

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022476.D
 Acq On : 21 Jun 2016 21:34
 Operator : UM/SJ
 Sample : PB91508BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91508BL

Quant Time: Jun 22 01:48:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	18253	20.00	ng	-0.10
21) Naphthalene-d8	10.81	136	90730	20.00	ng	-0.10
38) Acenaphthene-d10	14.63	164	62608	20.00	ng	-0.09
63) Phenanthrene-d10	17.38	188	145241	20.00	ng	-0.09
75) Chrysene-d12	21.64	240	118736	20.00	ng	-0.10
86) Perylene-d12	24.84	264	104971	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	133918	141.85	ng	-0.10
7) Phenol-d6	7.17	99	183934	123.92	ng	-0.08
23) Nitrobenzene-d5	9.16	82	95204	73.16	ng	-0.10
41) 2,4,6-Tribromophenol	16.13	330	59973	84.77	ng	-0.09
44) 2-Fluorobiphenyl	13.25	172	292684	71.24	ng	-0.09
78) Terphenyl-d14	19.98	244	407515	81.48	ng	-0.08

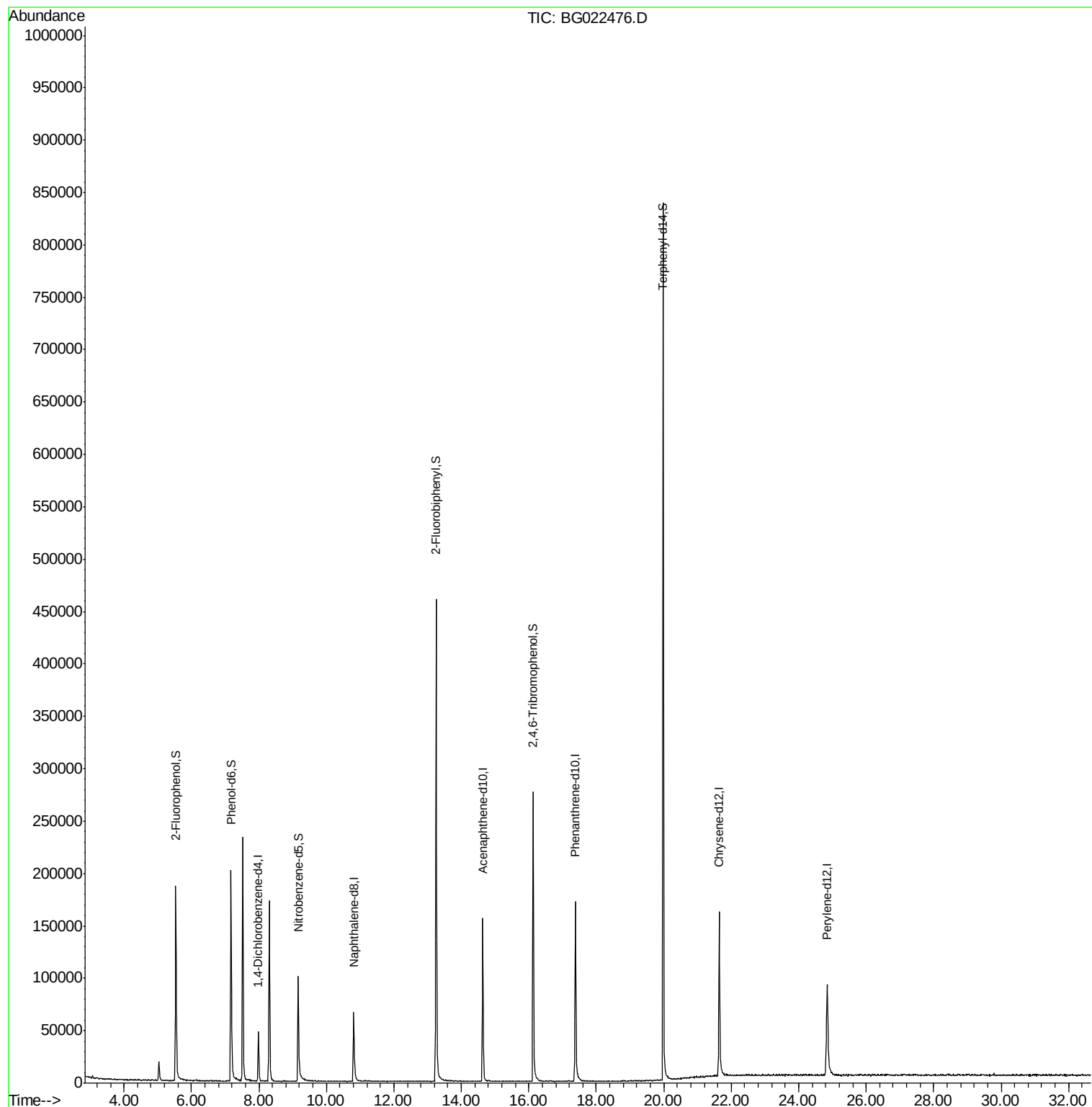
Target Compounds	Qvalue
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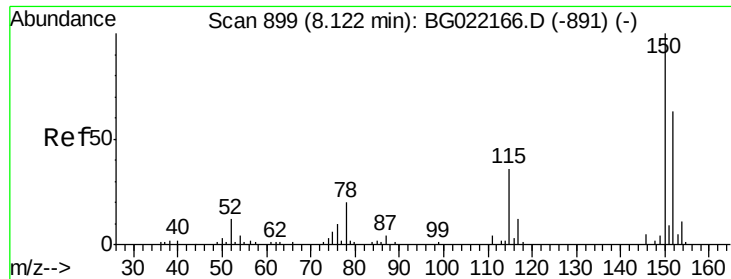
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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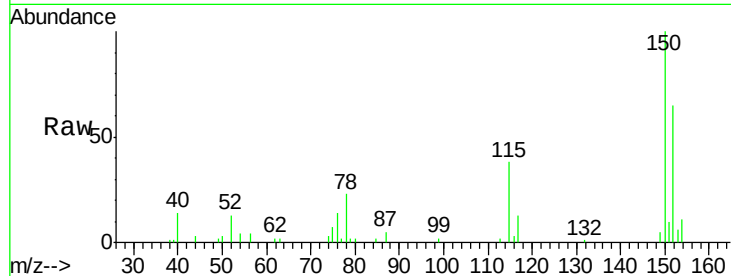


