

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021061.D
 Acq On : 24 Feb 2016 21:11
 Operator : UM/SJ
 Sample : H1521-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1+20(0-2)

Quant Time: Feb 24 23:59:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

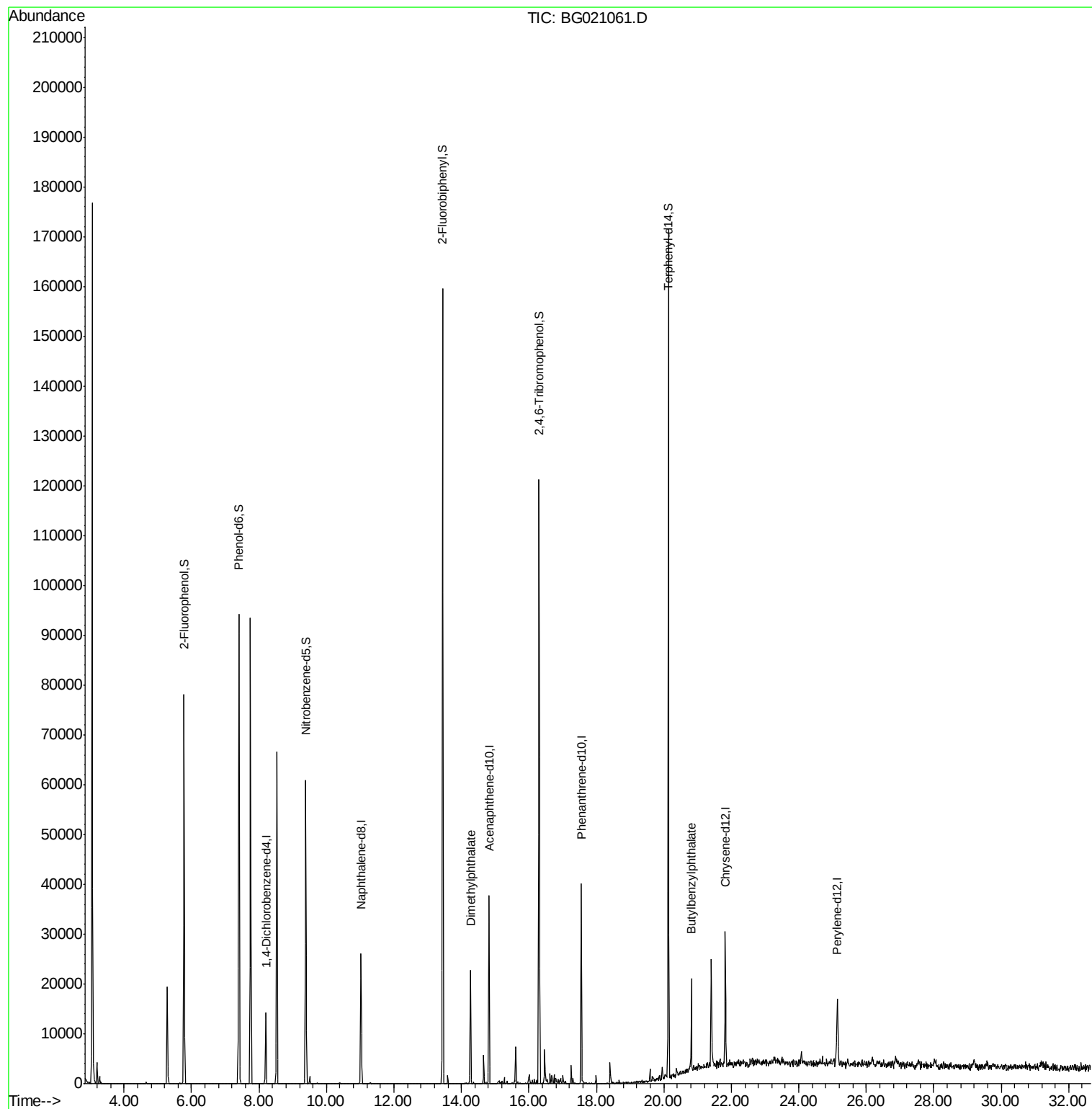
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	4341	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	24045	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13291	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	24015	20.00	ng	0.00
75) Chrysene-d12	21.82	240	16744	20.00	ng	0.00
86) Perylene-d12	25.14	264	16897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	35985	145.33	ng	-0.01
7) Phenol-d6	7.40	99	57434	150.61	ng	-0.01
23) Nitrobenzene-d5	9.39	82	38825	94.80	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	20903	131.28	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	80489	84.31	ng	0.00
78) Terphenyl-d14	20.14	244	67329	52.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.27	163	15554	14.35	ng	99
79) Butylbenzylphthalate	20.81	149	5920	8.77	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

Instrument :

BNA_G

ClientSampleId :

SP-1+20(0-2)

