

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021049.D
 Acq On : 24 Feb 2016 6:32
 Operator : UM/SJ
 Sample : H1541-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 161054019

Quant Time: Feb 24 07:13:12 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

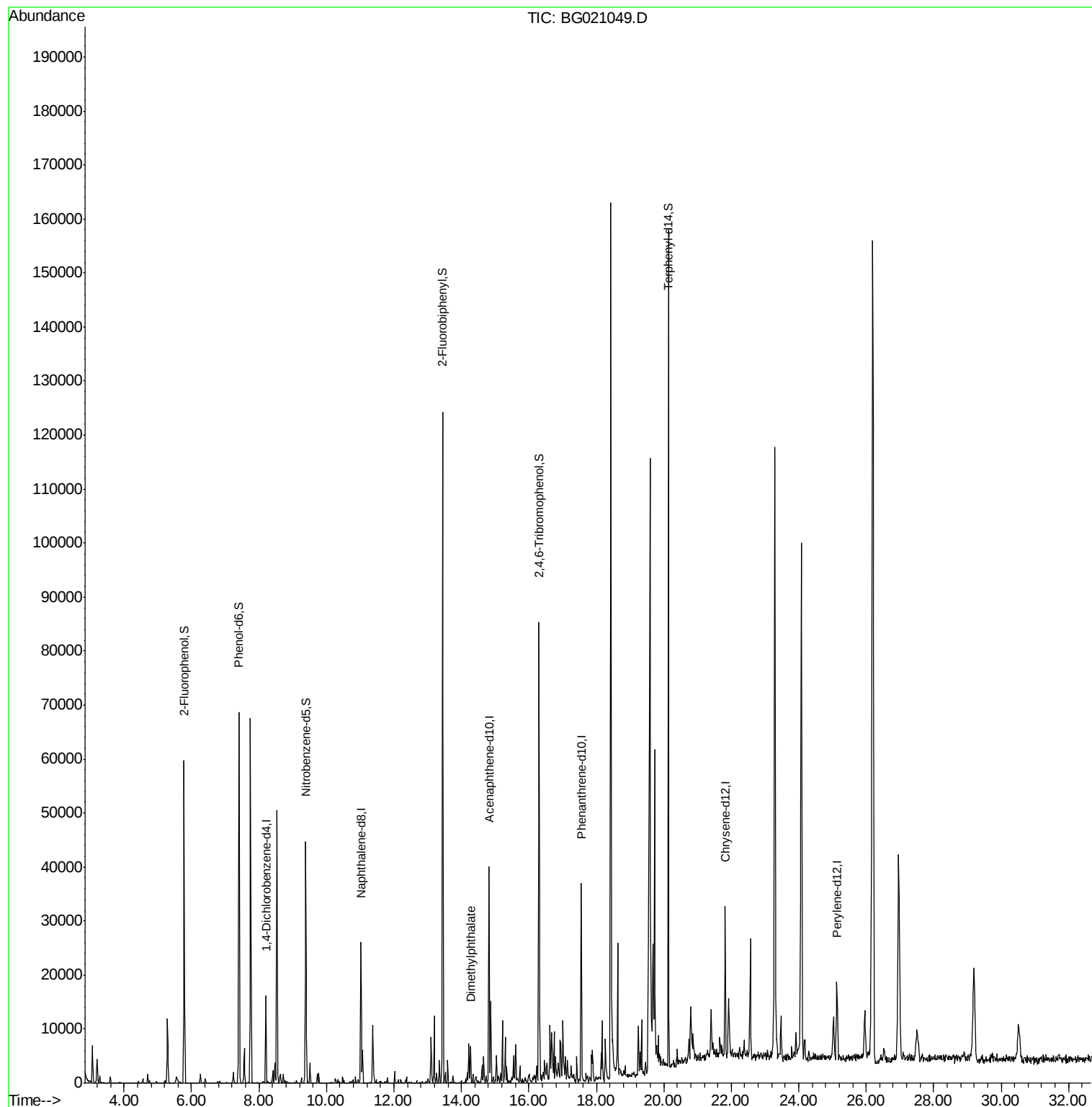
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	4739	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	24524	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	12424	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	21616	20.00	ng	0.00
75) Chrysene-d12	21.82	240	17829	20.00	ng	0.00
86) Perylene-d12	25.13	264	16727	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	27344	101.16	ng	0.00
7) Phenol-d6	7.40	99	43119	103.58	ng	0.00
23) Nitrobenzene-d5	9.39	82	29109	69.69	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	14465	97.19	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	62264	69.77	ng	0.00
78) Terphenyl-d14	20.13	244	58271	42.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	4666	4.61	ng	Qvalue # 93

