

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021063.D
 Acq On : 24 Feb 2016 22:31
 Operator : UM/SJ
 Sample : H1521-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 24 23:59:44 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

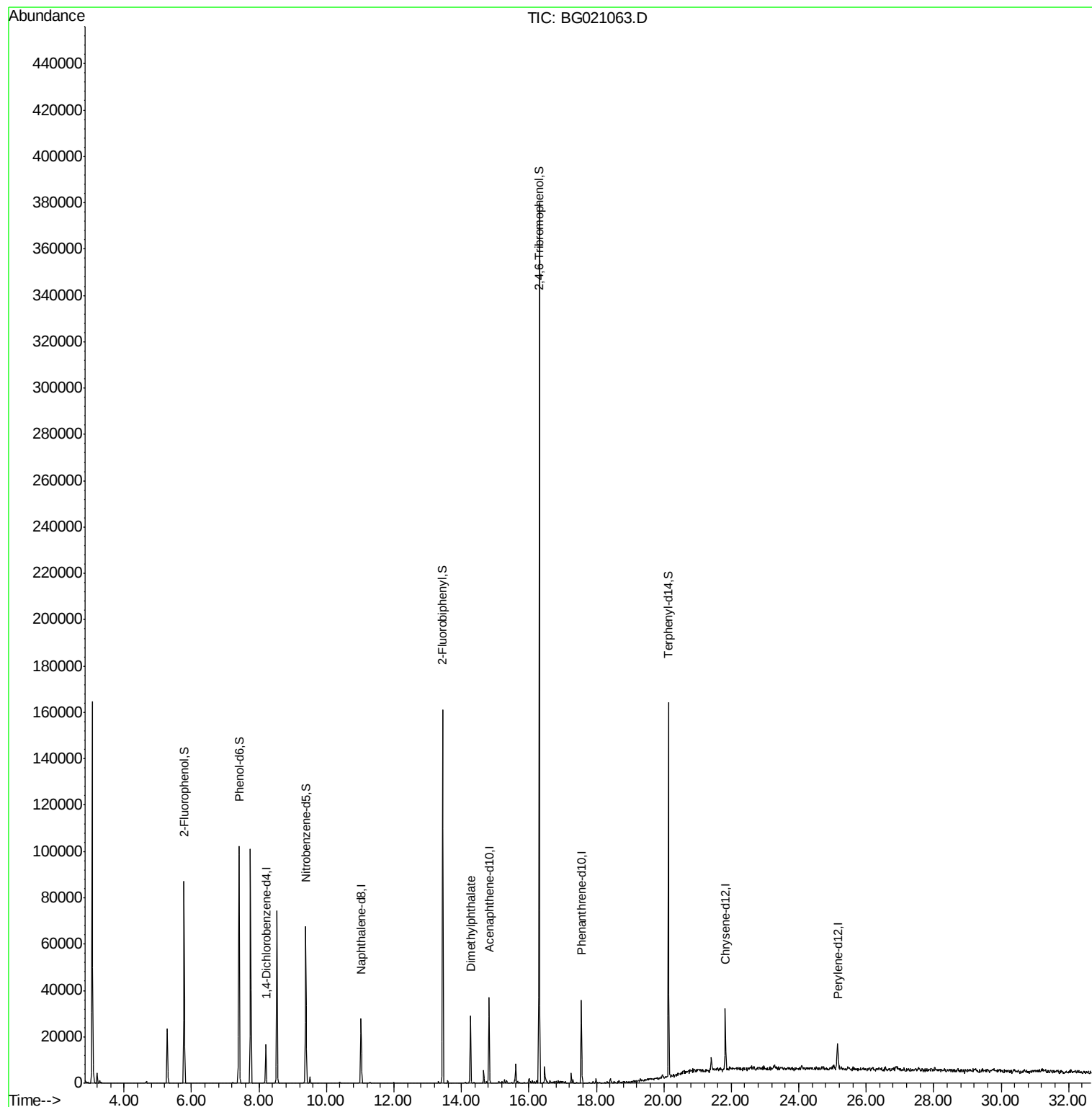
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	4987	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	25898	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	12558	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	22140	20.00	ng	0.00
75) Chrysene-d12	21.83	240	16144	20.00	ng	0.00
86) Perylene-d12	25.16	264	14651	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	40506	142.40	ng	0.00
7) Phenol-d6	7.41	99	63139	144.13	ng	0.00
23) Nitrobenzene-d5	9.39	82	42935	97.34	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	19886	132.18	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	81087	89.89	ng	0.00
78) Terphenyl-d14	20.14	244	60318	48.48	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.27	163	18580	18.14	ng	# 99