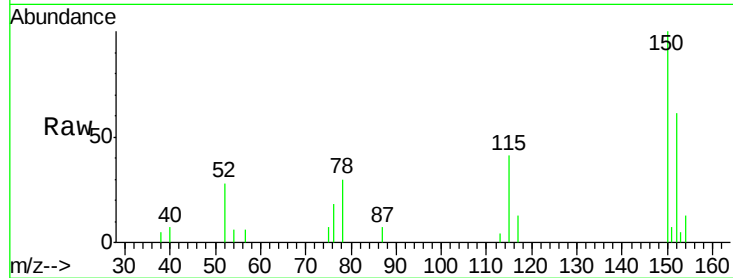
Tot Ion:152 Resp: 4341

Ion Ratio Lower Upper

152 100

150 163.3 123.4 185.2

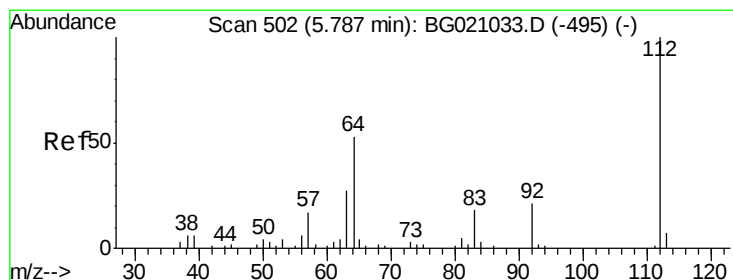
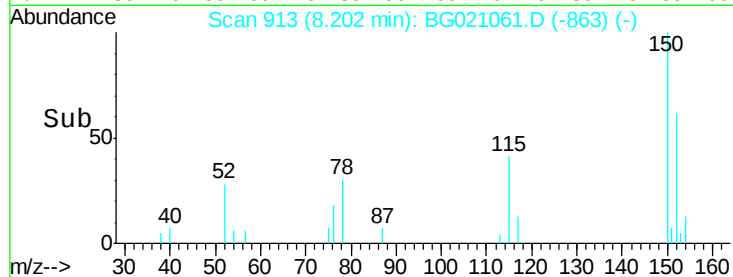
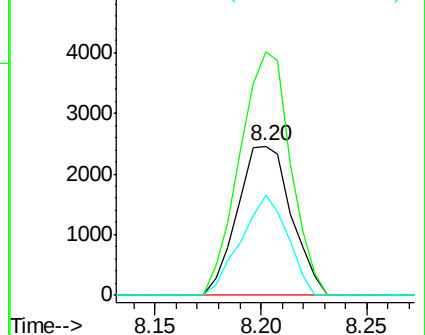
115 67.6 43.3 64.9#



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: 145.33 ng

RT: 5.78 min Scan# 500

Delta R.T. -0.01 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

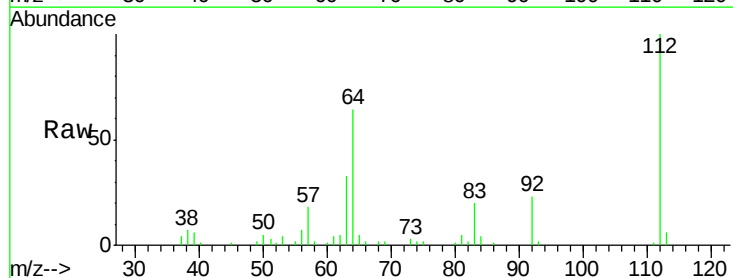
Tgt Ion:112 Resp: 35985

Ion Ratio Lower Upper

112 100

64 64.1 42.6 63.8#

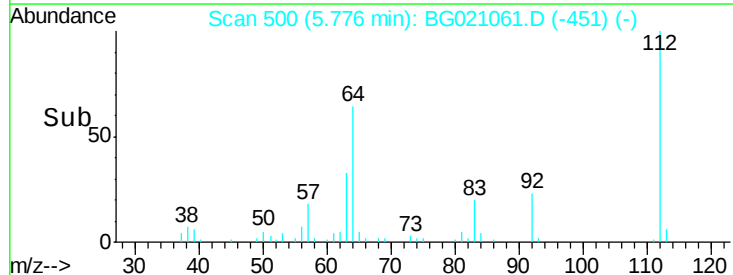
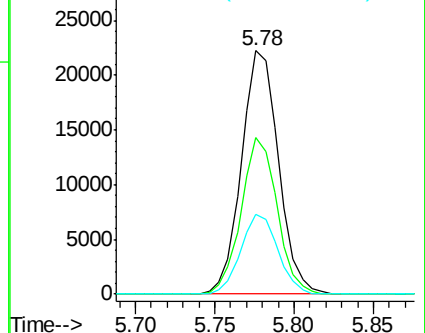
63 33.0 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 150.61 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

Instrument :

BNA_G

ClientSampleId :

SP-1+20(0-2)

