

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022186.D
 Acq On : 7 Jun 2016 2:31
 Operator : UM/SJ
 Sample : H3402-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14

Quant Time: Jun 07 03:24:50 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

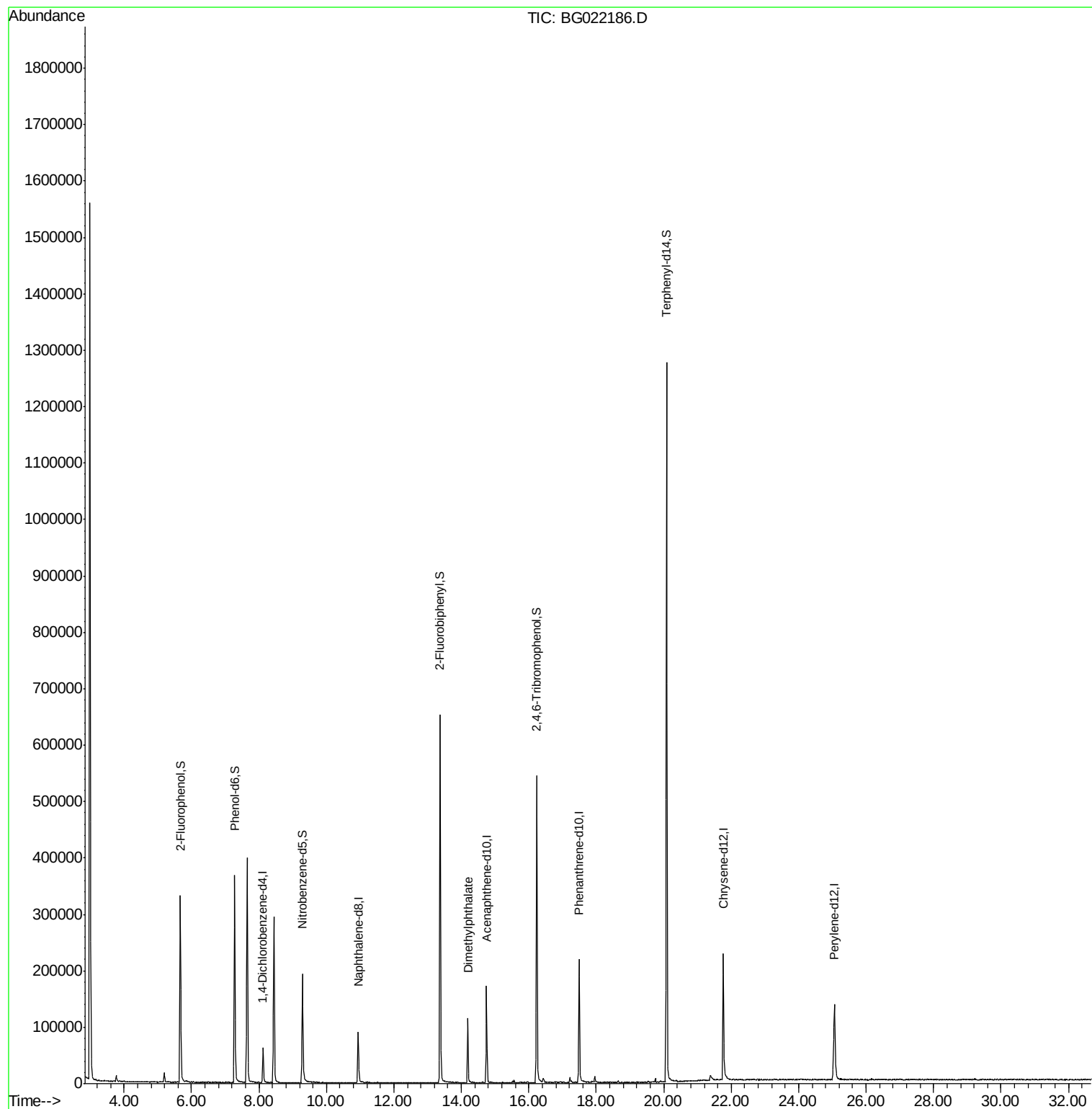
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	24248	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	111101	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	70291	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	162450	20.00	ng	0.00
75) Chrysene-d12	21.77	240	175397	20.00	ng	0.00
86) Perylene-d12	25.05	264	167206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	230843	184.07	ng	0.00
7) Phenol-d6	7.28	99	326166	165.41	ng	0.00
23) Nitrobenzene-d5	9.29	82	163215	102.42	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	126012	158.65	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	422039	91.50	ng	0.00
78) Terphenyl-d14	20.08	244	647715	87.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	99523	17.08	ng	Qvalue 100