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

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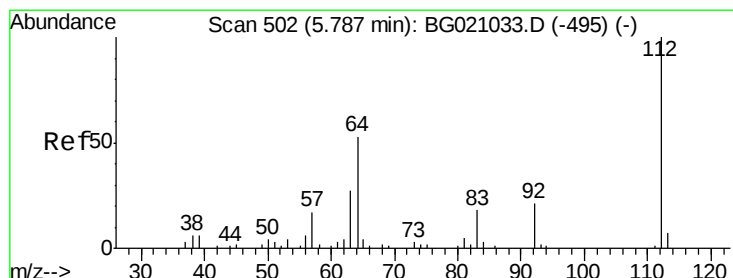
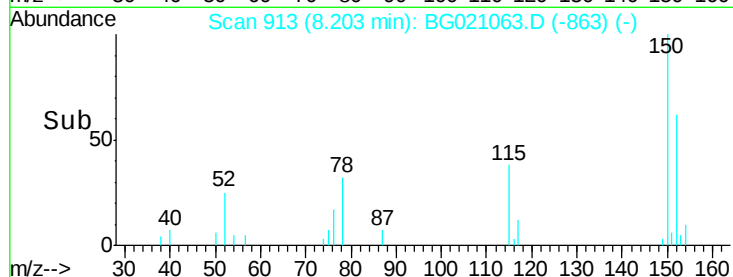
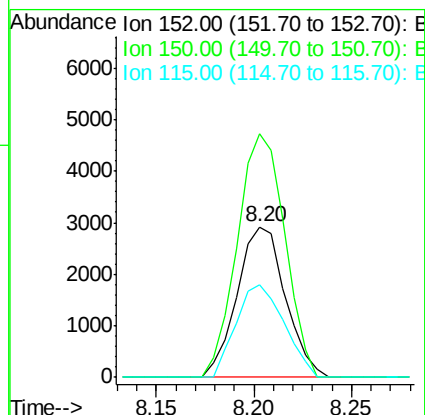
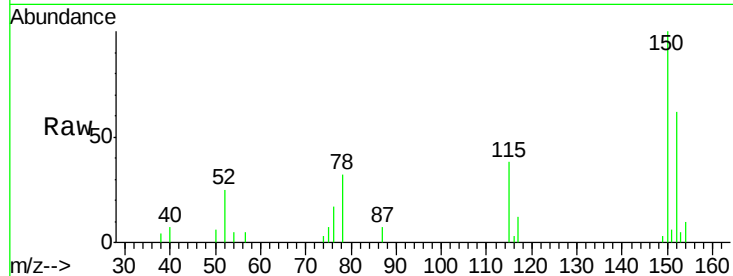


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG021063.D
Acq: 24 Feb 2016 22:31

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

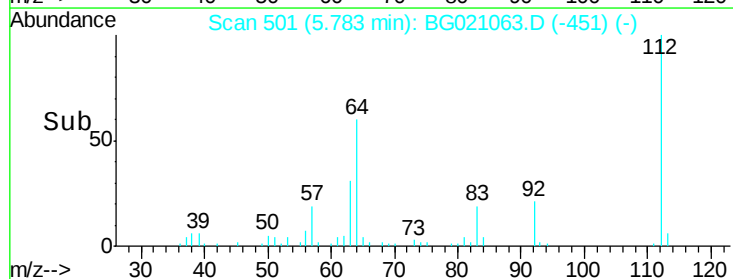
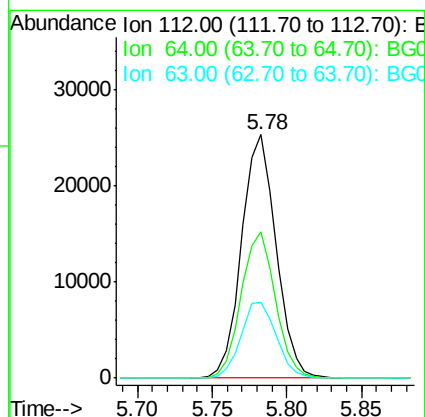
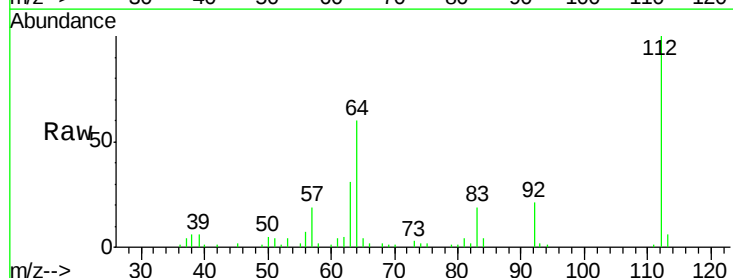
Tot Ion:152 Resp: 4987
Ion Ratio Lower Upper
152 100
150 161.8 123.4 185.2
115 61.2 43.3 64.9



#5

2-Fluorophenol
Concen: 142.40 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.00 min
Lab File: BG021063.D
Acq: 24 Feb 2016 22:31