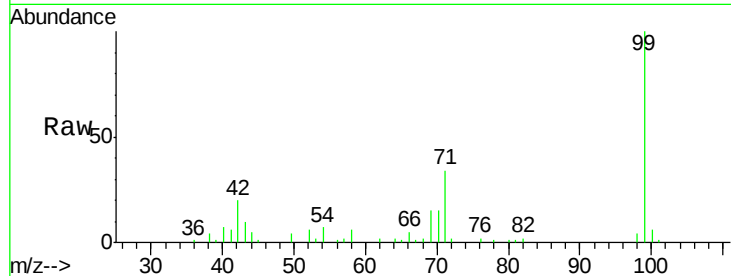
Tot Ion: 99 Resp: 57434

Ion Ratio Lower Upper

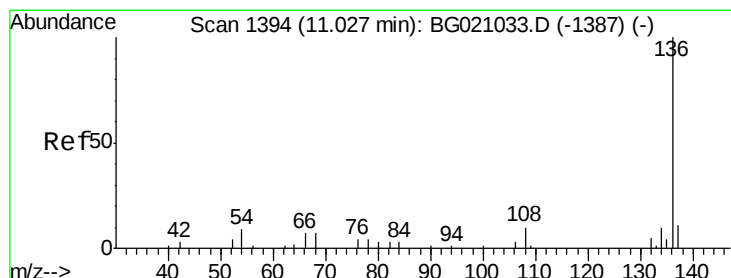
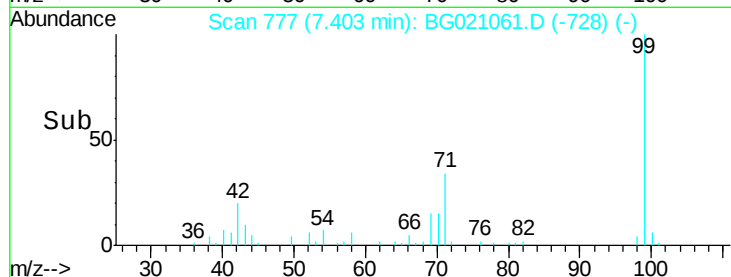
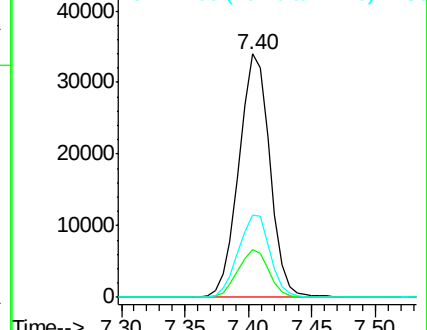
99 100

42 19.5 13.2 19.8

71 33.8 25.2 37.8



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: 11.02 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

Tgt Ion: 136 Resp: 24045

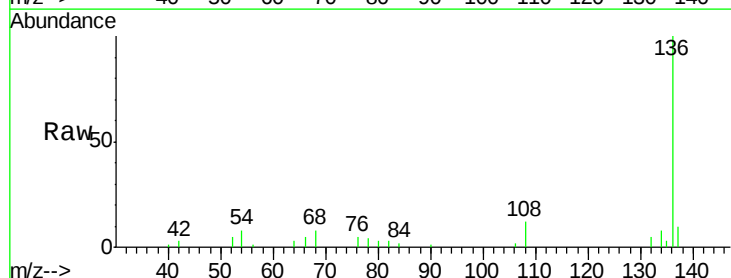
Ion Ratio Lower Upper

136 100

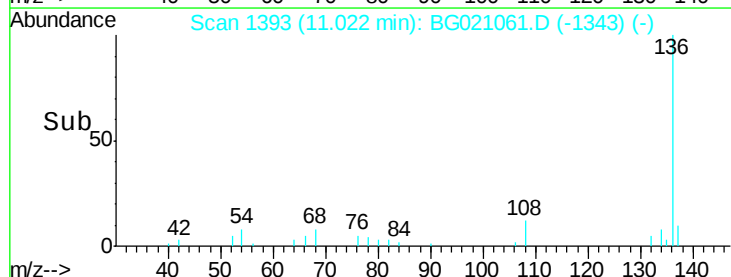
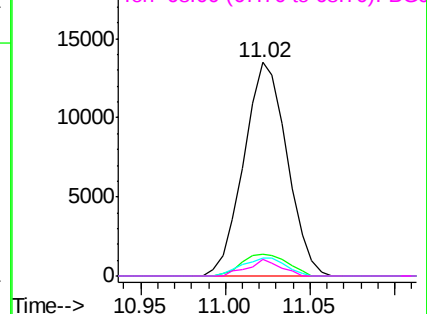
137 10.4 8.8 13.2

