

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022173.D
 Acq On : 6 Jun 2016 17:43
 Operator : UM/SJ
 Sample : PB91111BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91111BL

Quant Time: Jun 07 03:18:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26669	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	114046	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	74275	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	181907	20.00	ng	0.00
75) Chrysene-d12	21.77	240	192310	20.00	ng	0.00
86) Perylene-d12	25.06	264	181264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	174958	126.84	ng	0.00
7) Phenol-d6	7.28	99	242274	111.71	ng	0.00
23) Nitrobenzene-d5	9.29	82	117041	71.55	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	94359	112.43	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	352392	72.30	ng	0.00
78) Terphenyl-d14	20.08	244	644933	79.62	ng	0.00

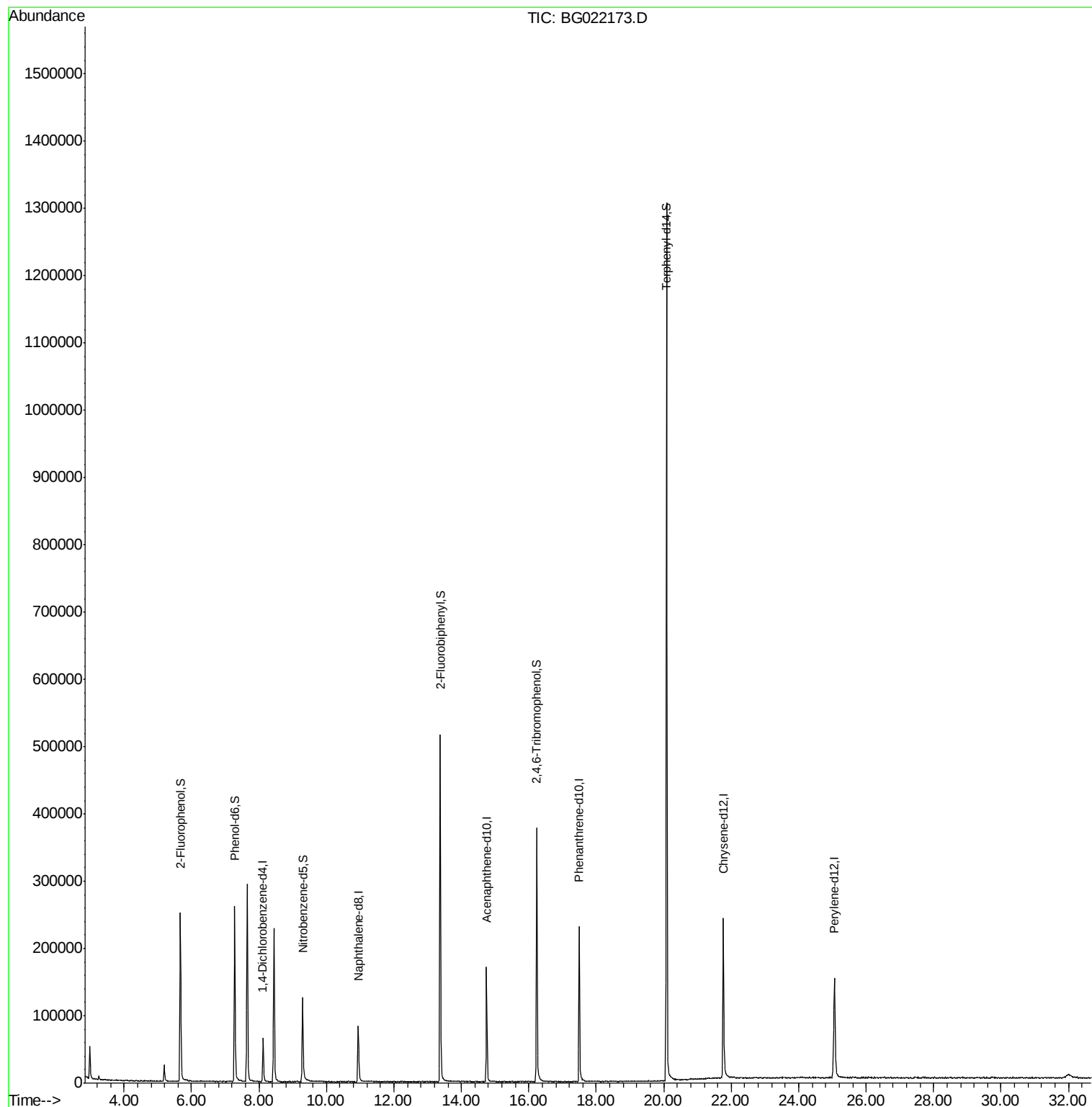
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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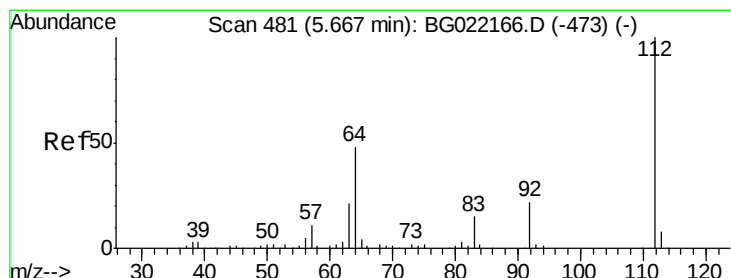
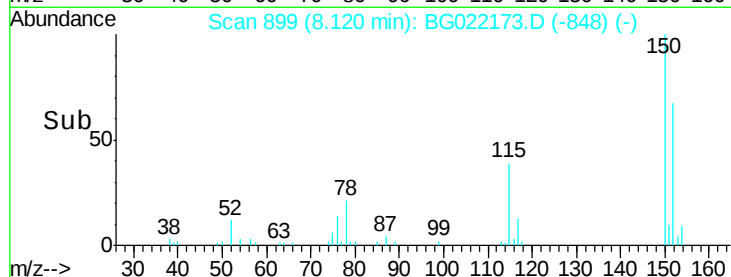
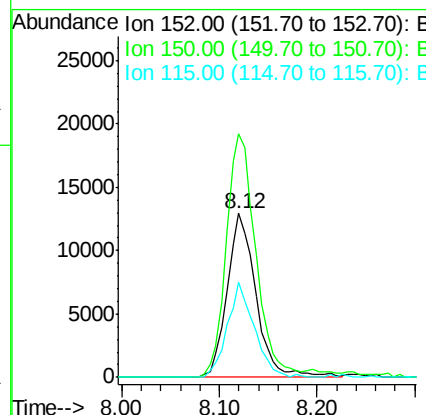
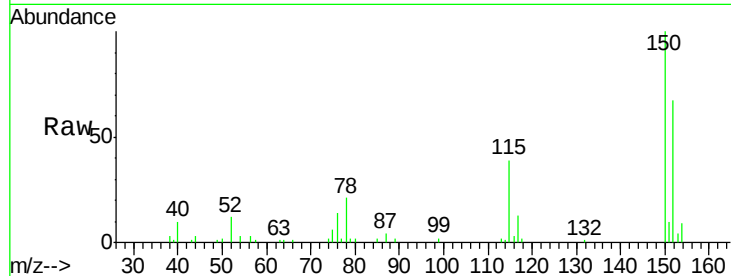


