

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022216\
 Data File : BG021026.D
 Acq On : 22 Feb 2016 23:00
 Operator : UM/SJ
 Sample : H1554-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EVTP1

Quant Time: Feb 23 14:33:51 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 23 14:08:44 2016
 Response via : Initial Calibration

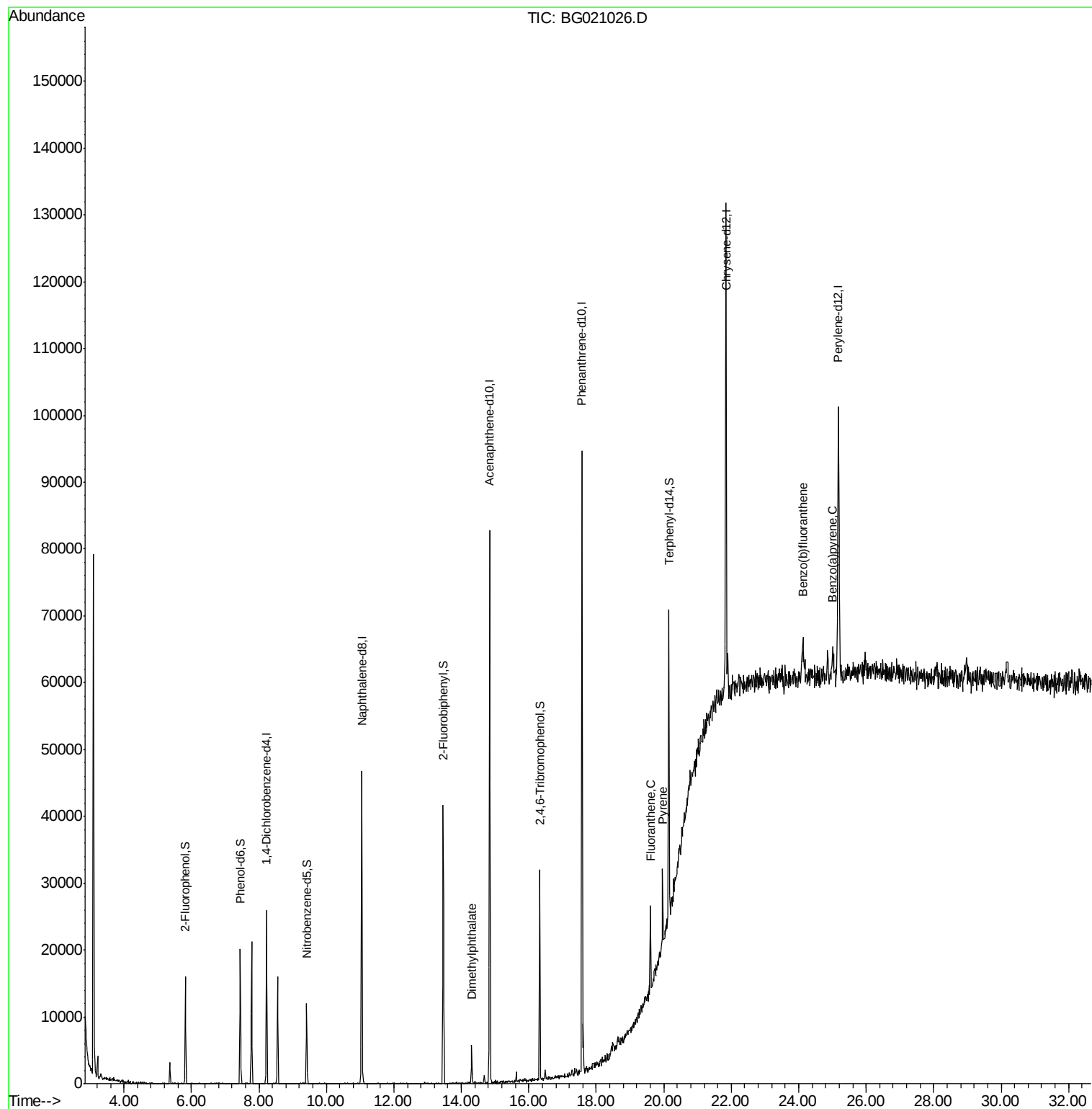
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	8807	20.00	ng	-0.01
21) Naphthalene-d8	11.05	136	46387	20.00	ng	-0.01
38) Acenaphthene-d10	14.84	164	29961	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	59606	20.00	ng	-0.01
75) Chrysene-d12	21.84	240	43411	20.00	ng	-0.02
86) Perylene-d12	25.18	264	43375	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	9893	21.13	ng	-0.03
7) Phenol-d6	7.45	99	16124	24.03	ng	-0.04
23) Nitrobenzene-d5	9.41	82	8402	13.42	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	8004	19.60	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	25693	11.97	ng	-0.02
78) Terphenyl-d14	20.15	244	22415	9.74	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.31	163	5127	2.07	ng	# 91
74) Fluoranthene	19.61	202	8375	3.01	ng	91
77) Pyrene	19.96	202	7805	2.34	ng	97
87) Benzo(b)fluoranthene	24.11	252	6716	2.60	ng	# 82
89) Benzo(a)pyrene	25.00	252	5465	2.19	ng	# 87