#1

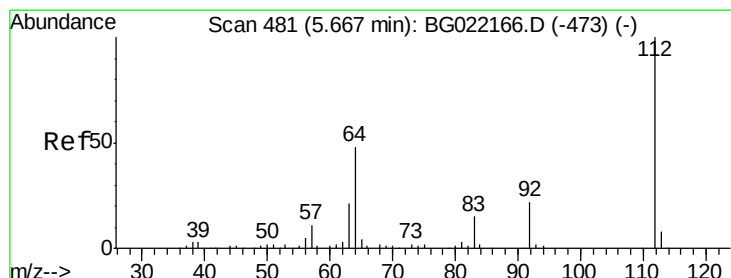
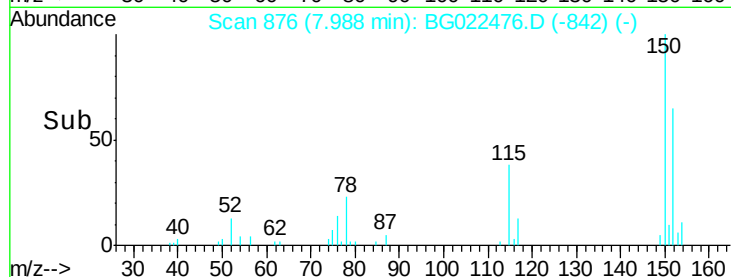
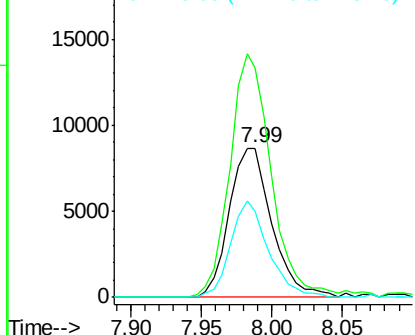
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.10 min
Lab File: BG022476.D
Acq: 21 Jun 2016 21:34

Instrument :
BNA_G
ClientSampleId :
PB91508BL

Tgt Ion:152 Resp: 18253
Ion Ratio Lower Upper
152 100
150 153.7 130.1 195.1
115 57.7 62.2 93.2#



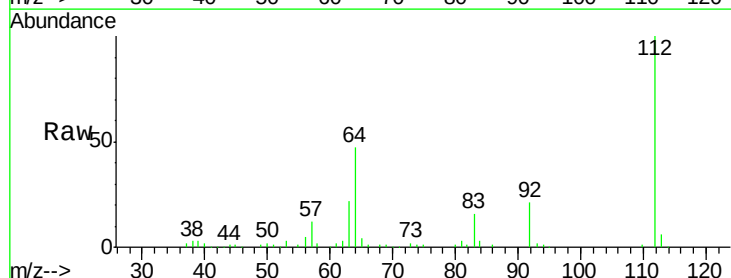
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