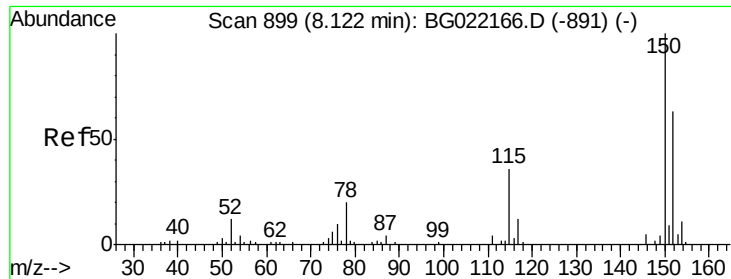
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

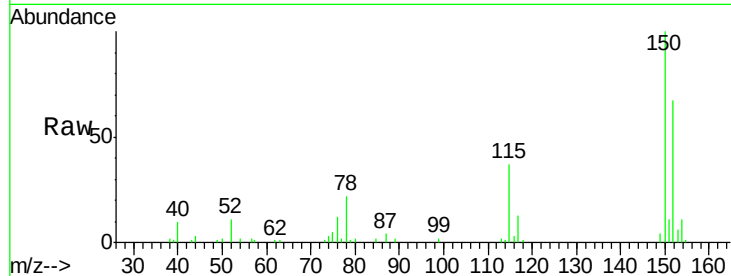
Tgt Ion:152 Resp: 24248

Ion Ratio Lower Upper

152 100

150 150.0 130.1 195.1

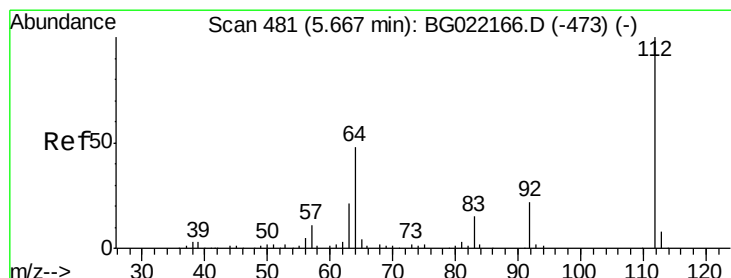
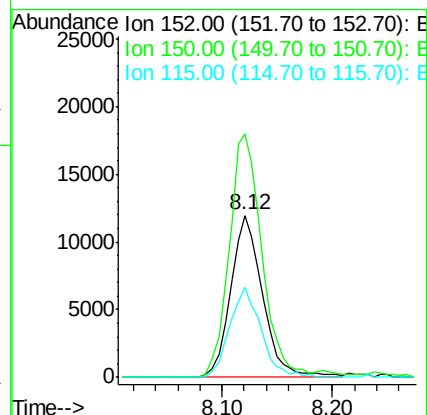
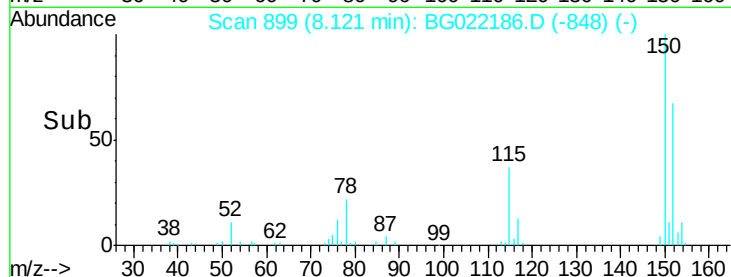
115 55.1 62.2 93.2#



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: 184.07 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

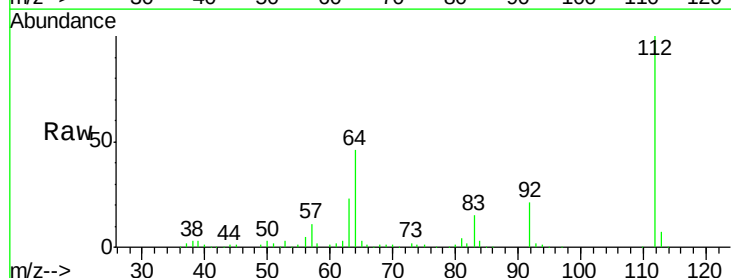
Tgt Ion:112 Resp: 230843

Ion Ratio Lower Upper

112 100

64 45.7 51.1 76.7#

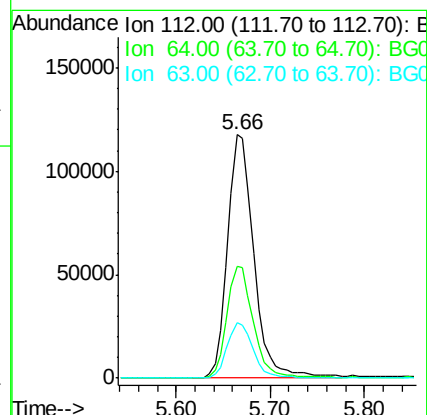
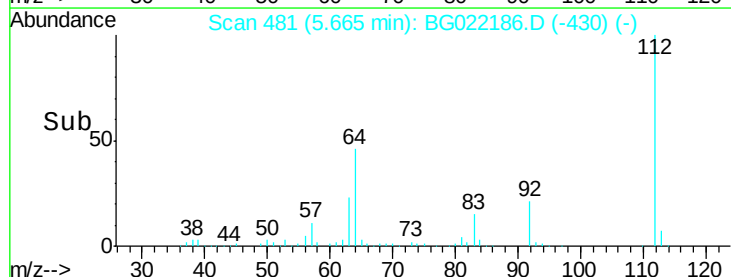
63 22.7 24.6 37.0#

