

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021058.D
 Acq On : 24 Feb 2016 19:12
 Operator : UM/SJ
 Sample : H1520-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40052(0-2)

Quant Time: Feb 24 23:58:32 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

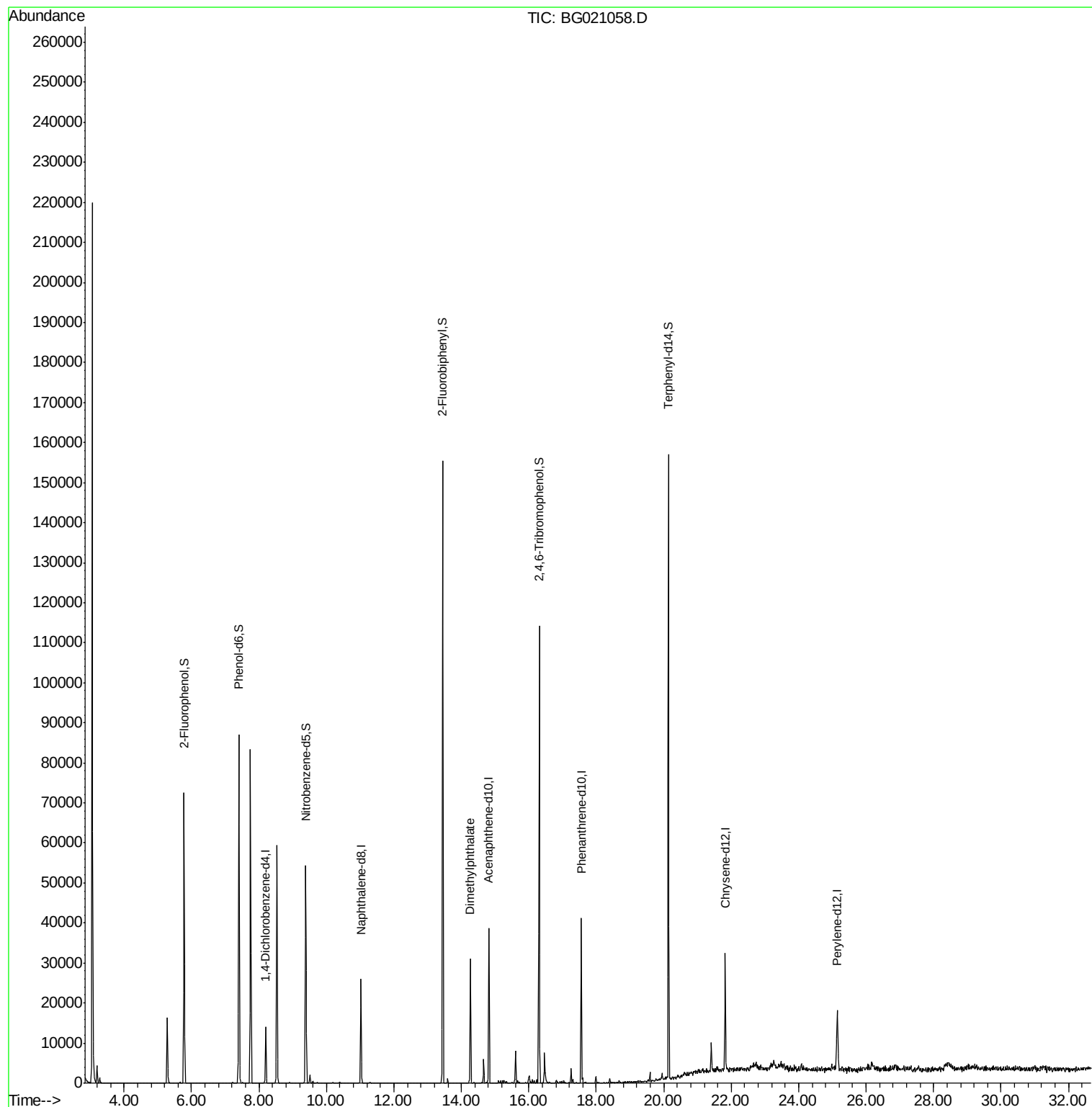
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	4317	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	23415	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13918	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	24905	20.00	ng	0.00
75) Chrysene-d12	21.82	240	18210	20.00	ng	0.00
86) Perylene-d12	25.15	264	17309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	34522	140.20	ng	0.00
7) Phenol-d6	7.41	99	54775	144.44	ng	0.00
23) Nitrobenzene-d5	9.39	82	35405	88.78	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	20370	122.17	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	75673	75.69	ng	0.00
78) Terphenyl-d14	20.14	244	63019	44.91	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	20096	17.71	ng	Qvalue 98