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

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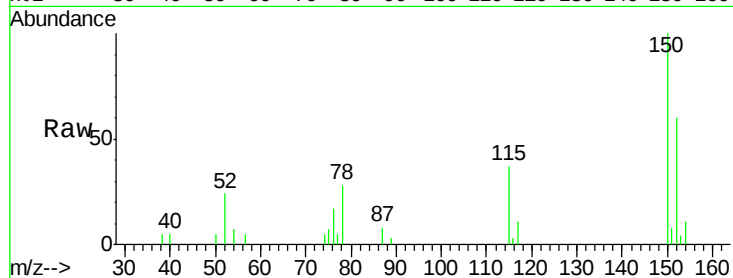




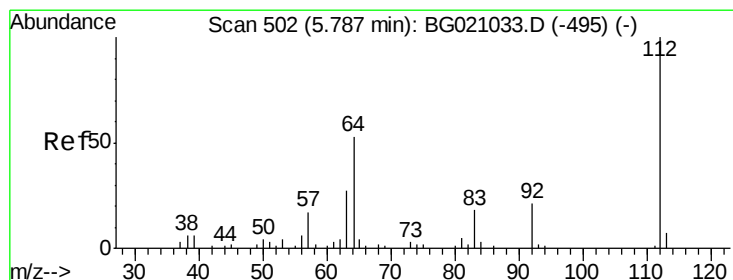
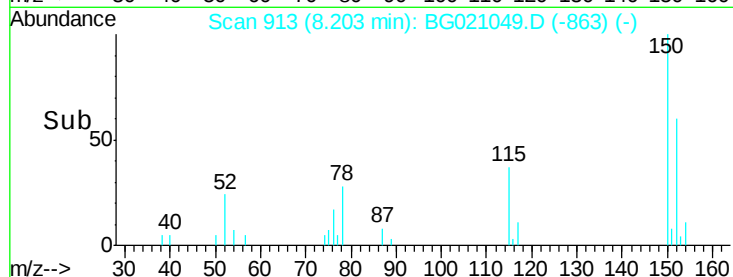
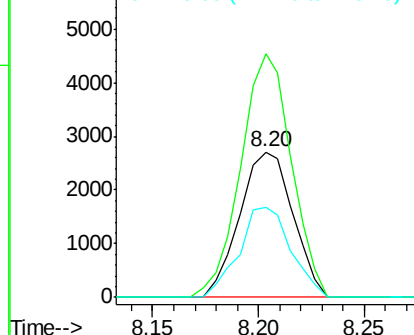
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BG021049.D
 Acq: 24 Feb 2016 6:32

Instrument :
 BNA_G
 ClientSampleId :
 161054019

Tgt Ion:152 Resp: 4739
 Ion Ratio Lower Upper
 152 100
 150 167.2 123.4 185.2
 115 61.8 43.3 64.9

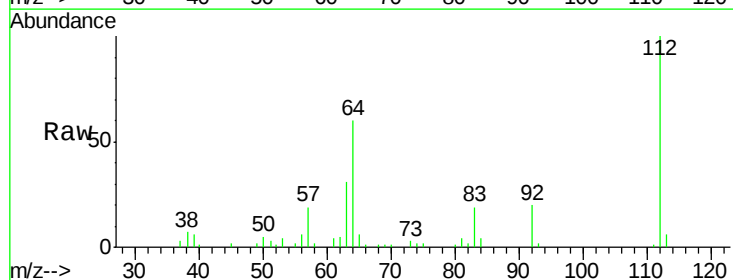


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

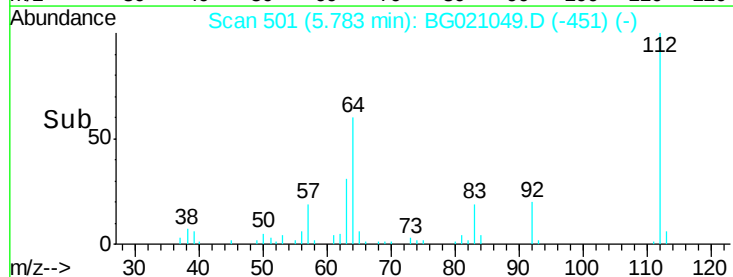
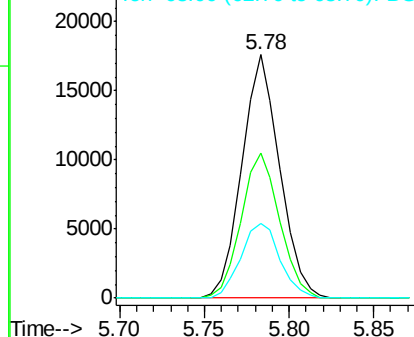