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

Instrument :
BNA_G
ClientSampleId :
PB91111BL

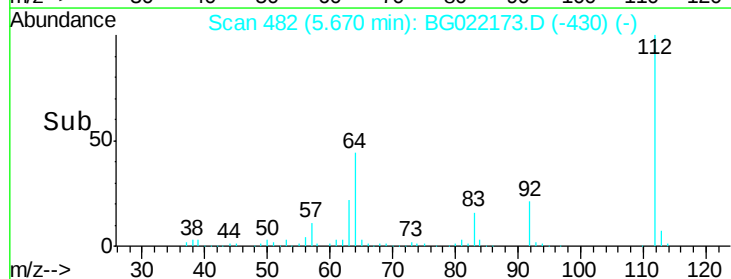
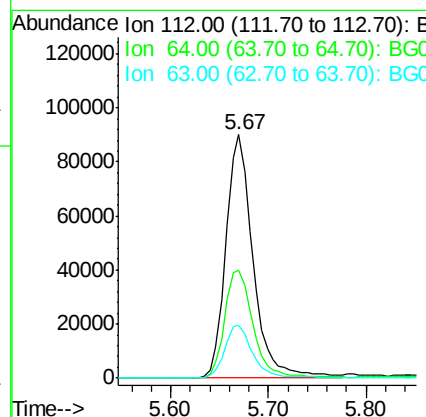
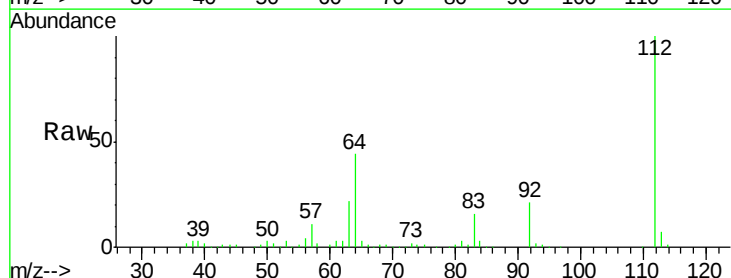
Tgt Ion:152 Resp: 26669
Ion Ratio Lower Upper
152 100
150 148.4 130.1 195.1
115 57.9 62.2 93.2#



#5

2-Fluorophenol
Concen: 126.84 ng
RT: 5.67 min Scan# 482
Delta R.T. 0.00 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

Tgt Ion:112 Resp: 174958
Ion Ratio Lower Upper
112 100
64 44.1 51.1 76.7#
63 21.5 24.6 37.0#





#7

Phenol-d6

Concen: 111.71 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

Instrument :

BNA_G

ClientSampleId :

PB91111BL

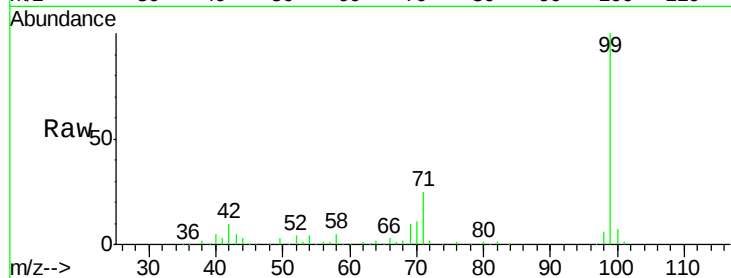
Tgt Ion: 99 Resp: 242274

Ion Ratio Lower Upper

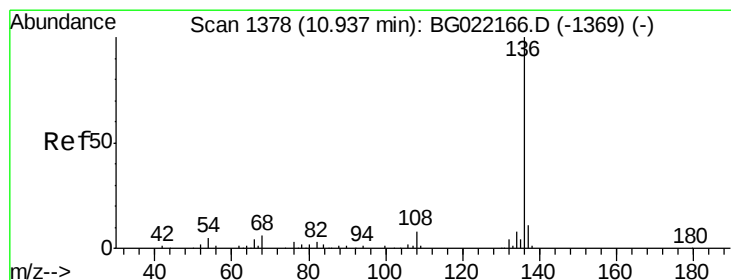
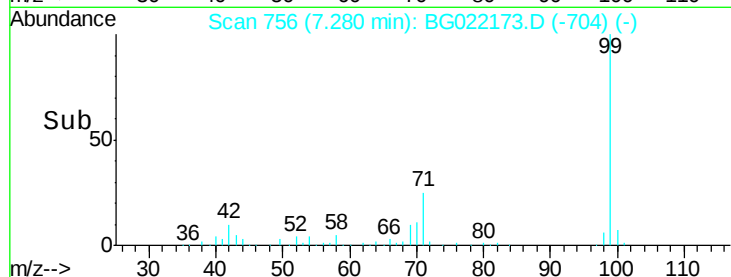
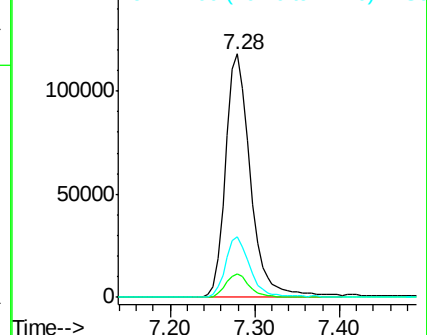
99 100