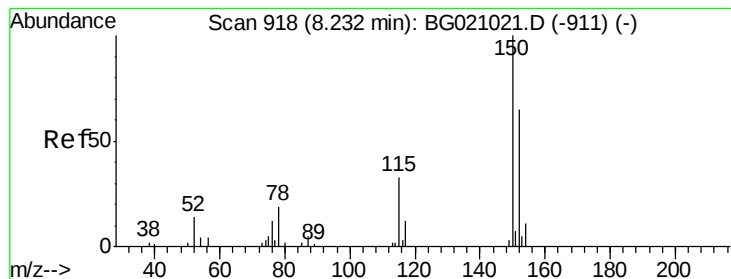
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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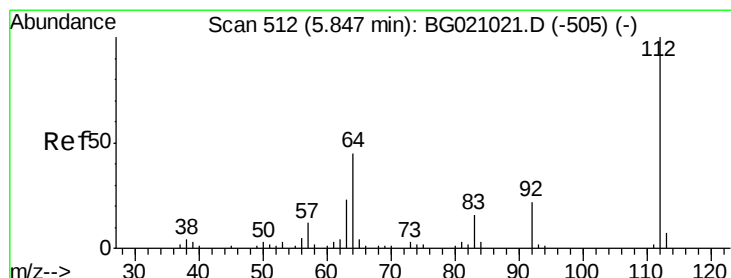
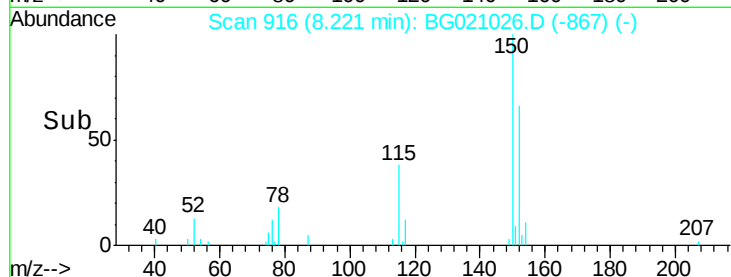
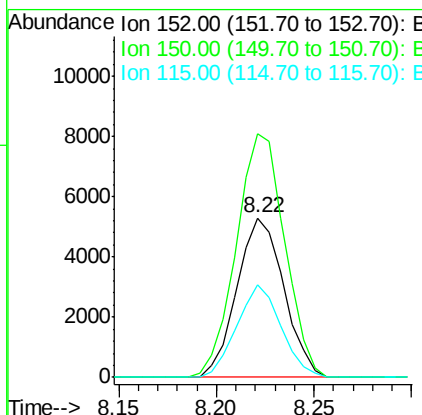
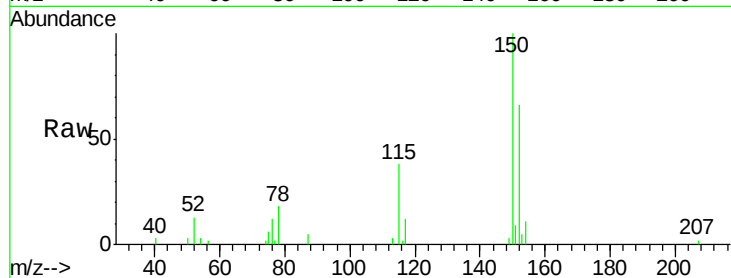