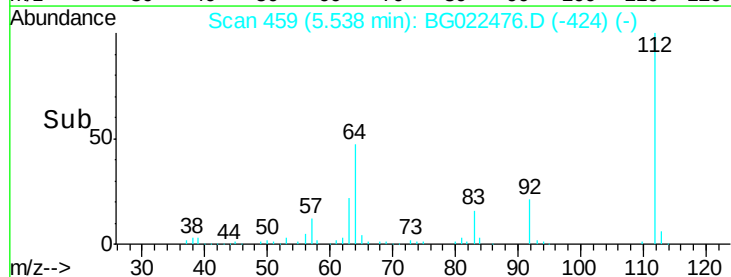
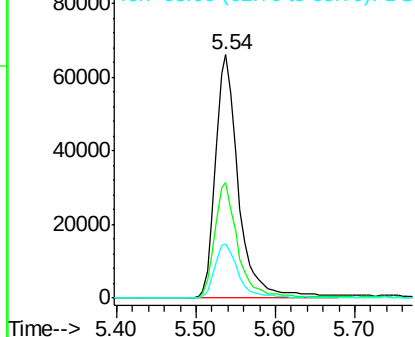
#5

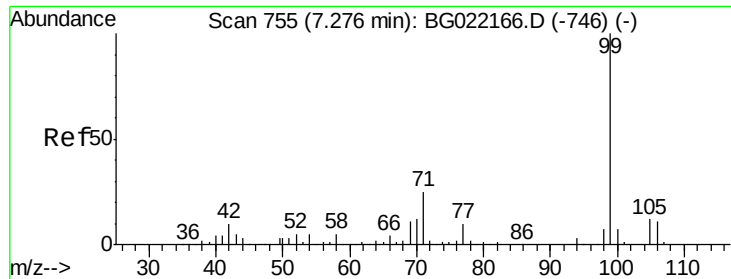
2-Fluorophenol
Concen: 141.85 ng
RT: 5.54 min Scan# 459
Delta R.T. -0.10 min
Lab File: BG022476.D
Acq: 21 Jun 2016 21:34

Tgt Ion:112 Resp: 133918
Ion Ratio Lower Upper
112 100
64 47.3 51.1 76.7#
63 22.2 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: 123.92 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.08 min

Lab File: BG022476.D

Acq: 21 Jun 2016 21:34

Instrument :

BNA_G

ClientSampleId :

PB91508BL

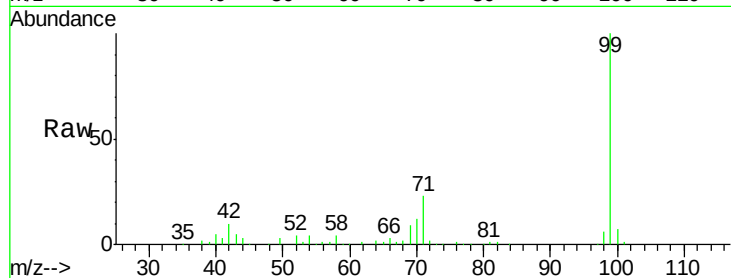
Tgt Ion: 99 Resp: 183934

Ion Ratio Lower Upper

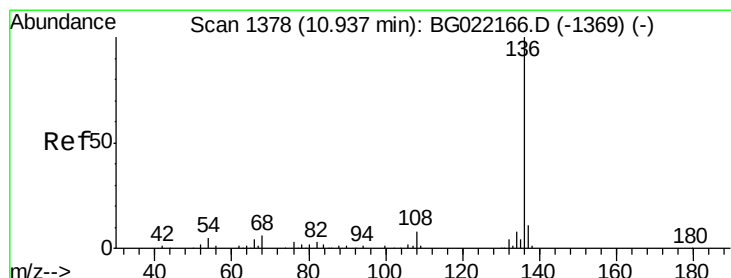
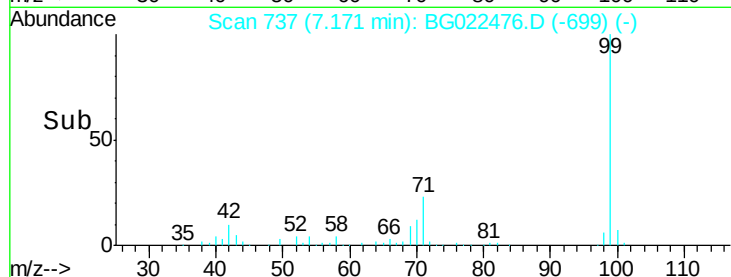
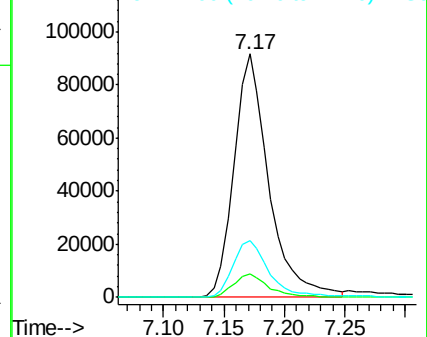
99 100

