

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021066.D
 Acq On : 25 Feb 2016 00:31
 Operator : UM/SJ
 Sample : H1521-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-4(0-2)

Quant Time: Feb 25 03:32:52 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

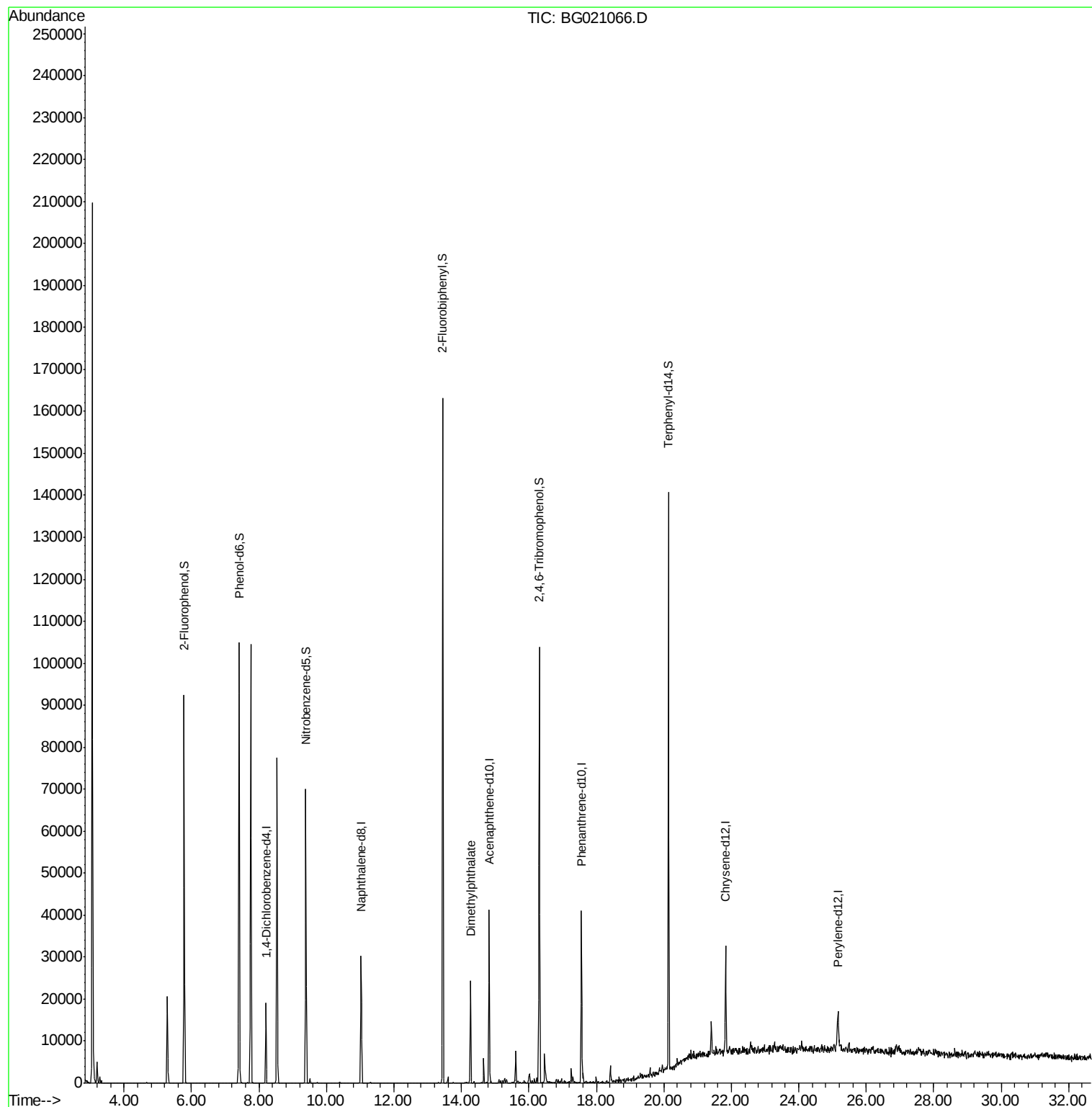
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	5629	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	27683	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13439	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	23863	20.00	ng	0.00
75) Chrysene-d12	21.83	240	16219	20.00	ng	0.00
86) Perylene-d12	25.16	264	12811	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	41461	129.13	ng	0.00
7) Phenol-d6	7.41	99	64114	129.66	ng	0.00
23) Nitrobenzene-d5	9.39	82	43911	93.13	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	17320	107.58	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	78413	81.23	ng	0.00
78) Terphenyl-d14	20.14	244	51483	41.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	15864	14.48	ng	Qvalue # 99