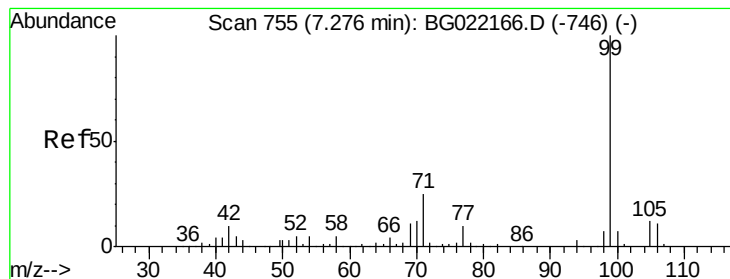


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 165.41 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

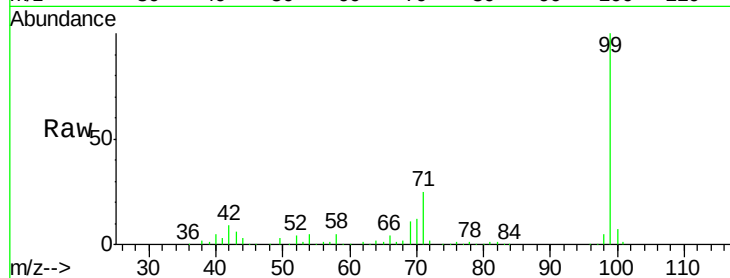
Tgt Ion: 99 Resp: 326166

Ion Ratio Lower Upper

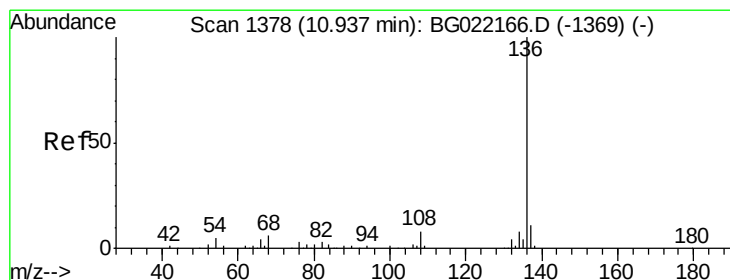
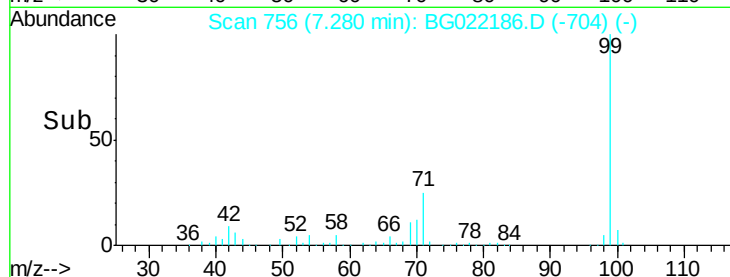
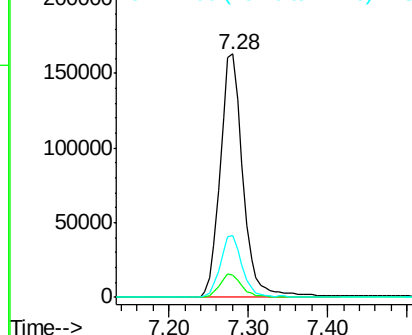
99 100