42 9.7 16.4 24.6#

71 24.8 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: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

Tgt Ion: 136 Resp: 114046

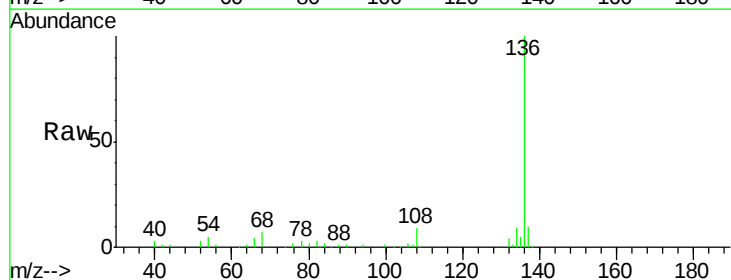
Ion Ratio Lower Upper

136 100

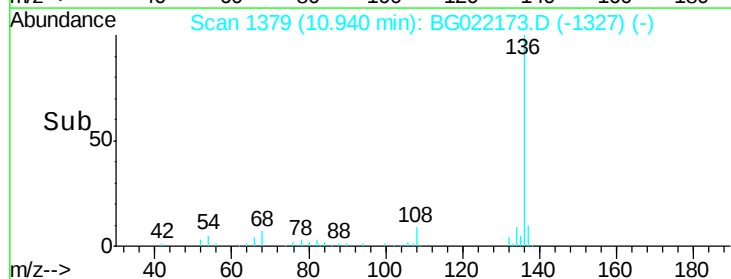
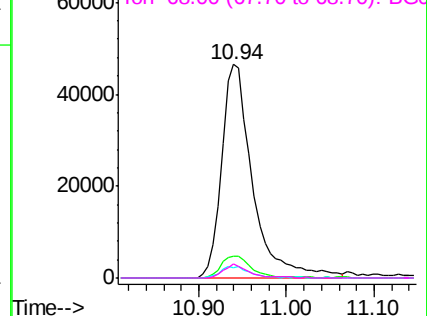
137 10.0 9.0 13.4

54 4.8 9.6 14.4#

68 6.6 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

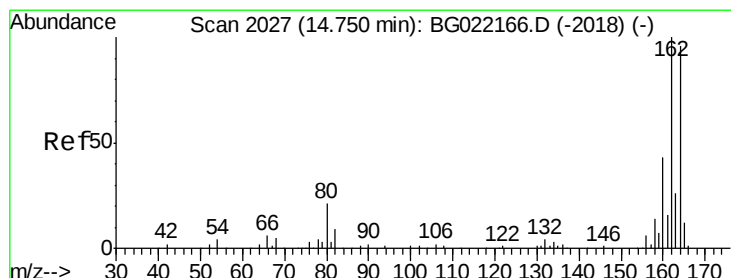
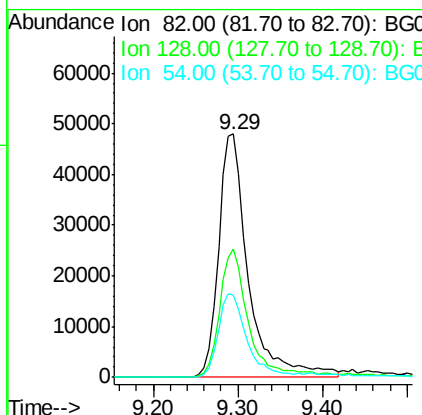
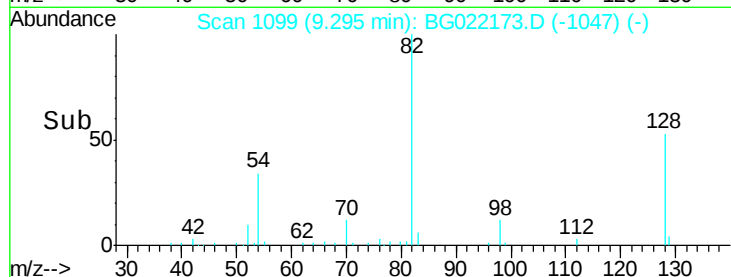
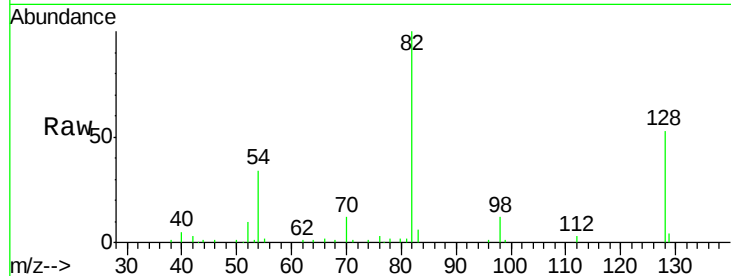