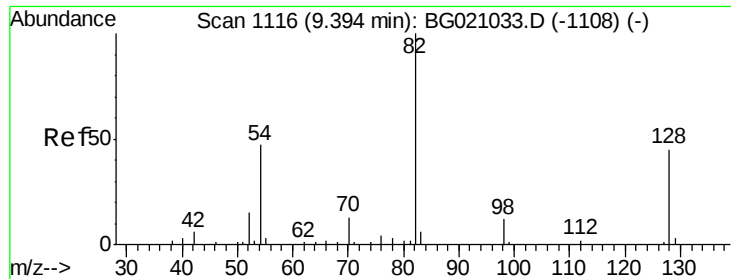
54 8.2 6.9 10.3

68 7.7 5.8 8.6



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

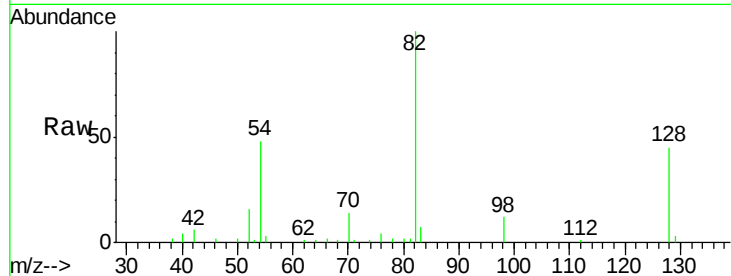




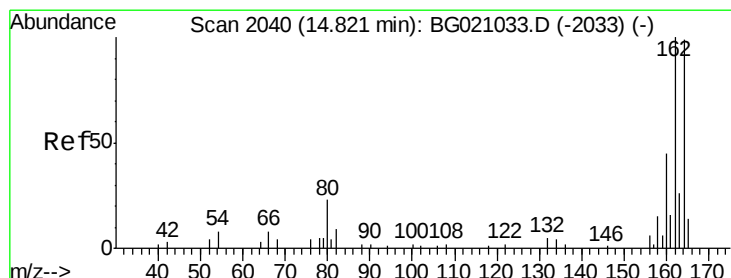
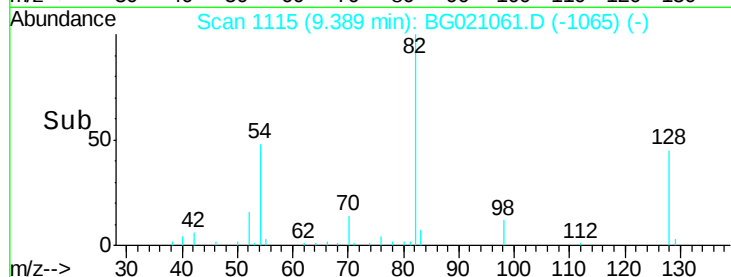
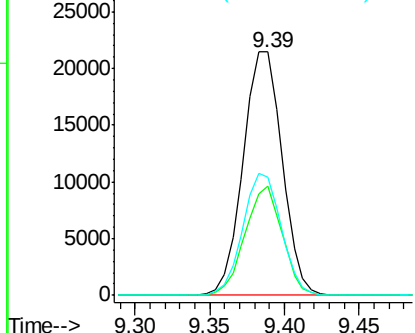
#23
 Nitrobenzene-d5
 Concen: 94.80 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BG021061.D
 Acq: 24 Feb 2016 21:11

Instrument :
 BNA_G
 ClientSampleId :
 SP-1+20(0-2)

Tot Ion	82	Resp	38825
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.3	54.5
54	48.4	37.6	56.4

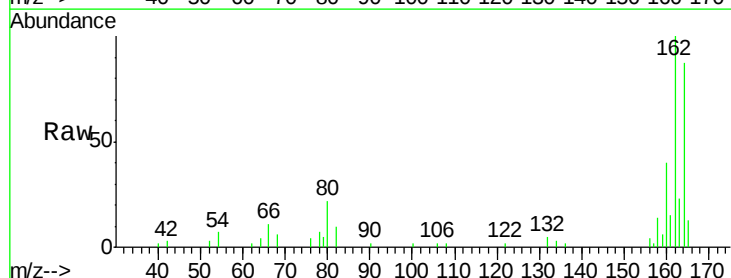


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

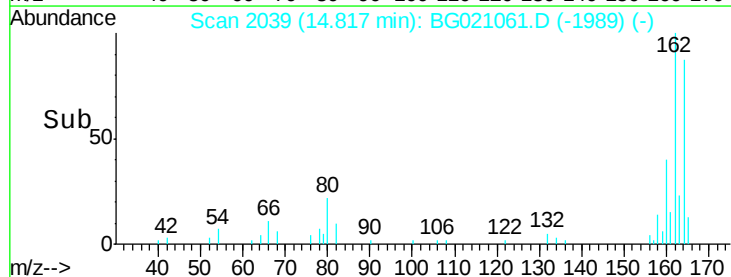
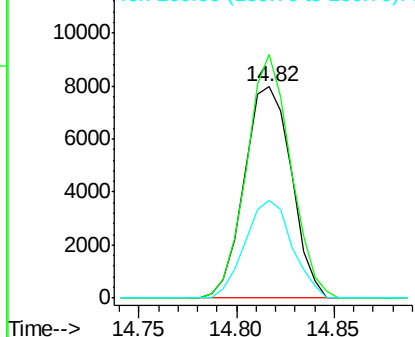


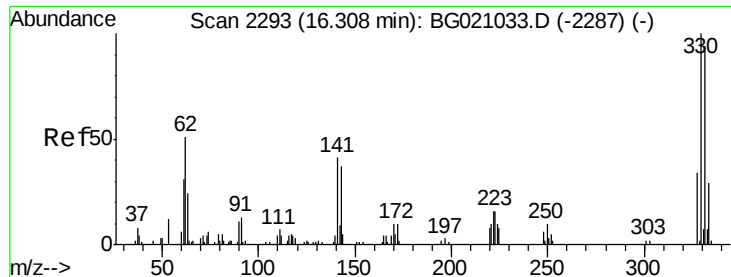
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BG021061.D
 Acq: 24 Feb 2016 21:11

