

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022194.D
 Acq On : 7 Jun 2016 7:57
 Operator : UM/SJ
 Sample : H3402-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-20

Quant Time: Jun 07 15:17:34 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

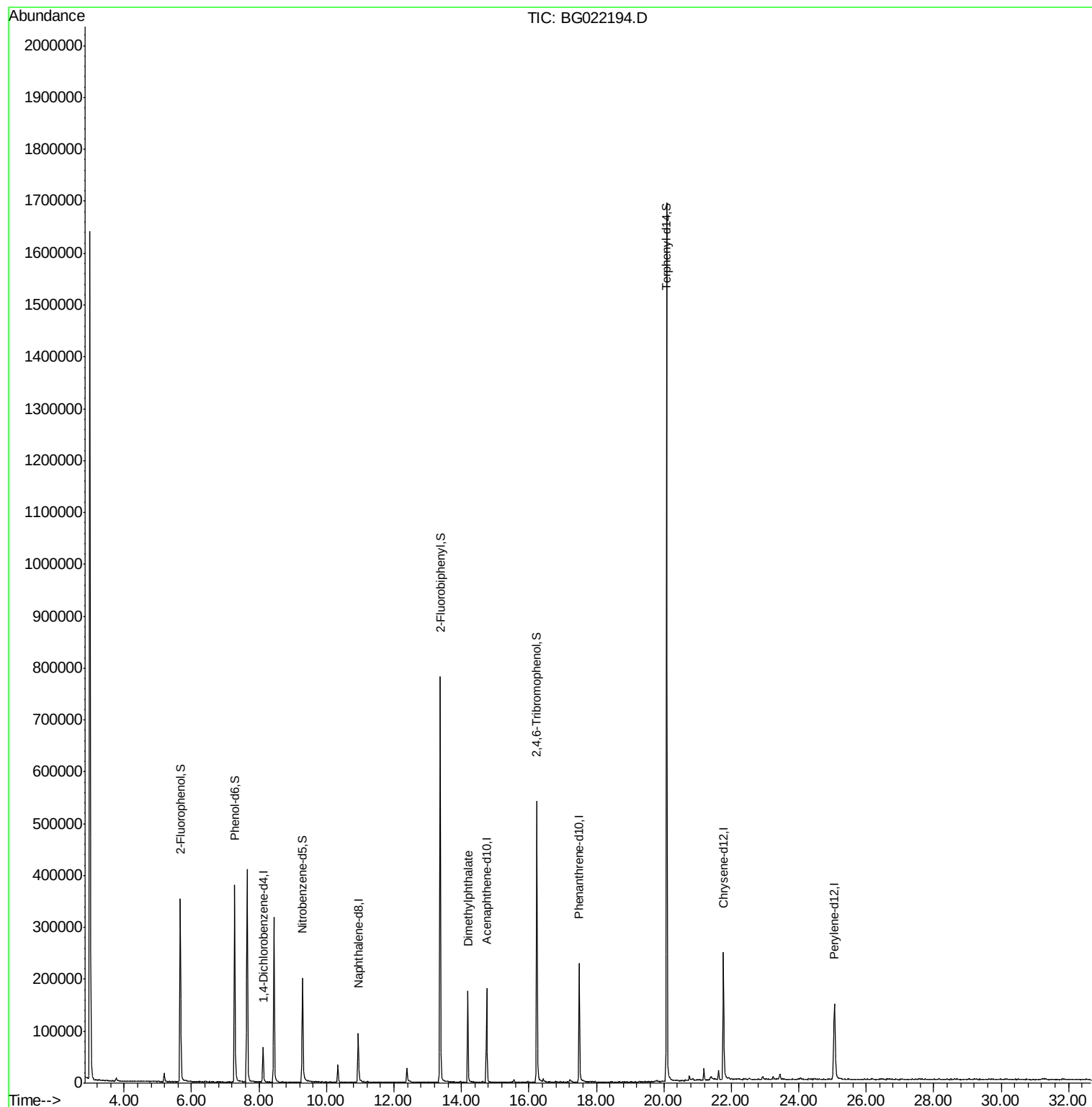
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27401	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	119447	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	75887	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	175184	20.00	ng	0.00
75) Chrysene-d12	21.76	240	183514	20.00	ng	0.00
86) Perylene-d12	25.06	264	173836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	244760	172.71	ng	0.00
7) Phenol-d6	7.28	99	341139	153.10	ng	0.00
23) Nitrobenzene-d5	9.29	82	171559	100.13	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	128324	149.65	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	483350	97.07	ng	0.00
78) Terphenyl-d14	20.08	244	801233	103.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	147555	23.45	ng	Qvalue 100

