

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022495.D
 Acq On : 22 Jun 2016 10:54
 Operator : UM/SJ
 Sample : H3601-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 14:01:44 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	18239	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	83293	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	40758	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	126811	20.00	ng	0.00
75) Chrysene-d12	21.64	240	95679	20.00	ng	0.00
86) Perylene-d12	24.86	264	19279	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	145073	153.79	ng	0.00
7) Phenol-d6	7.17	99	165209	111.39	ng	-0.01
23) Nitrobenzene-d5	9.16	82	108271	90.62	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	65456	142.13	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	311632	116.52	ng	0.00
78) Terphenyl-d14	19.98	244	474619	117.77	ng	0.00

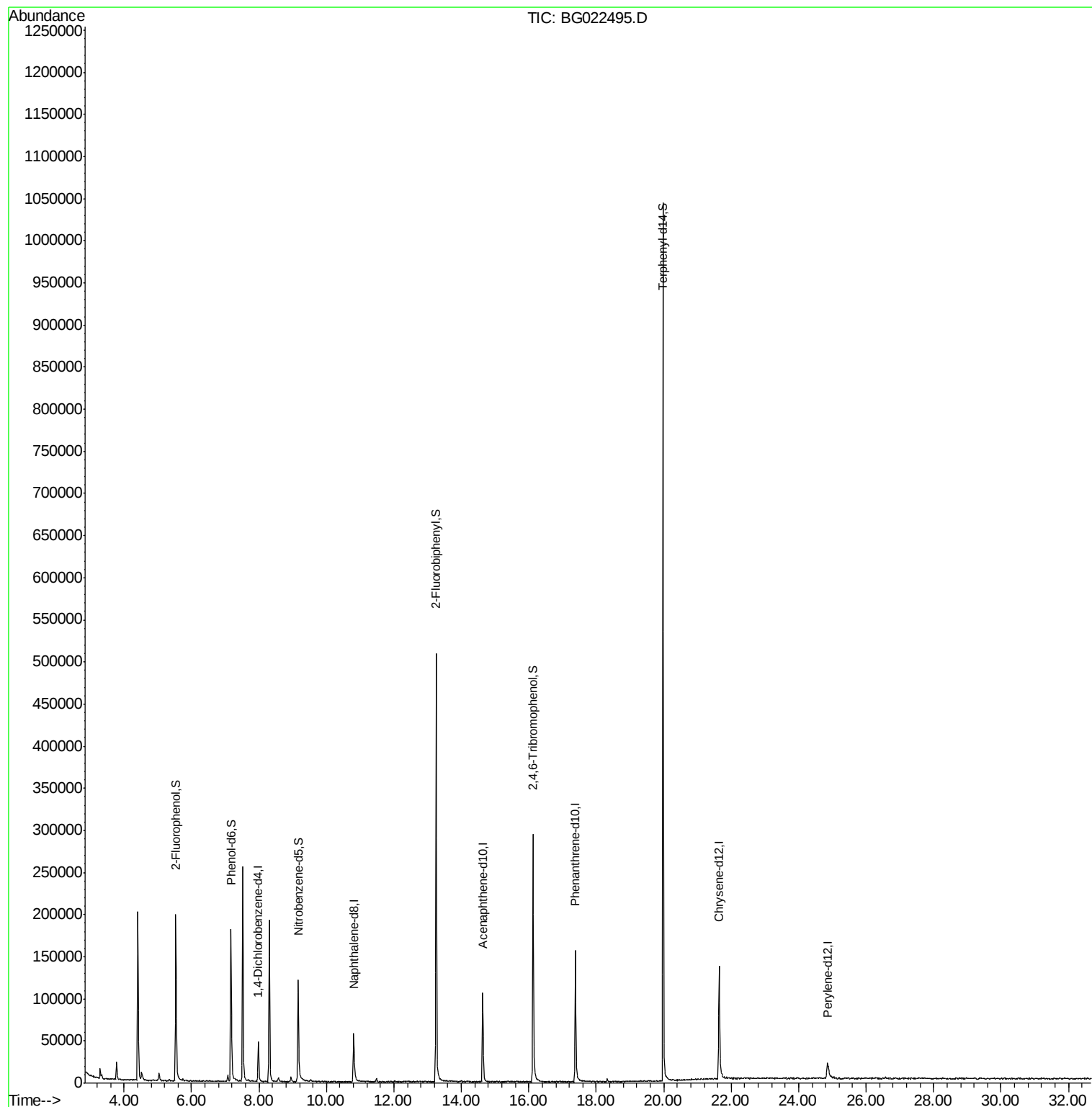
Target Compounds Qvalue

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

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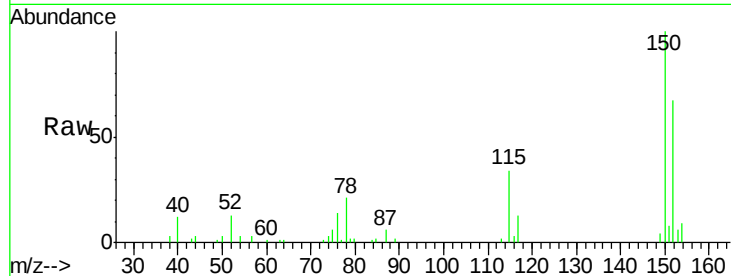


#1

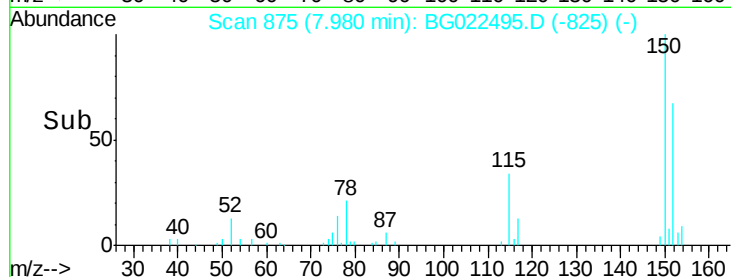
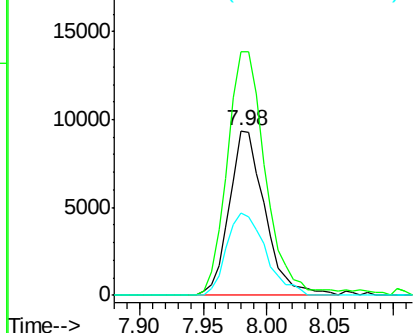
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.01 min
Lab File: BG022495.D
Acq: 22 Jun 2016 10:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 18239
Ion Ratio Lower Upper
152 100
150 148.2 130.1 195.1
115 50.2 62.2 93.2#



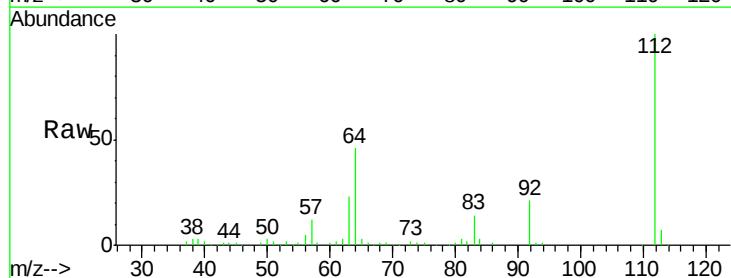
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



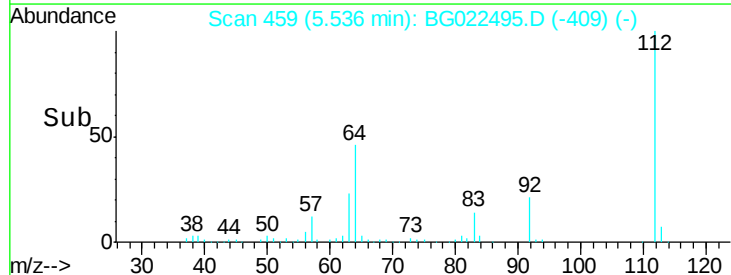
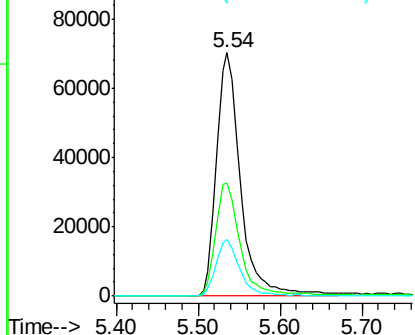
#5