#5
 2-Fluorophenol
 Concen: 101.16 ng
 RT: 5.78 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BG021049.D
 Acq: 24 Feb 2016 6:32

Tgt Ion:112 Resp: 27344
 Ion Ratio Lower Upper
 112 100
 64 59.6 42.6 63.8
 63 30.8 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: 103.58 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021049.D

Acq: 24 Feb 2016 6:32

Instrument :

BNA_G

ClientSampleId :

161054019

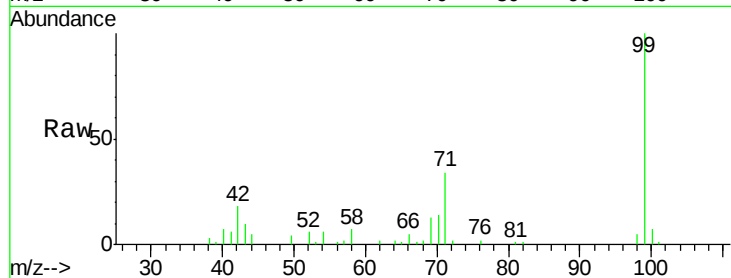
Tgt Ion: 99 Resp: 43119

Ion Ratio Lower Upper

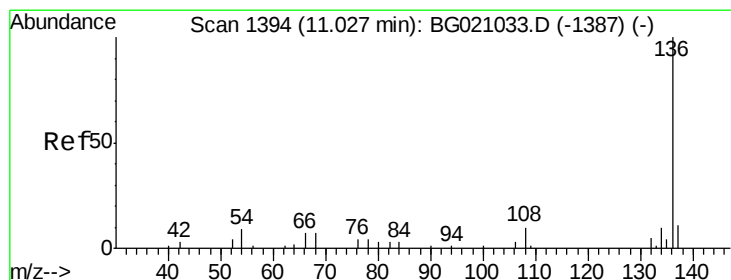
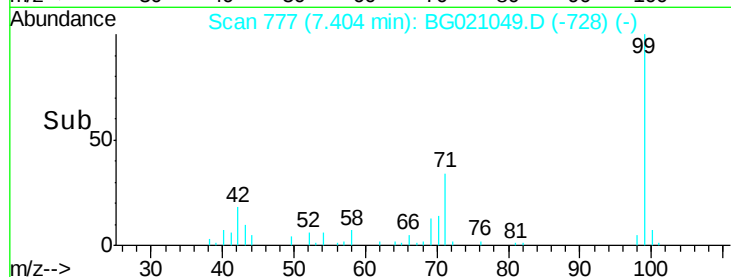
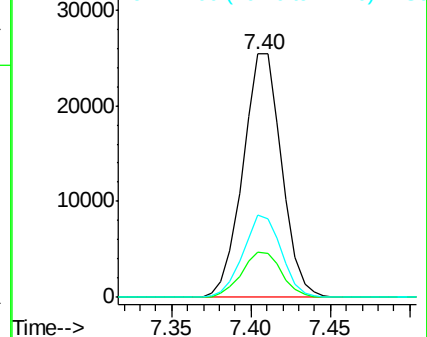
99 100

42 18.4 13.2 19.8

71 34.0 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: BG021049.D

Acq: 24 Feb 2016 6:32

Tgt Ion: 136 Resp: 24524

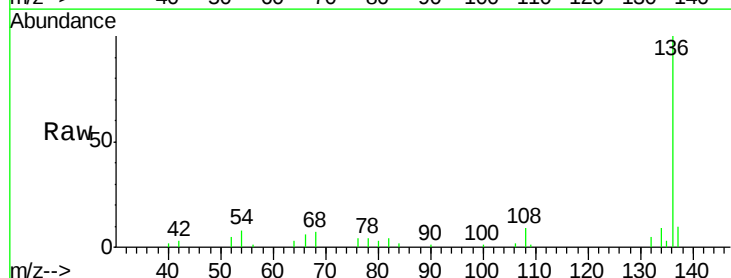
Ion Ratio Lower Upper

136 100

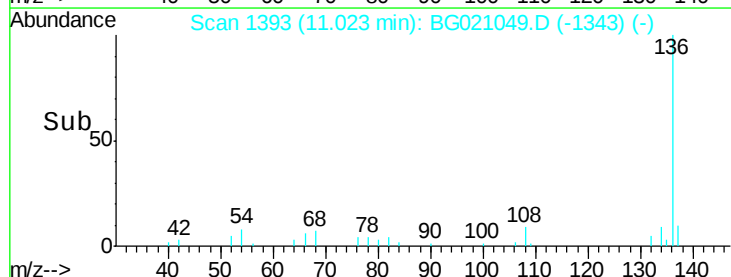
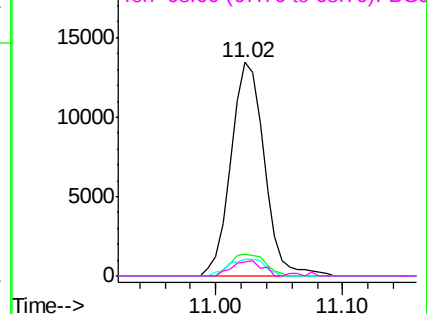
137 10.3 8.8 13.2