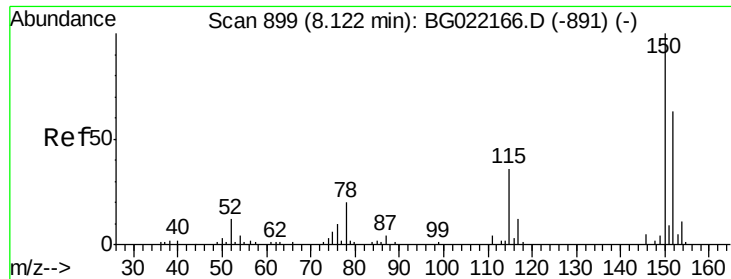
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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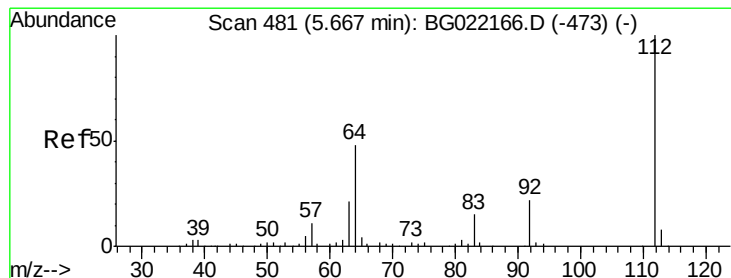
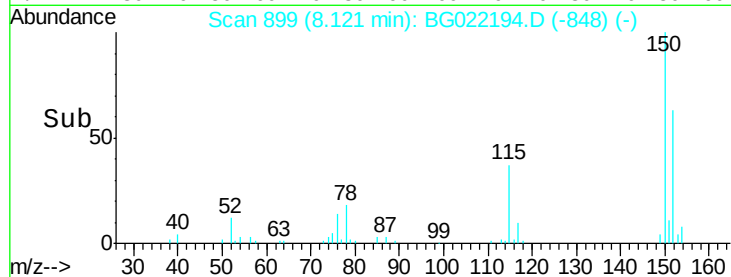
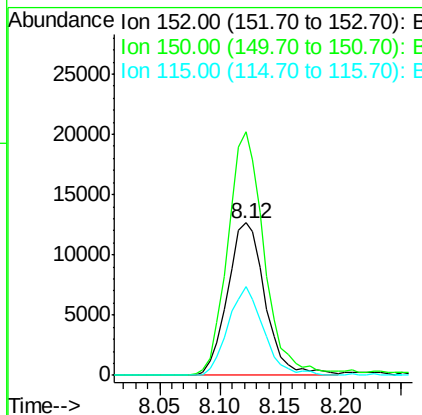
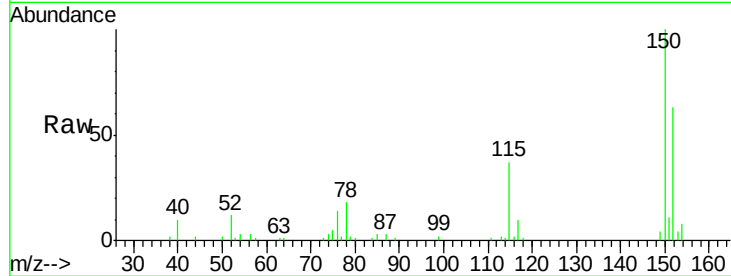


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG022194.D
Acq: 7 Jun 2016 7:57

Instrument :
BNA_G
ClientSampleId :
SB-20

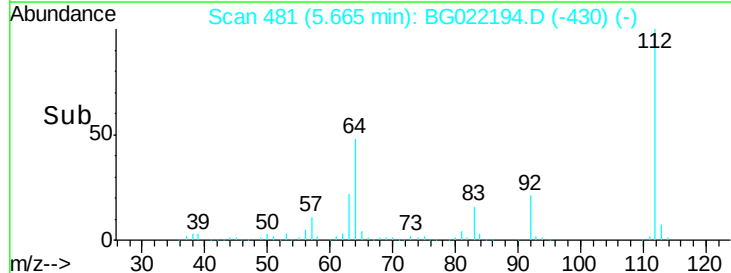
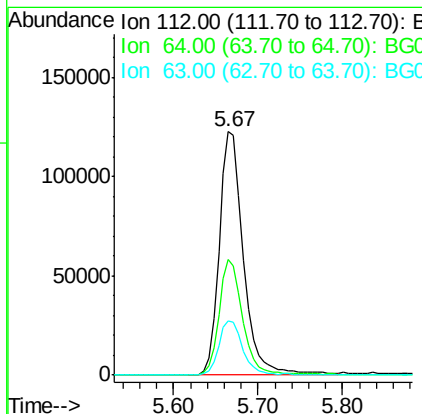
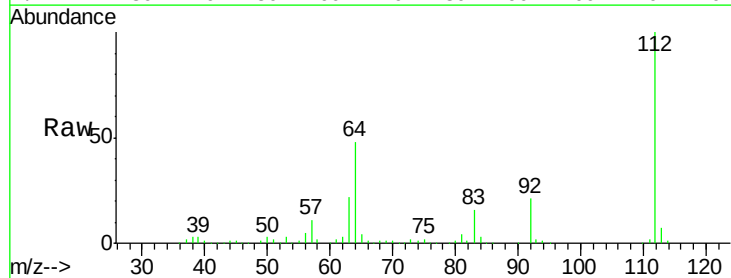
Tgt Ion:152 Resp: 27401
Ion Ratio Lower Upper
152 100
150 159.9 130.1 195.1
115 58.6 62.2 93.2#