#23
 Nitrobenzene-d5
 Concen: 71.55 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

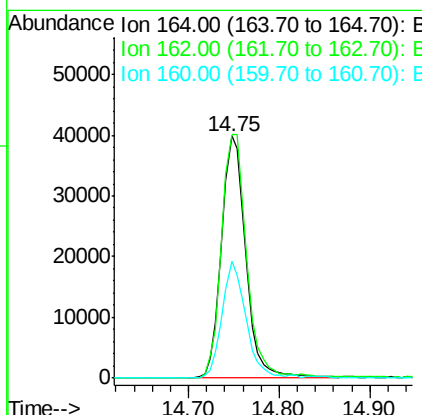
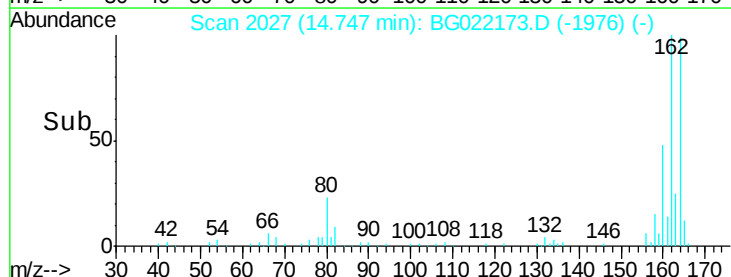
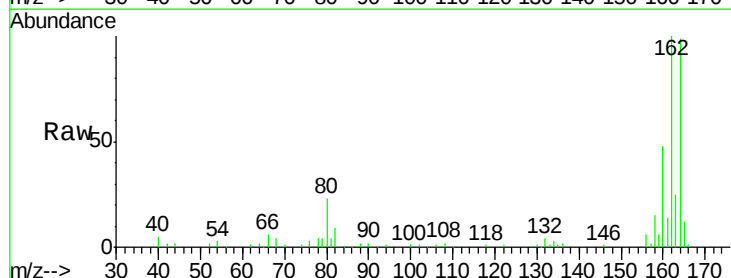
Instrument :
 BNA_G
 ClientSampleId :
 PB91111BL

Tgt Ion: 82 Resp: 117041
 Ion Ratio Lower Upper
 82 100
 128 52.9 33.4 50.0#
 54 33.8 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Tgt Ion: 164 Resp: 74275
 Ion Ratio Lower Upper
 164 100
 162 100.6 78.0 117.0
 160 48.4 32.9 49.3