Tgt Ion:112 Resp: 40506
Ion Ratio Lower Upper
112 100
64 60.0 42.6 63.8
63 30.9 21.7 32.5





#7

Phenol-d6

Concen: 144.13 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG021063.D

Acq: 24 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SP-2+20(0-2)

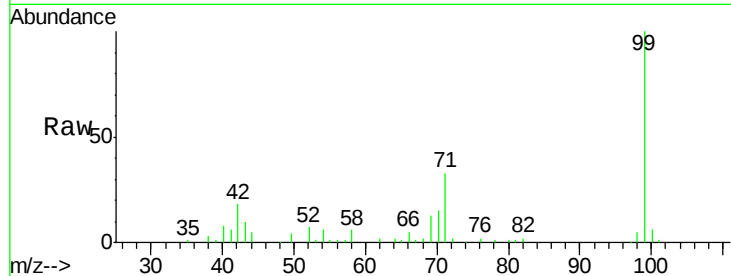
Tot Ion: 99 Resp: 63139

Ion Ratio Lower Upper

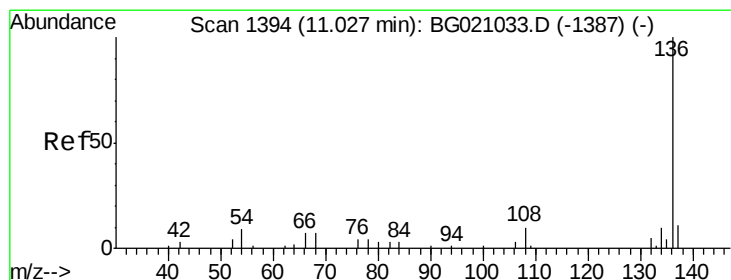
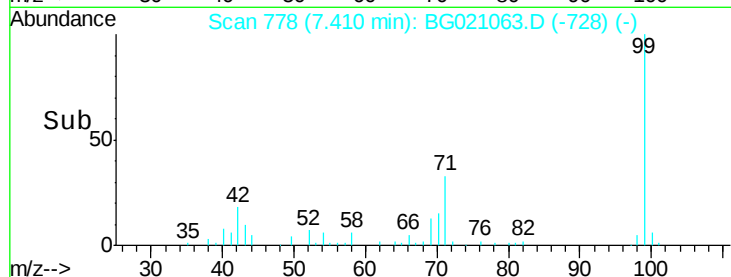
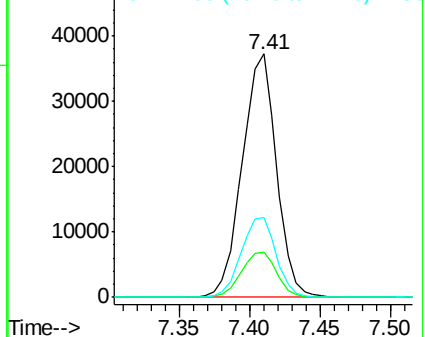
99 100

42 18.3 13.2 19.8

71 32.8 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: BG021063.D

Acq: 24 Feb 2016 22:31

Tgt Ion: 136 Resp: 25898

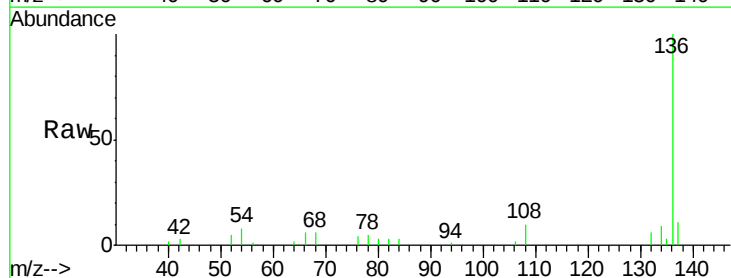
Ion Ratio Lower Upper

136 100

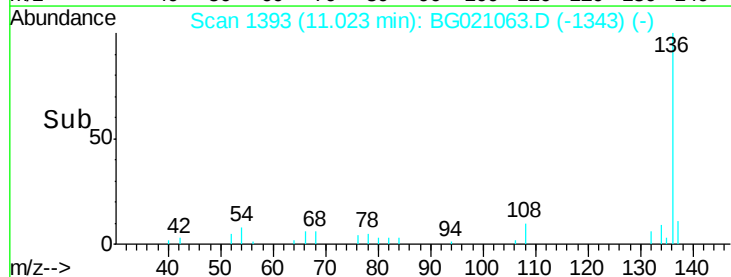
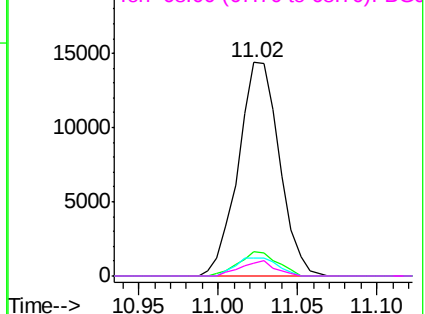
137 11.2 8.8 13.2