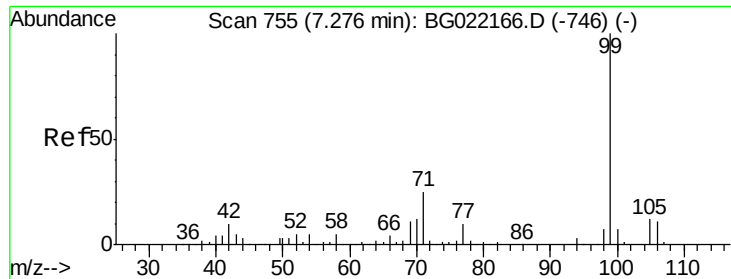


#5

2-Fluorophenol
Concen: 172.71 ng
RT: 5.67 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022194.D
Acq: 7 Jun 2016 7:57

Tgt Ion:112 Resp: 244760
Ion Ratio Lower Upper
112 100
64 47.6 51.1 76.7#
63 22.4 24.6 37.0#





#7

Phenol-d6

Concen: 153.10 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022194.D

Acq: 7 Jun 2016 7:57

Instrument :

BNA_G

ClientSampleId :

SB-20

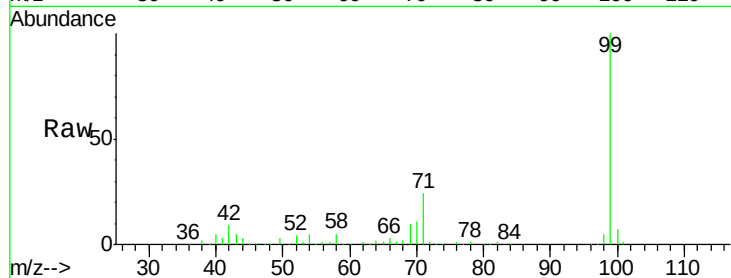
Tgt Ion: 99 Resp: 341139

Ion Ratio Lower Upper

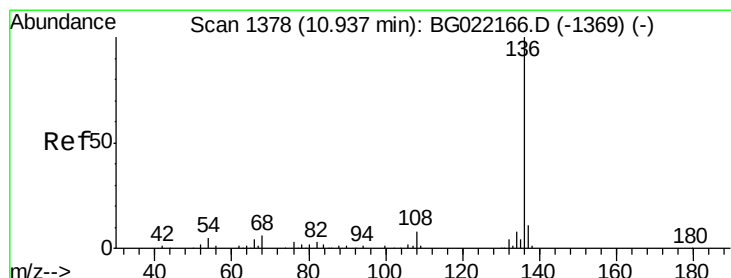
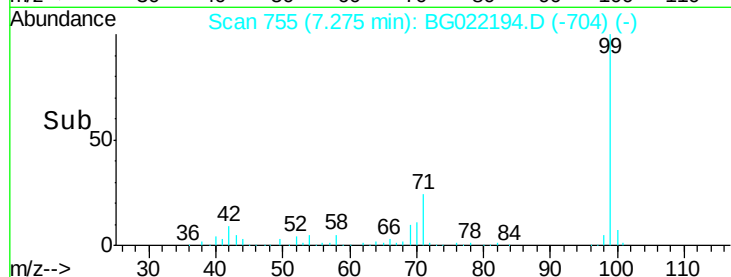
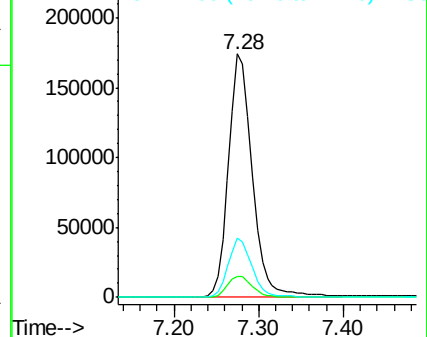
99 100

42 8.5 16.4 24.6#

71 24.2 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: 10.94 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022194.D