42 9.8 16.4 24.6#

71 23.2 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. -0.10 min

Lab File: BG022476.D

Acq: 21 Jun 2016 21:34

Tgt Ion: 136 Resp: 90730

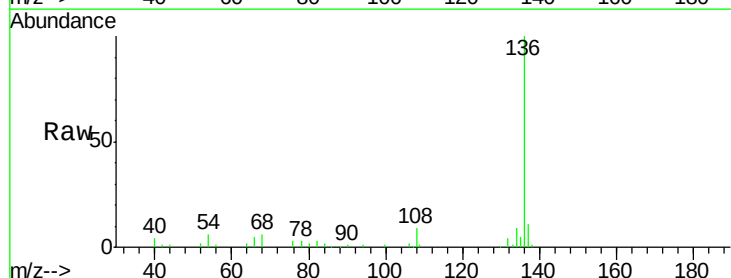
Ion Ratio Lower Upper

136 100

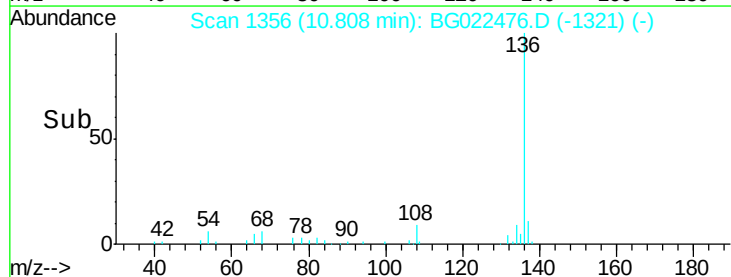
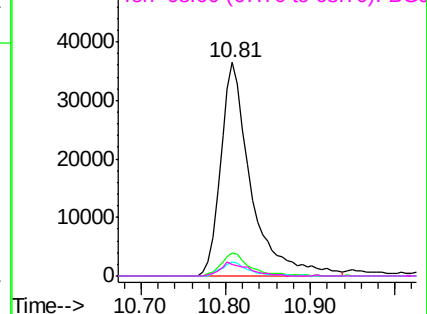
137 10.7 9.0 13.4

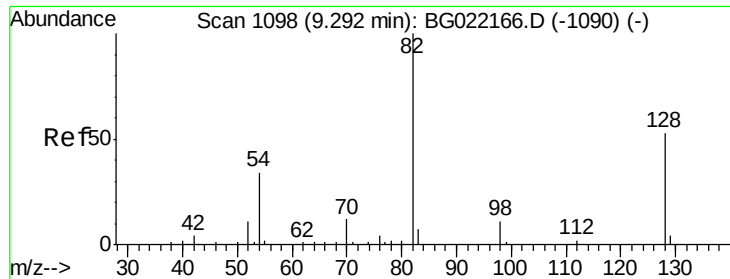
54 6.4 9.6 14.4#

68 5.7 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

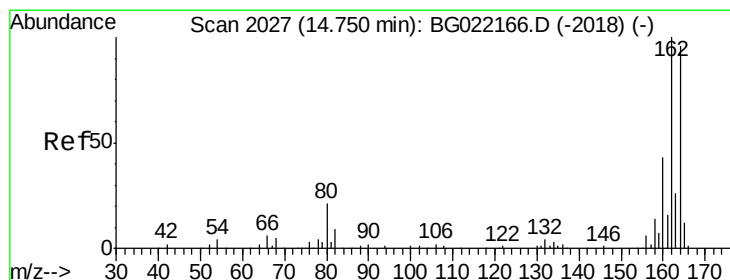
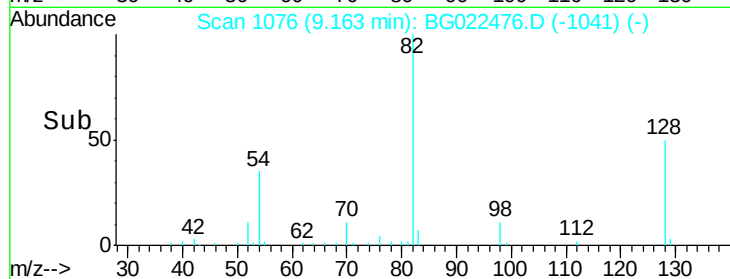
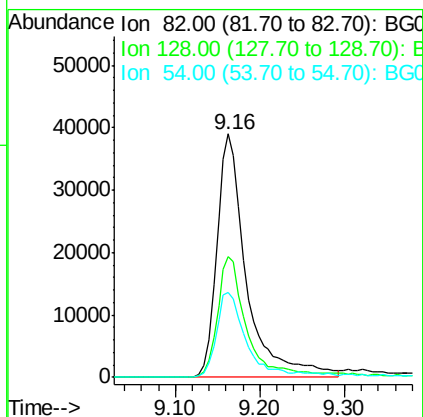
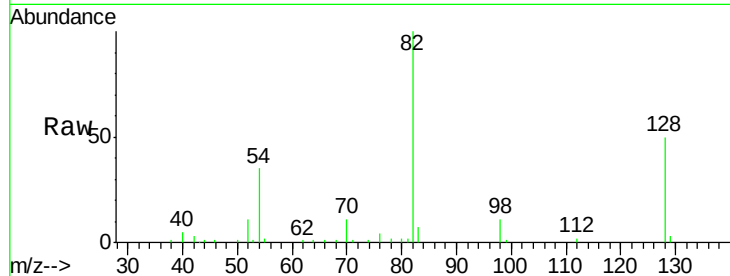