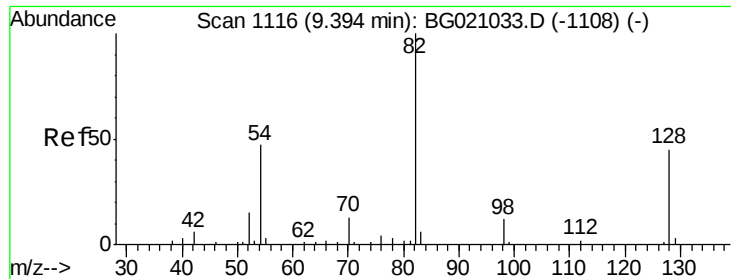
54 8.1 6.9 10.3

68 6.0 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

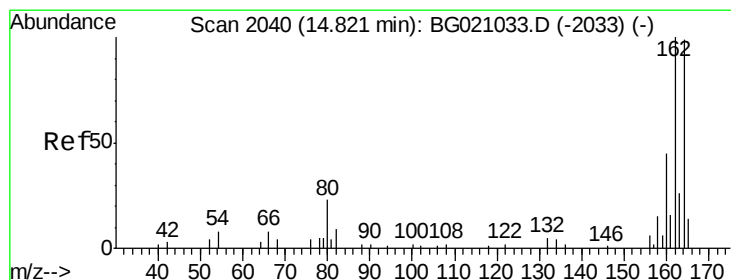
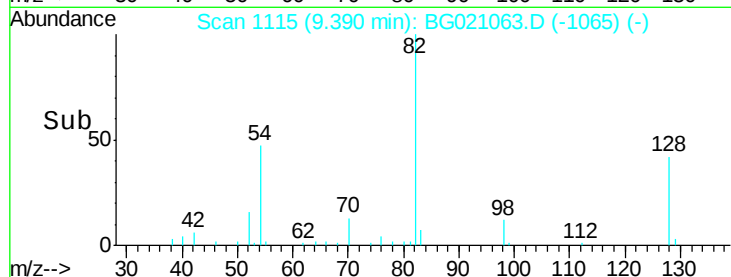
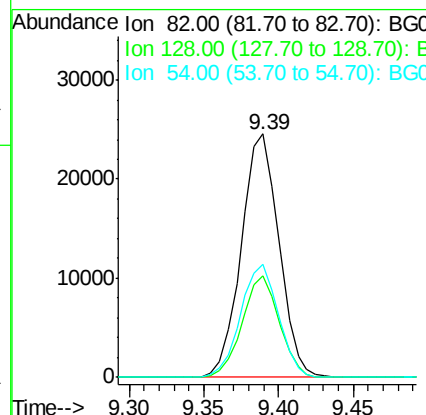
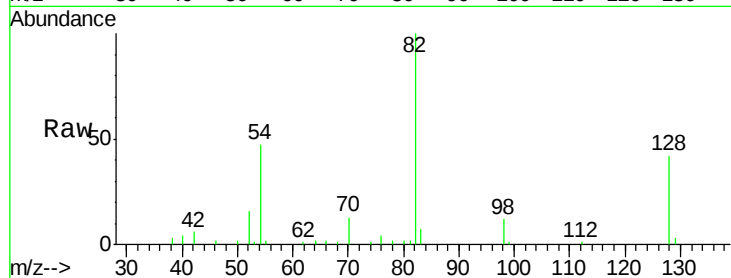




#23
 Nitrobenzene-d5
 Concen: 97.34 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BG021063.D
 Acq: 24 Feb 2016 22:31

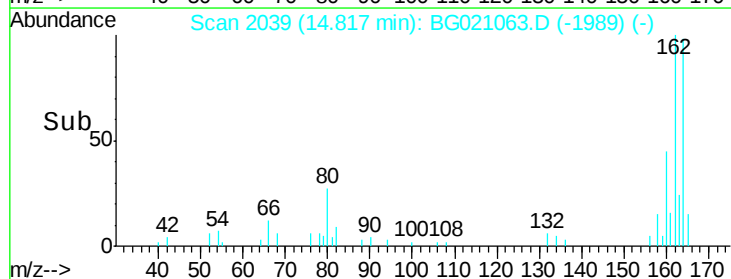
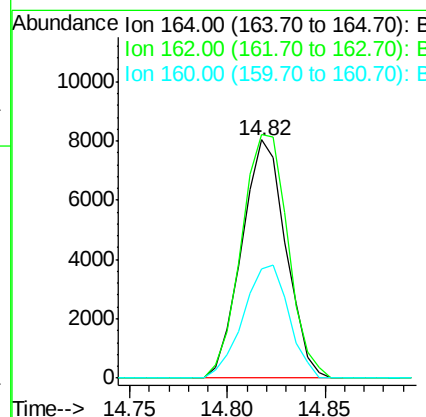
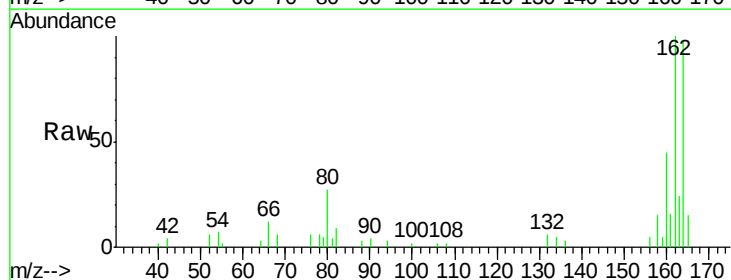
Instrument :
 BNA_G
 ClientSampleId :
 SP-2+20(0-2)