Acq: 7 Jun 2016 7:57

Tgt Ion: 136 Resp: 119447

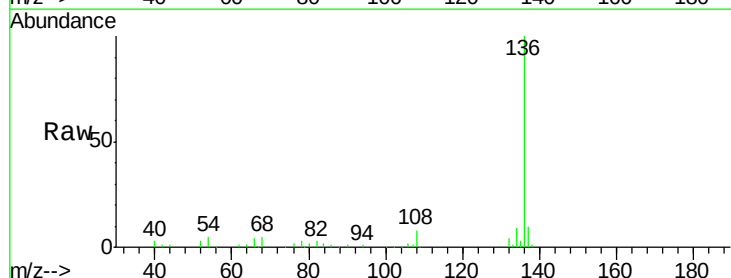
Ion Ratio Lower Upper

136 100

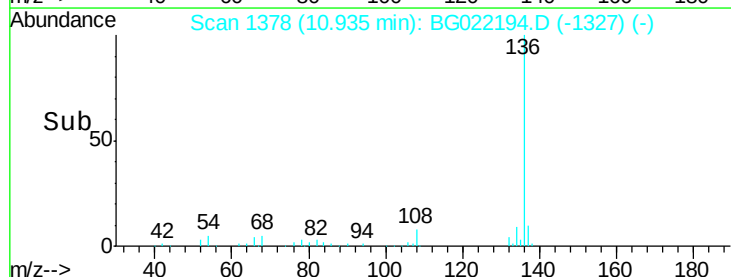
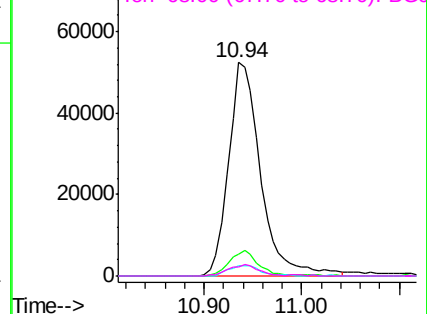
137 10.2 9.0 13.4

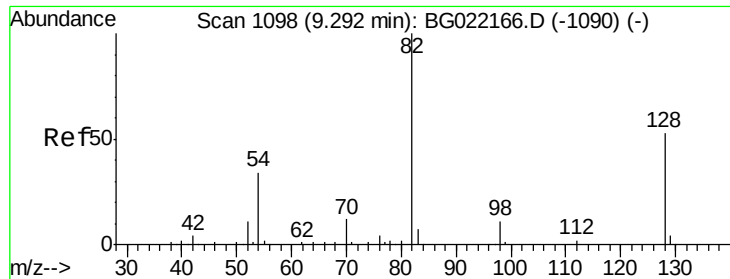
54 5.1 9.6 14.4#

68 4.5 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

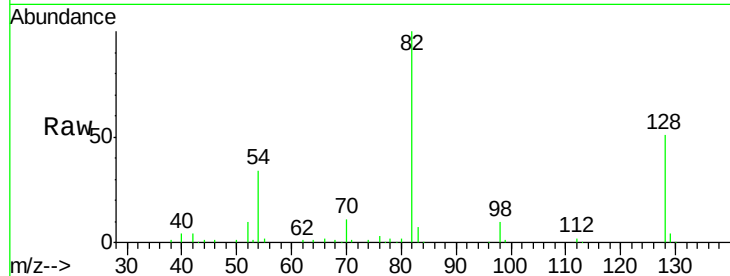




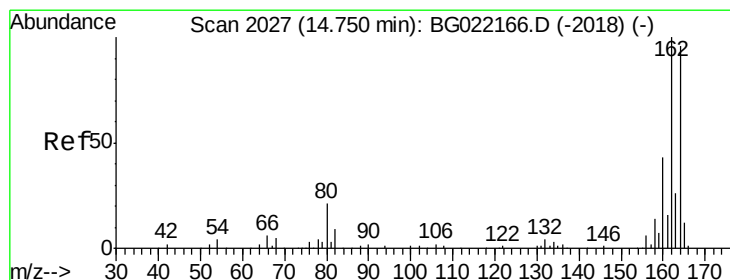
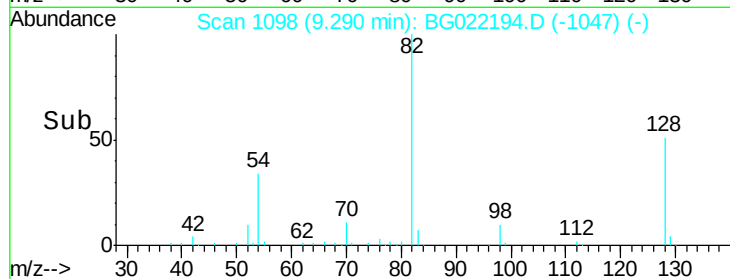
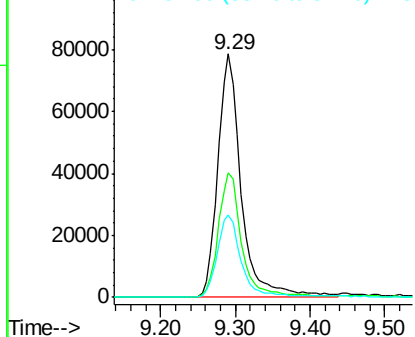
#23
 Nitrobenzene-d5
 Concen: 100.13 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022194.D
 Acq: 7 Jun 2016 7:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-20

Tgt Ion: 82 Resp: 171559
 Ion Ratio Lower Upper
 82 100
 128 51.2 33.4 50.0#
 54 33.8 46.1 69.1#