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.22 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG021026.D
 Acq: 22 Feb 2016 23:00

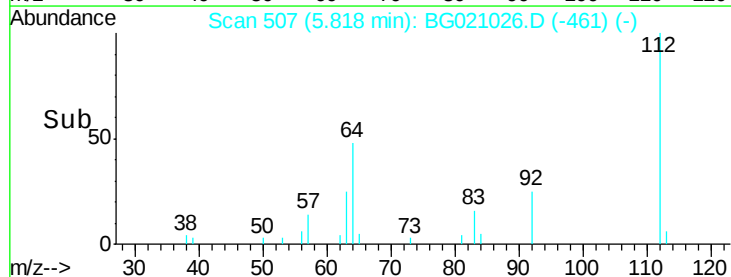
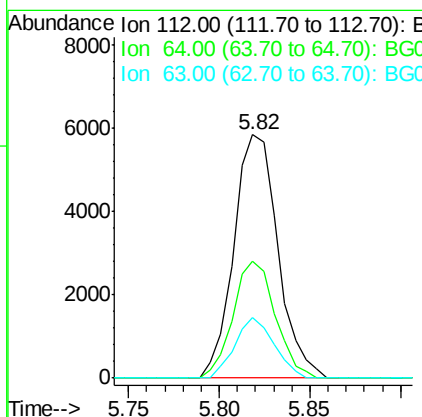
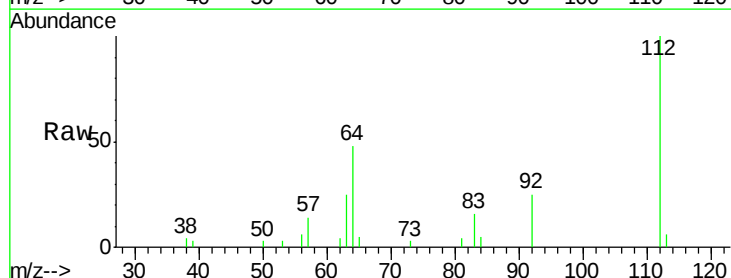
Instrument :
 BNA_G
 ClientSampled :
 EVTP1

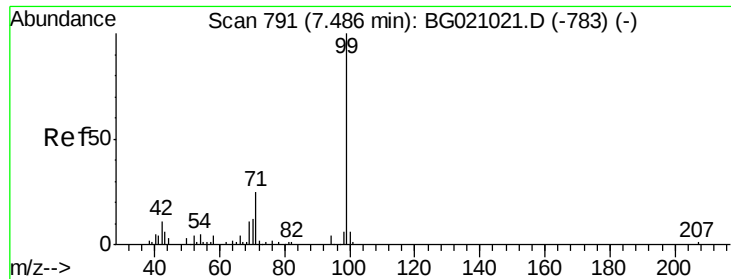
Tot Ion:152 Resp: 8807
 Ion Ratio Lower Upper
 152 100
 150 152.5 122.5 183.7
 115 57.7 40.1 60.1



#5
 2-Fluorophenol
 Concen: 21.13 ng
 RT: 5.82 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BG021026.D
 Acq: 22 Feb 2016 23:00

Tgt Ion:112 Resp: 9893
 Ion Ratio Lower Upper
 112 100
 64 48.0 35.8 53.8
 63 24.9 18.6 27.8





#7

Phenol-d6

Concen: 24.03 ng

RT: 7.45 min Scan# 784

Delta R.T. -0.04 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA_G

ClientSampleId :