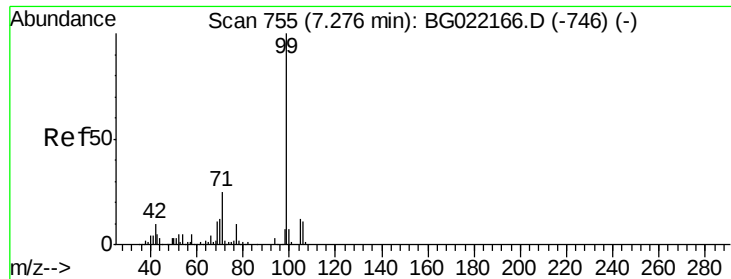
2-Fluorophenol
Concen: 153.79 ng
RT: 5.54 min Scan# 459
Delta R.T. -0.01 min
Lab File: BG022495.D
Acq: 22 Jun 2016 10:54

Tgt Ion:112 Resp: 145073
Ion Ratio Lower Upper
112 100
64 46.4 51.1 76.7#
63 23.1 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: 111.39 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG022495.D

Acq: 22 Jun 2016 10:54

Instrument :

BNA_G

ClientSampleId :

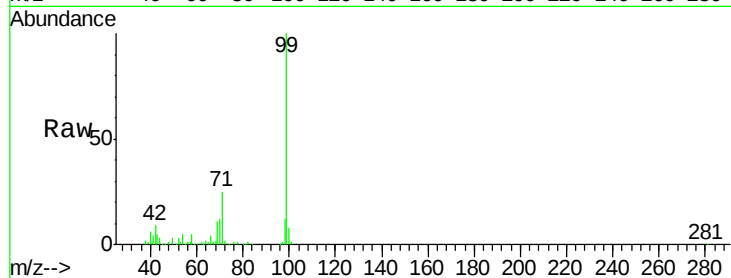
Tot Ion: 99 Resp: 165209

Ion Ratio Lower Upper

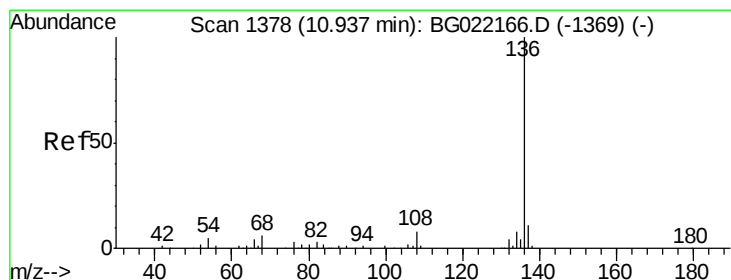
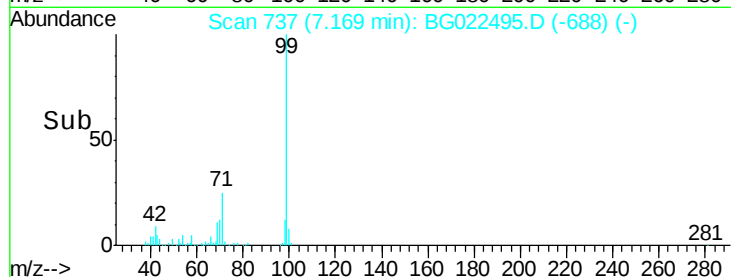
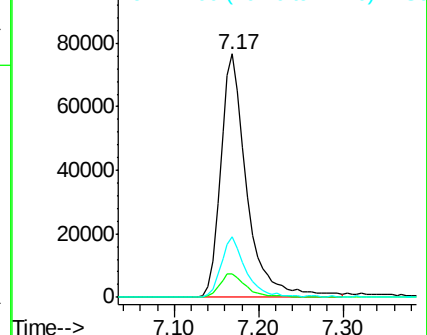
99 100