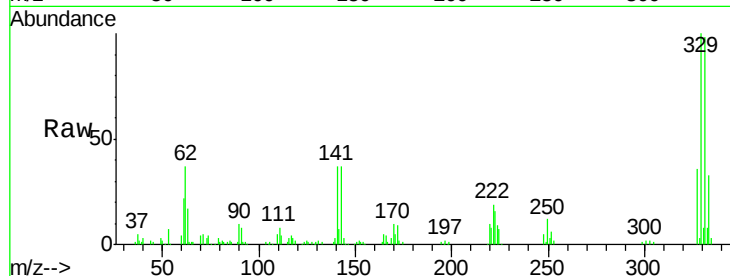




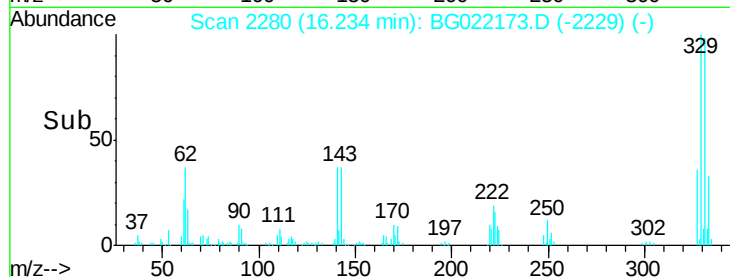
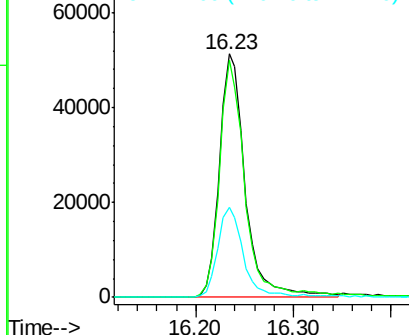
#41
 2,4,6-Tribromophenol
 Concen: 112.43 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Instrument :
 BNA_G
 ClientSampleId :
 PB91111BL

Tgt Ion:330 Resp: 94359
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.0 117.0
 141 36.1 33.8 50.8

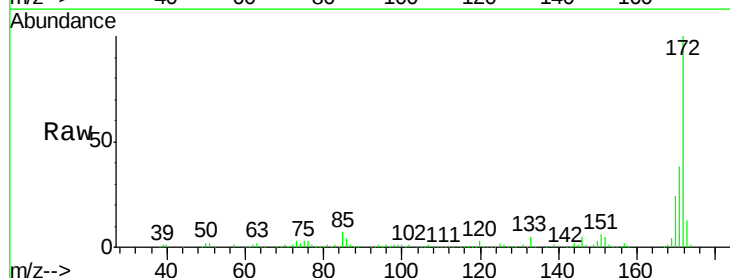


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

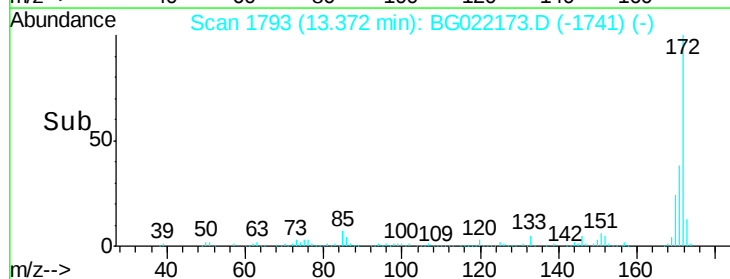
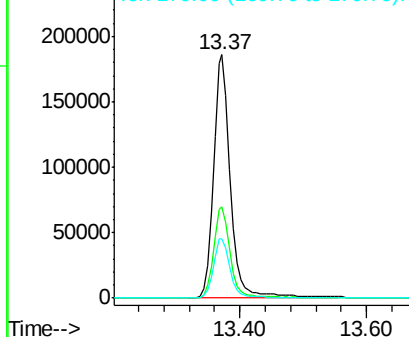


#44
 2-Fluorobiphenyl
 Concen: 72.30 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022173.D
 Acq: 6 Jun 2016 17:43

Tgt Ion:172 Resp: 352392
 Ion Ratio Lower Upper
 172 100
 171 37.6 27.8 41.6
 170 24.4 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