EVTP1

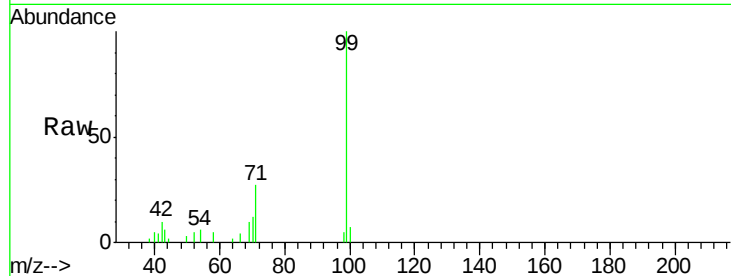
Tot Ion: 99 Resp: 16124

Ion Ratio Lower Upper

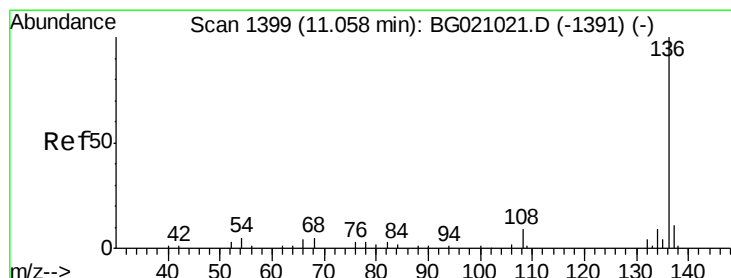
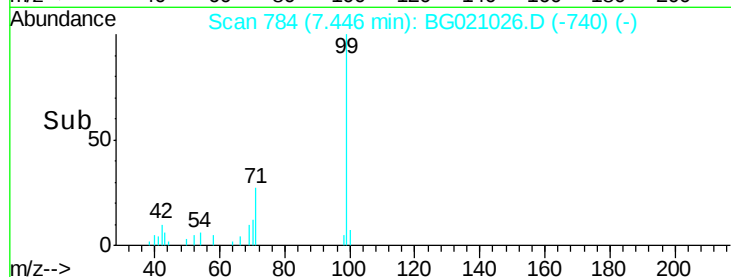
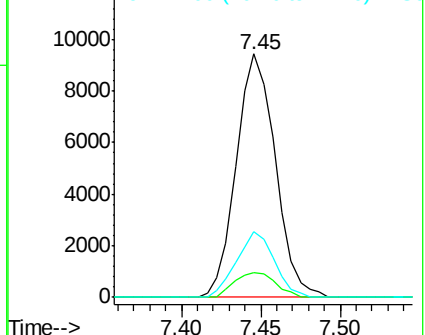
99 100

42 10.3 8.6 13.0

71 26.9 20.1 30.1



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: 11.05 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Tgt Ion: 136 Resp: 46387

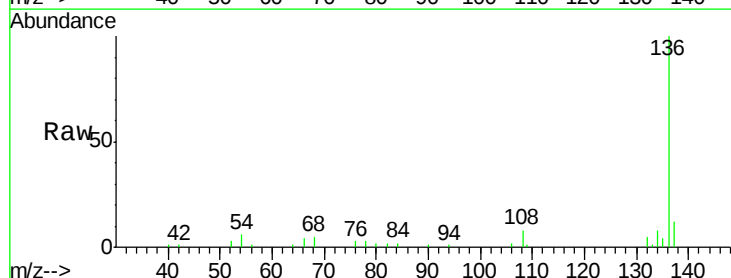
Ion Ratio Lower Upper

136 100

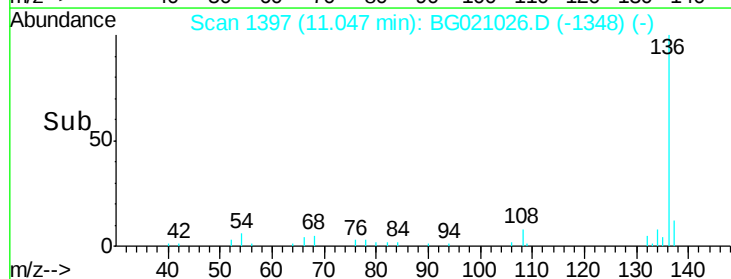
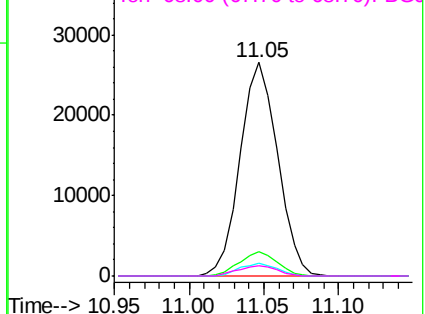
137 11.6 9.0 13.4