42 9.2 16.4 24.6#

71 25.3 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: BG022186.D

Acq: 7 Jun 2016 2:31

Tgt Ion: 136 Resp: 111101

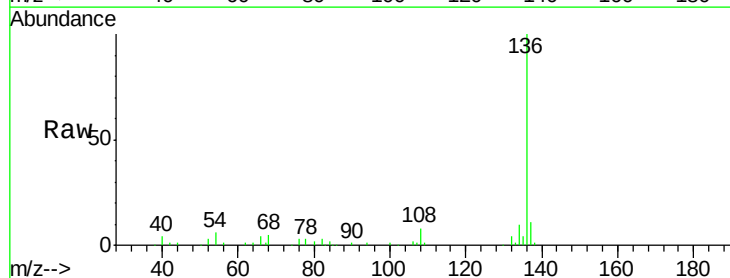
Ion Ratio Lower Upper

136 100

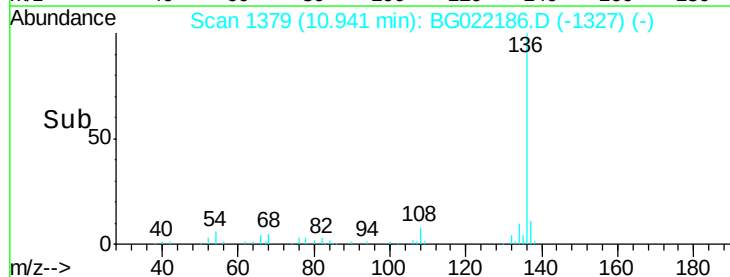
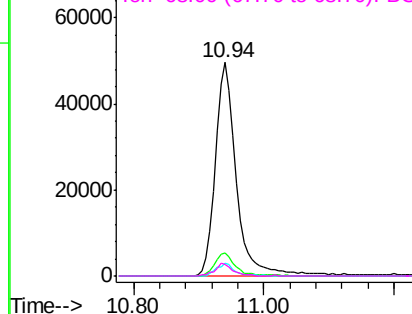
137 11.1 9.0 13.4

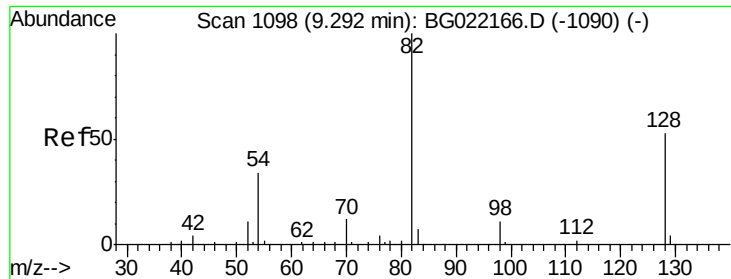
54 5.7 9.6 14.4#

68 5.4 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

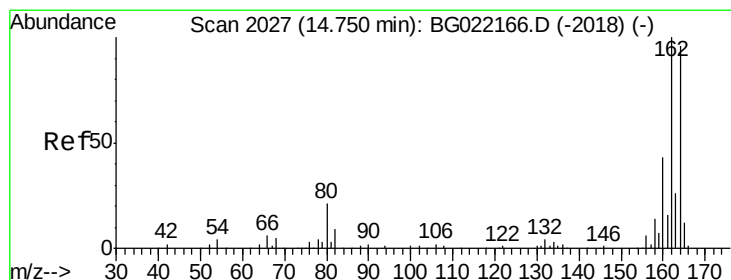
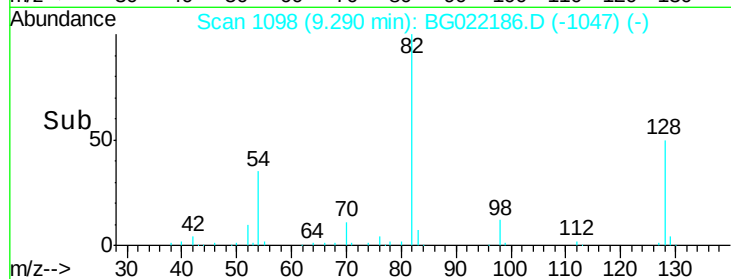
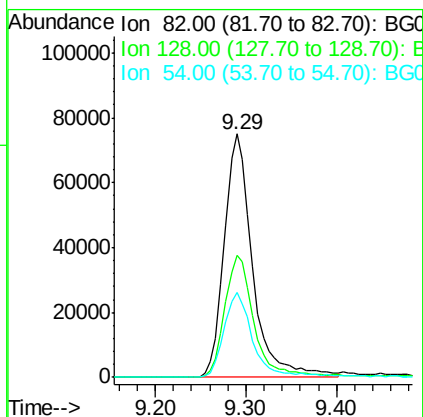
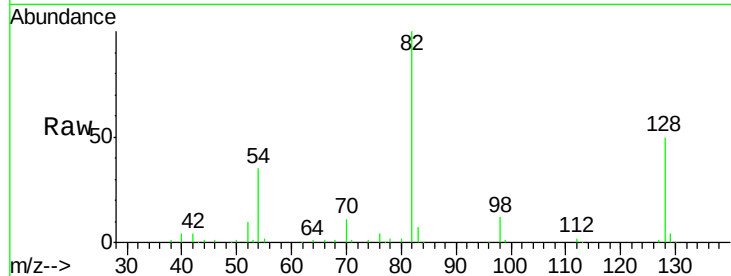




#23
 Nitrobenzene-d5
 Concen: 102.42 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022186.D
 Acq: 7 Jun 2016 2:31