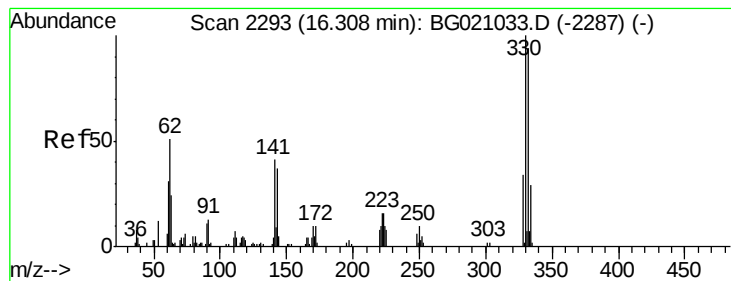
Tot Ion	82	Resp	42935
Ion Ratio	Lower	Upper	
82	100		
128	41.6	36.3	54.5
54	46.6	37.6	56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BG021063.D
 Acq: 24 Feb 2016 22:31

Tgt Ion	164	Resp	12558
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.6	120.8
160	46.0	36.5	54.7





#41

2,4,6-Tribromophenol

Concen: 132.18 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG021063.D

Acq: 24 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SP-2+20(0-2)

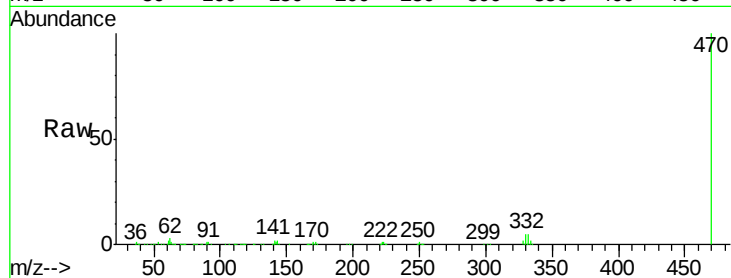
Tot Ion:330 Resp: 19886

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

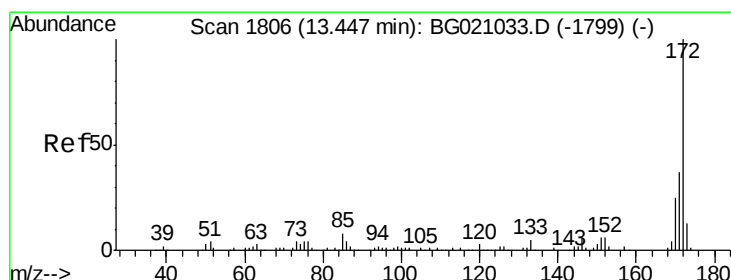
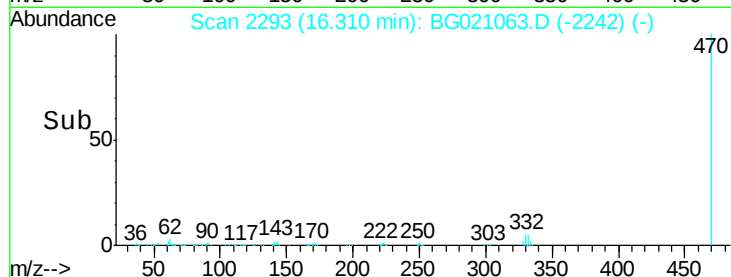
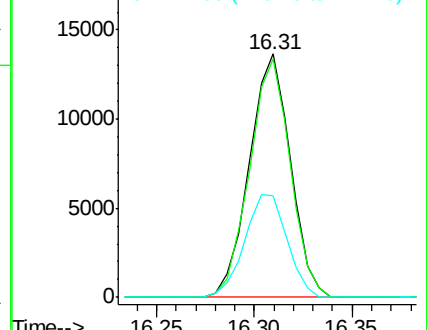
141 43.6 35.3 52.9