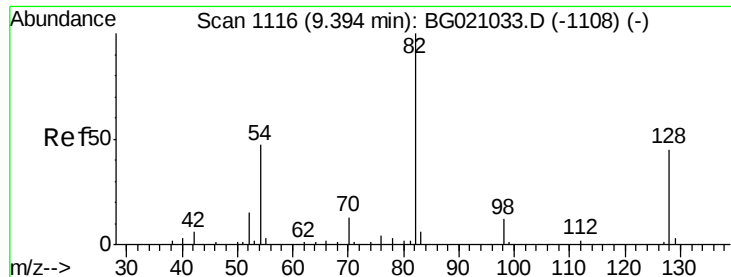
54 8.0 6.9 10.3

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

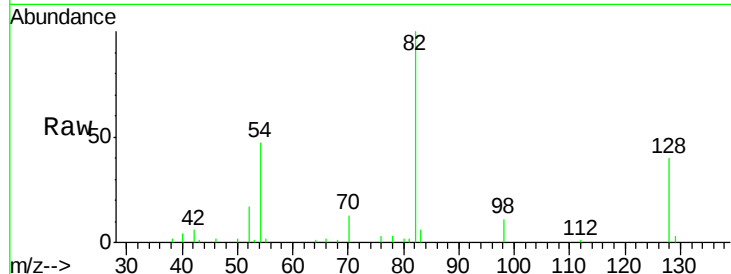




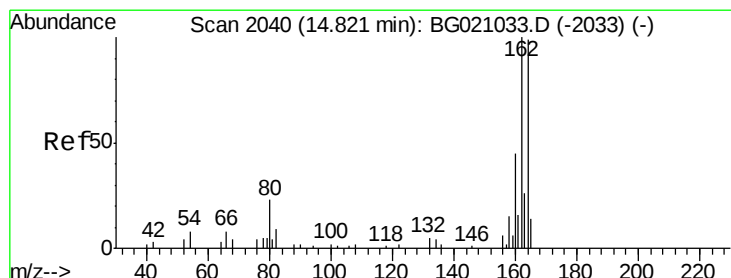
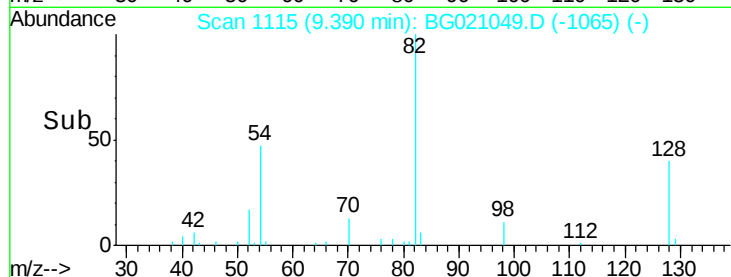
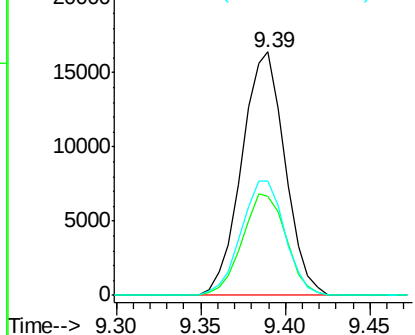
#23
Nitrobenzene-d5
Concen: 69.69 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG021049.D
Acq: 24 Feb 2016 6:32