42 9.5 16.4 24.6#

71 24.9 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: BG022495.D

Acq: 22 Jun 2016 10:54

Tgt Ion: 136 Resp: 83293

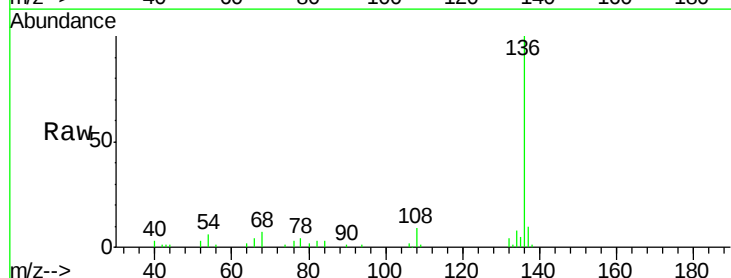
Ion Ratio Lower Upper

136 100

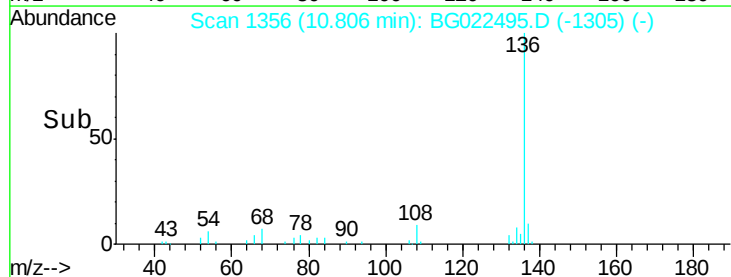
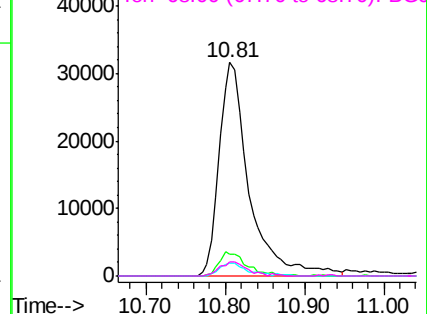
137 10.3 9.0 13.4

54 6.0 9.6 14.4#

68 6.7 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

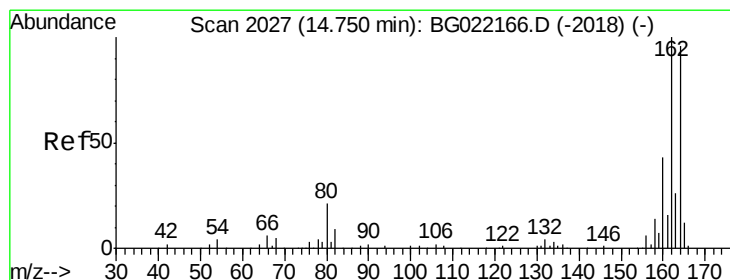
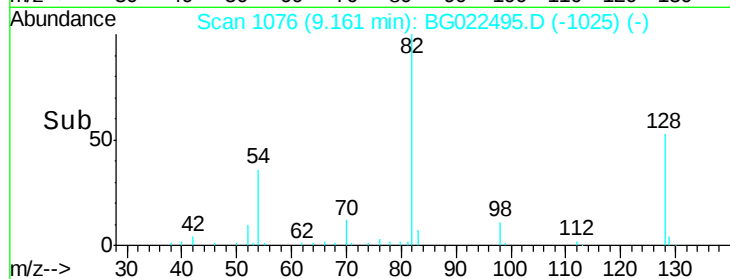
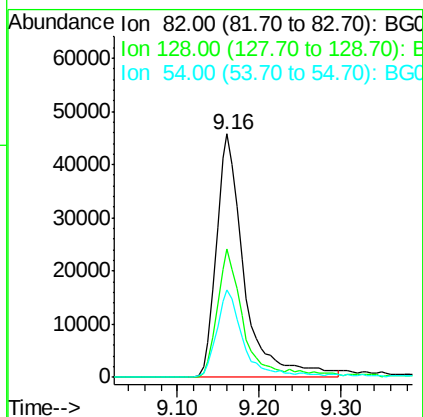
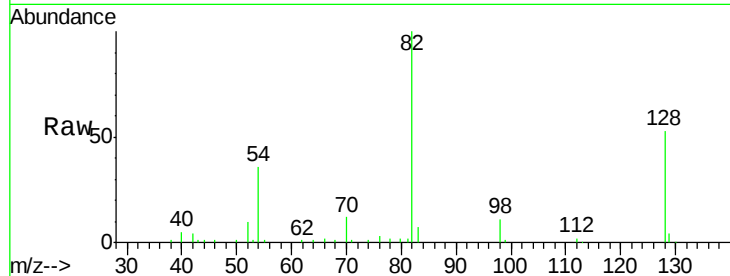