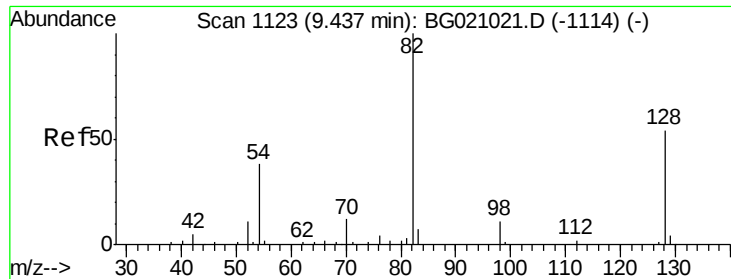
54 5.9 4.2 6.2

68 4.9 4.3 6.5



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

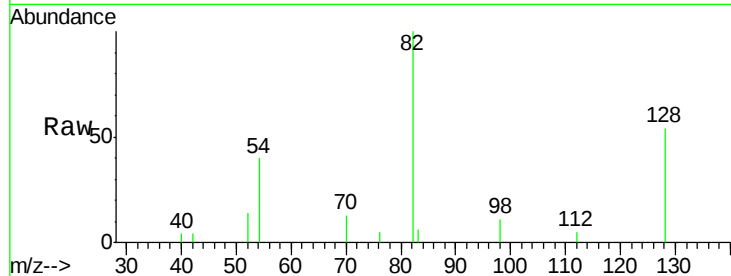




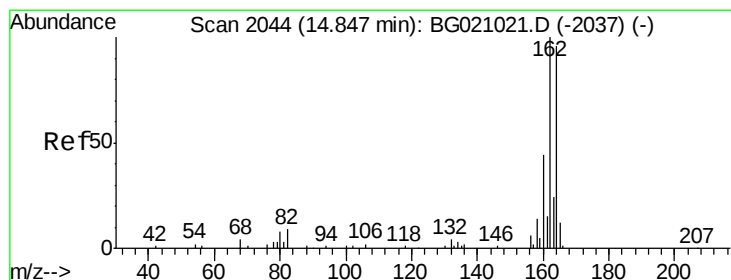
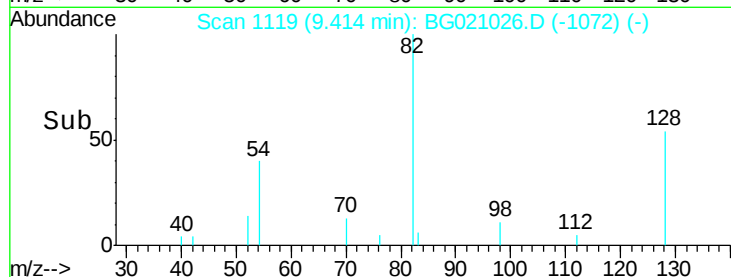
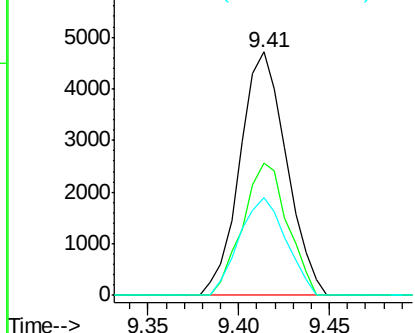
#23
Nitrobenzene-d5
Concen: 13.42 ng
RT: 9.41 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG021026.D
Acq: 22 Feb 2016 23:00

Instrument :
BNA_G
ClientSampleId :
EVTP1

Tot Ion: 82 Resp: 8402
Ion Ratio Lower Upper
82 100
128 54.3 43.4 65.0
54 40.3 30.1 45.1