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

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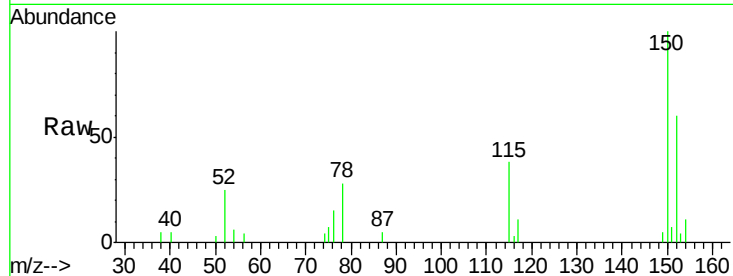


#1

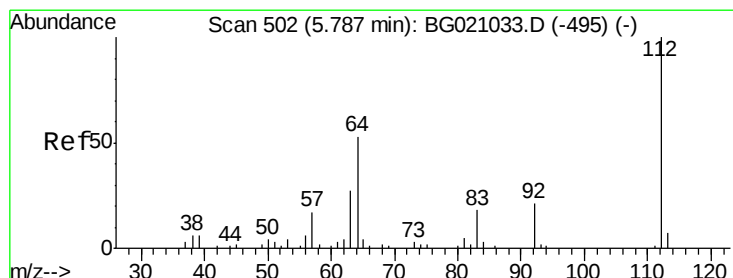
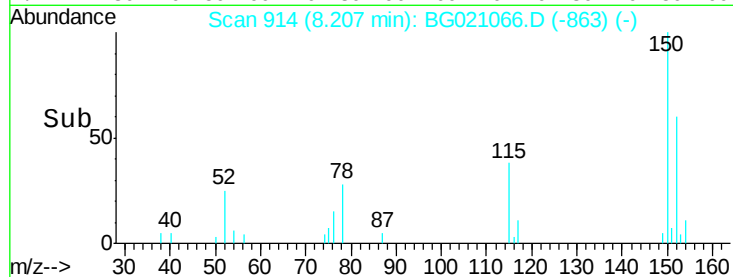
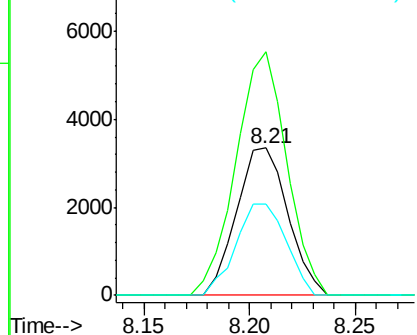
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG021066.D
Acq: 25 Feb 2016 00:31

Instrument :
BNA_G
ClientSampleId :
SP-4(0-2)

Tot Ion:152 Resp: 5629
Ion Ratio Lower Upper
152 100
150 165.5 123.4 185.2
115 62.5 43.3 64.9



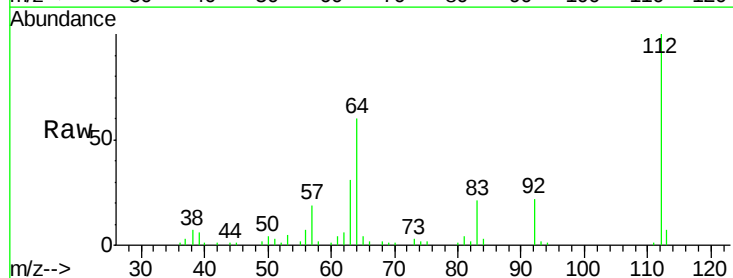
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



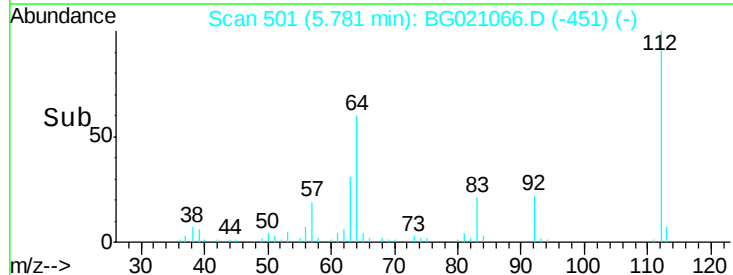
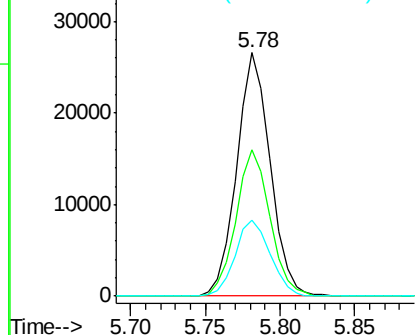
#5

2-Fluorophenol
Concen: 129.13 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.01 min
Lab File: BG021066.D
Acq: 25 Feb 2016 00:31