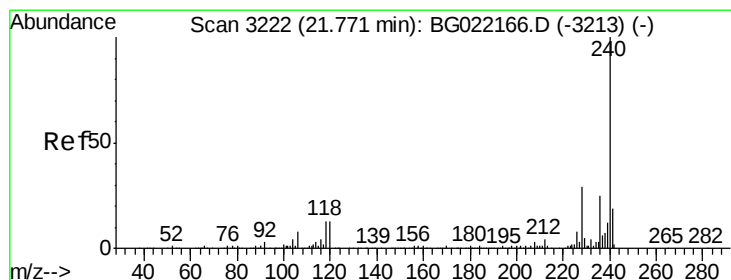
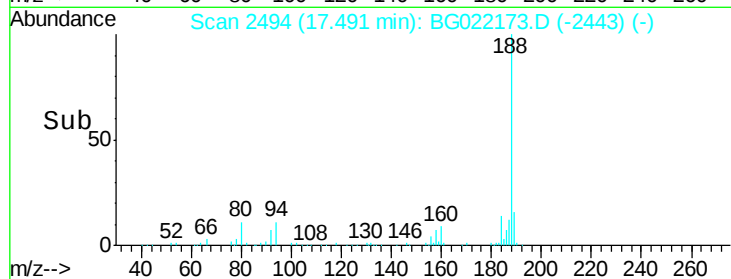
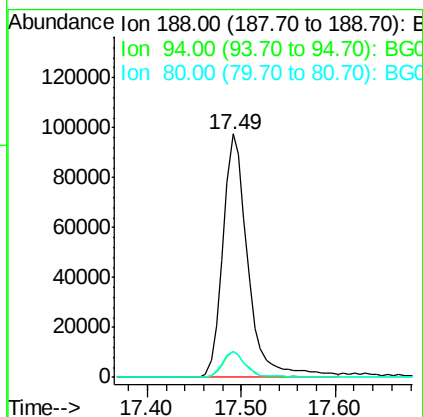
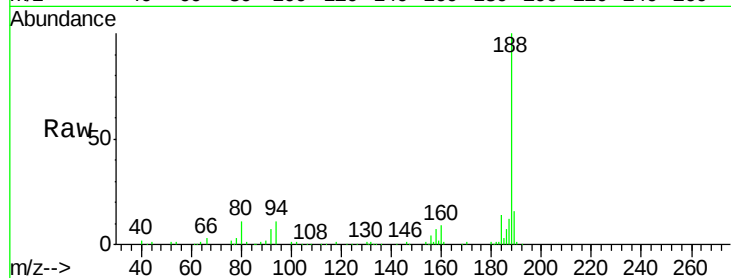




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

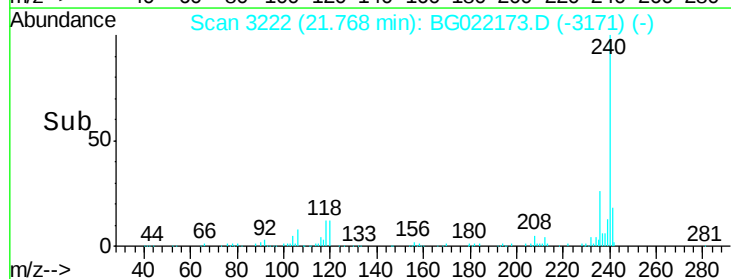
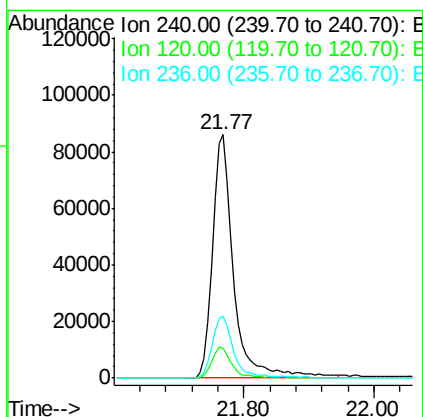
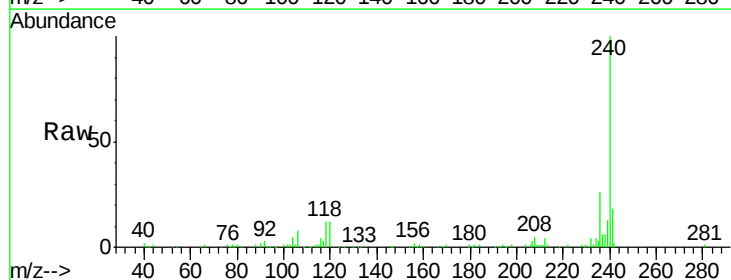
Instrument :
BNA_G
ClientSampleId :
PB91111BL