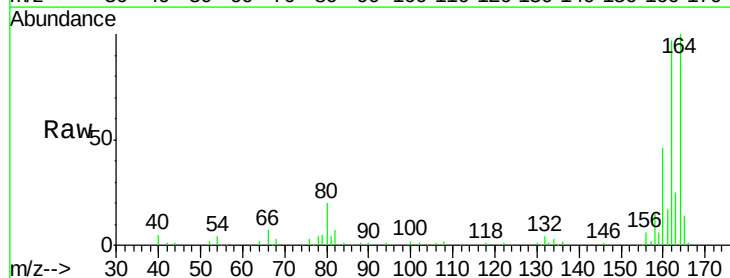


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

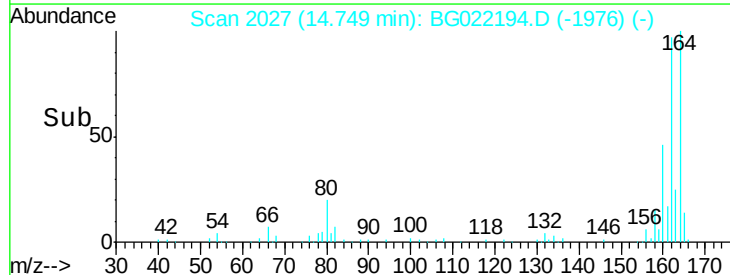
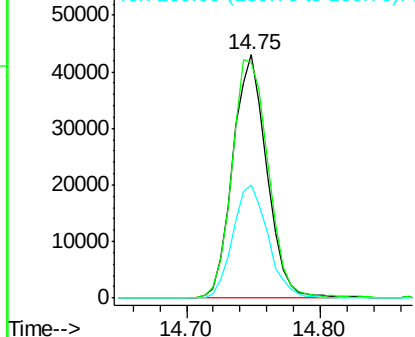


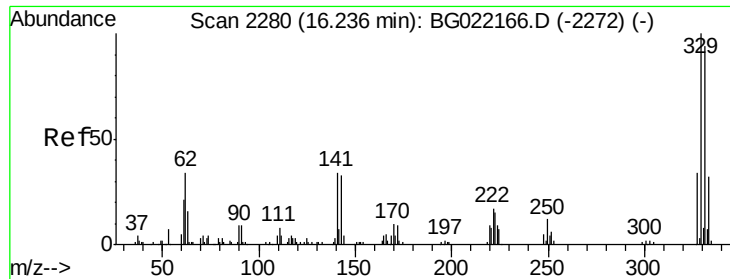
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022194.D
 Acq: 7 Jun 2016 7:57

Tgt Ion: 164 Resp: 75887
 Ion Ratio Lower Upper
 164 100
 162 97.1 78.0 117.0
 160 46.4 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

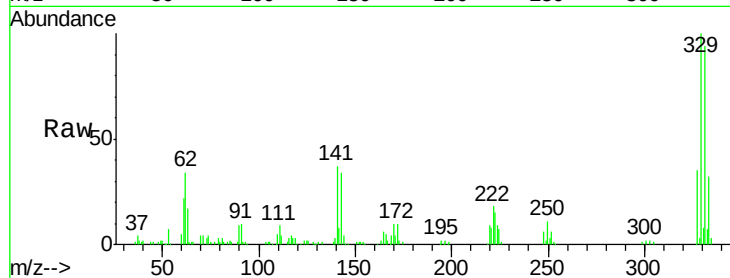




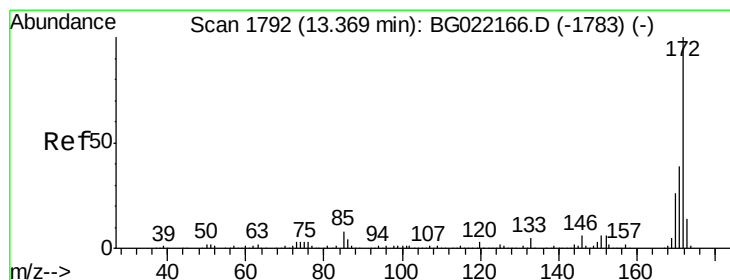
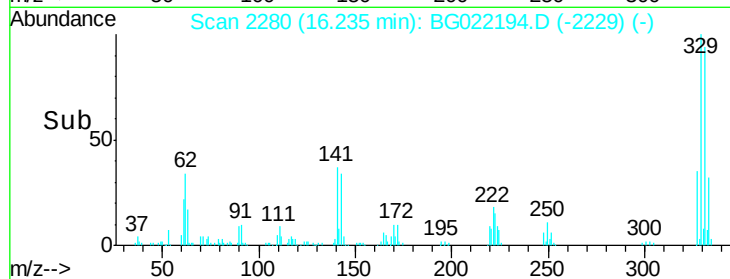
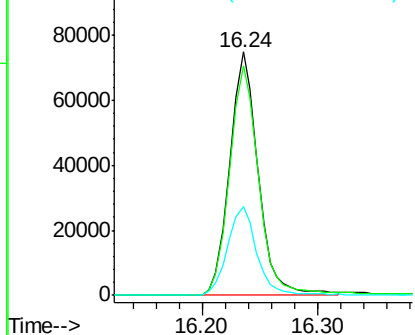
#41
 2,4,6-Tribromophenol
 Concen: 149.65 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022194.D
 Acq: 7 Jun 2016 7:57