Tgt Ion:112 Resp: 41461
Ion Ratio Lower Upper
112 100
64 60.3 42.6 63.8
63 31.2 21.7 32.5



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: 129.66 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021066.D

Acq: 25 Feb 2016 00:31

Instrument :

BNA_G

ClientSampleId :

SP-4(0-2)

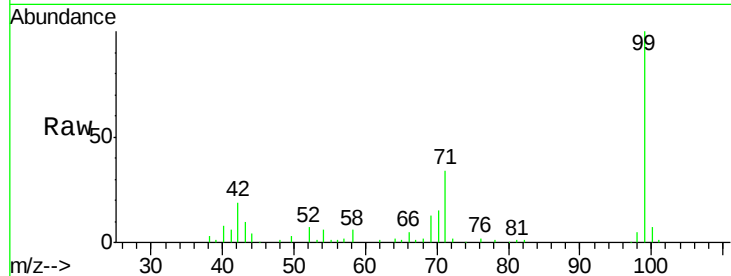
Tot Ion: 99 Resp: 64114

Ion Ratio Lower Upper

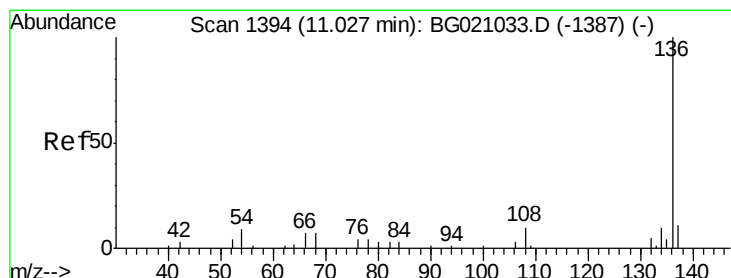
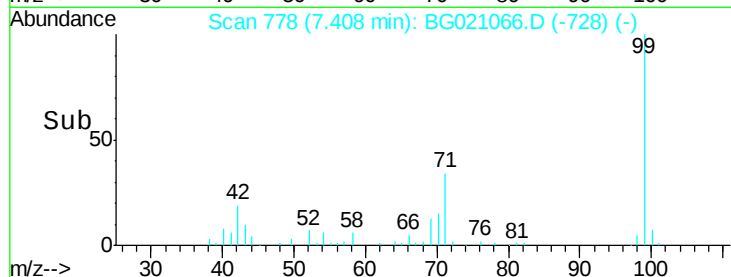
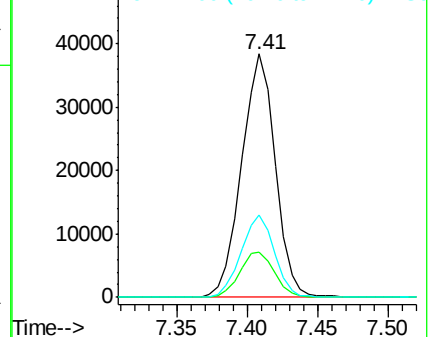
99 100

42 18.7 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: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG021066.D

Acq: 25 Feb 2016 00:31

Tgt Ion: 136 Resp: 27683

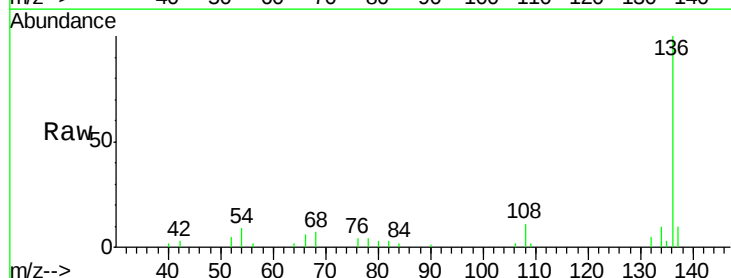
Ion Ratio Lower Upper

136 100

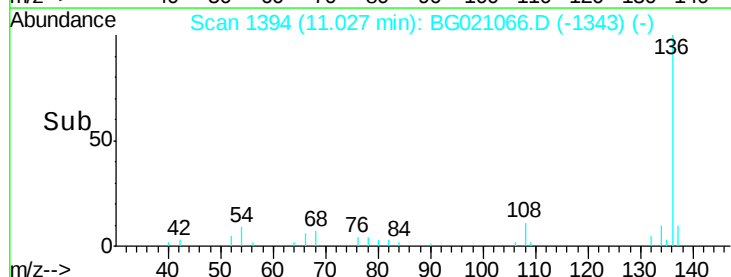
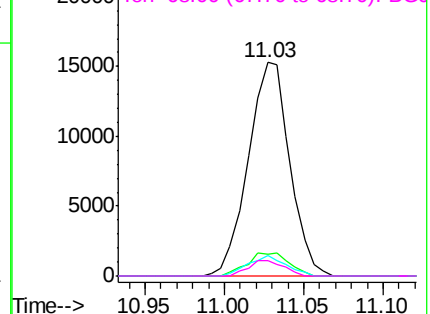
137 10.4 8.8 13.2

