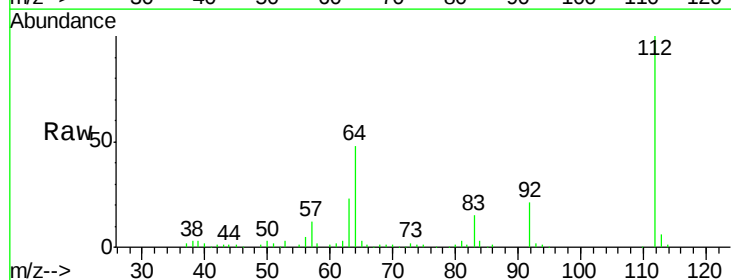
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



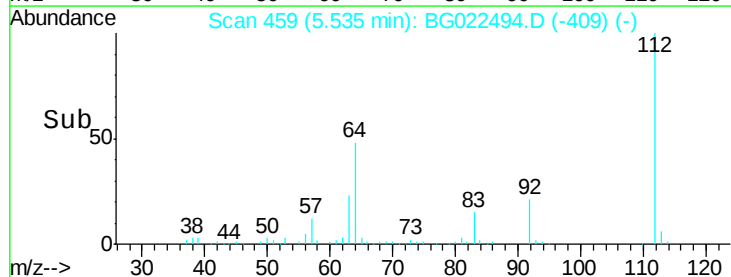
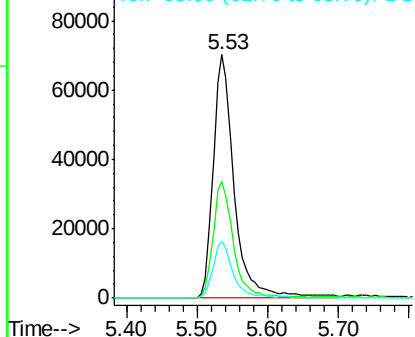
#5

2-Fluorophenol
 Concen: 149.54 ng
 RT: 5.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BG022494.D
 Acq: 22 Jun 2016 10:14

Tgt Ion:112 Resp: 145256
 Ion Ratio Lower Upper
 112 100
 64 48.0 51.1 76.7#
 63 23.3 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: 125.67 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG022494.D

Acq: 22 Jun 2016 10:14

Instrument :

BNA_G

ClientSampleId :

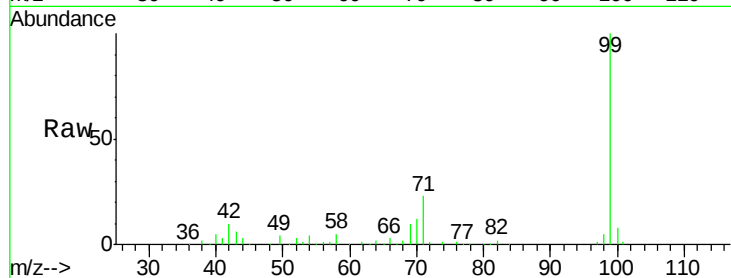
Tot Ion: 99 Resp: 191932

Ion Ratio Lower Upper

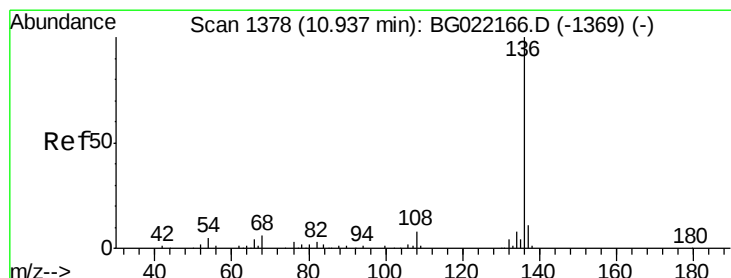
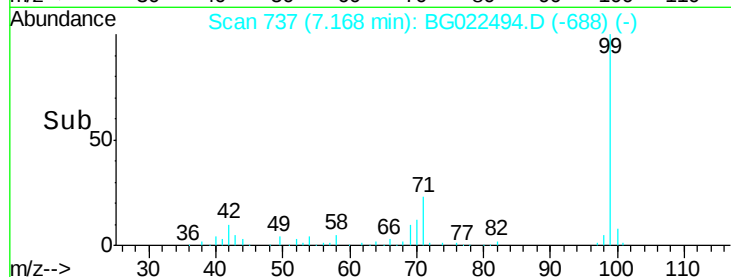
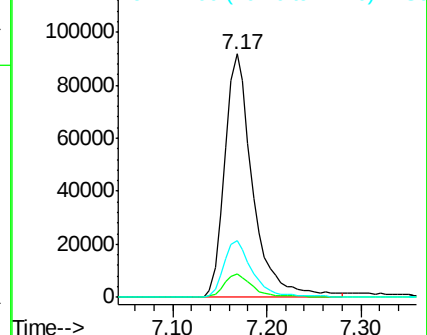
99 100