#23
 Nitrobenzene-d5
 Concen: 73.16 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.10 min
 Lab File: BG022476.D
 Acq: 21 Jun 2016 21:34

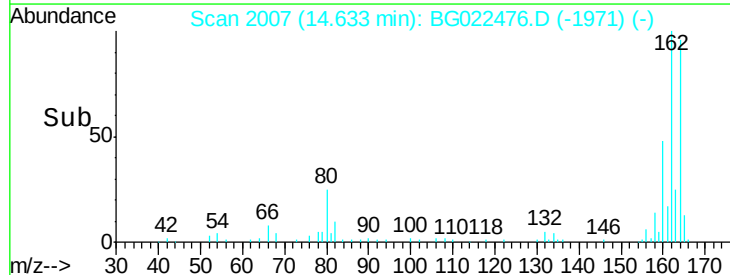
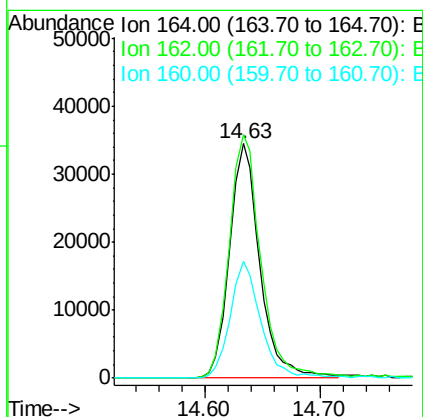
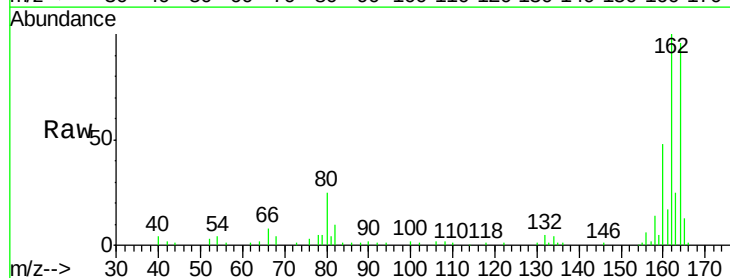
Instrument :
 BNA_G
 ClientSampleID :
 PB91508BL

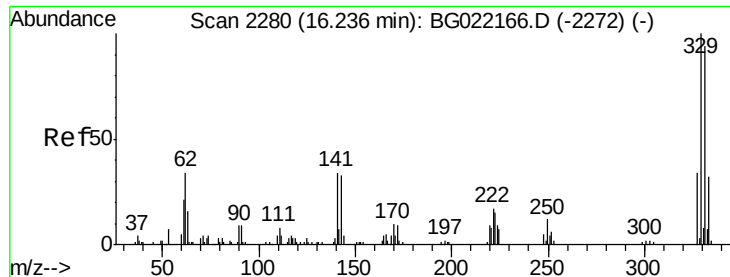
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.8	33.4	50.0
54	34.8	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.09 min
 Lab File: BG022476.D
 Acq: 21 Jun 2016 21:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.0	117.0
160	49.8	32.9	49.3#