Instrument :
BNA_G
ClientSampleId :
161054019

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.3	54.5
54	46.9	37.6	56.4

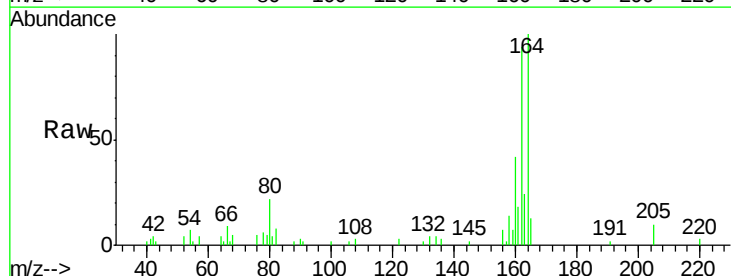


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

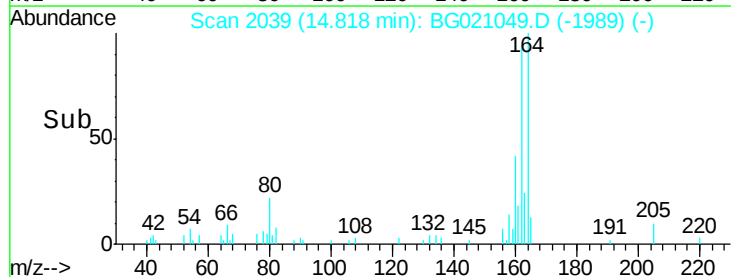
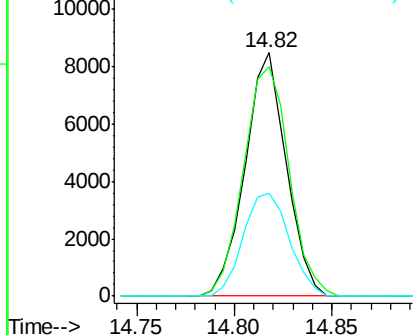


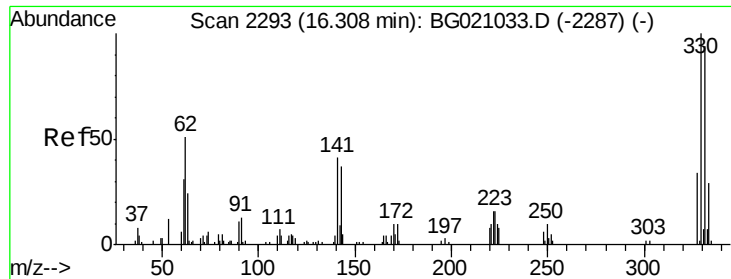
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021049.D
Acq: 24 Feb 2016 6:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.3	80.6	120.8
160	42.4	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

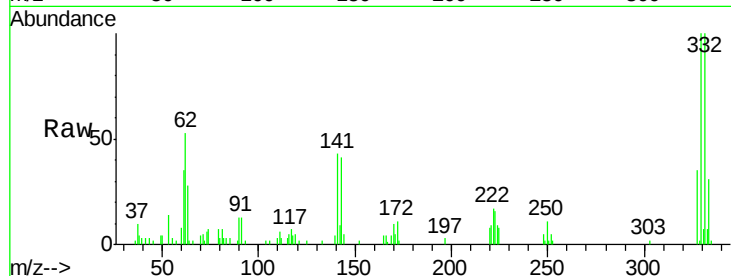




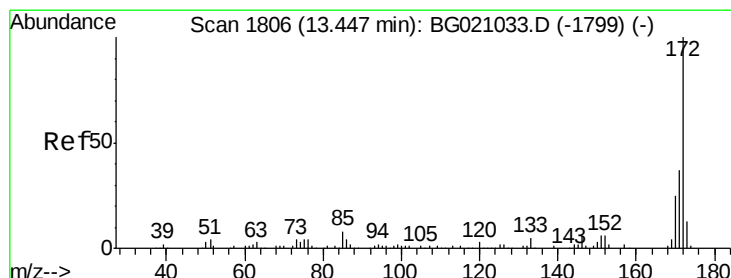
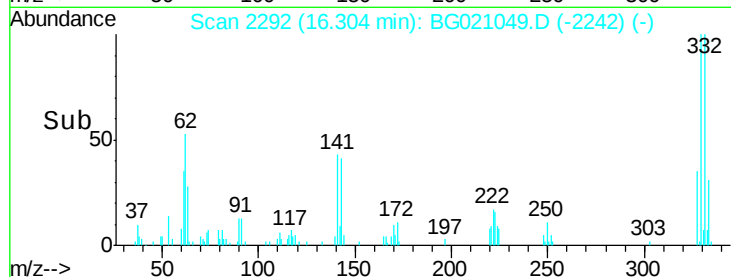
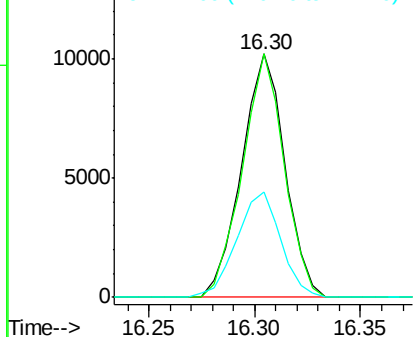
#41
 2,4,6-Tribromophenol
 Concen: 97.19 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021049.D
 Acq: 24 Feb 2016 6:32