Tgt Ion:188 Resp: 181907
Ion Ratio Lower Upper
188 100
94 10.8 7.5 11.3
80 10.8 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG022173.D
Acq: 6 Jun 2016 17:43

Tgt Ion:240 Resp: 192310
Ion Ratio Lower Upper
240 100
120 12.4 8.4 12.6
236 25.5 19.6 29.4





#78

Terphenyl-d14

Concen: 79.62 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

Instrument :

BNA_G

ClientSampleId :

PB91111BL

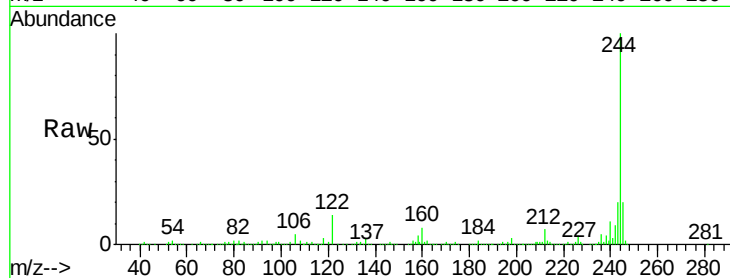
Tgt Ion:244 Resp: 644933

Ion Ratio Lower Upper

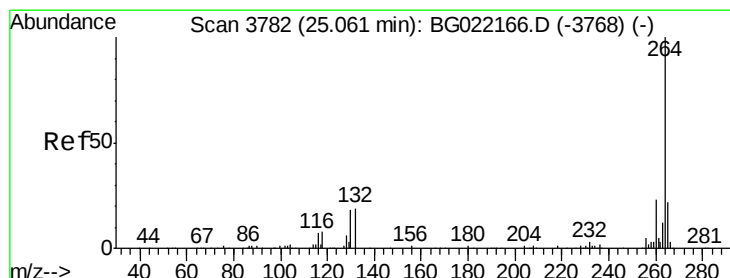
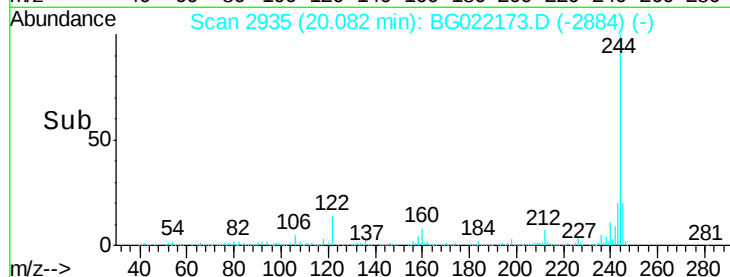
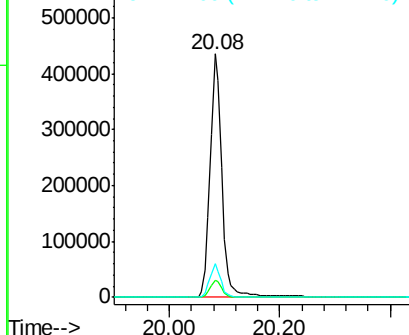
244 100

212 7.3 6.5 9.7

122 13.8 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: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022173.D

Acq: 6 Jun 2016 17:43

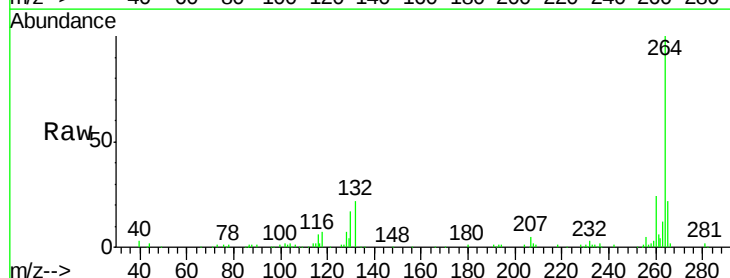
Tgt Ion:264 Resp: 181264

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.4

265 21.9 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