42 9.7 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# 1356

Delta R.T. -0.00 min

Lab File: BG022494.D

Acq: 22 Jun 2016 10:14

Tgt Ion: 136 Resp: 85885

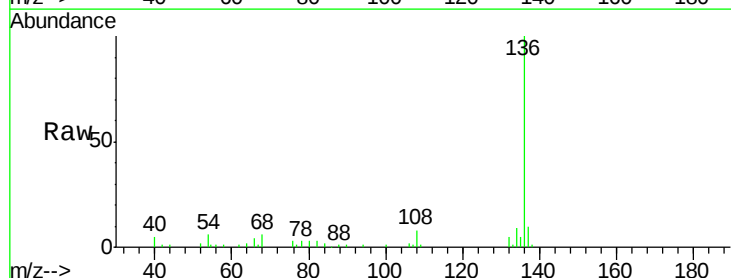
Ion Ratio Lower Upper

136 100

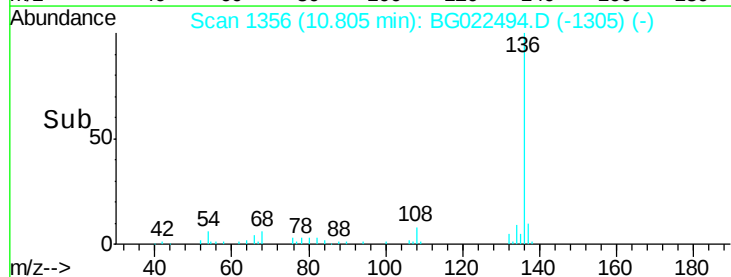
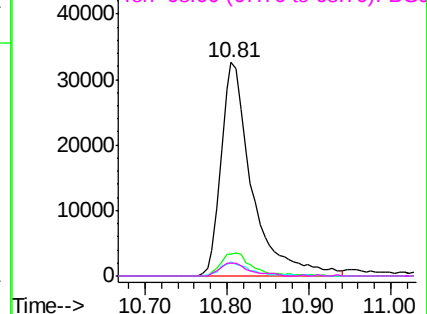
137 9.9 9.0 13.4

54 6.7 9.6 14.4#

68 5.8 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

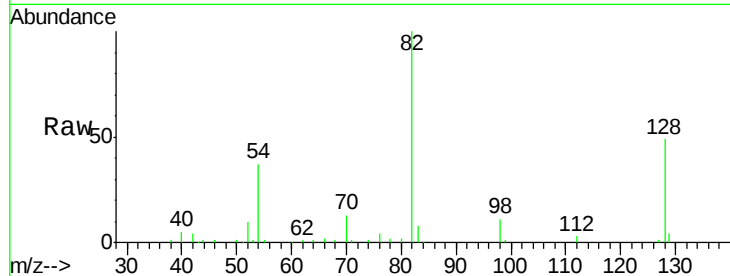




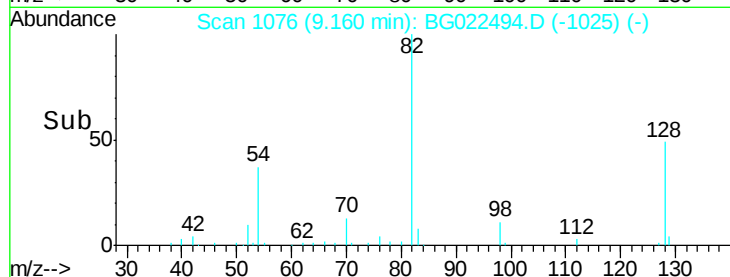
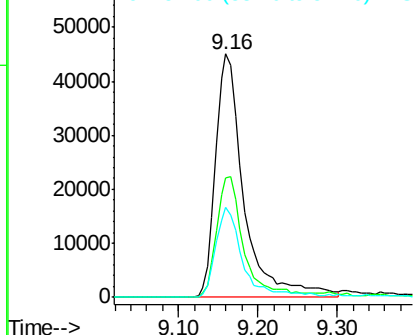
#23
Nitrobenzene-d5
Concen: 90.92 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG022494.D
Acq: 22 Jun 2016 10:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 112009
Ion Ratio Lower Upper
82 100
128 49.3 33.4 50.0
54 37.2 46.1 69.1#