Instrument :
 BNA_G
 ClientSampleId :
 161054019

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	44.0	35.3	52.9

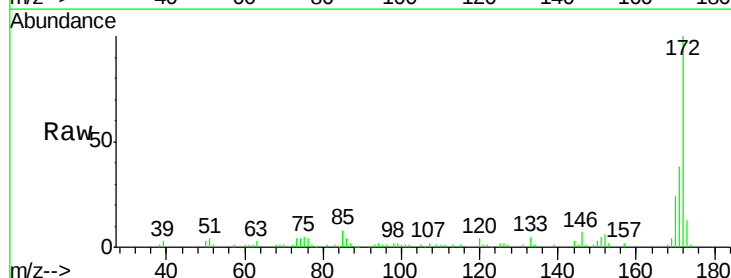


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

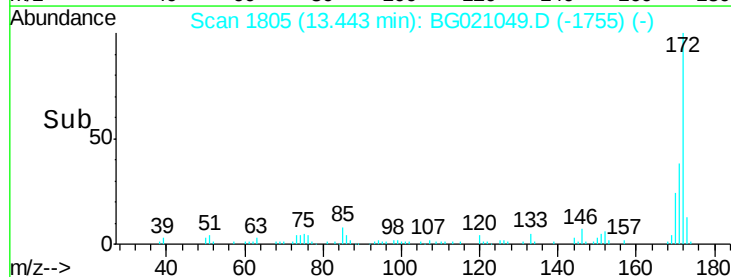
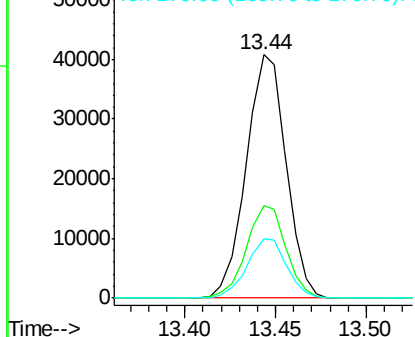


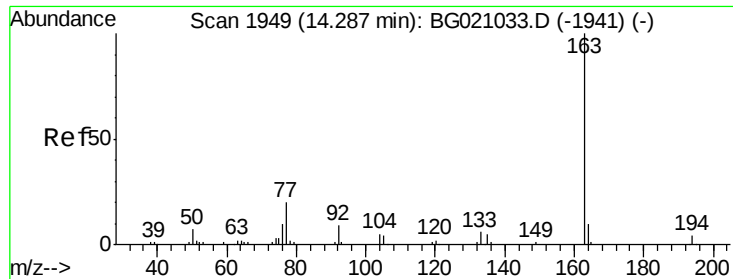
#44
 2-Fluorobiphenyl
 Concen: 69.77 ng
 RT: 13.44 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG021049.D
 Acq: 24 Feb 2016 6:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	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: 4.61 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021049.D

Acq: 24 Feb 2016 6:32

Instrument :

BNA_G

ClientSampleId :

161054019

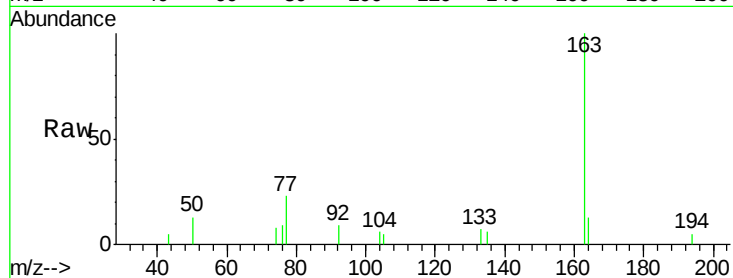
Tgt Ion:163 Resp: 4666

Ion Ratio Lower Upper

163 100

194 4.6 2.8 4.2#

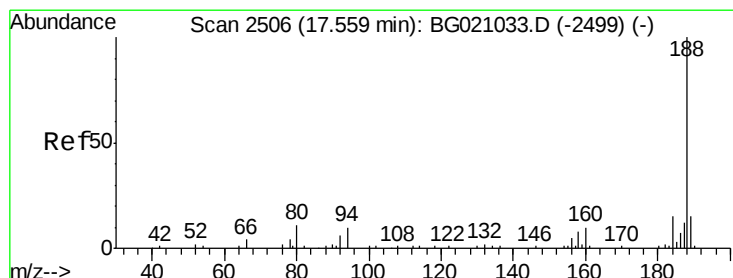
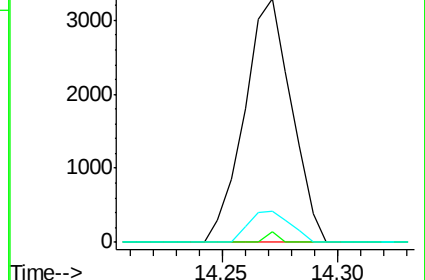
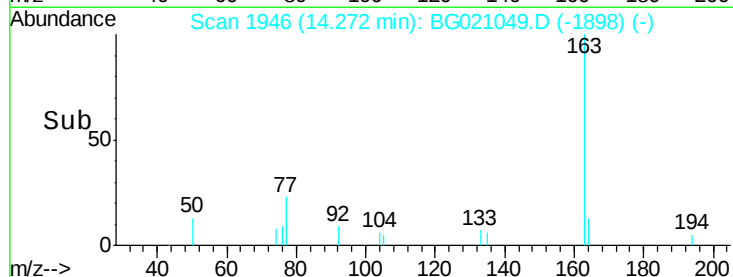
164 12.8 7.9 11.9#