#23
Nitrobenzene-d5
Concen: 90.62 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG022495.D
Acq: 22 Jun 2016 10:54

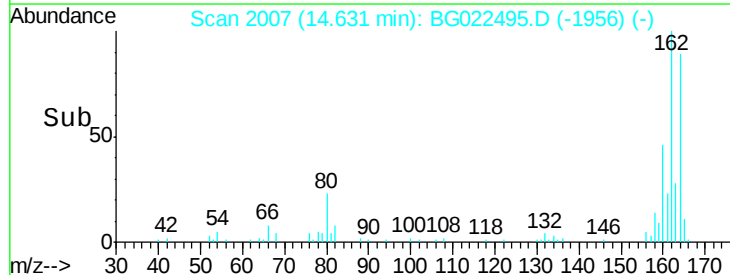
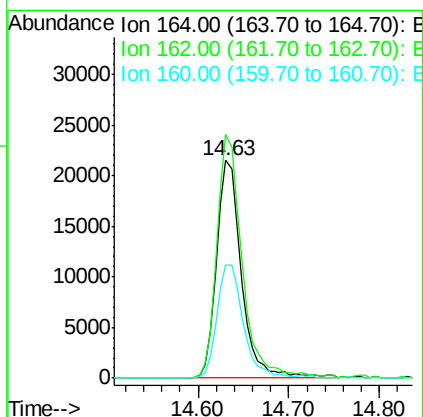
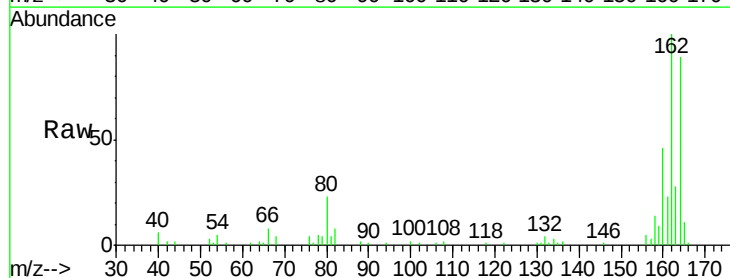
Instrument :
BNA_G
ClientSampleId :

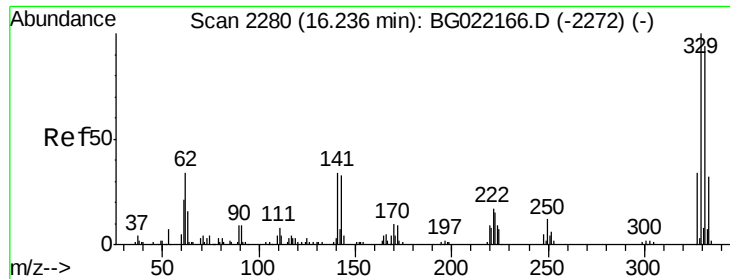
Tot Ion: 82 Resp: 108271
Ion Ratio Lower Upper
82 100
128 52.8 33.4 50.0#
54 35.9 46.1 69.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG022495.D
Acq: 22 Jun 2016 10:54

Tgt Ion:164 Resp: 40758
Ion Ratio Lower Upper
164 100
162 111.8 78.0 117.0
160 51.7 32.9 49.3#