Tgt Ion	164	Resp	13291
Ion Ratio	Lower	Upper	
164	100		
162	115.1	80.6	120.8
160	46.5	36.5	54.7



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

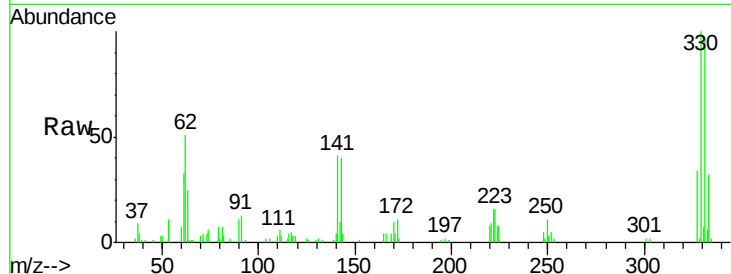




#41
 2,4,6-Tribromophenol
 Concen: 131.28 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG021061.D
 Acq: 24 Feb 2016 21:11

Instrument :
 BNA_G
 ClientSampleId :
 SP-1+20(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	44.0	35.3	52.9

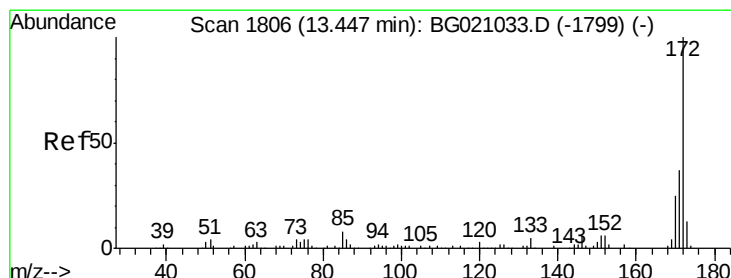
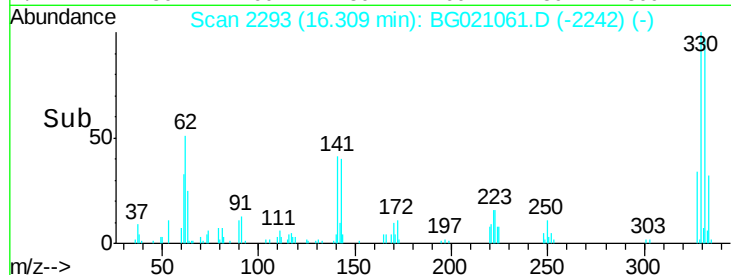
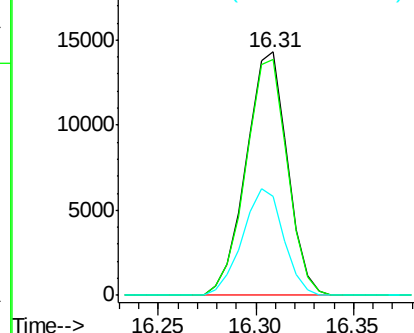


Abundance

Ion 329.80 (329.50 to 330.50): E

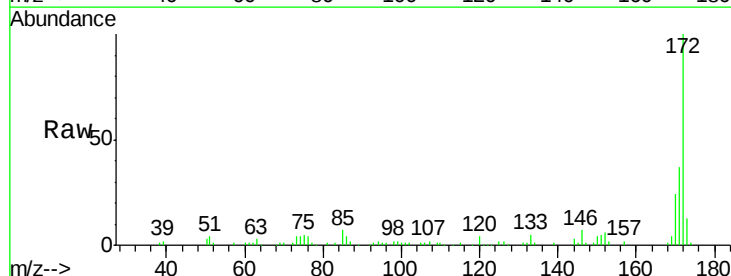
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.31 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG021061.D
 Acq: 24 Feb 2016 21:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.2	19.8	29.8

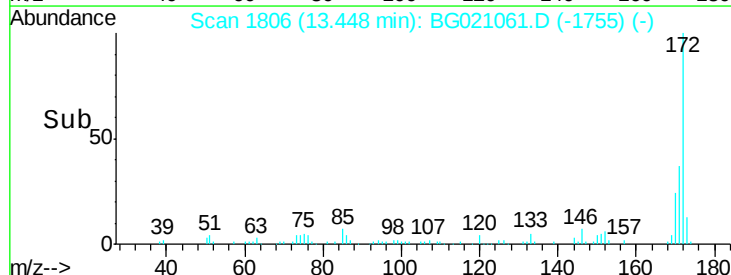
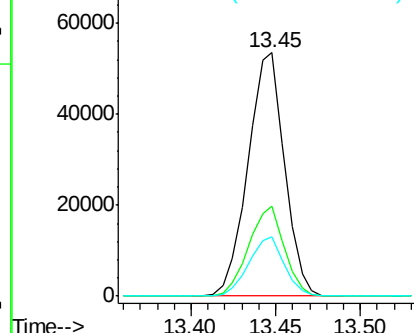