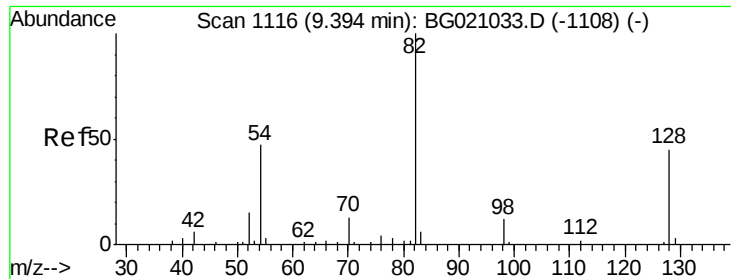
54 9.4 6.9 10.3

68 7.3 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

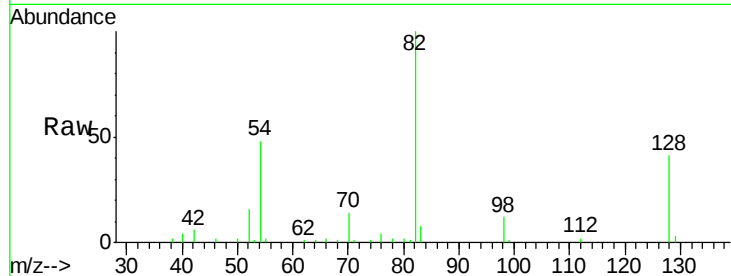




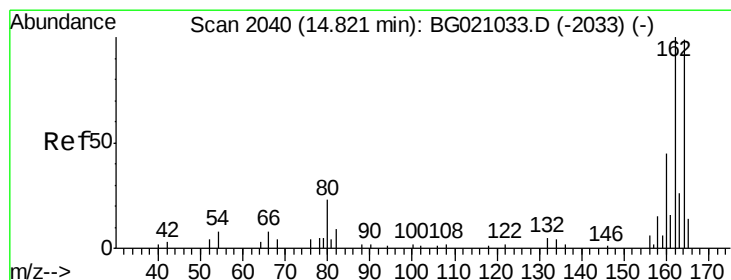
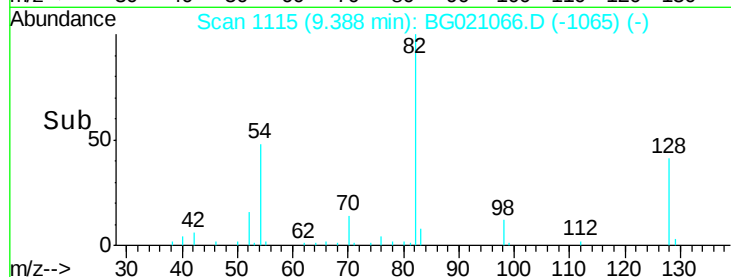
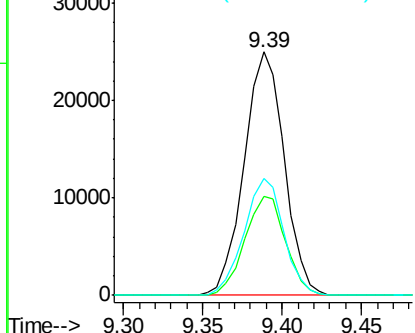
#23
Nitrobenzene-d5
Concen: 93.13 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG021066.D
Acq: 25 Feb 2016 00:31

Instrument :
BNA_G
ClientSampleId :
SP-4(0-2)

Tot Ion	82	Resp	43911
Ion Ratio	Lower	Upper	
82	100		
128	40.8	36.3	54.5
54	48.3	37.6	56.4