Instrument :
 BNA_G
 ClientSampled :
 SB-20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	37.8	33.8	50.8

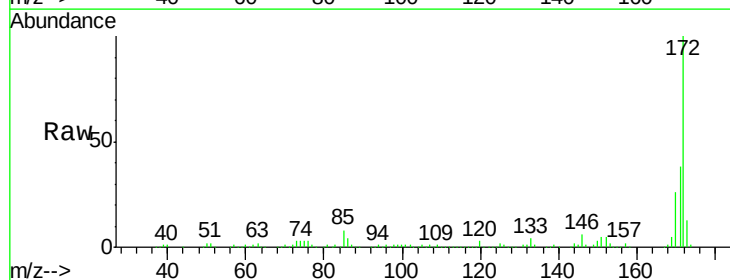


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

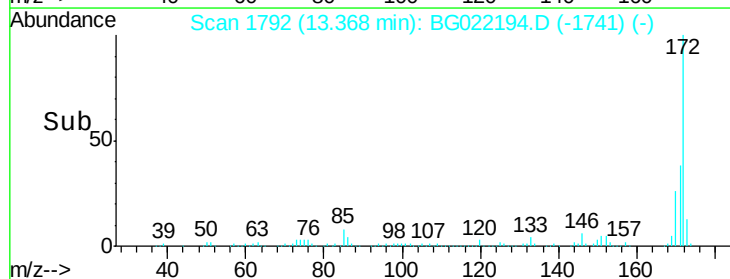
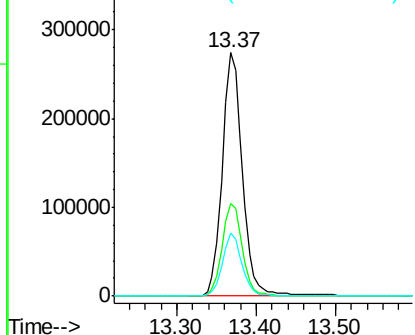


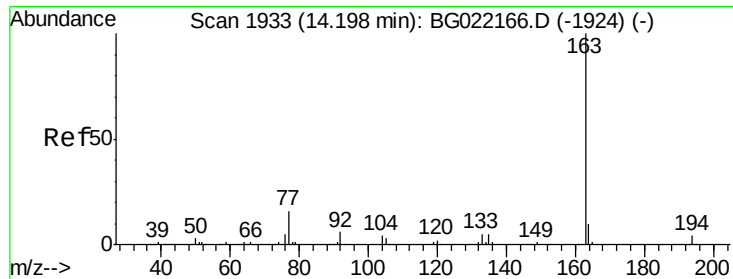
#44
 2-Fluorobiphenyl
 Concen: 97.07 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022194.D
 Acq: 7 Jun 2016 7:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	27.8	41.6
170	26.0	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





#49

Dimethylphthalate

Concen: 23.45 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022194.D

Acq: 7 Jun 2016 7:57

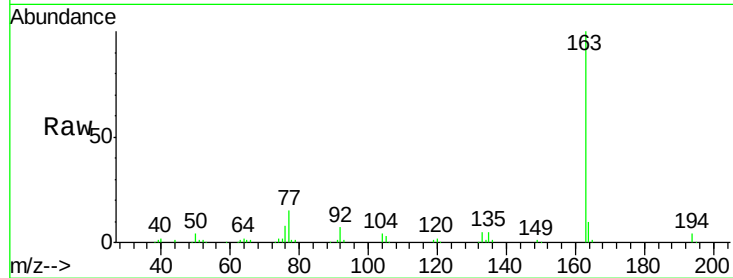
Instrument :

BNA_G

ClientSampleId :

SB-20

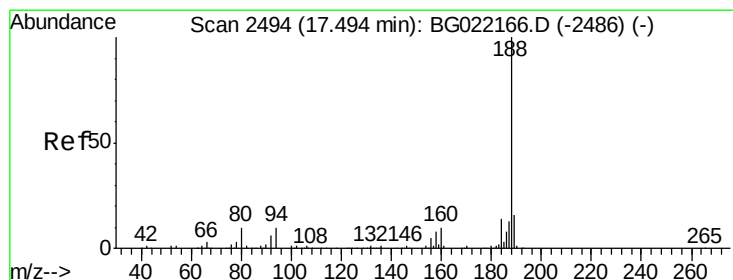
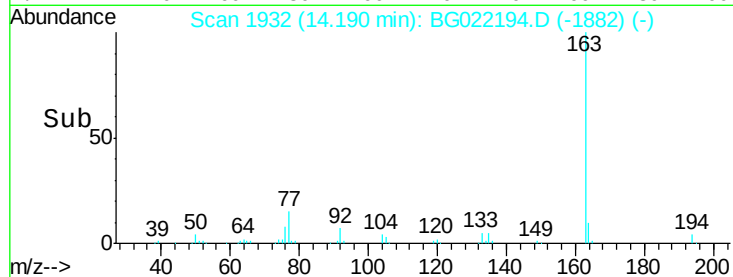
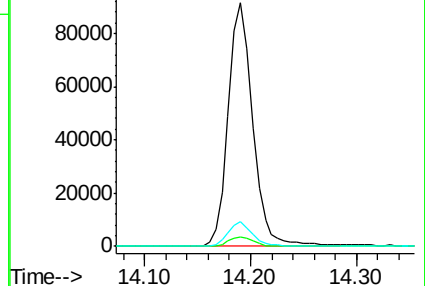
Tgt Ion:	163	Resp:	147555
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	10.2	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