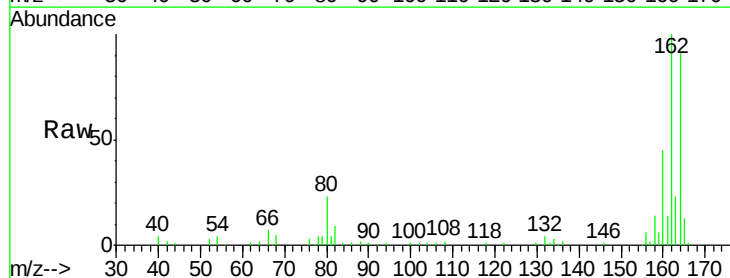


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

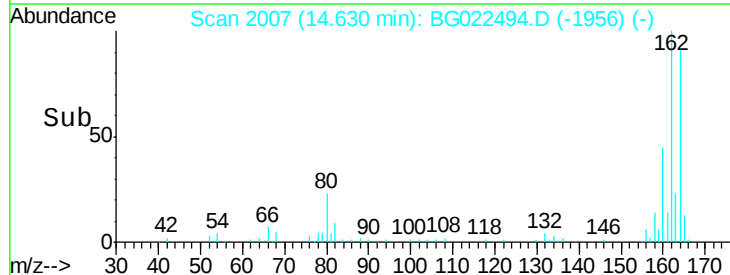
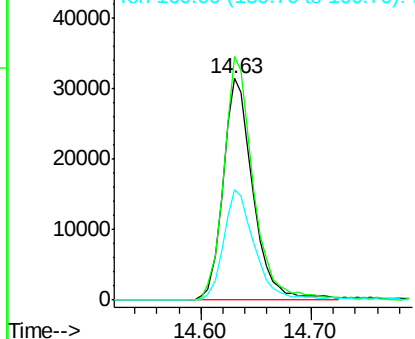


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG022494.D
Acq: 22 Jun 2016 10:14

Tgt Ion:164 Resp: 59425
Ion Ratio Lower Upper
164 100
162 109.8 78.0 117.0
160 49.9 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: 100.40 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG022494.D

Acq: 22 Jun 2016 10:14

Instrument :

BNA_G

ClientSampleId :