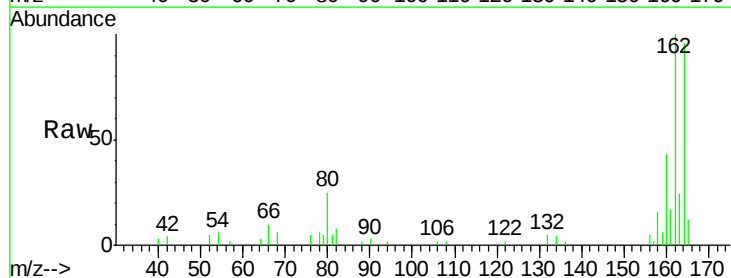


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

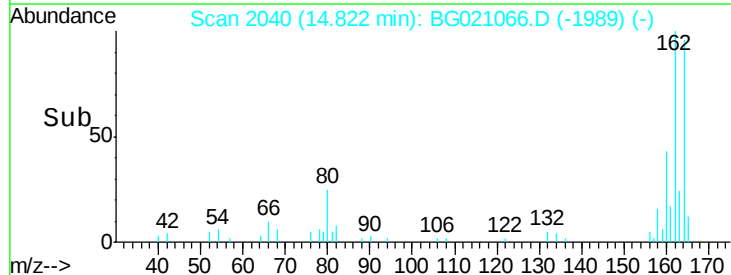
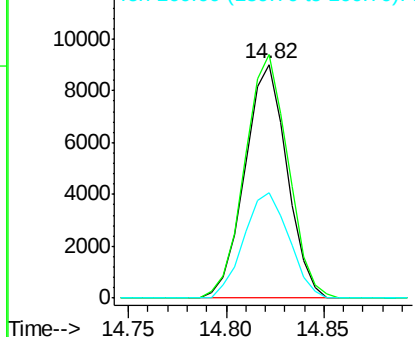


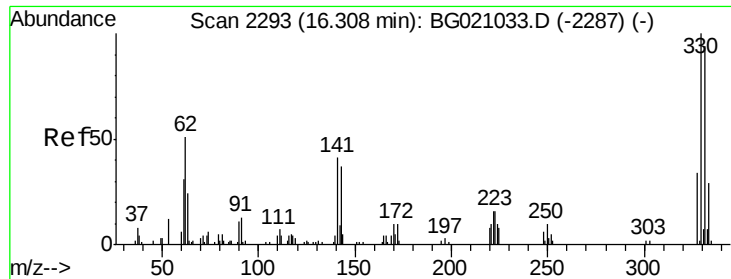
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG021066.D
Acq: 25 Feb 2016 00:31

Tgt Ion	164	Resp	13439
Ion Ratio	Lower	Upper	
164	100		
162	104.3	80.6	120.8
160	45.3	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: 107.58 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG021066.D

Acq: 25 Feb 2016 00:31

Instrument :

BNA_G

ClientSampleId :

SP-4(0-2)

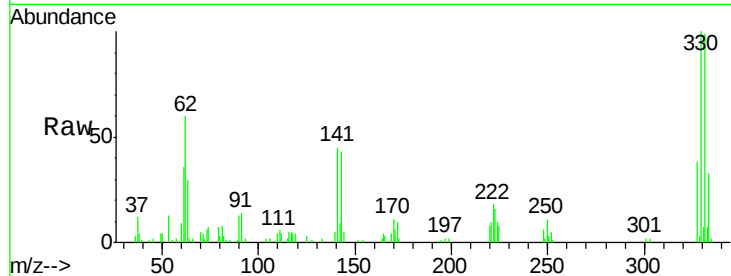
Tot Ion:330 Resp: 17320

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

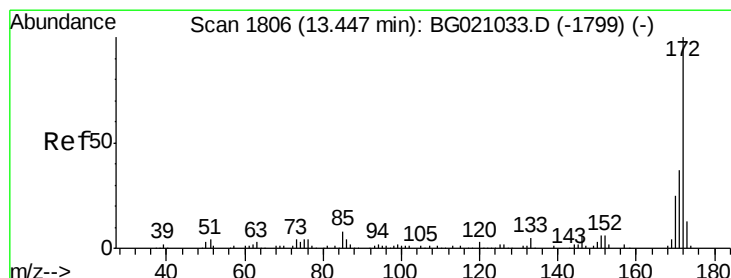
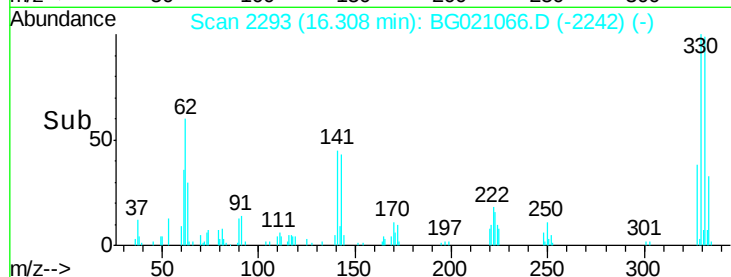
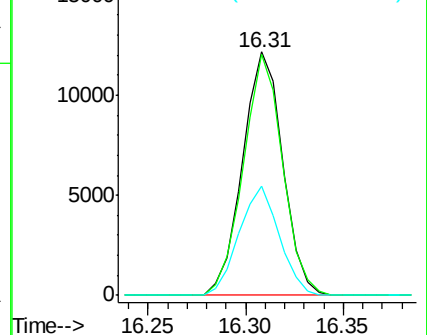
141 44.7 35.3 52.9