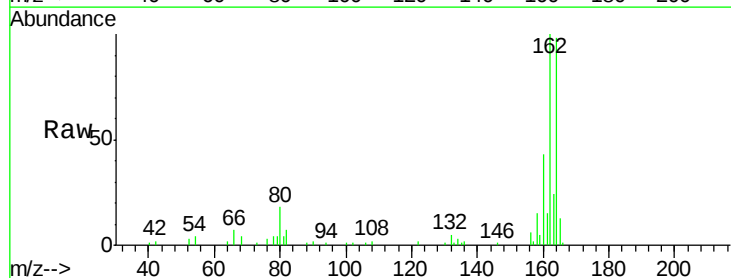


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

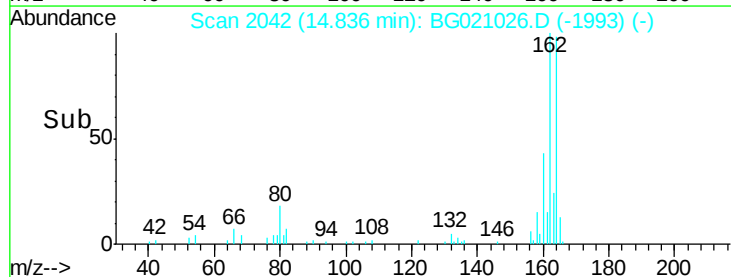
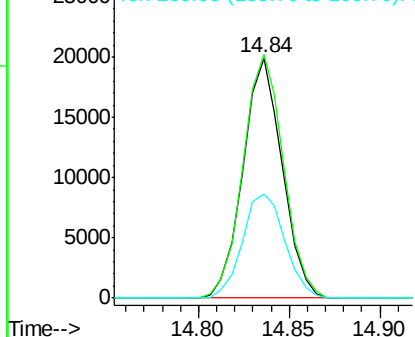


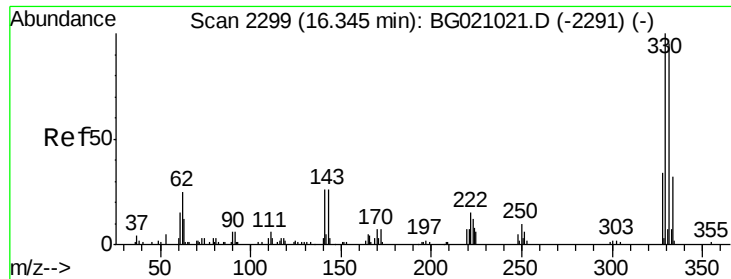
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG021026.D
Acq: 22 Feb 2016 23:00

Tgt Ion:164 Resp: 29961
Ion Ratio Lower Upper
164 100
162 101.5 83.4 125.2
160 43.5 37.0 55.4



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

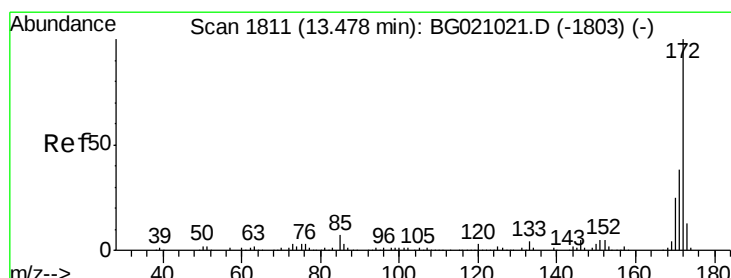
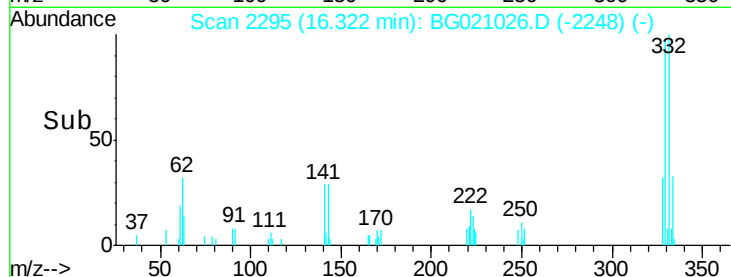
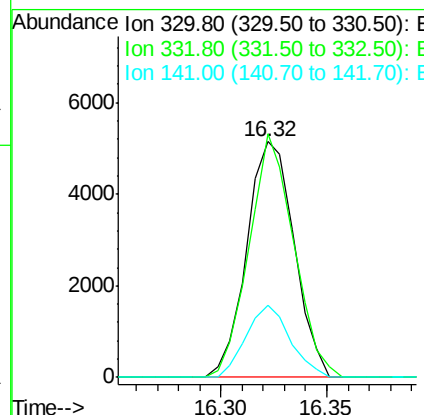
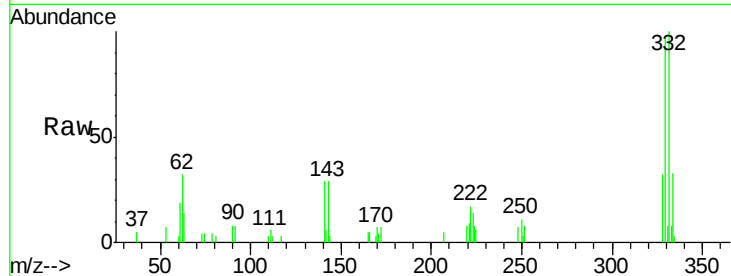