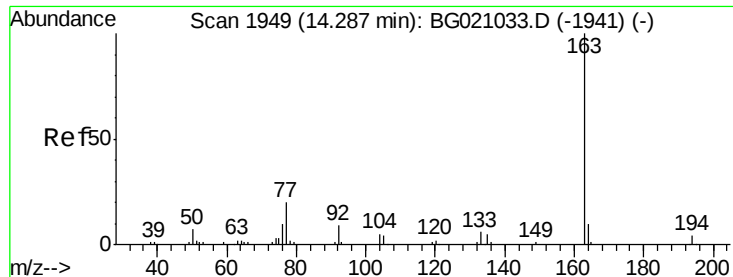
Abundance

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: 14.35 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

Instrument :

BNA_G

ClientSampleId :

SP-1+20(0-2)

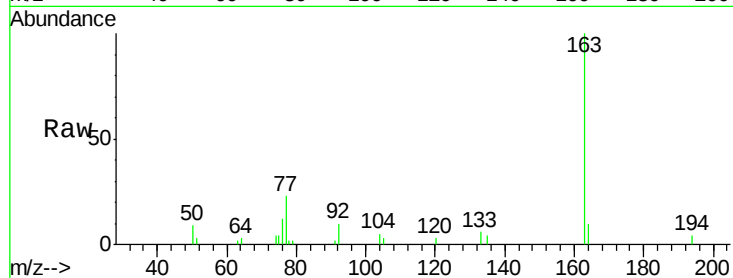
Tot Ion:163 Resp: 15554

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

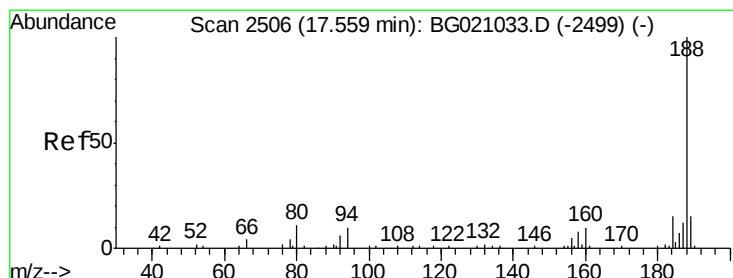
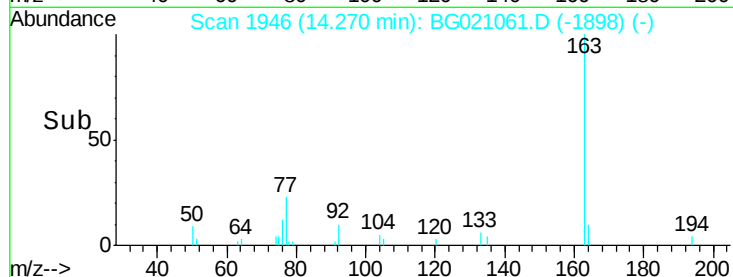
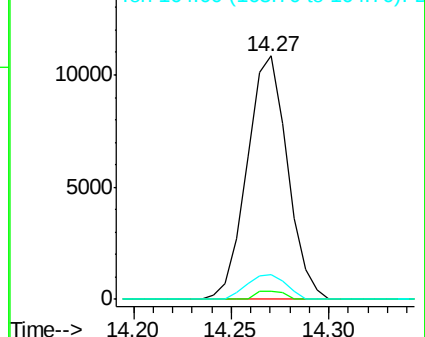
164 10.2 7.9 11.9



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: 17.55 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

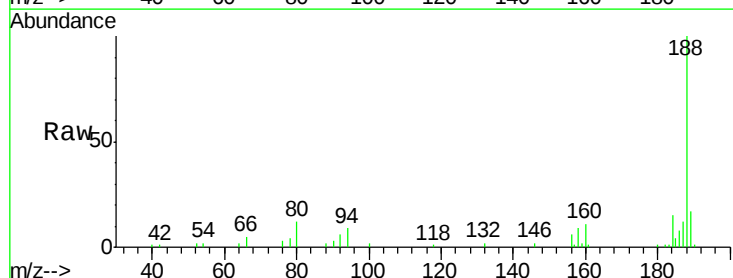
Tgt Ion:188 Resp: 24015

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

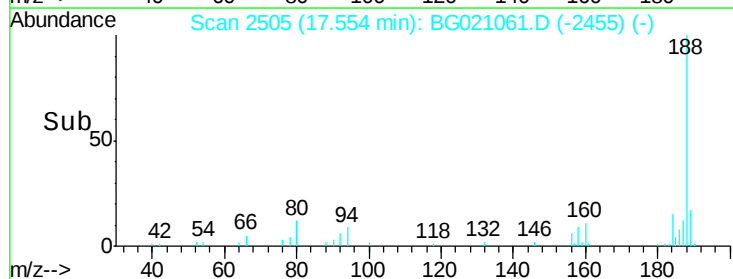
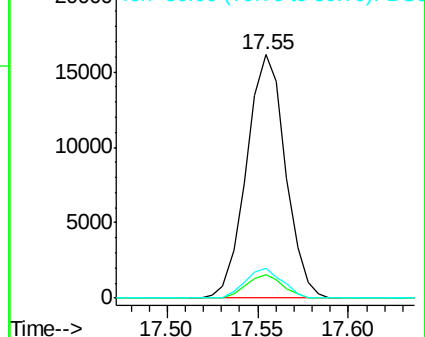
80 12.5 9.2 13.8