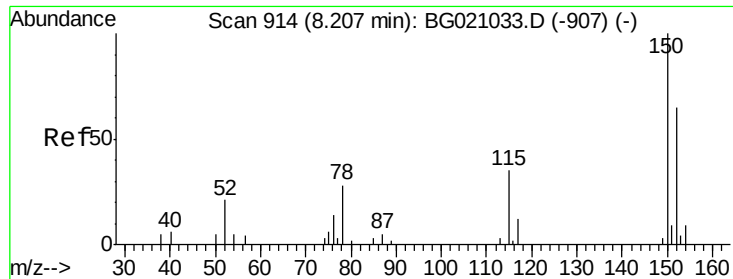
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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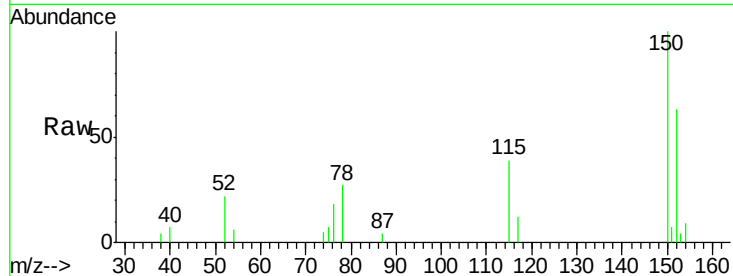


#1

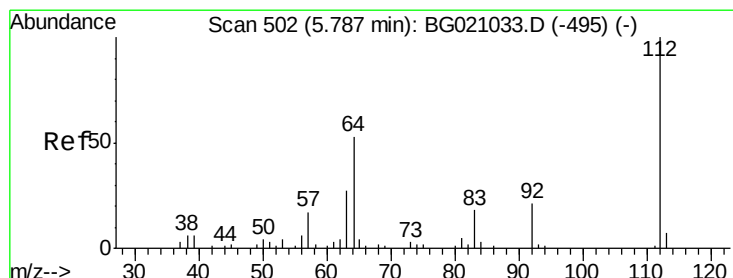
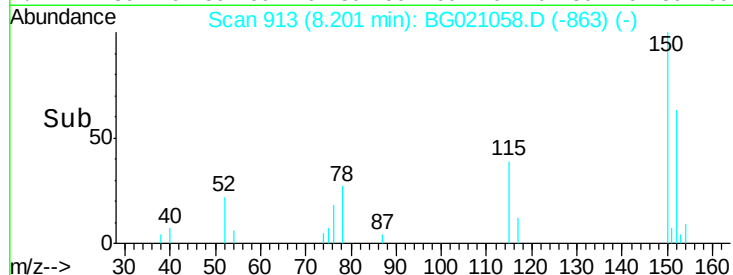
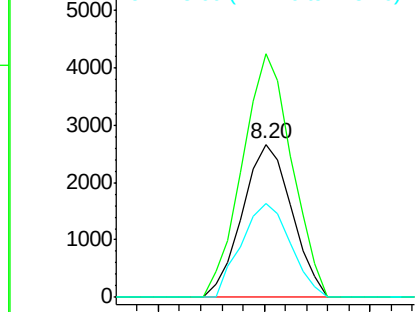
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG021058.D
Acq: 24 Feb 2016 19:12

Instrument :
BNA_G
ClientSampleId :
40052(0-2)

Tot Ion:152 Resp: 4317
Ion Ratio Lower Upper
152 100
150 159.2 123.4 185.2
115 61.3 43.3 64.9



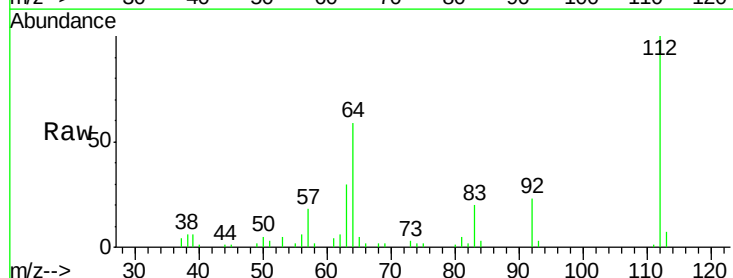
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



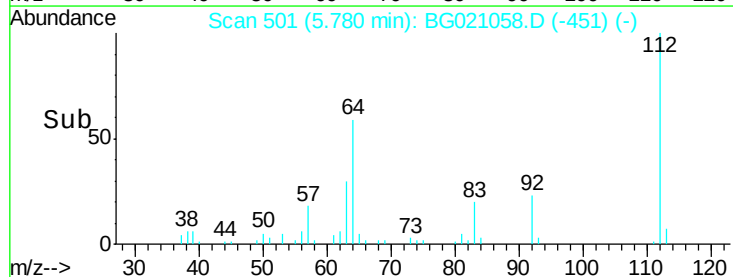
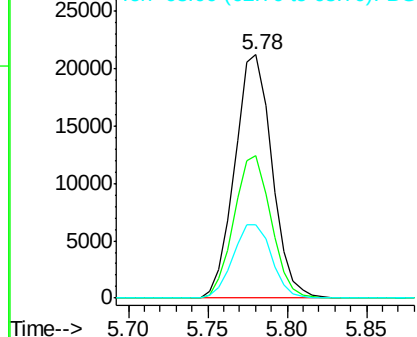
#5