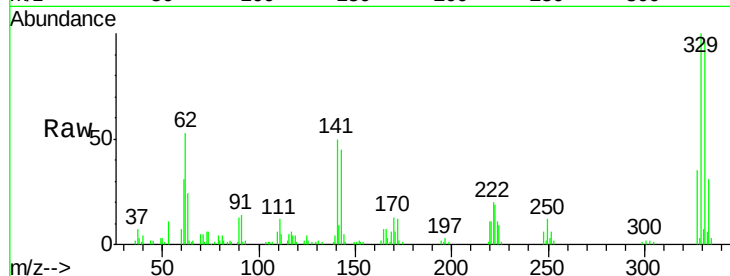




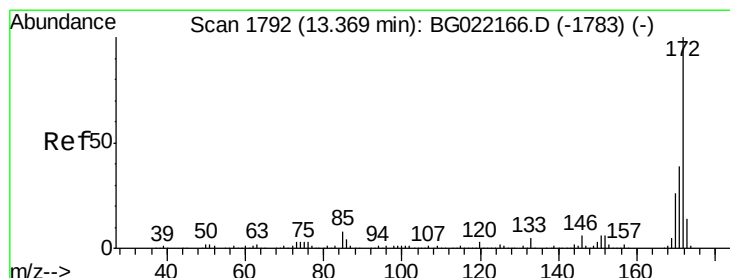
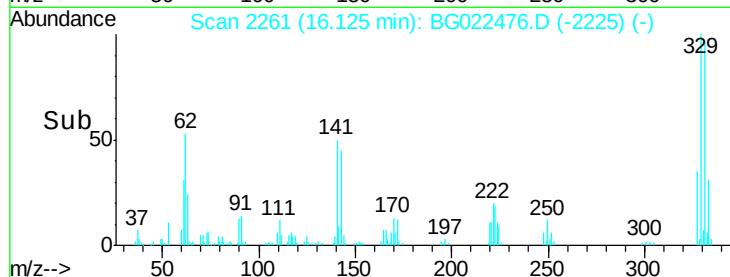
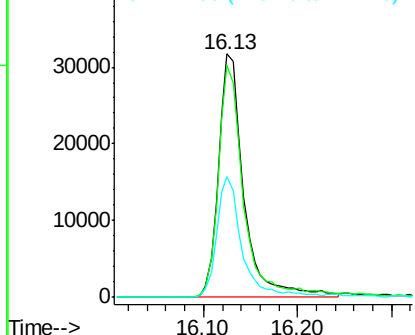
#41
 2,4,6-Tribromophenol
 Concen: 84.77 ng
 RT: 16.13 min Scan# 2261
 Delta R.T. -0.09 min
 Lab File: BG022476.D
 Acq: 21 Jun 2016 21:34

Instrument :
 BNA_G
 ClientSampleId :
 PB91508BL

Tgt Ion:330 Resp: 59973
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.0 117.0
 141 49.1 33.8 50.8

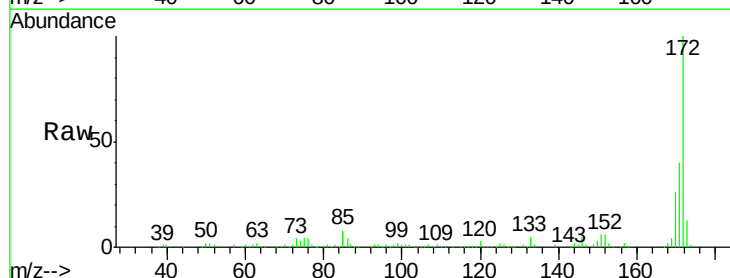


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

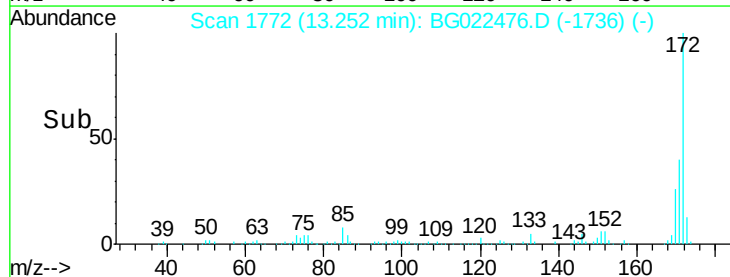
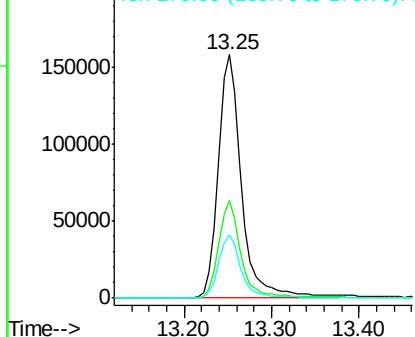


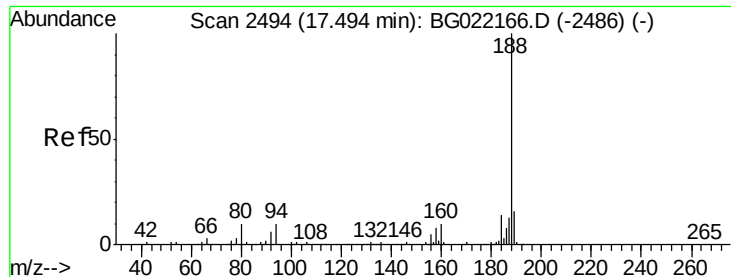
#44
 2-Fluorobiphenyl
 Concen: 71.24 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.09 min
 Lab File: BG022476.D
 Acq: 21 Jun 2016 21:34

Tgt Ion:172 Resp: 292684
 Ion Ratio Lower Upper
 172 100
 171 40.2 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. -0.09 min