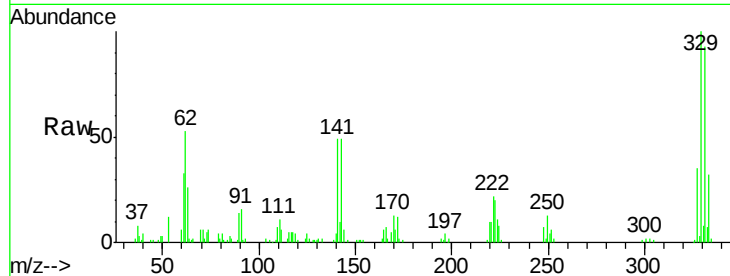




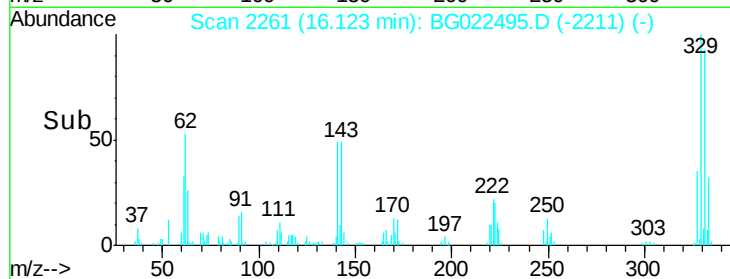
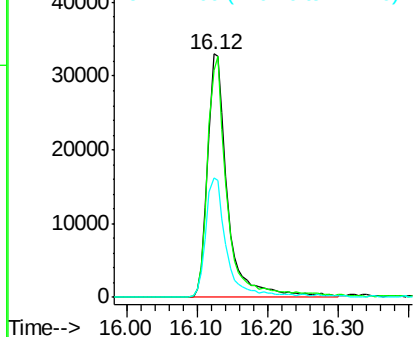
#41
 2,4,6-Tribromophenol
 Concen: 142.13 ng
 RT: 16.12 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BG022495.D
 Acq: 22 Jun 2016 10:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 65456
 Ion Ratio Lower Upper
 330 100
 332 94.0 78.0 117.0
 141 49.6 33.8 50.8

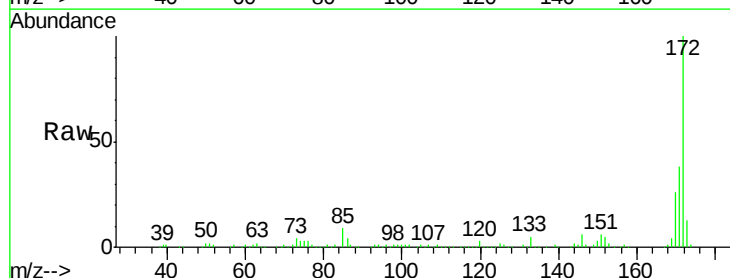


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

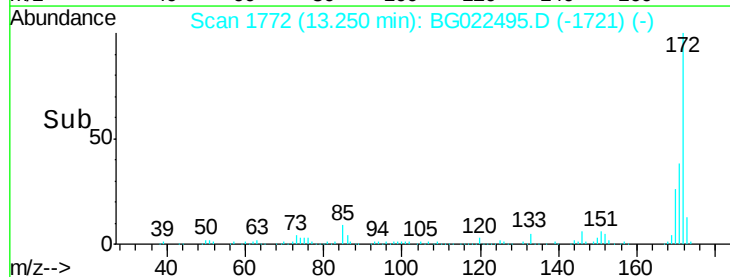
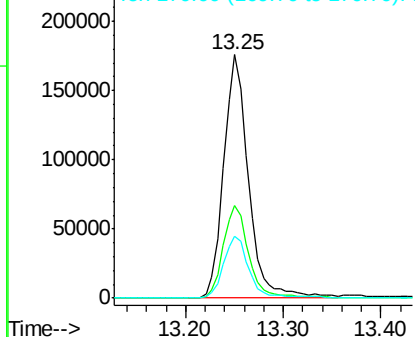


#44
 2-Fluorobiphenyl
 Concen: 116.52 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022495.D
 Acq: 22 Jun 2016 10:54

Tgt Ion:172 Resp: 311632
 Ion Ratio Lower Upper
 172 100
 171 38.1 27.8 41.6
 170 25.6 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