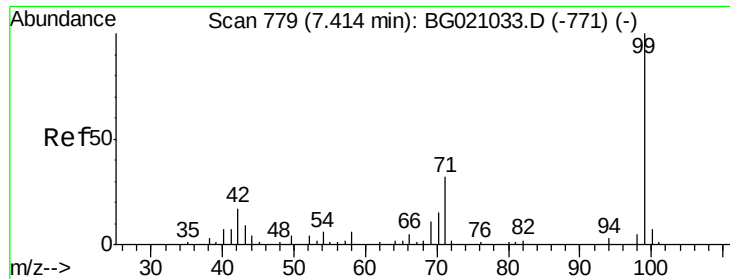
2-Fluorophenol
Concen: 140.20 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.01 min
Lab File: BG021058.D
Acq: 24 Feb 2016 19:12

Tgt Ion:112 Resp: 34522
Ion Ratio Lower Upper
112 100
64 58.8 42.6 63.8
63 30.3 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: 144.44 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021058.D

Acq: 24 Feb 2016 19:12

Instrument :

BNA_G

ClientSampleId :

40052(0-2)

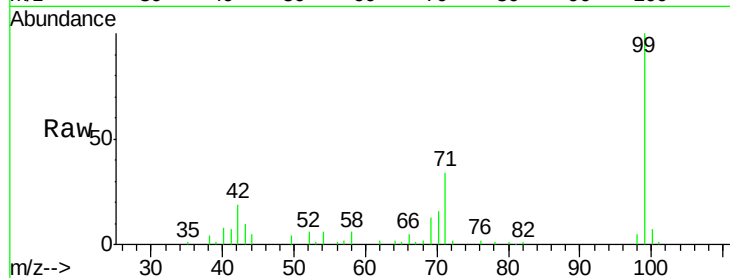
Tot Ion: 99 Resp: 54775

Ion Ratio Lower Upper

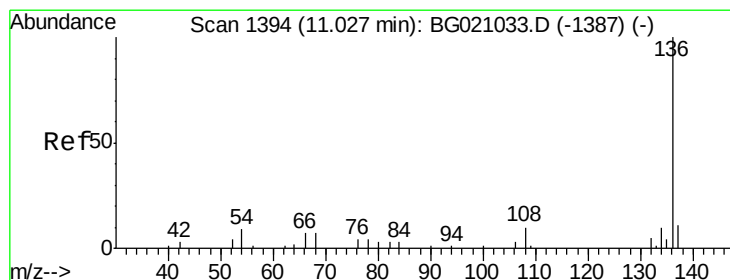
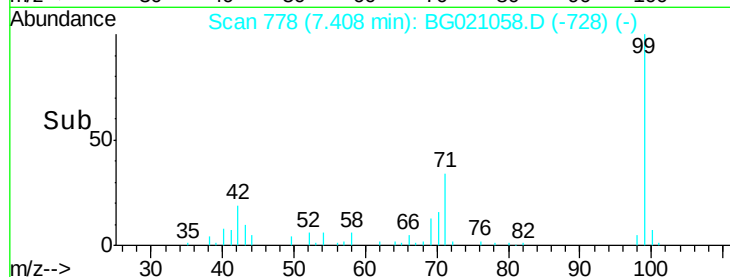
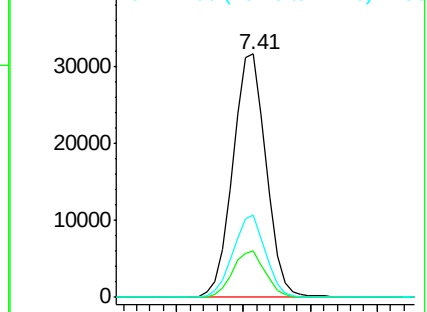
99 100