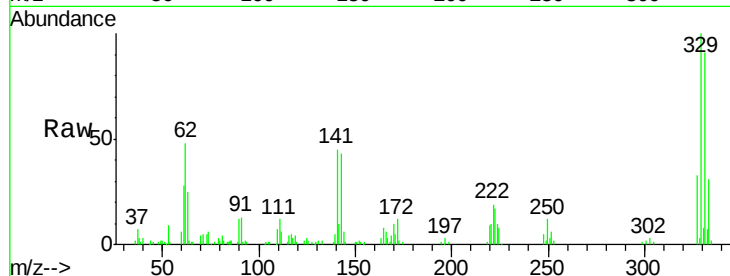
Tot Ion:330 Resp: 67419

Ion Ratio Lower Upper

330 100

332 87.3 78.0 117.0

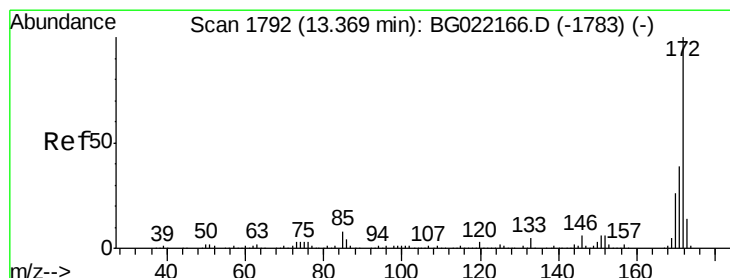
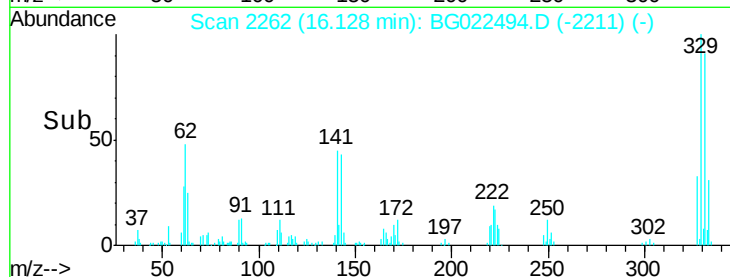
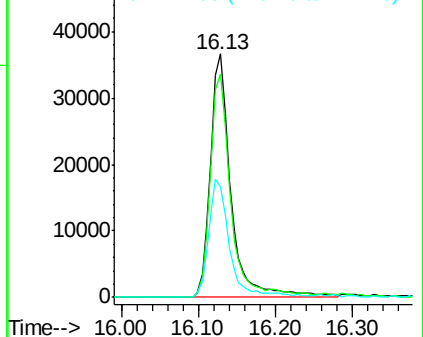
141 48.8 33.8 50.8



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: 84.98 ng

RT: 13.25 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG022494.D

Acq: 22 Jun 2016 10:14

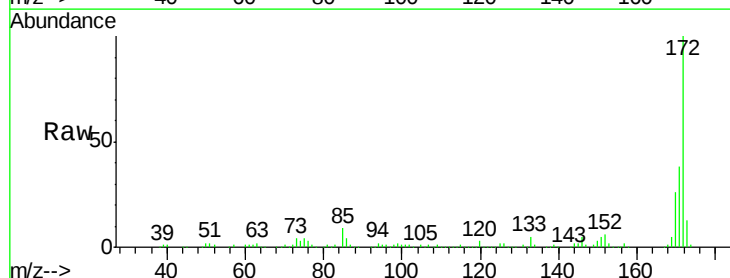
Tgt Ion:172 Resp: 331367

Ion Ratio Lower Upper

172 100

171 37.6 27.8 41.6

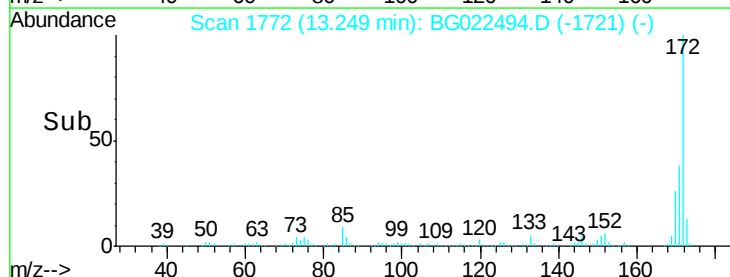
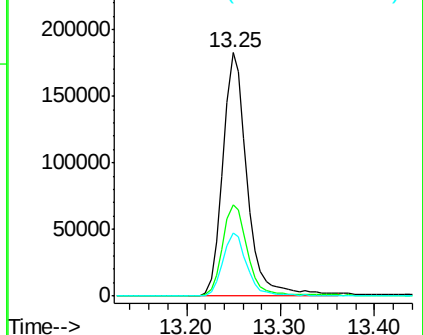
170 26.1 19.6 29.4