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: 89.89 ng

RT: 13.45 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BG021063.D

Acq: 24 Feb 2016 22:31

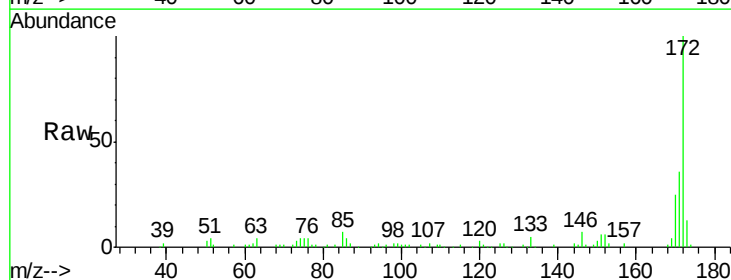
Tgt Ion:172 Resp: 81087

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

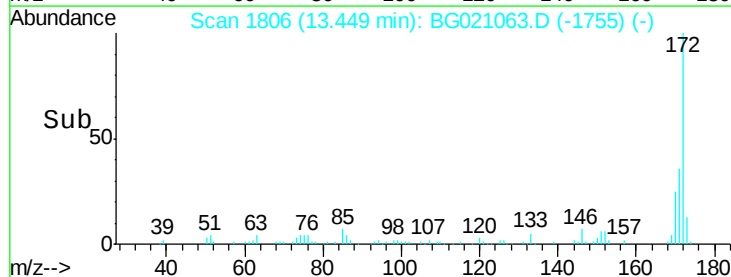
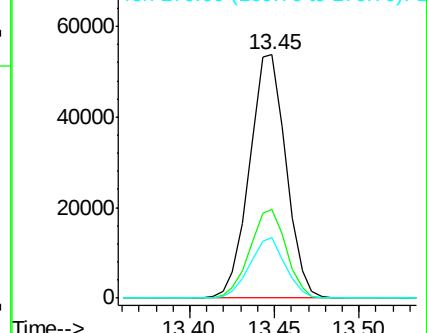
170 24.7 19.8 29.8

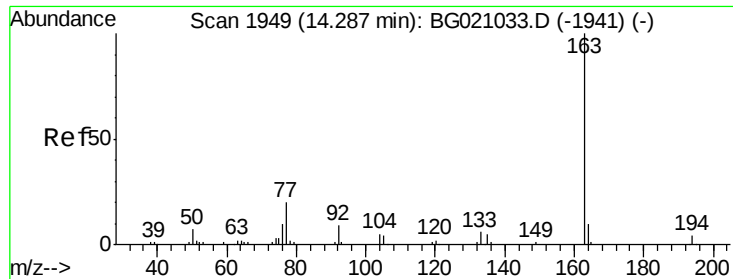


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 18.14 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021063.D

Acq: 24 Feb 2016 22:31

Instrument :

BNA_G

ClientSampleId :

SP-2+20(0-2)

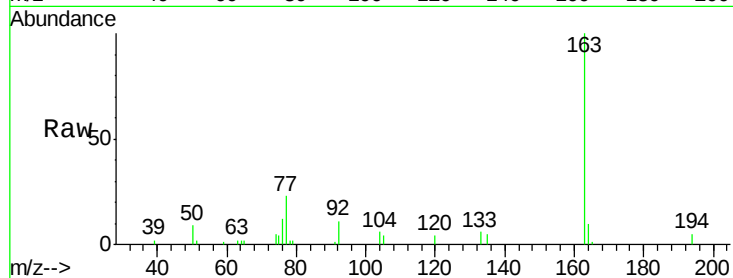
Tot Ion:163 Resp: 18580

Ion Ratio Lower Upper

163 100

194 4.7 2.8 4.2#

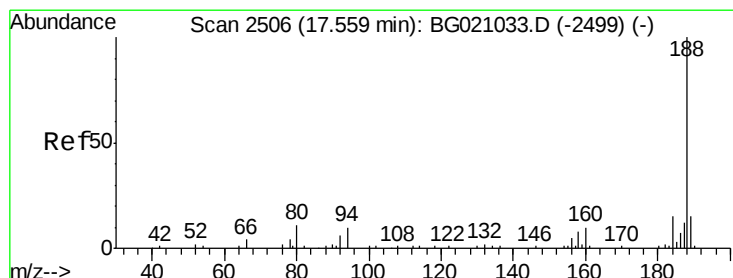
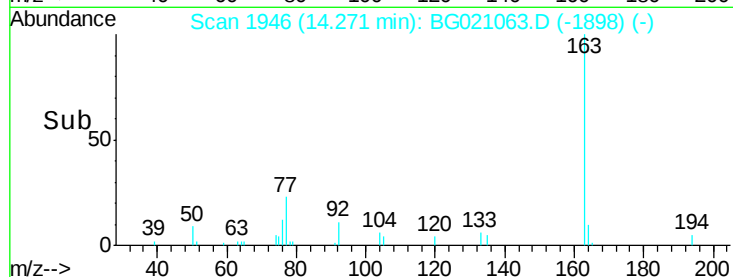
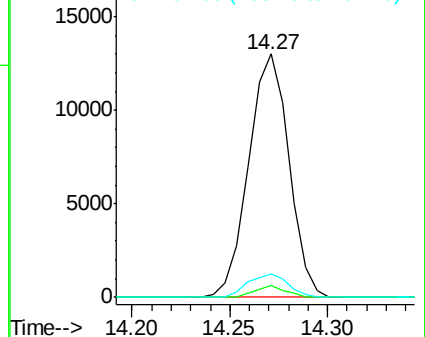
164 9.7 7.9 11.9