42 19.2 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: BG021058.D

Acq: 24 Feb 2016 19:12

Tgt Ion: 136 Resp: 23415

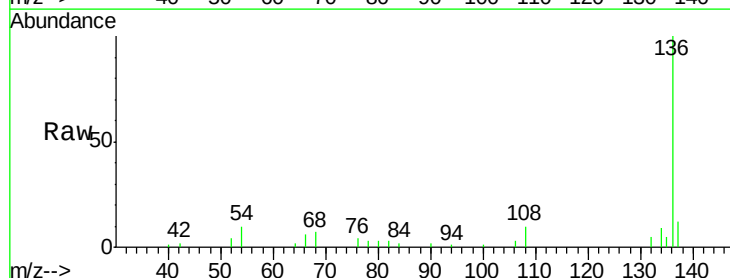
Ion Ratio Lower Upper

136 100

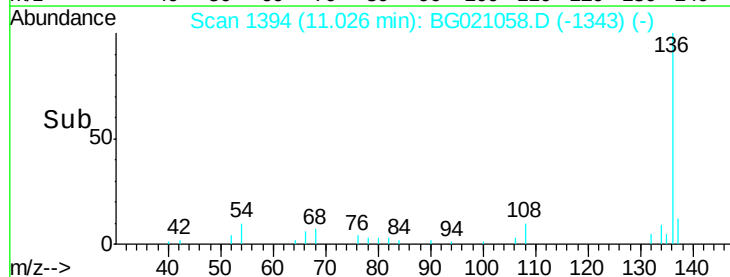
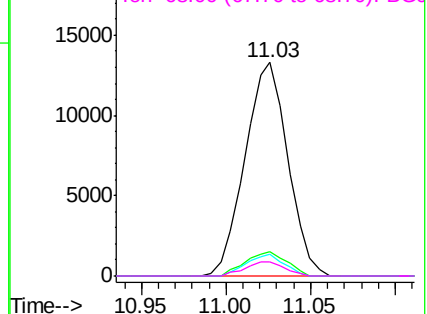
137 11.7 8.8 13.2

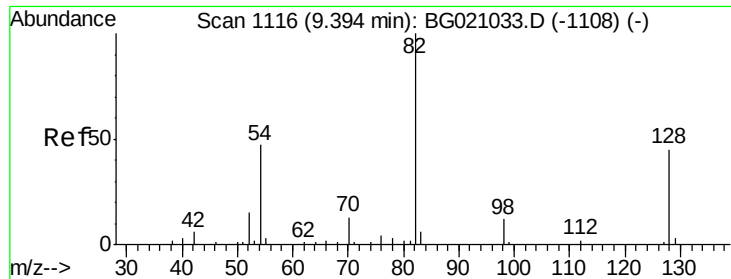
54 10.1 6.9 10.3

68 6.8 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

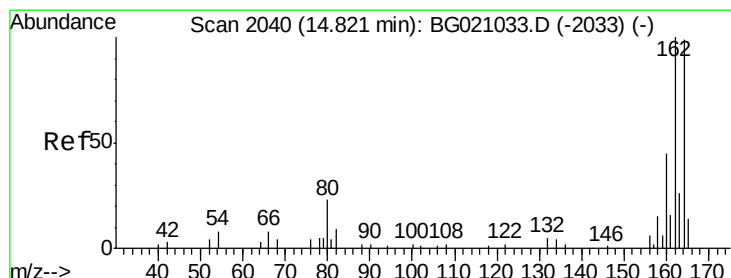
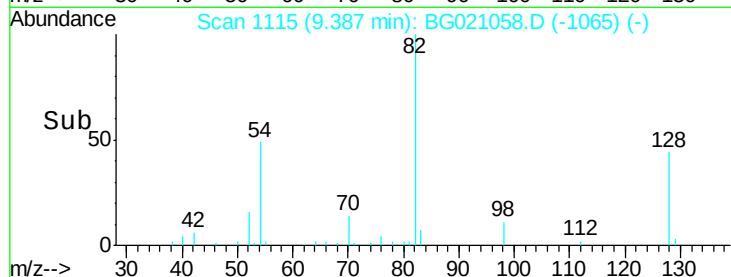
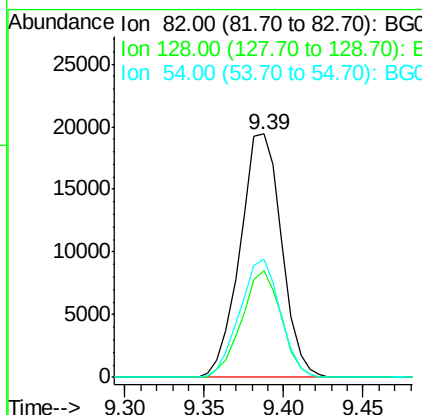
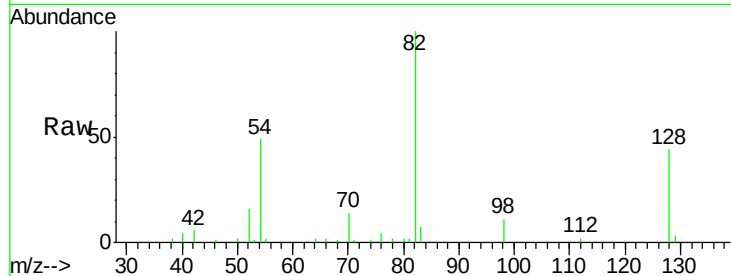




#23
 Nitrobenzene-d5
 Concen: 88.78 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BG021058.D
 Acq: 24 Feb 2016 19:12