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: 81.23 ng

RT: 13.45 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BG021066.D

Acq: 25 Feb 2016 00:31

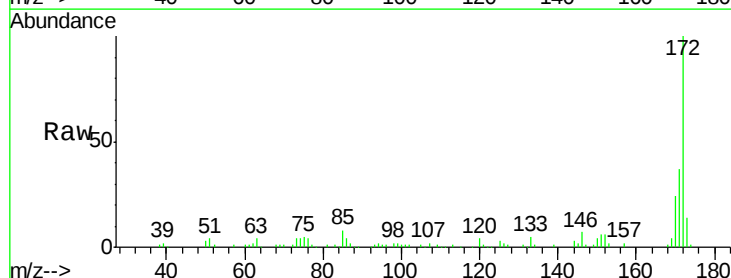
Tgt Ion:172 Resp: 78413

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.0

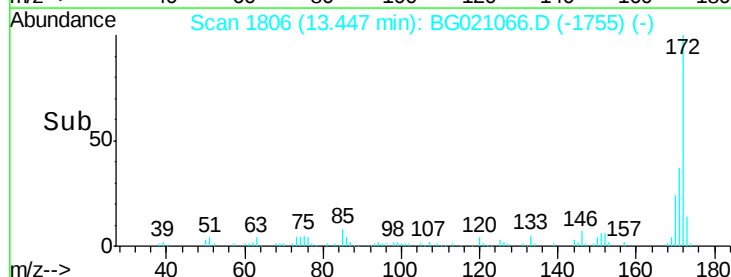
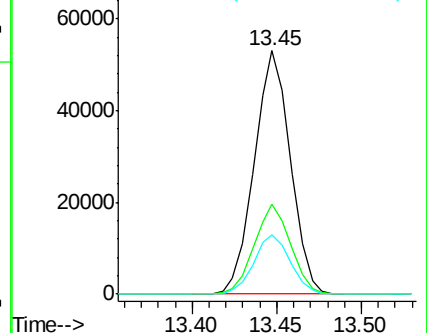
170 24.2 19.8 29.8

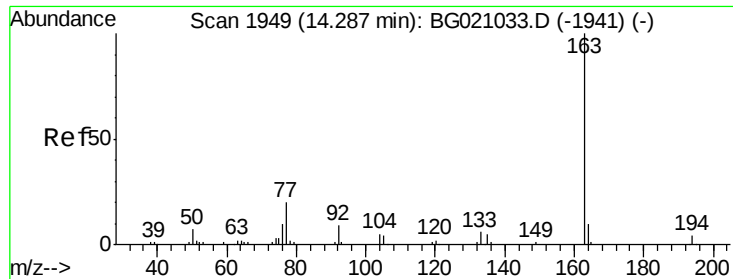


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.48 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021066.D

Acq: 25 Feb 2016 00:31

Instrument :

BNA_G

ClientSampleId :

SP-4(0-2)

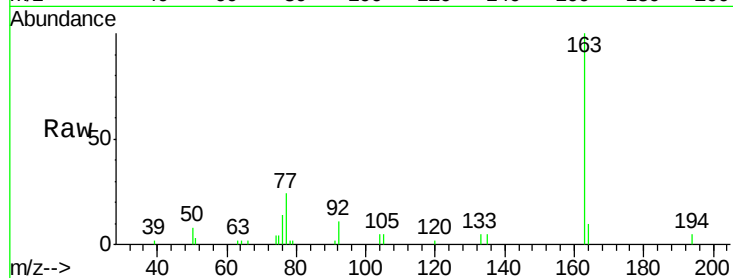
Tot Ion:163 Resp: 15864

Ion Ratio Lower Upper

163 100

194 4.6 2.8 4.2#

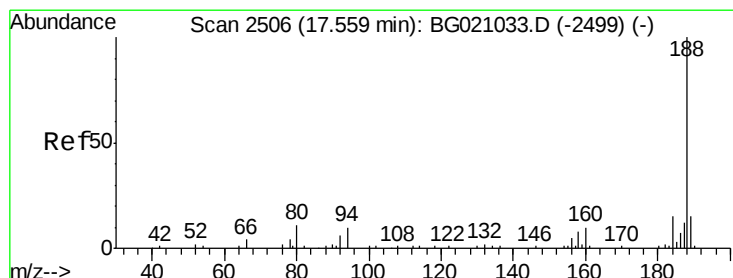
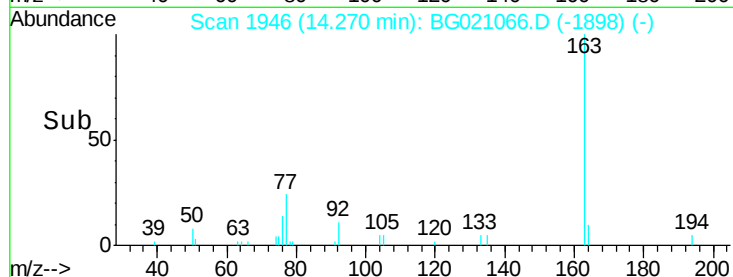
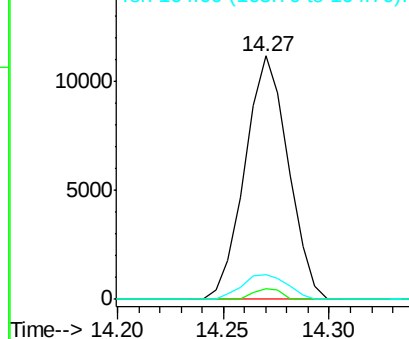
164 10.1 7.9 11.9