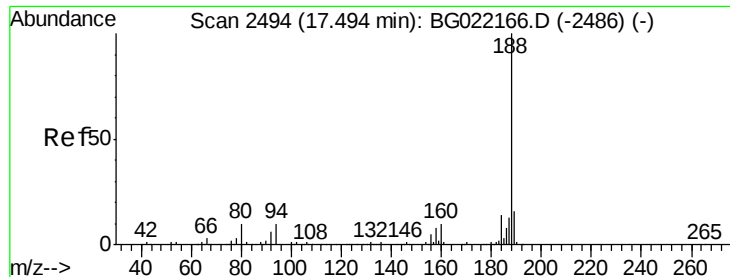


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

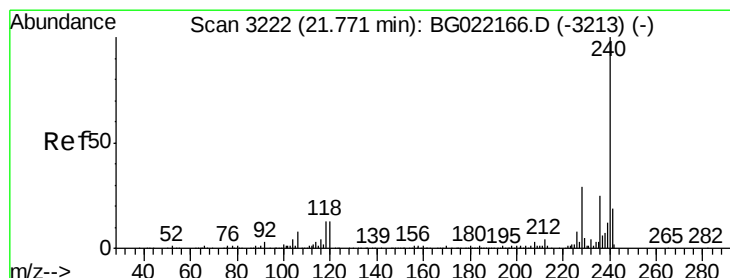
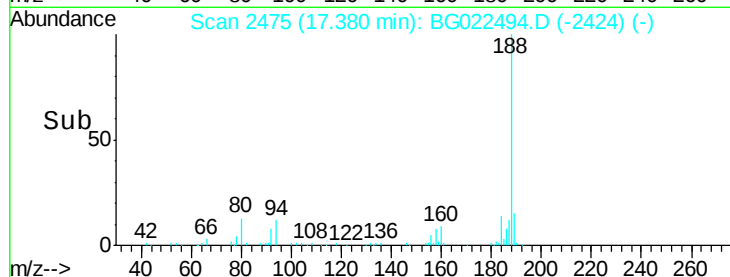
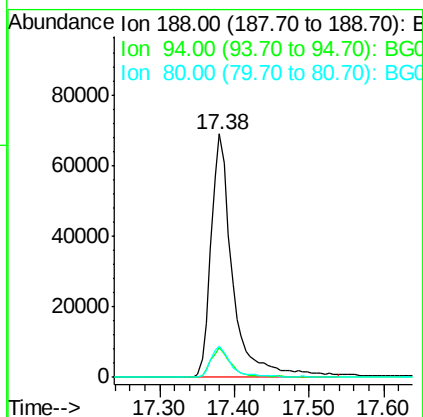
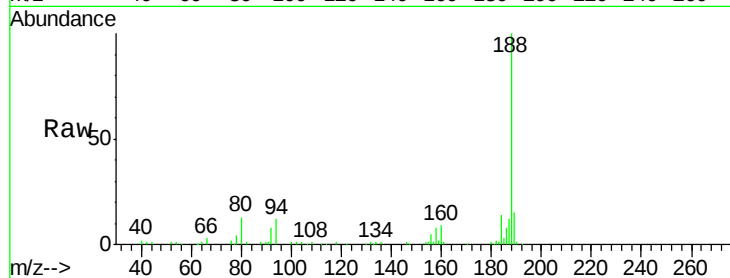




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022494.D
Acq: 22 Jun 2016 10:14

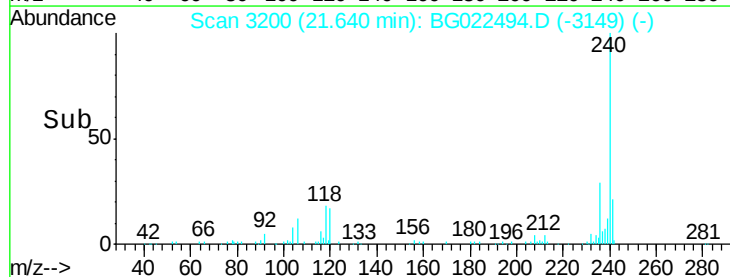
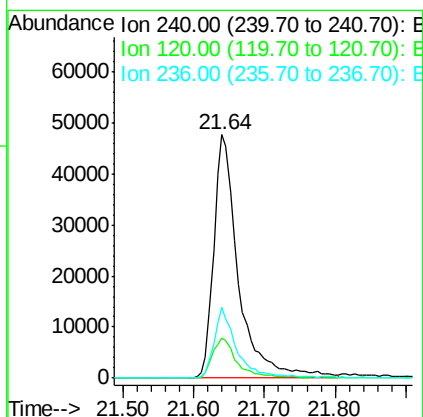
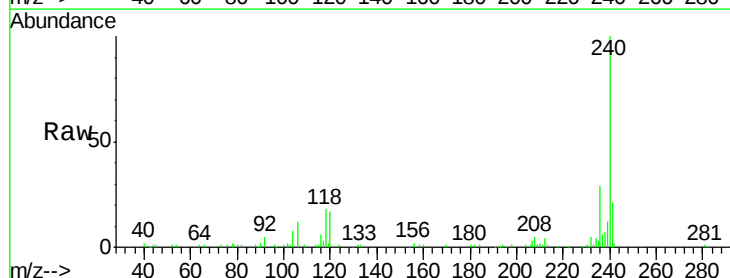
Instrument :
BNA_G
ClientSampleId :