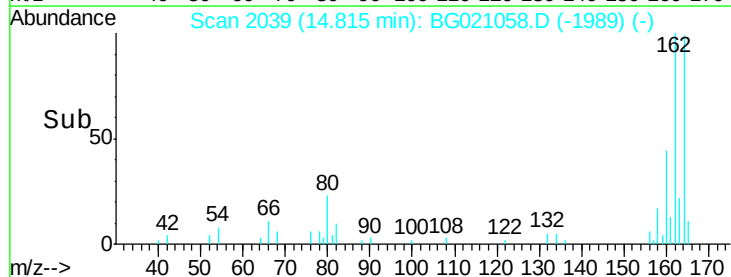
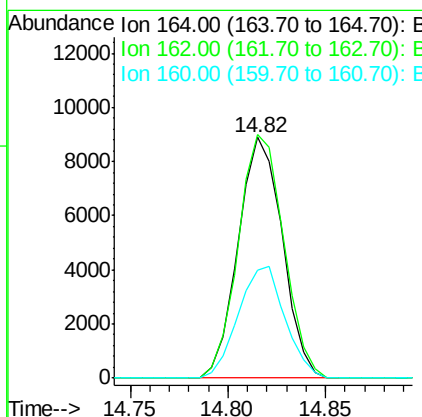
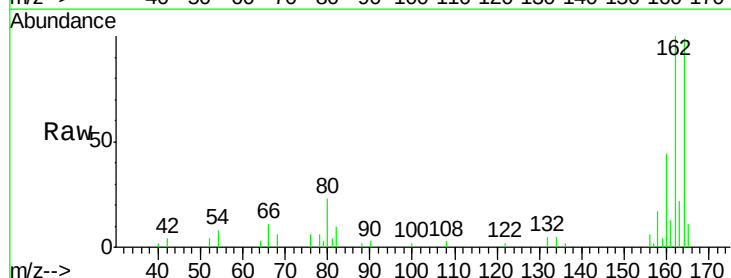
Instrument :
 BNA_G
 ClientSampled :
 40052(0-2)

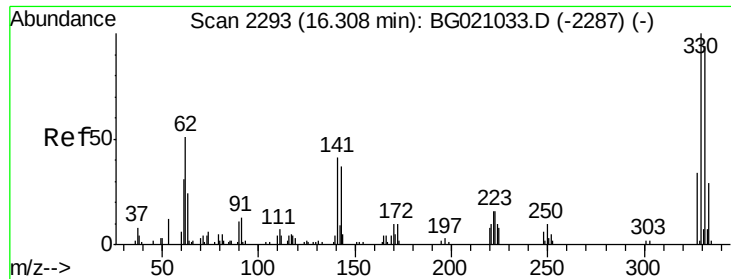
Tot Ion	82	Resp	35405
Ion Ratio	100	Lower	Upper
128	43.9	36.3	54.5
54	48.5	37.6	56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021058.D
 Acq: 24 Feb 2016 19:12

Tgt Ion	164	Resp	13918
Ion Ratio	100	Lower	Upper
162	101.2	80.6	120.8
160	44.6	36.5	54.7

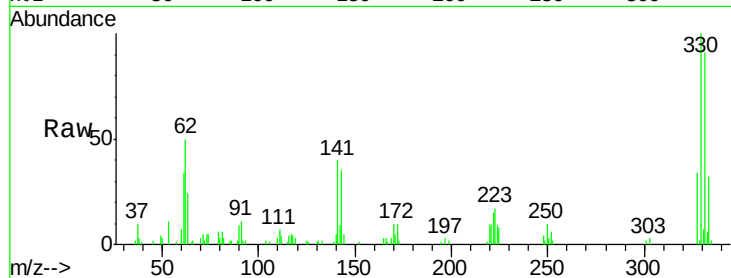




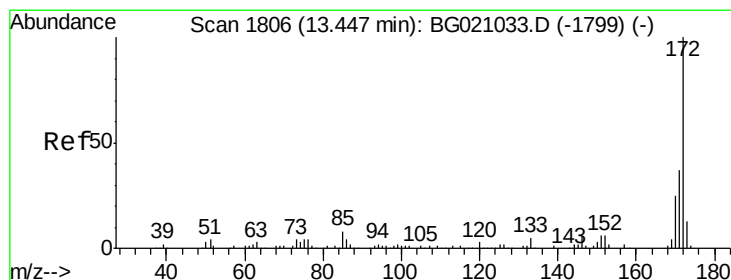
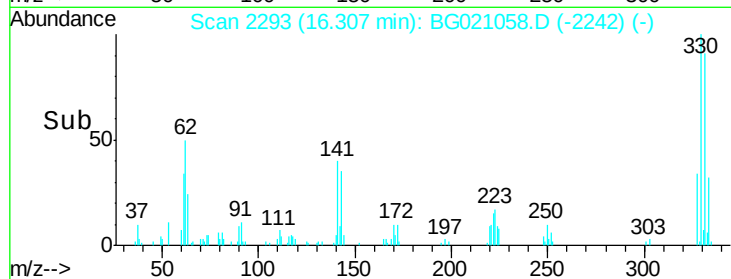
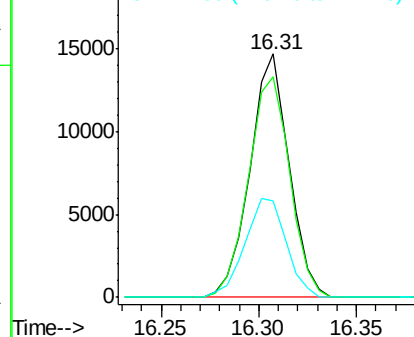
#41
 2,4,6-Tribromophenol
 Concen: 122.17 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG021058.D
 Acq: 24 Feb 2016 19:12