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: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG021066.D

Acq: 25 Feb 2016 00:31

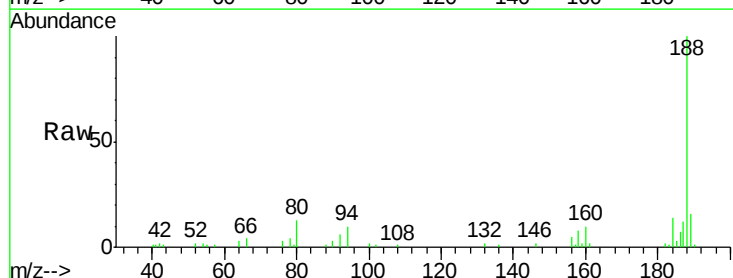
Tgt Ion:188 Resp: 23863

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

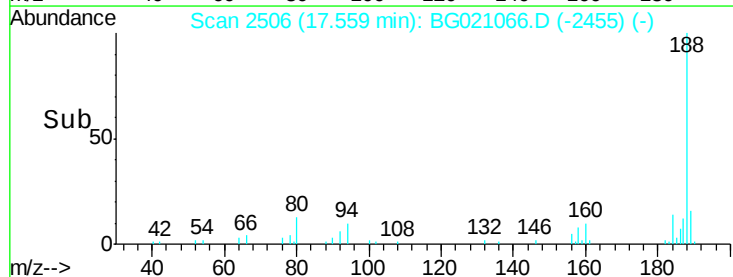
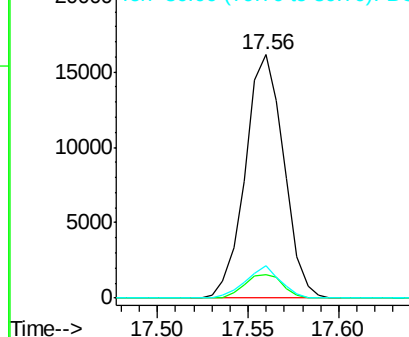
80 13.4 9.2 13.8