Lab File: BG022476.D

Acq: 21 Jun 2016 21:34

Instrument :

BNA_G

ClientSampleId :

PB91508BL

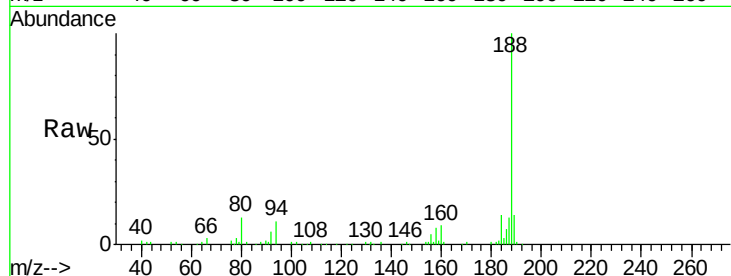
Tgt Ion:188 Resp: 145241

Ion Ratio Lower Upper

188 100

94 10.5 7.5 11.3

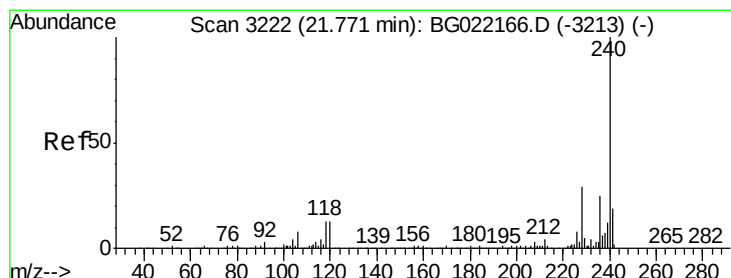
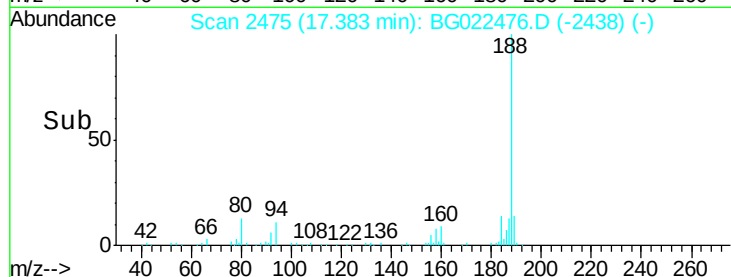
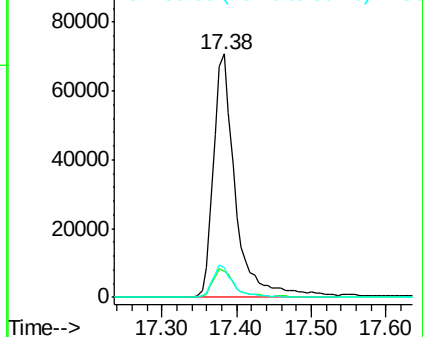
80 12.5 8.6 13.0



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# 3200

Delta R.T. -0.10 min

Lab File: BG022476.D

Acq: 21 Jun 2016 21:34

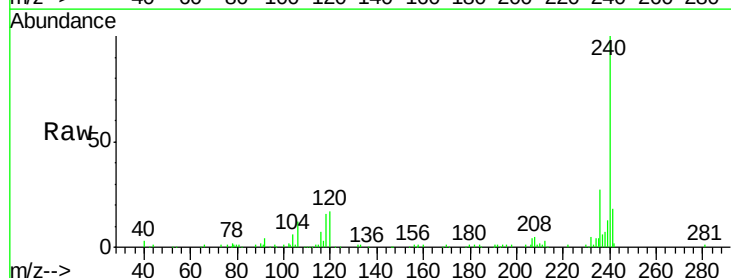
Tgt Ion:240 Resp: 118736

Ion Ratio Lower Upper

240 100

120 17.4 8.4 12.6#

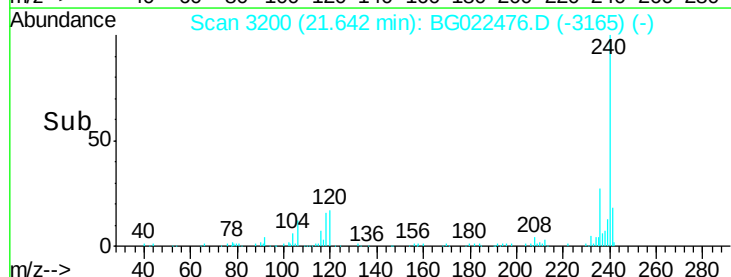
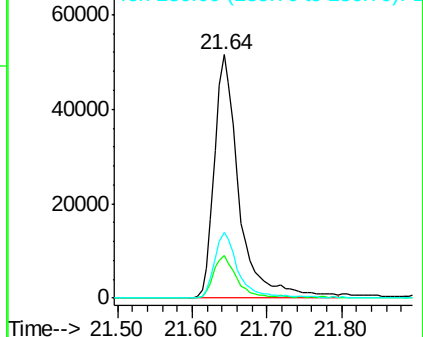
236 27.0 19.6 29.4