Instrument :
 BNA_G
 ClientSampleId :
 40052(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.0
141	43.0	35.3	52.9

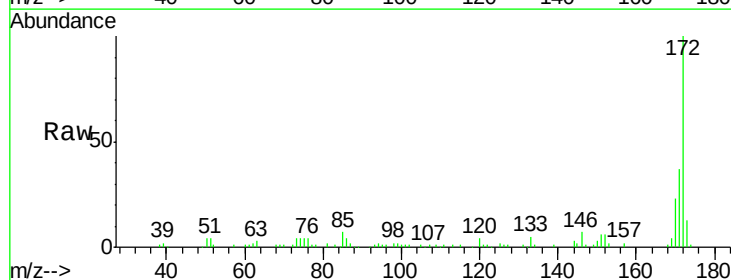


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

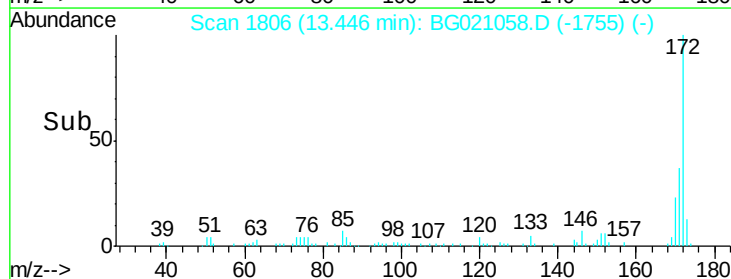
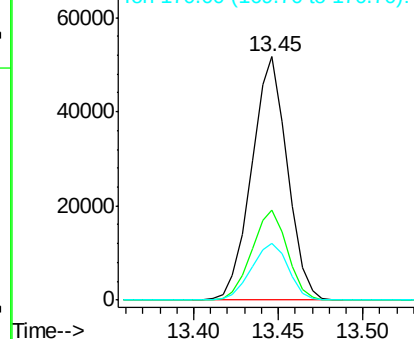


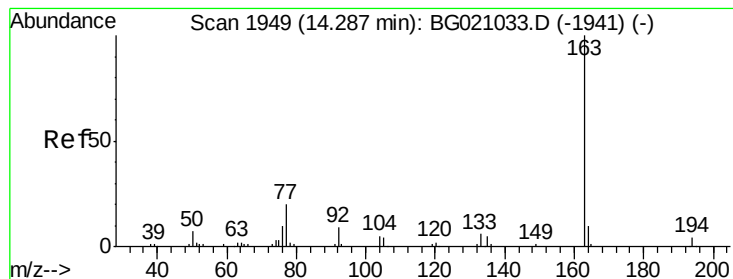
#44
 2-Fluorobiphenyl
 Concen: 75.69 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021058.D
 Acq: 24 Feb 2016 19:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	23.2	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: 17.71 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021058.D

Acq: 24 Feb 2016 19:12

Instrument :

BNA_G

ClientSampleId :

40052(0-2)