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# 2505

Delta R.T. -0.00 min

Lab File: BG021049.D

Acq: 24 Feb 2016 6:32

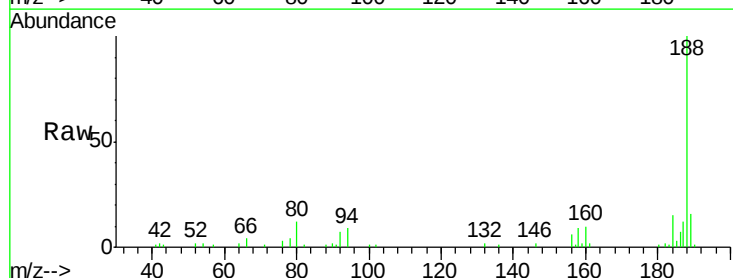
Tgt Ion:188 Resp: 21616

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

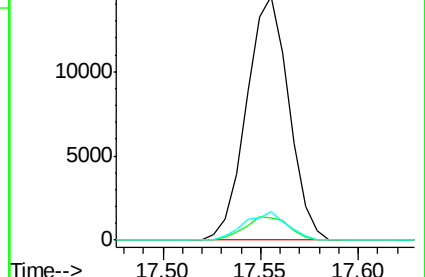
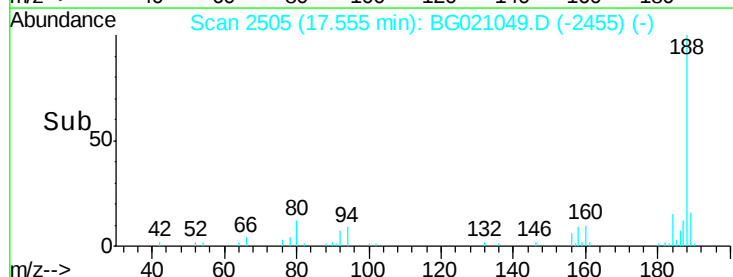
80 11.9 9.2 13.8