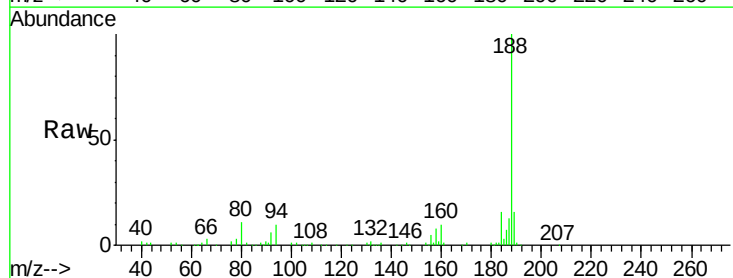
RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022194.D

Acq: 7 Jun 2016 7:57

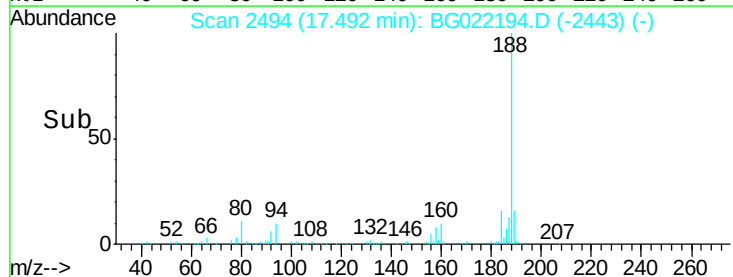
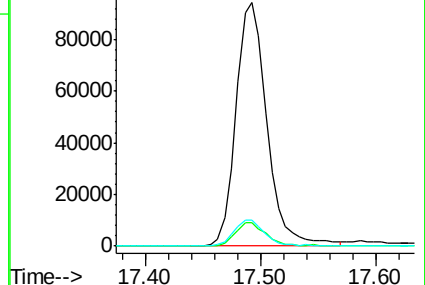
Tgt Ion:	188	Resp:	175184
Ion Ratio	Lower	Upper	
188	100		
94	9.7	7.5	11.3
80	10.9	8.6	13.0

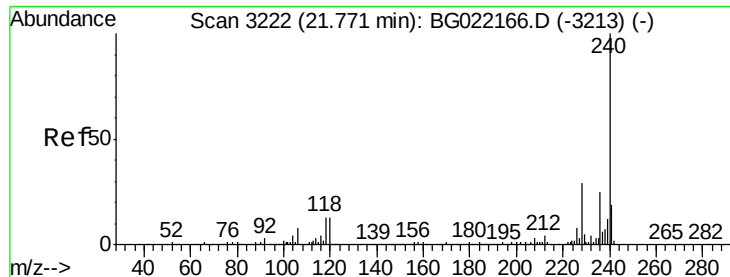


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022194.D

Acq: 7 Jun 2016 7:57

Instrument :

BNA_G

ClientSampleId :