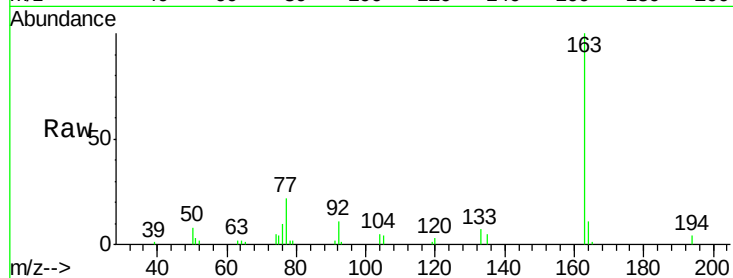
Tot Ion:163 Resp: 20096

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

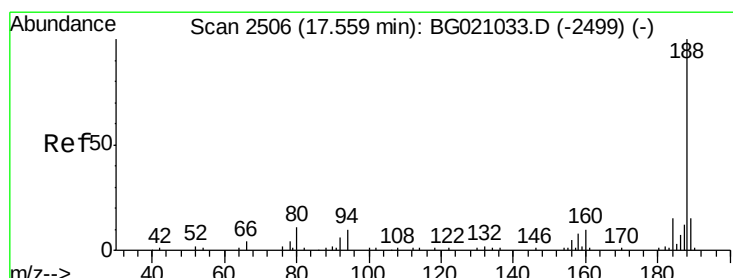
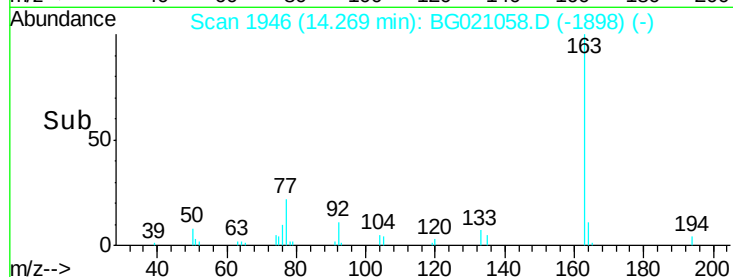
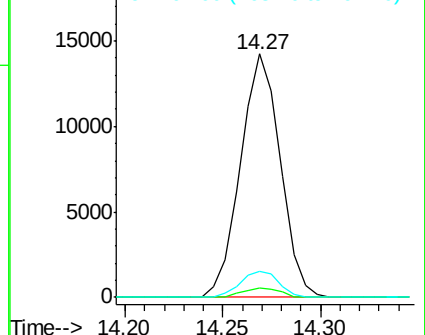
164 10.7 7.9 11.9



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. -0.01 min

Lab File: BG021058.D

Acq: 24 Feb 2016 19:12

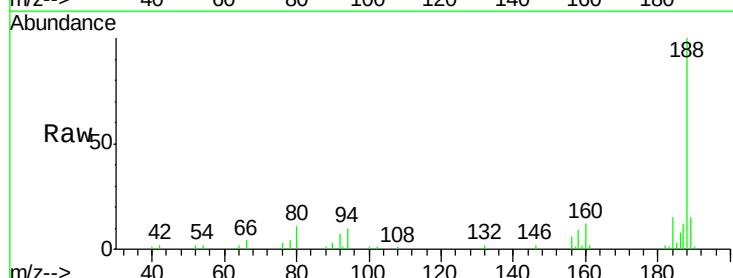
Tgt Ion:188 Resp: 24905

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.4

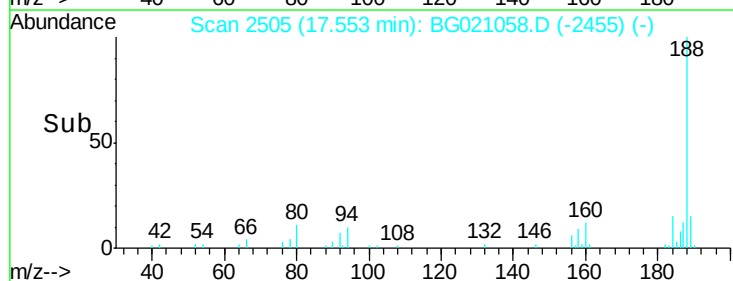
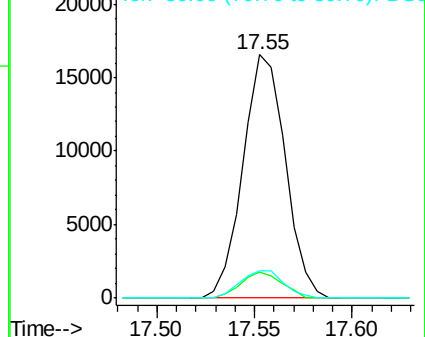
80 11.2 9.2 13.8

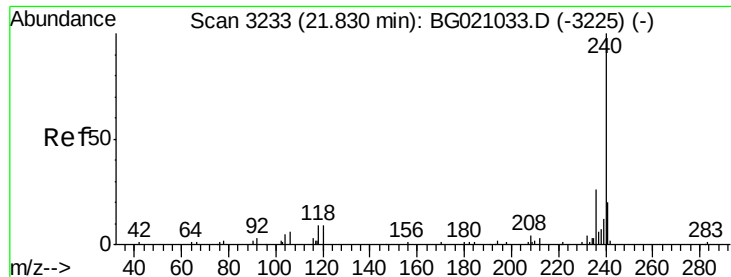


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BG021058.D

Acq: 24 Feb 2016 19:12

Instrument :

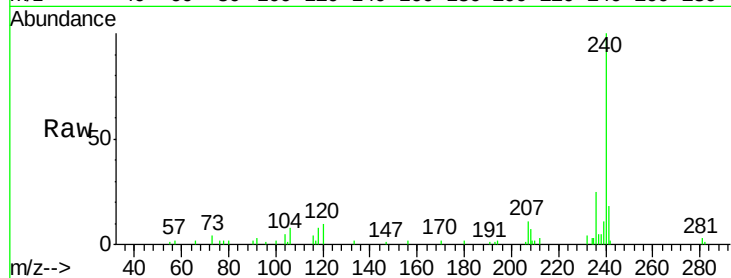
BNA_G

ClientSampleId :

40052(0-2)