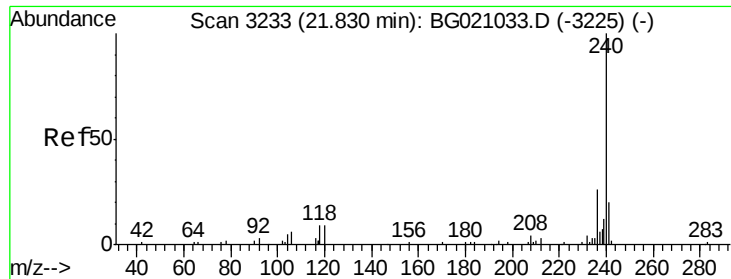


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

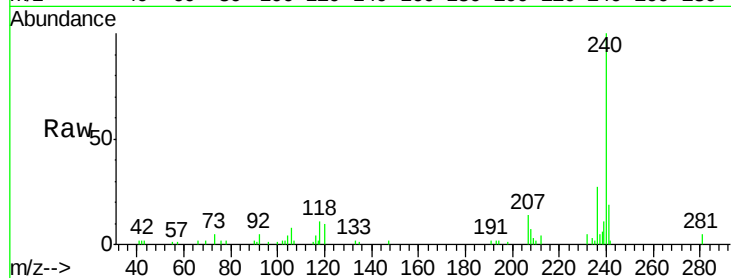




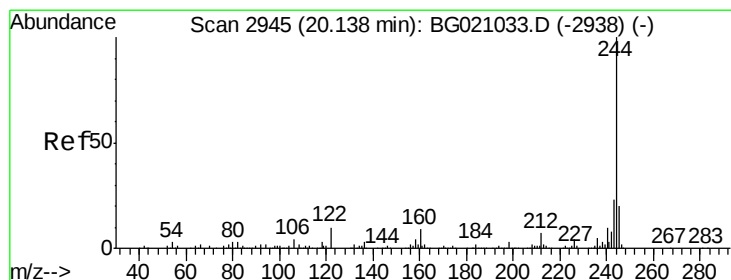
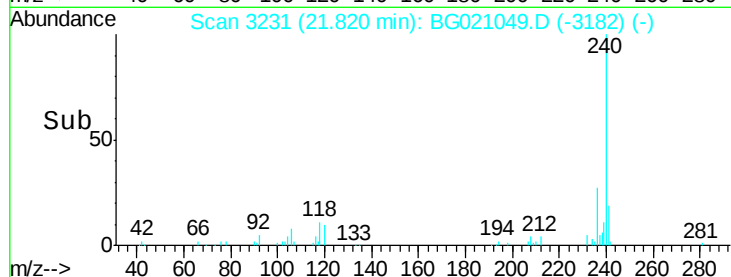
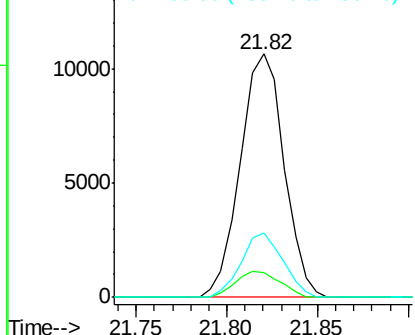
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG021049.D
Acq: 24 Feb 2016 6:32

Instrument :
BNA_G
ClientSampleId :
161054019

Tgt Ion:240 Resp: 17829
Ion Ratio Lower Upper
240 100
120 10.1 7.5 11.3
236 26.6 20.5 30.7

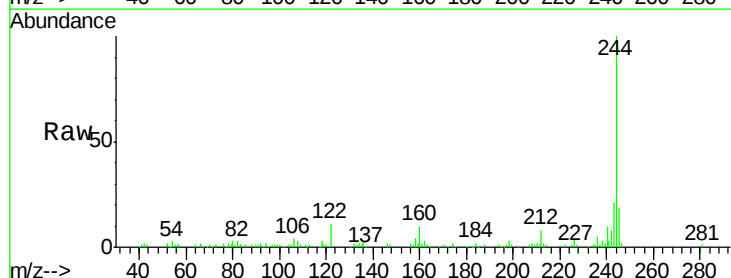


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

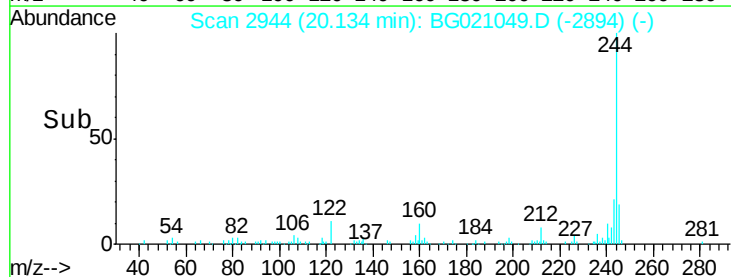
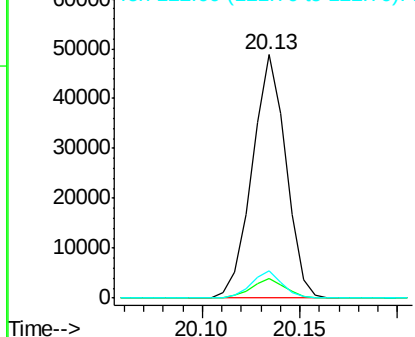


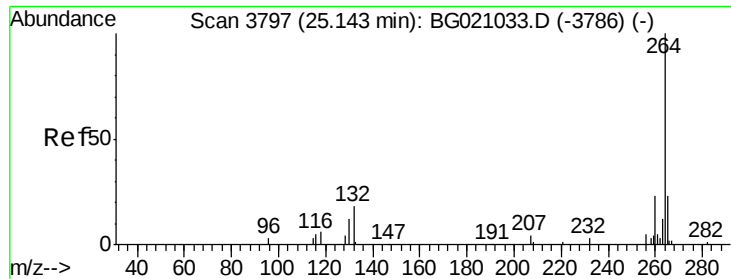
#78
Terphenyl-d14
Concen: 42.41 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BG021049.D
Acq: 24 Feb 2016 6:32

Tgt Ion:244 Resp: 58271
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 11.0 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
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3794
Delta R.T. -0.02 min
Lab File: BG021049.D
Acq: 24 Feb 2016 6:32

Instrument :
BNA_G
ClientSampleId :
161054019

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.5	27.7
265	21.1	18.6	28.0