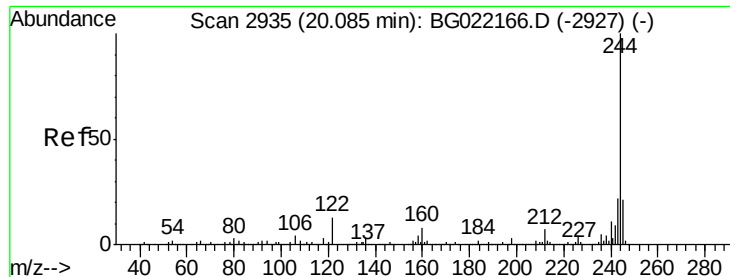


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.48 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.08 min

Lab File: BG022476.D

Acq: 21 Jun 2016 21:34

Instrument :

BNA_G

ClientSampleId :

PB91508BL

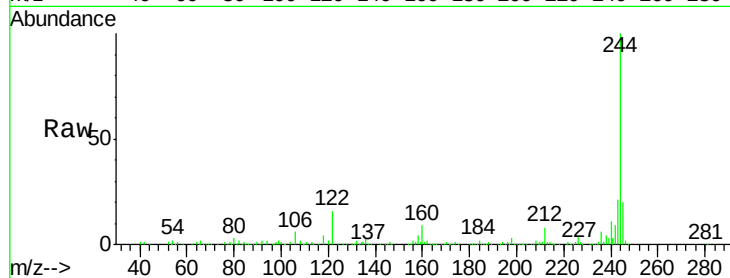
Tgt Ion:244 Resp: 407515

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

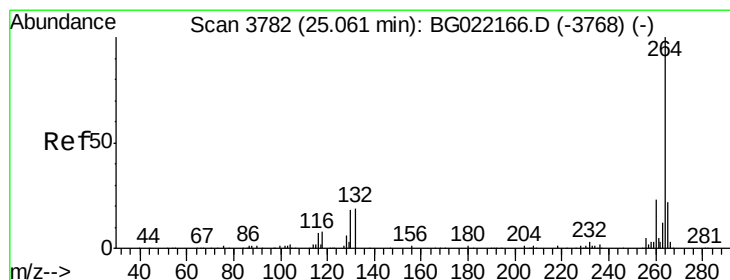
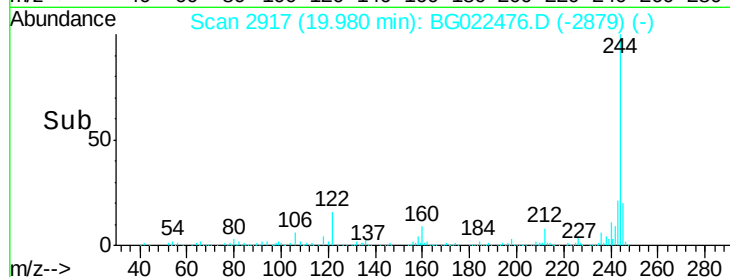
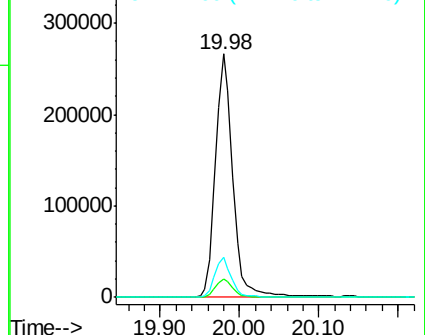
122 16.2 8.6 12.8#



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: 24.84 min Scan# 3745

Delta R.T. -0.17 min

Lab File: BG022476.D

Acq: 21 Jun 2016 21:34

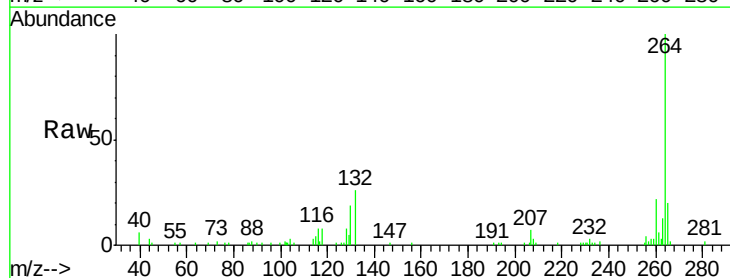
Tgt Ion:264 Resp: 104971

Ion Ratio Lower Upper

264 100

260 22.4 20.2 30.4

265 20.2 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