Tot Ion:240 Resp: 18210

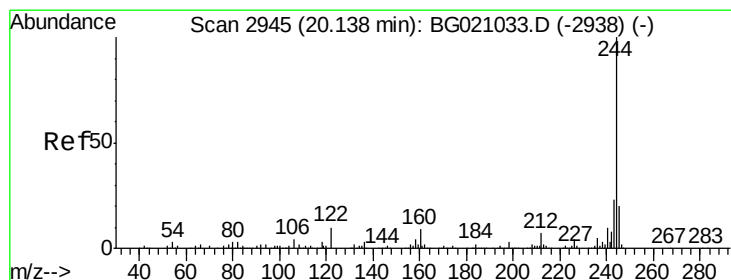
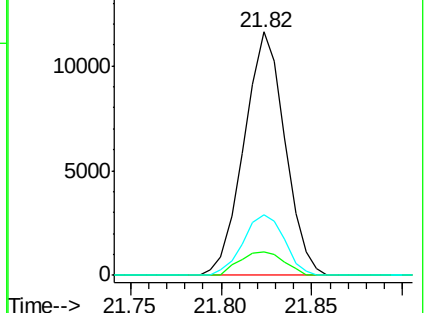
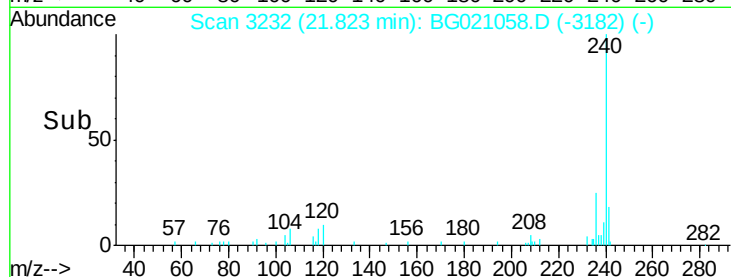
Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.5	11.3
236	25.0	20.5	30.7



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: 44.91 ng

RT: 20.14 min Scan# 2945

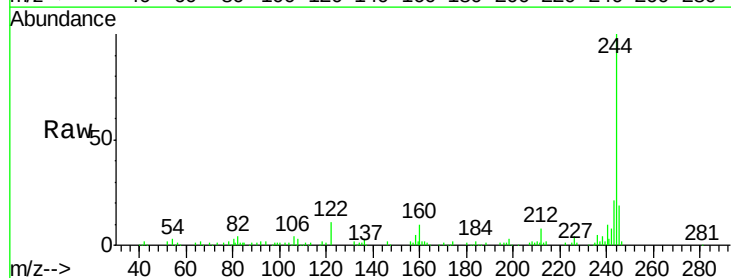
Delta R.T. -0.00 min

Lab File: BG021058.D

Acq: 24 Feb 2016 19:12

Tgt Ion:244 Resp: 63019

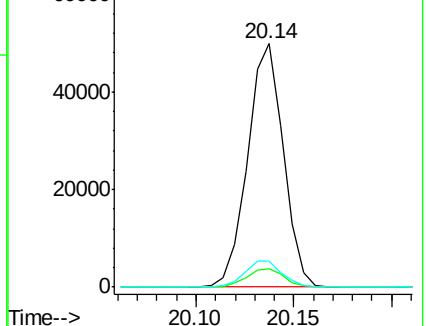
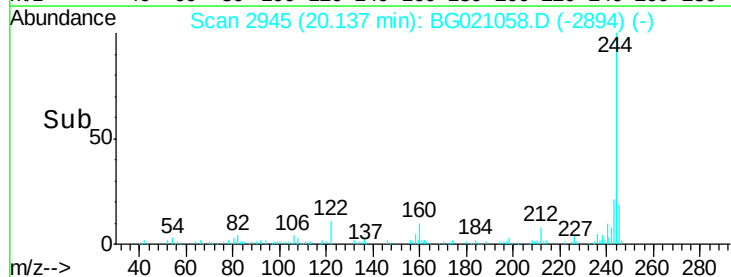
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	10.7	8.3	12.5

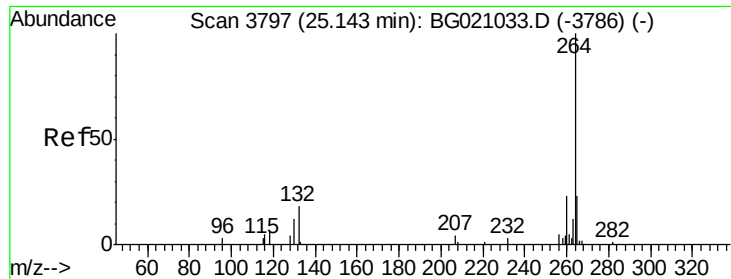


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3798
Delta R.T. 0.01 min
Lab File: BG021058.D
Acq: 24 Feb 2016 19:12

Instrument :
BNA_G
ClientSampleId :
40052(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.5	27.7
265	21.3	18.6	28.0