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: BG021063.D

Acq: 24 Feb 2016 22:31

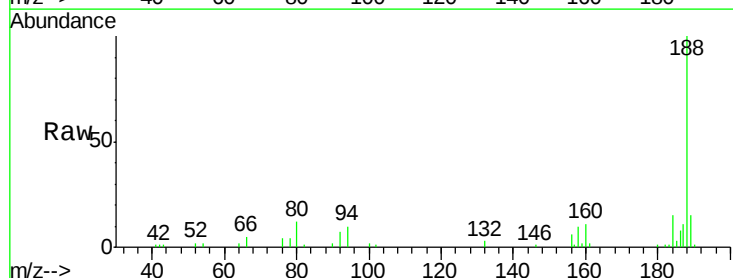
Tgt Ion:188 Resp: 22140

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

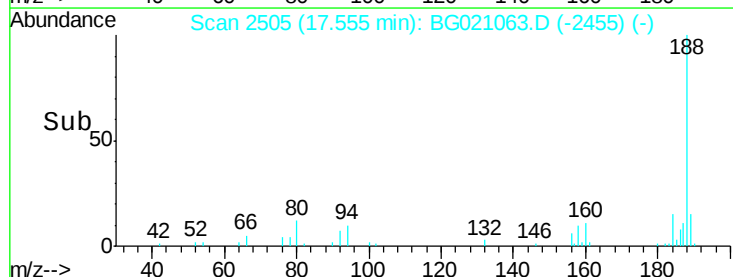
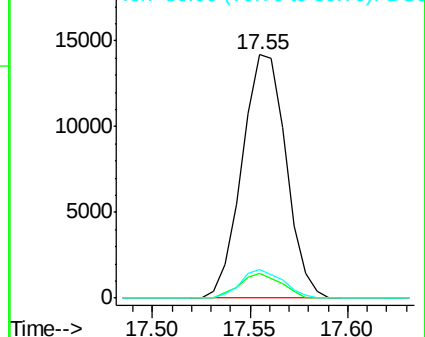
80 11.9 9.2 13.8