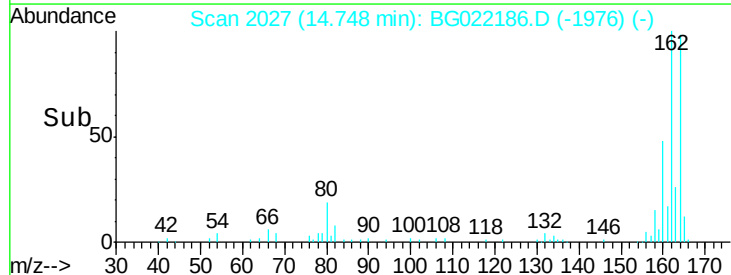
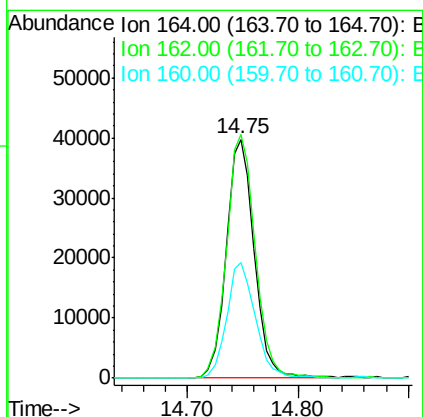
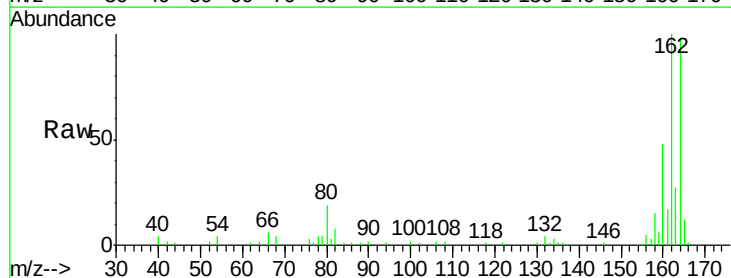
Instrument :
 BNA_G
 ClientSampled :
 SB-14

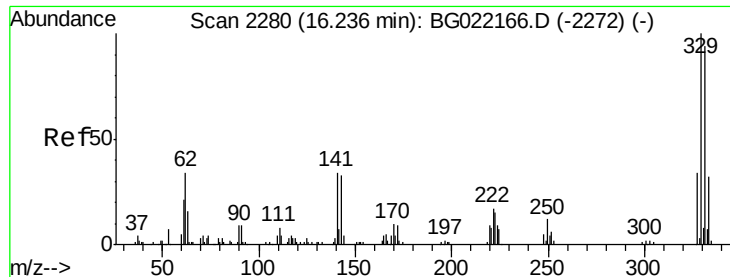
Tgt Ion: 82 Resp: 163215
 Ion Ratio Lower Upper
 82 100
 128 50.2 33.4 50.0#
 54 34.6 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022186.D
 Acq: 7 Jun 2016 2:31

Tgt Ion: 164 Resp: 70291
 Ion Ratio Lower Upper
 164 100
 162 101.8 78.0 117.0
 160 48.5 32.9 49.3

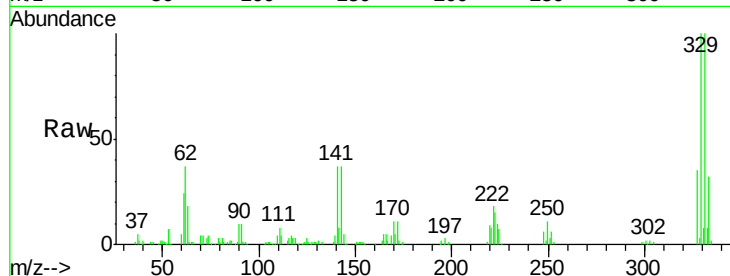




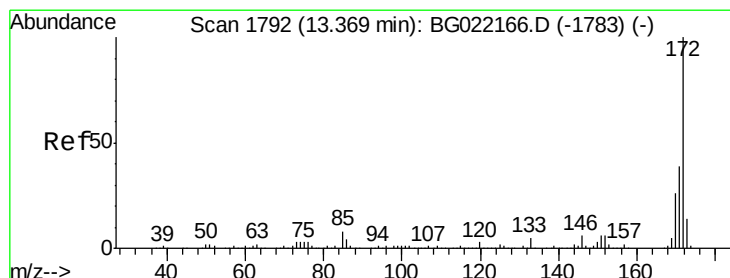
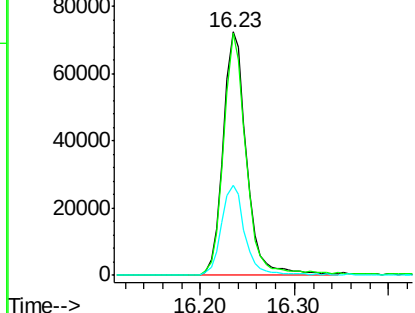
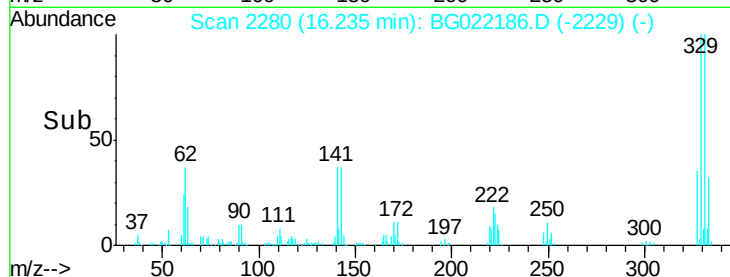
#41
 2,4,6-Tribromophenol
 Concen: 158.65 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022186.D
 Acq: 7 Jun 2016 2:31