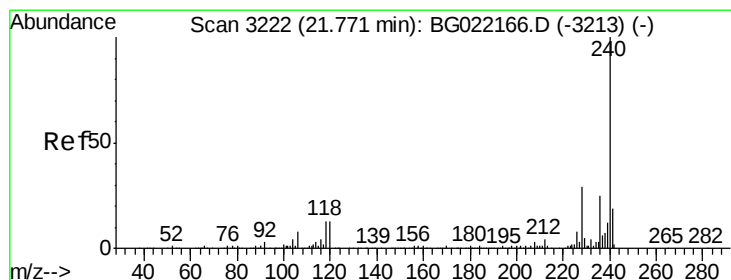
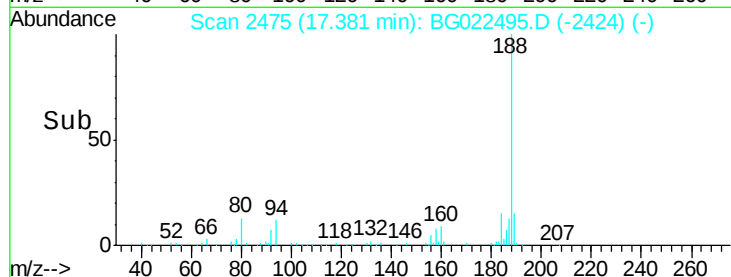
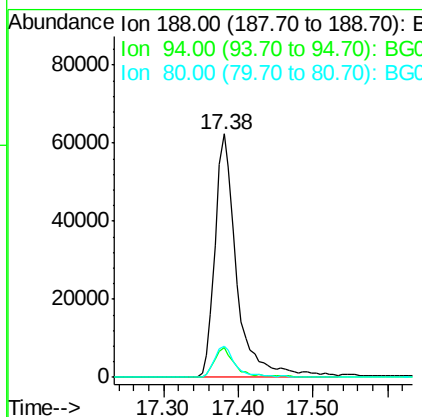
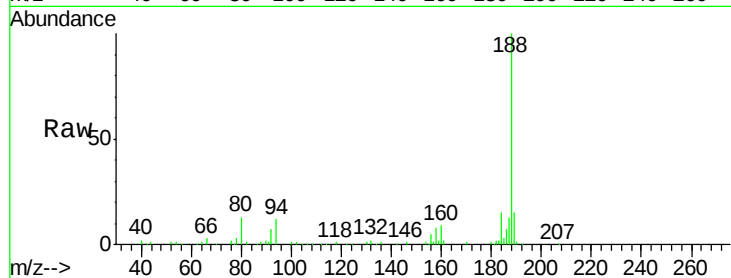




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022495.D
Acq: 22 Jun 2016 10:54

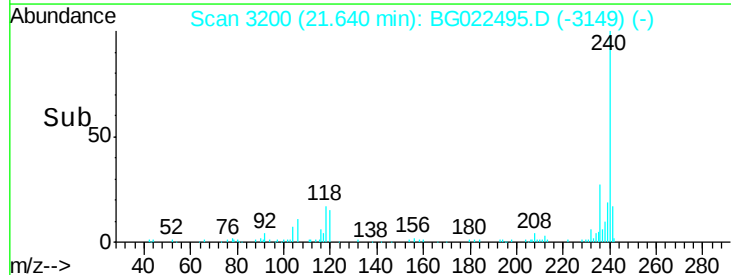
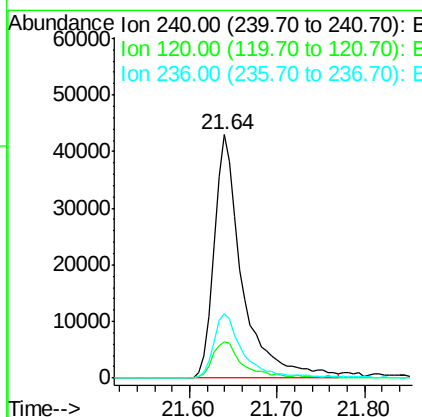
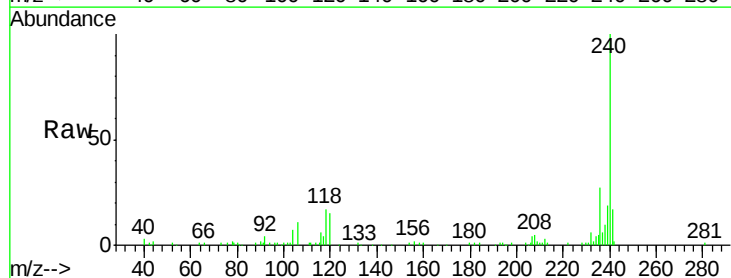
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 126811
Ion Ratio Lower Upper
188 100
94 12.3 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: BG022495.D
Acq: 22 Jun 2016 10:54