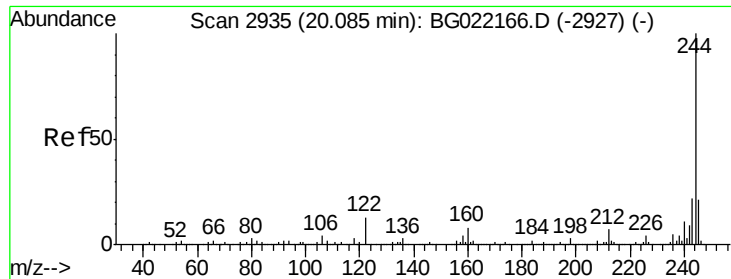
Tot Ion:188 Resp: 139017
Ion Ratio Lower Upper
188 100
94 12.4 7.5 11.3#
80 12.9 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. -0.00 min
Lab File: BG022494.D
Acq: 22 Jun 2016 10:14

Tgt Ion:240 Resp: 116550
Ion Ratio Lower Upper
240 100
120 16.5 8.4 12.6#
236 28.9 19.6 29.4

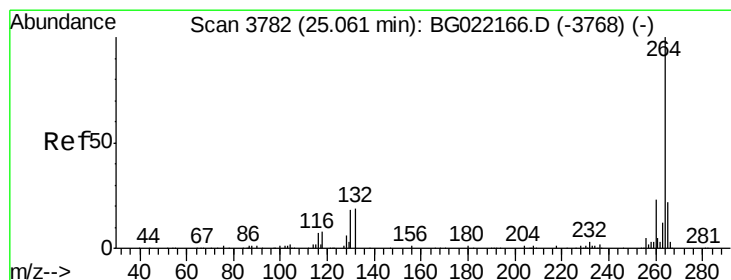
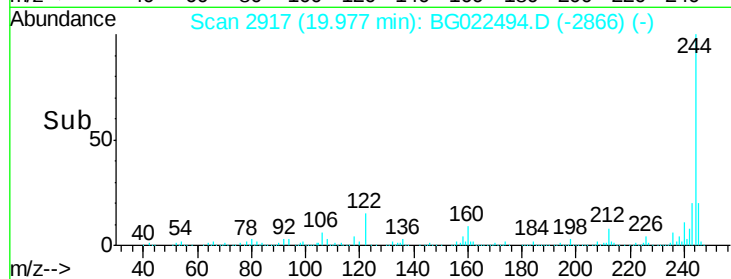
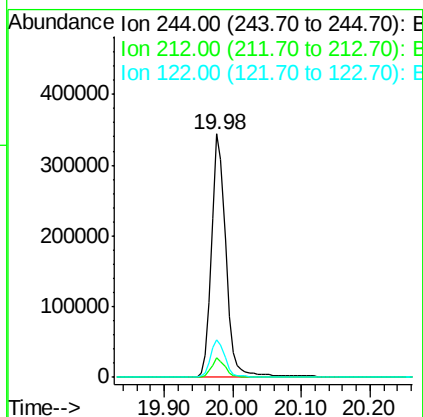
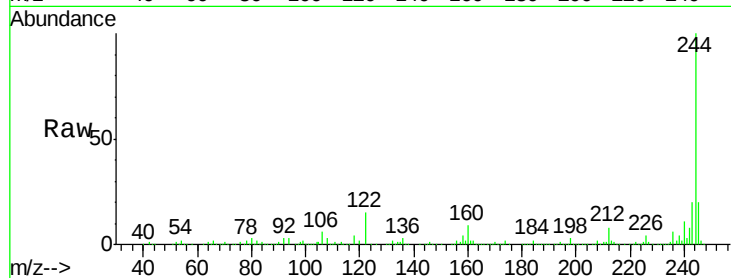




#78
 Terphenyl-d14
 Concen: 102.65 ng
 RT: 19.98 min Scan# 2917
 Delta R.T. -0.00 min
 Lab File: BG022494.D
 Acq: 22 Jun 2016 10:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 503913
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 15.4 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.84 min Scan# 3745
 Delta R.T. 0.00 min
 Lab File: BG022494.D
 Acq: 22 Jun 2016 10:14

Tgt Ion:264 Resp: 103827
 Ion Ratio Lower Upper
 264 100
 260 21.4 20.2 30.4
 265 22.1 17.8 26.8