Instrument :
 BNA_G
 ClientSampleID :
 SB-14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	37.6	33.8	50.8

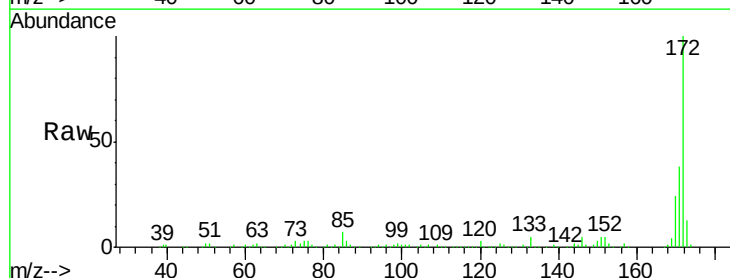


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

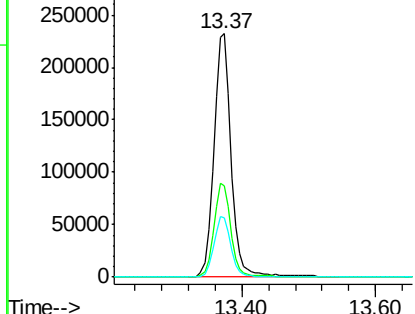
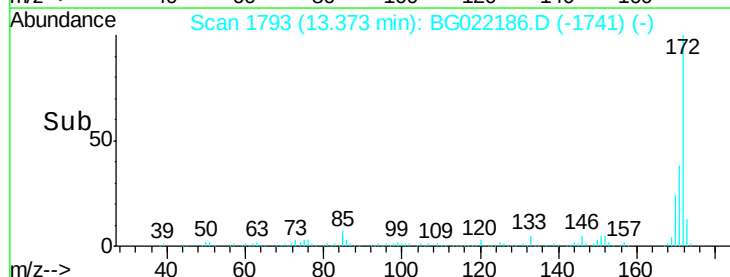


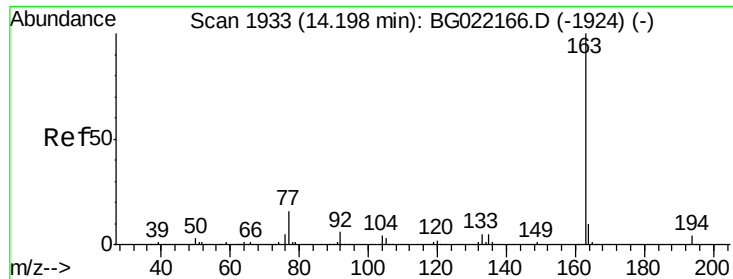
#44
 2-Fluorobiphenyl
 Concen: 91.50 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022186.D
 Acq: 7 Jun 2016 2:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	27.8	41.6
170	24.3	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: 17.08 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

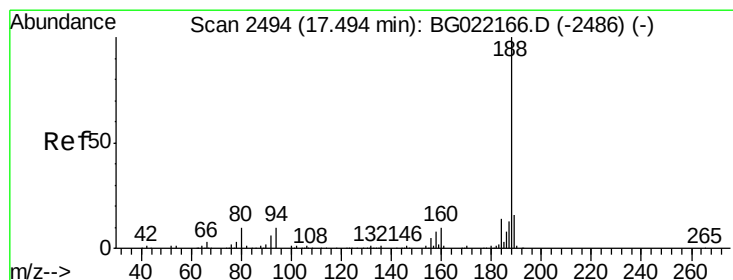
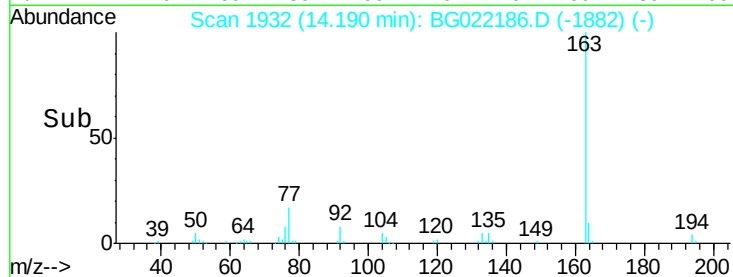
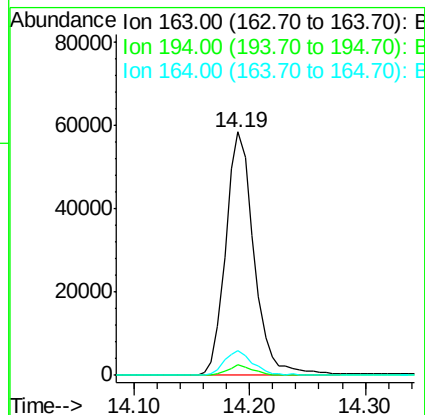
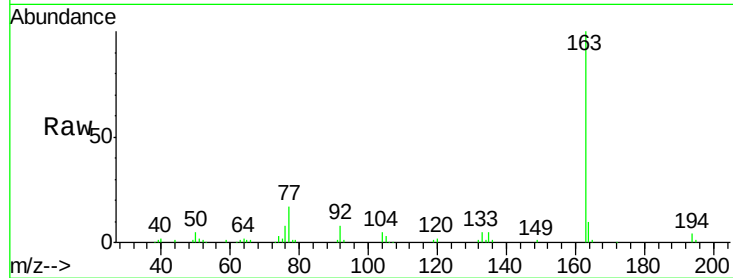
Instrument :