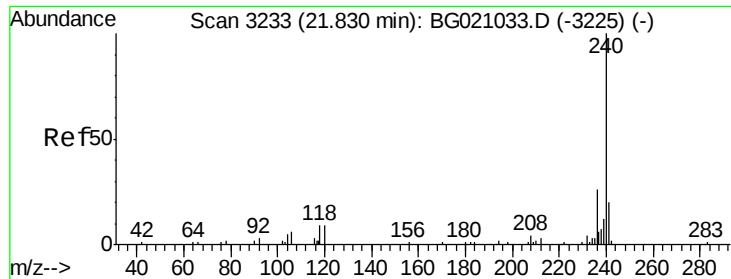


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

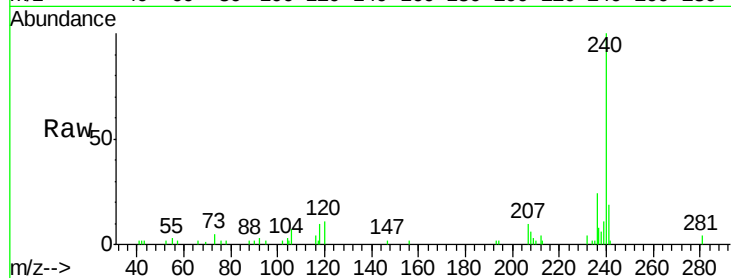




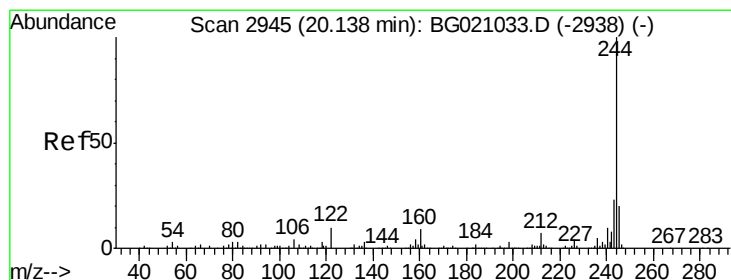
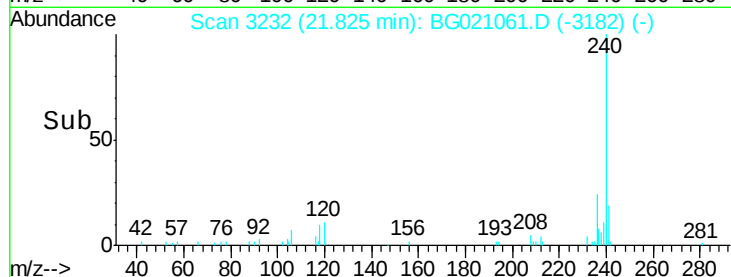
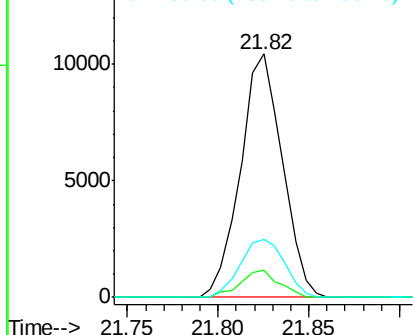
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BG021061.D
Acq: 24 Feb 2016 21:11

Instrument :
BNA_G
ClientSampleId :
SP-1+20(0-2)

Tot Ion:240 Resp: 16744
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 24.0 20.5 30.7