#41
 2,4,6-Tribromophenol
 Concen: 19.60 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.02 min
 Lab File: BG021026.D
 Acq: 22 Feb 2016 23:00

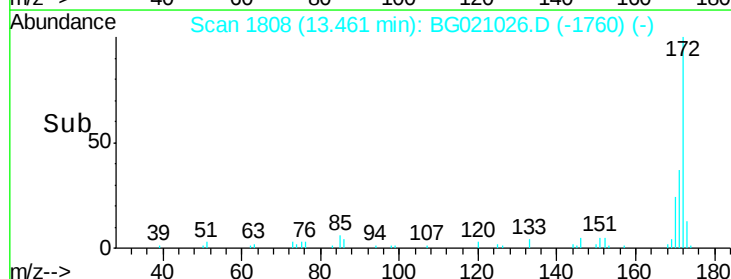
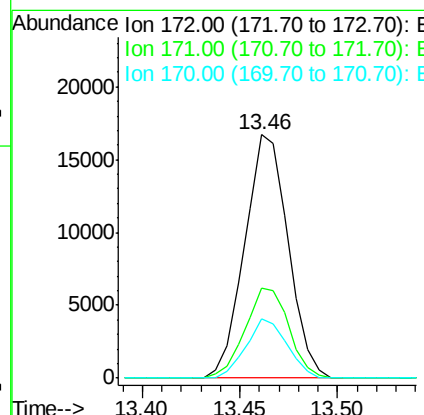
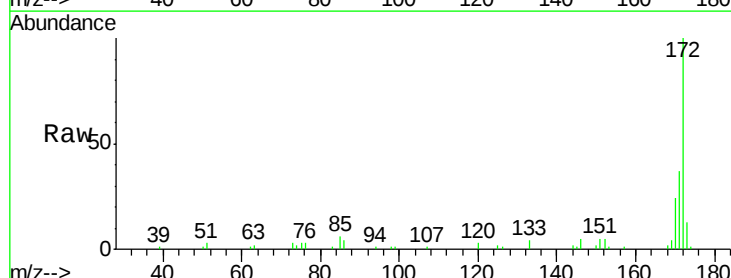
Instrument :
 BNA_G
 ClientSampleId :
 EVTP1

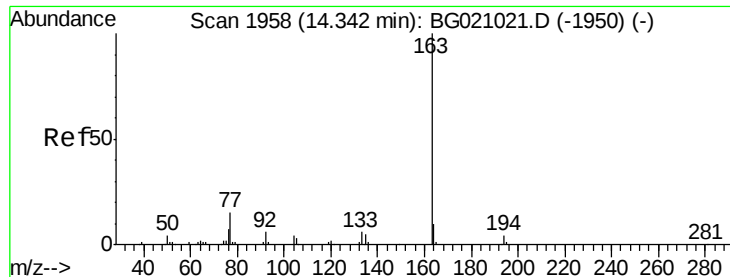
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.4
141	28.2	23.5	35.3



#44
 2-Fluorobiphenyl
 Concen: 11.97 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. -0.02 min
 Lab File: BG021026.D
 Acq: 22 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.3	45.5
170	24.2	19.8	29.8