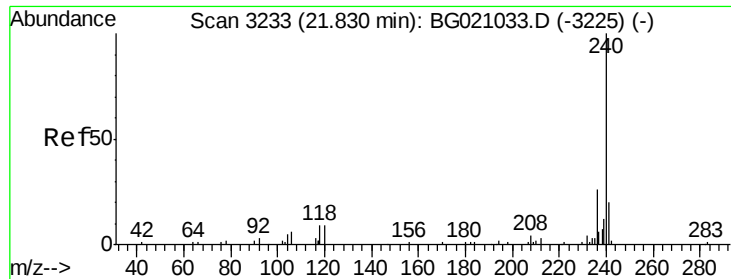


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

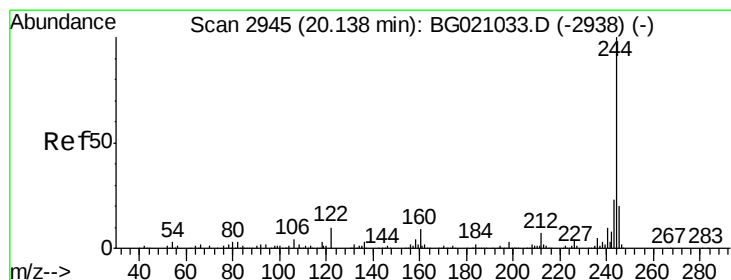
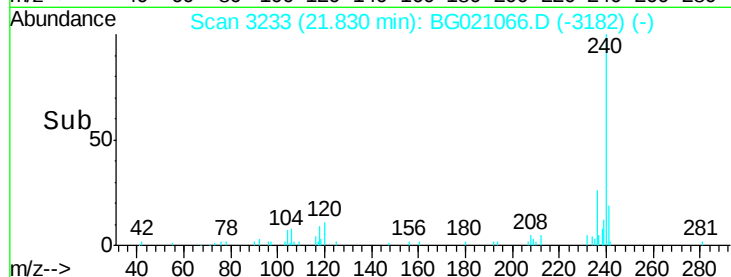
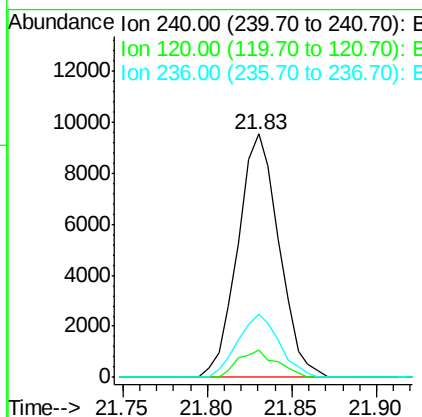
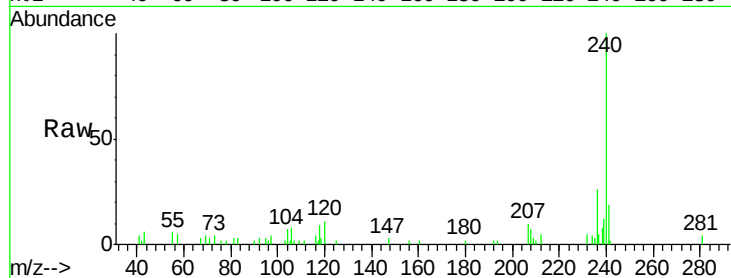




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. 0.00 min
Lab File: BG021066.D
Acq: 25 Feb 2016 00:31

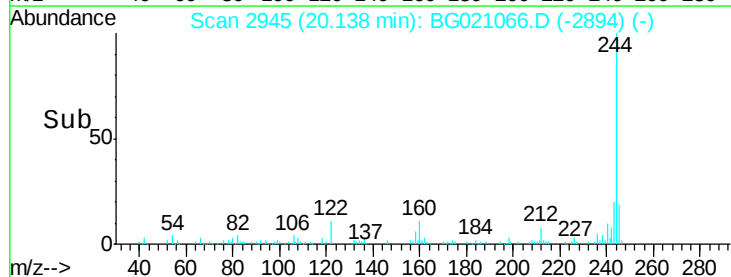
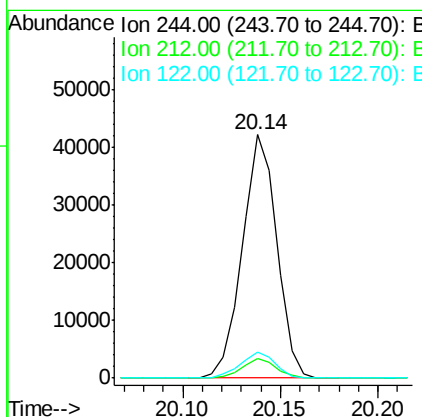
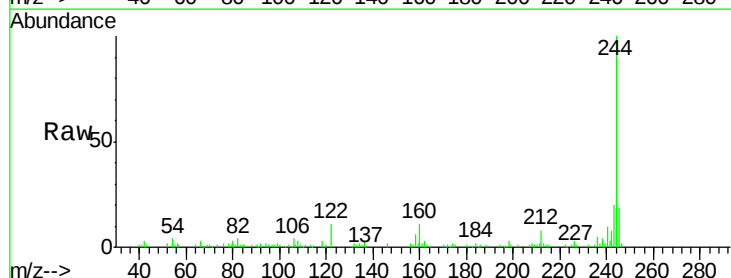
Instrument :
BNA_G
ClientSampleId :
SP-4(0-2)

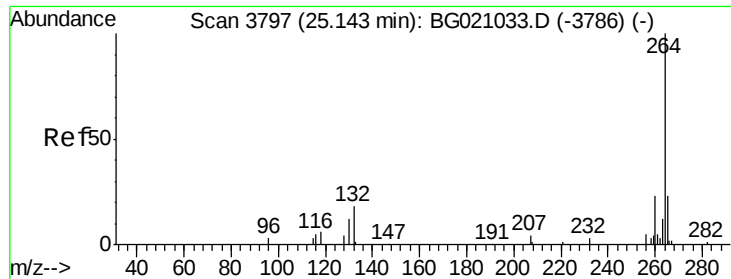
Tot Ion:240 Resp: 16219
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 26.0 20.5 30.7



#78
Terphenyl-d14
Concen: 41.19 ng
RT: 20.14 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BG021066.D
Acq: 25 Feb 2016 00:31

Tgt Ion:244 Resp: 51483
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 10.7 8.3 12.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. 0.02 min
Lab File: BG021066.D
Acq: 25 Feb 2016 00:31

Instrument :
BNA_G
ClientSampleId :
SP-4(0-2)

Tot Ion:264 Resp: 12811
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 22.5 18.6 28.0