BNA_G

ClientSampleId :

SB-14

Tgt Ion:	163	Resp:	99523
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.1	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

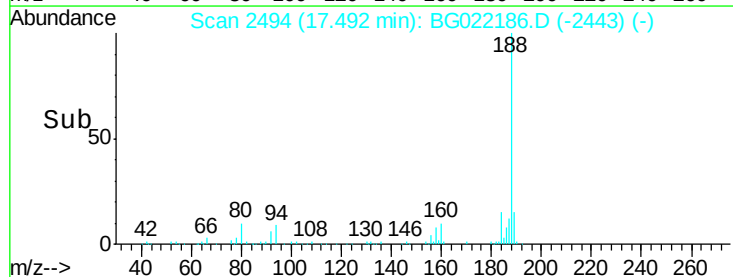
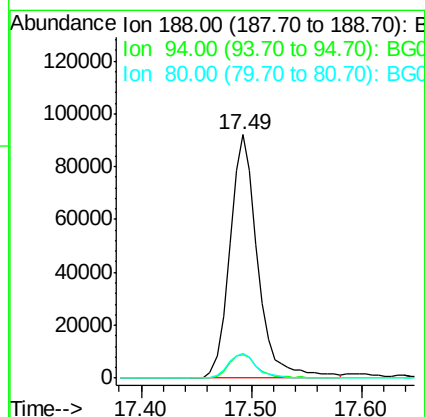
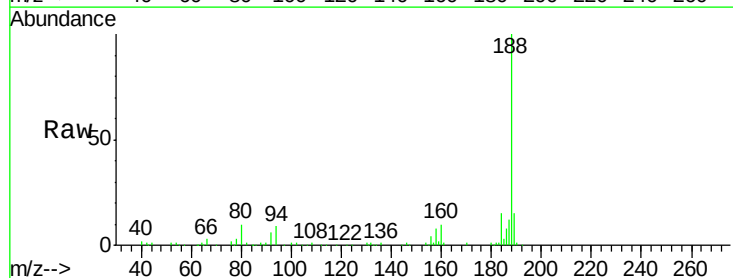
RT: 17.49 min Scan# 2494

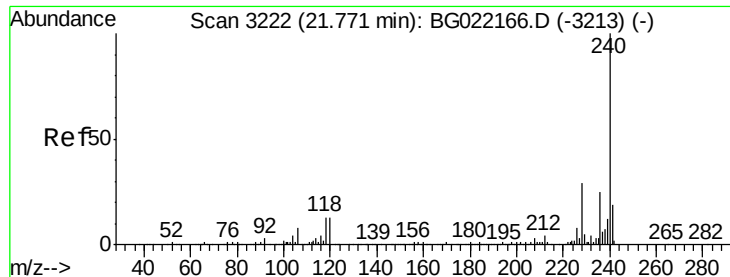
Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

Tgt Ion:	188	Resp:	162450
Ion Ratio	Lower	Upper	
188	100		
94	9.4	7.5	11.3
80	10.3	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: BG022186.D