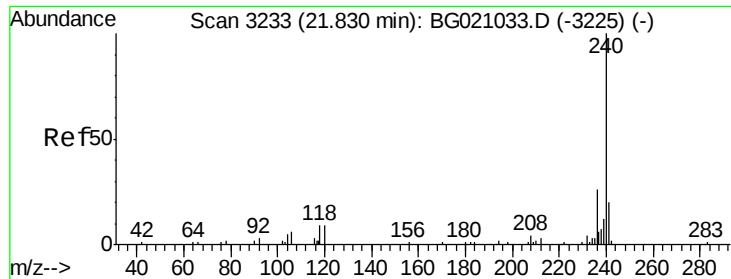


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

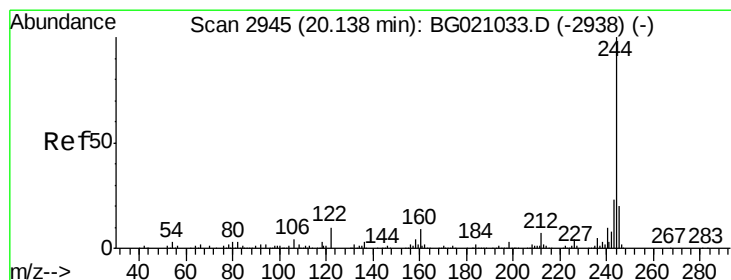
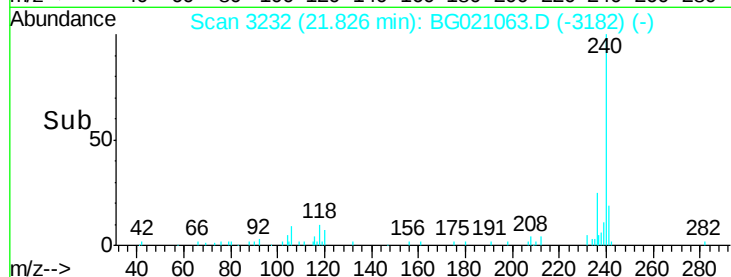
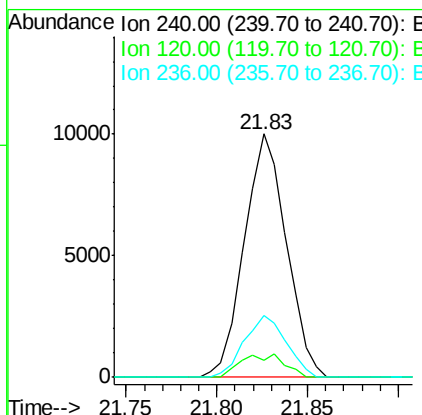
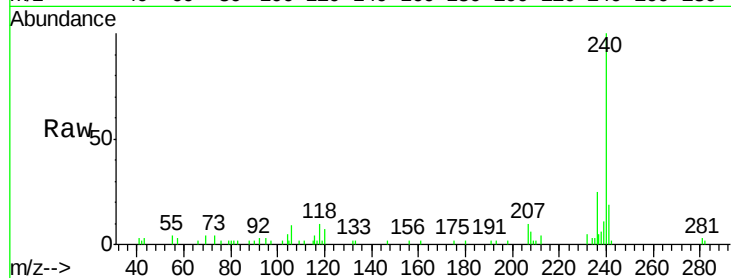




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.00 min
 Lab File: BG021063.D
 Acq: 24 Feb 2016 22:31

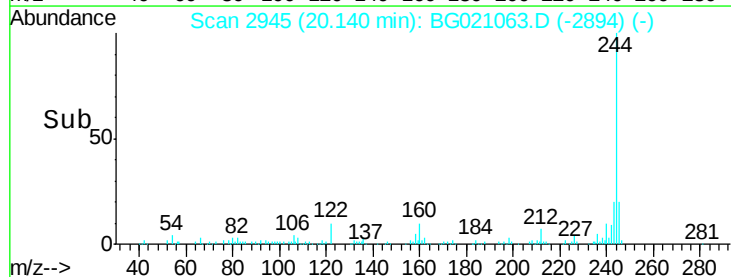
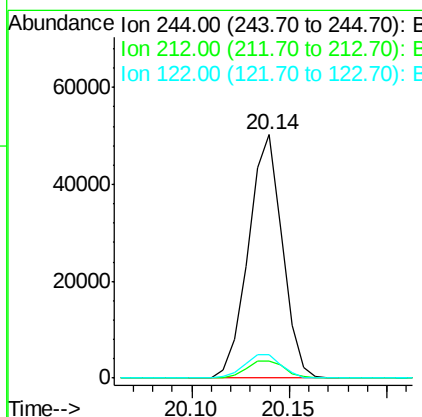
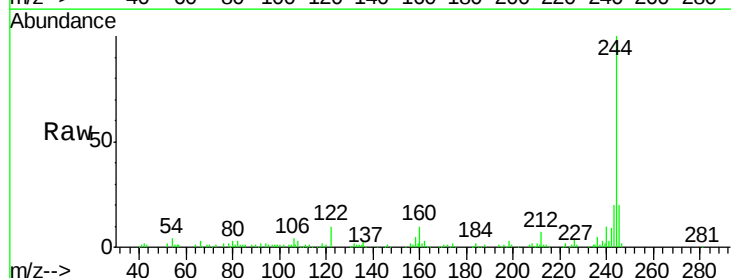
Instrument :
 BNA_G
 ClientSampleId :
 SP-2+20(0-2)

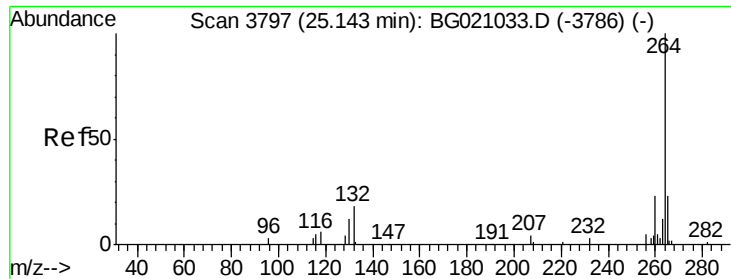
Tot Ion:240 Resp: 16144
 Ion Ratio Lower Upper
 240 100
 120 7.0 7.5 11.3#
 236 25.5 20.5 30.7



#78
 Terphenyl-d14
 Concen: 48.48 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: BG021063.D
 Acq: 24 Feb 2016 22:31

Tgt Ion:244 Resp: 60318
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.5 8.3 12.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. 0.01 min
Lab File: BG021063.D
Acq: 24 Feb 2016 22:31

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.5	27.7
265	23.4	18.6	28.0