Tgt Ion:240 Resp: 95679
Ion Ratio Lower Upper
240 100
120 14.7 8.4 12.6#
236 26.6 19.6 29.4





#78

Terphenyl-d14

Concen: 117.77 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG022495.D

Acq: 22 Jun 2016 10:54

Instrument :

BNA_G

ClientSampleId :

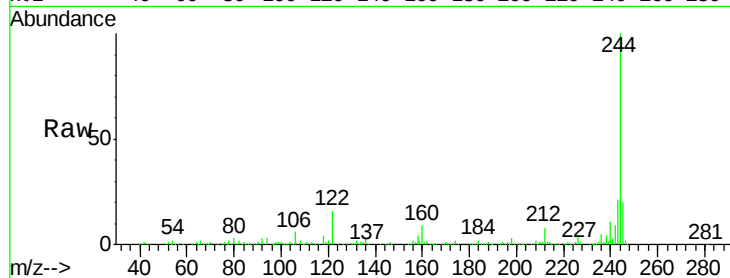
Tot Ion:244 Resp: 474619

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

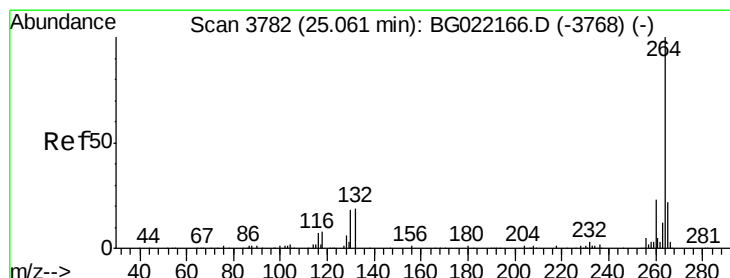
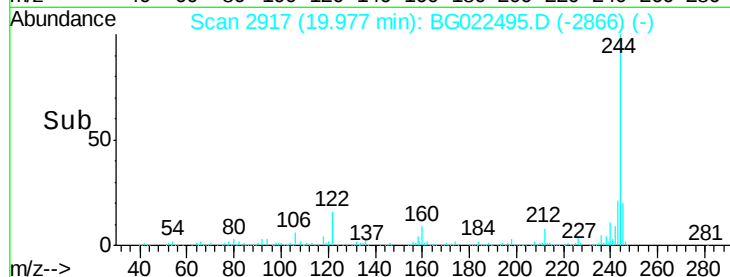
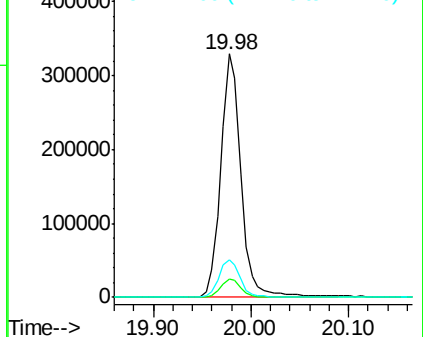
122 15.6 8.6 12.8#



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: 24.86 min Scan# 3748

Delta R.T. 0.02 min

Lab File: BG022495.D

Acq: 22 Jun 2016 10:54

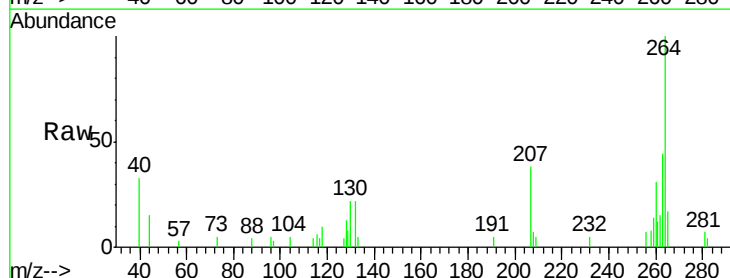
Tgt Ion:264 Resp: 19279

Ion Ratio Lower Upper

264 100

260 31.2 20.2 30.4#

265 17.3 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