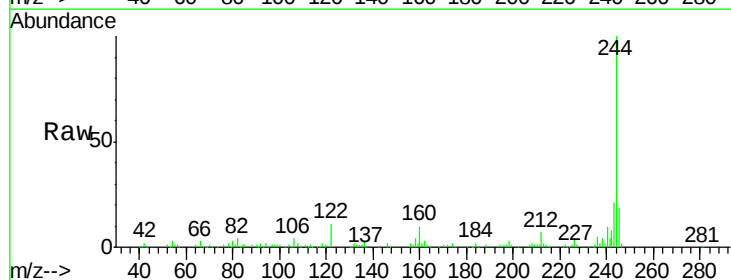


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

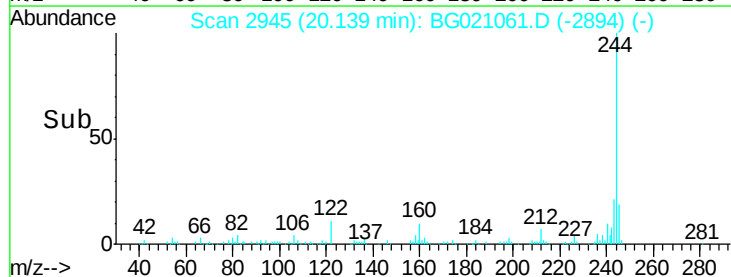
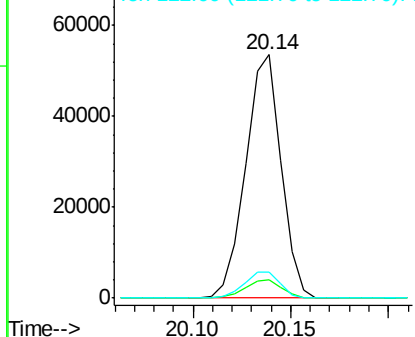


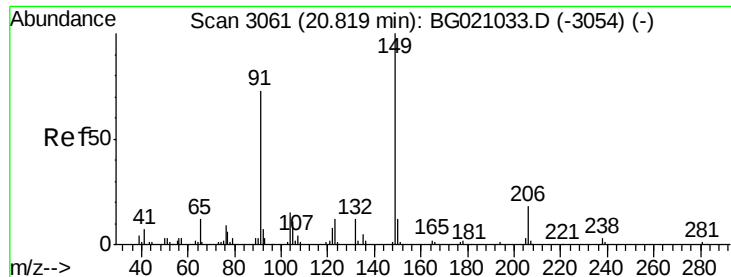
#78
Terphenyl-d14
Concen: 52.18 ng
RT: 20.14 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BG021061.D
Acq: 24 Feb 2016 21:11

Tgt Ion:244 Resp: 67329
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 10.5 8.3 12.5



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

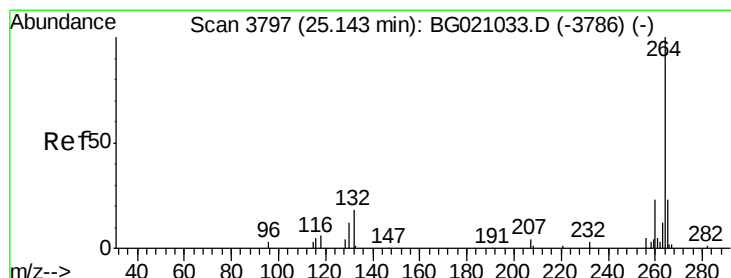
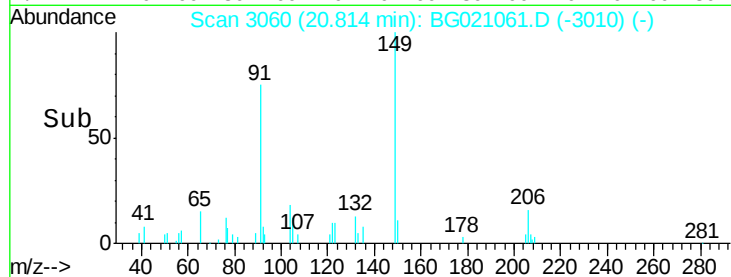
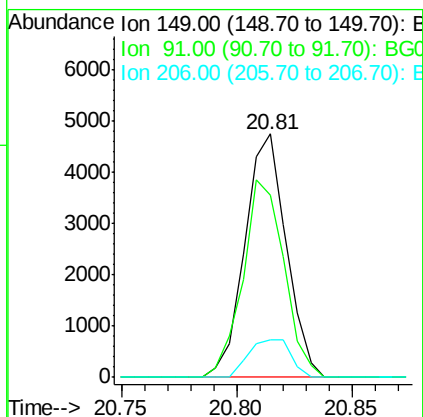
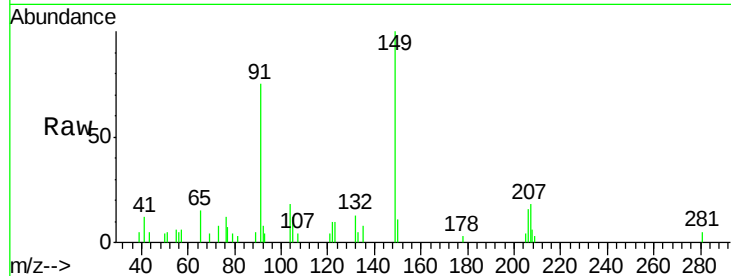




#79
Butylbenzylphthalate
Concen: 8.77 ng
RT: 20.81 min Scan# 3060
Delta R.T. -0.00 min
Lab File: BG021061.D
Acq: 24 Feb 2016 21:11

Instrument :
BNA_G
ClientSampleId :
SP-1+20(0-2)

Tot Ion:149 Resp: 5920
Ion Ratio Lower Upper
149 100
91 74.9 58.6 87.8
206 15.5 14.2 21.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3797
Delta R.T. 0.00 min
Lab File: BG021061.D
Acq: 24 Feb 2016 21:11

Tgt Ion:264 Resp: 16897
Ion Ratio Lower Upper
264 100
260 22.0 18.5 27.7
265 17.8 18.6 28.0#