Acq: 7 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

SB-14

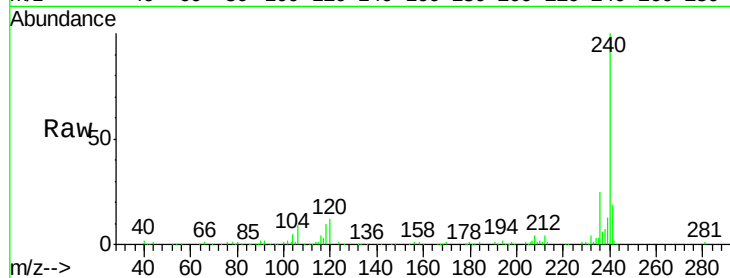
Tgt Ion:240 Resp: 175397

Ion Ratio Lower Upper

240 100

120 12.3 8.4 12.6

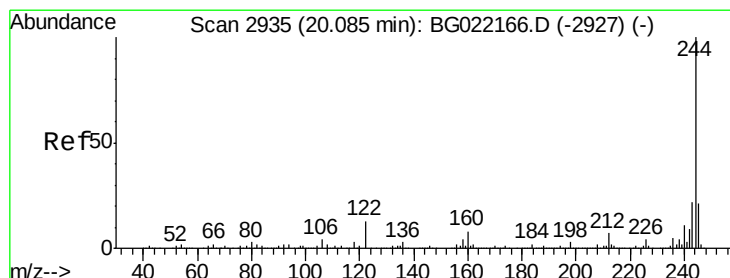
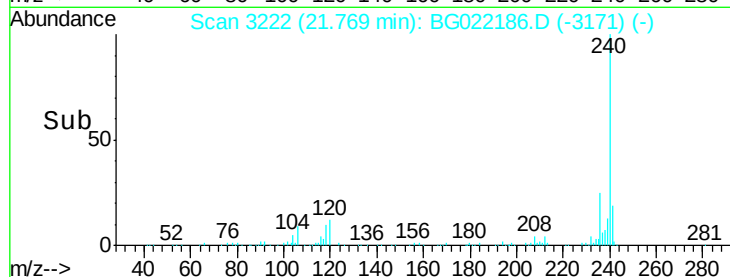
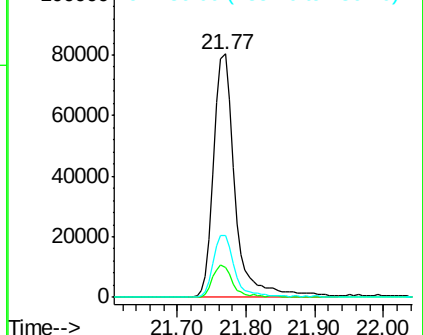
236 25.3 19.6 29.4



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: 87.67 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022186.D

Acq: 7 Jun 2016 2:31

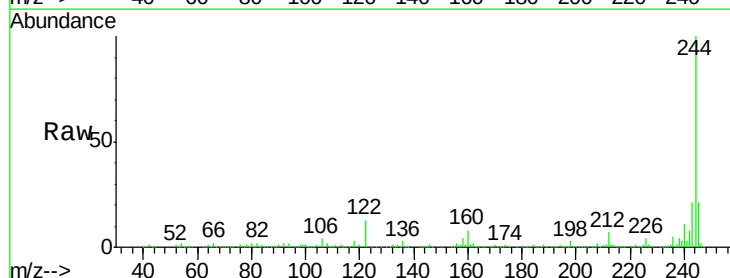
Tgt Ion:244 Resp: 647715

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

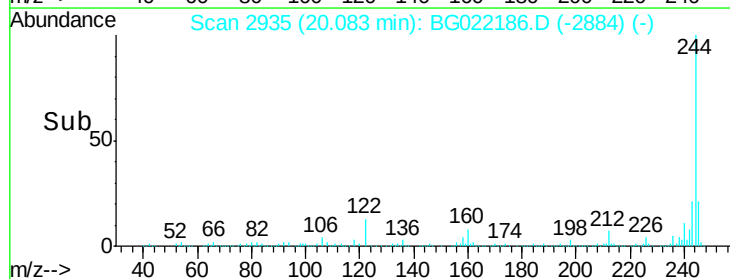
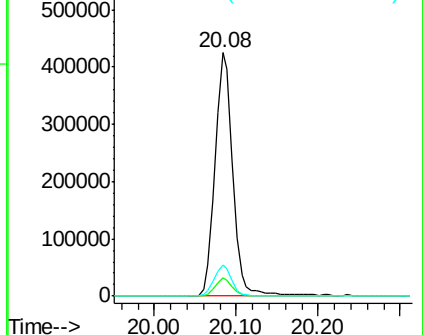
122 13.0 8.6 12.8#

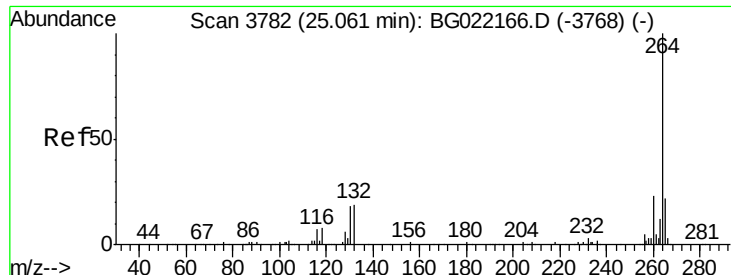


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

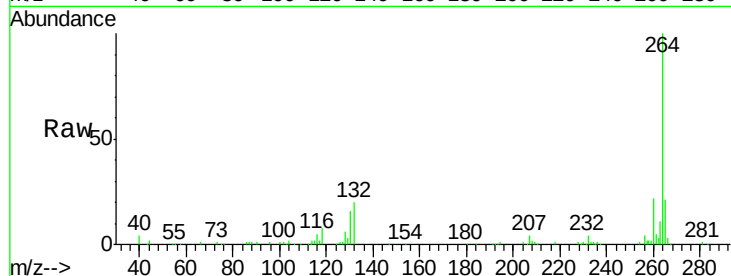




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG022186.D
Acq: 7 Jun 2016 2:31

Instrument :
BNA_G
ClientSampleId :
SB-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	20.2	30.4
265	21.0	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