SB-20

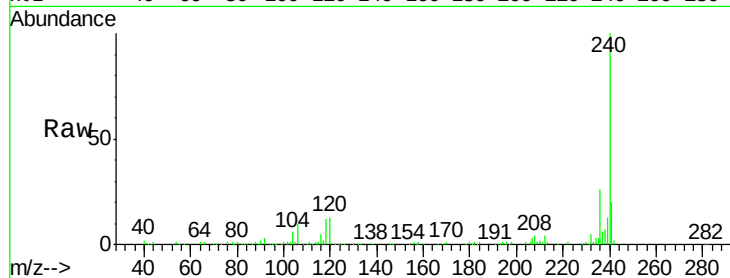
Tgt Ion:240 Resp: 183514

Ion Ratio Lower Upper

240 100

120 12.7 8.4 12.6#

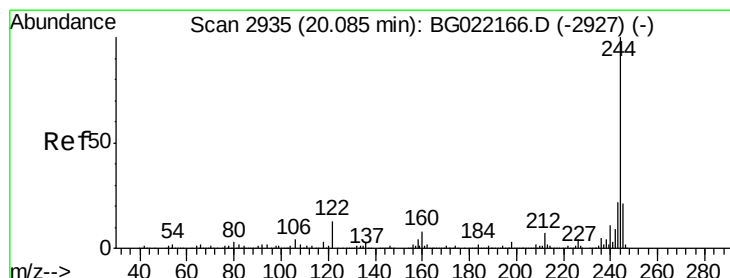
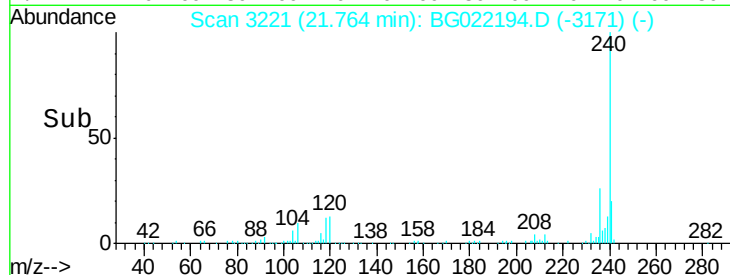
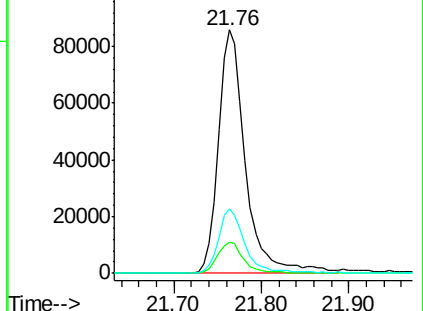
236 26.4 19.6 29.4



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: 103.65 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022194.D

Acq: 7 Jun 2016 7:57

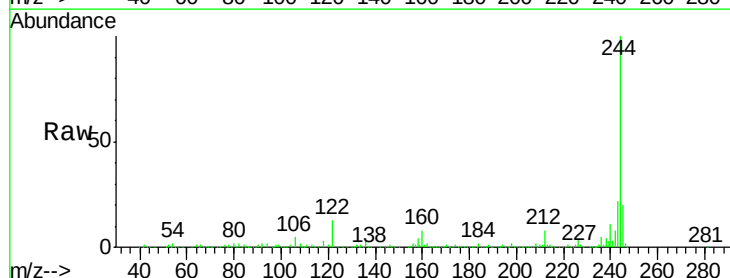
Tgt Ion:244 Resp: 801233

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

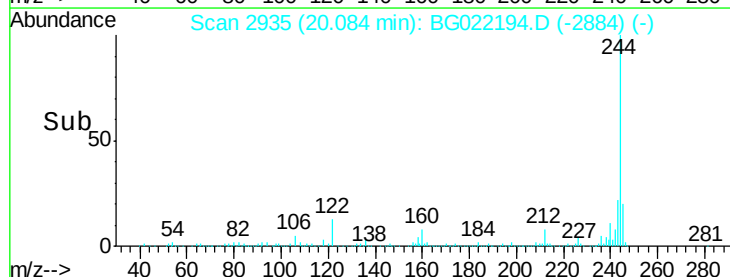
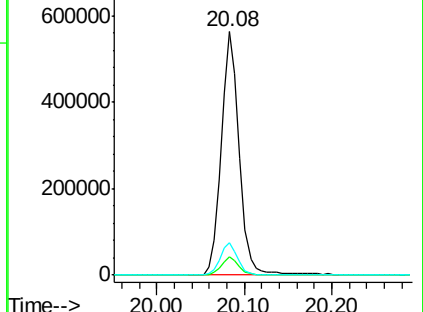
122 13.1 8.6 12.8#

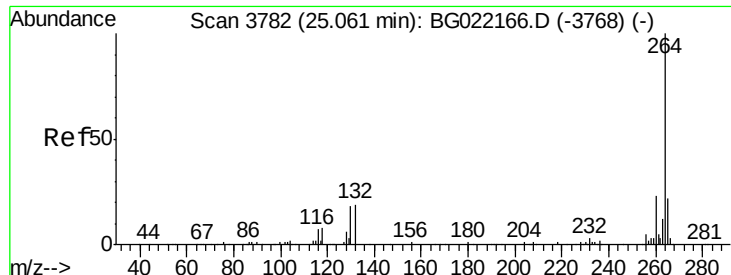


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

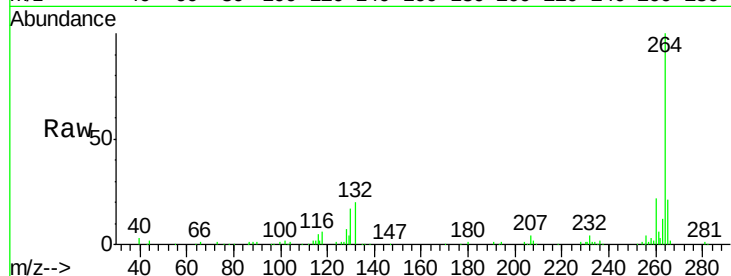




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.00 min
Lab File: BG022194.D
Acq: 7 Jun 2016 7:57

Instrument :
BNA_G
ClientSampleId :
SB-20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	20.2	30.4
265	20.6	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