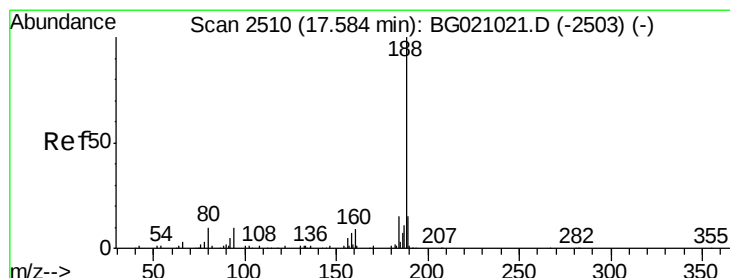
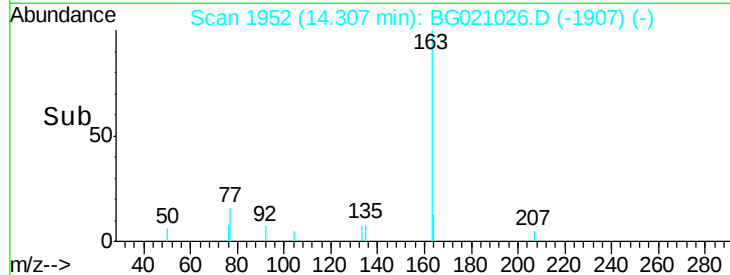
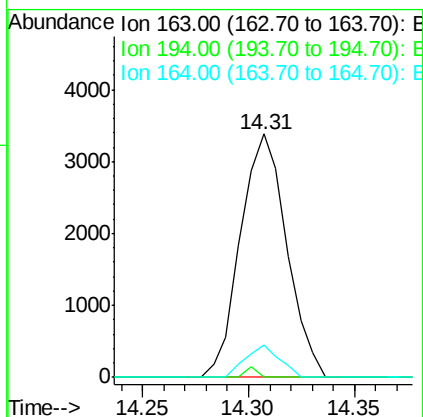
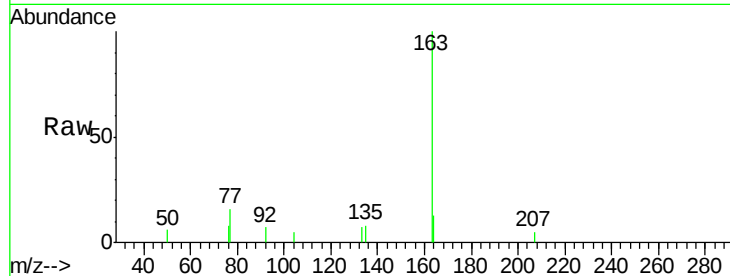




#49
Dimethylphthalate
Concen: 2.07 ng
RT: 14.31 min Scan# 1952
Delta R.T. -0.03 min
Lab File: BG021026.D
Acq: 22 Feb 2016 23:00

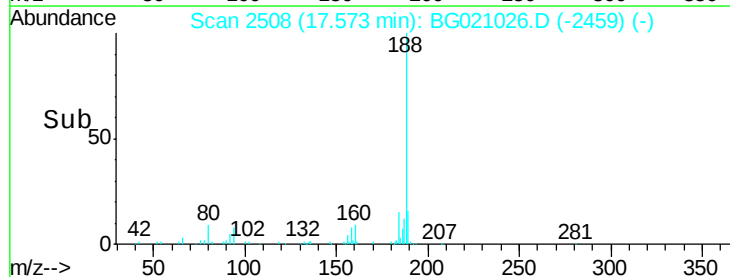
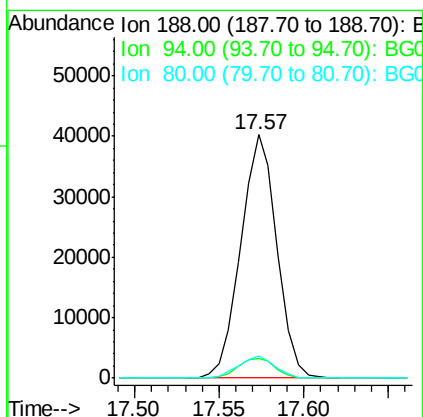
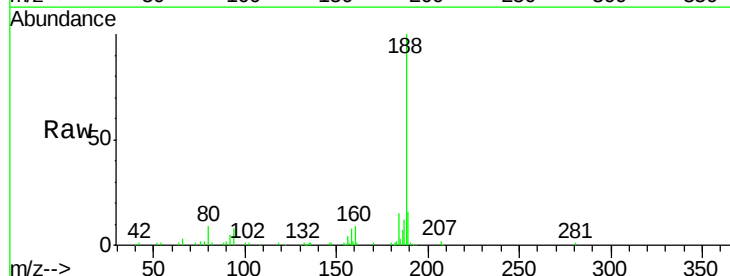
Instrument :
BNA_G
ClientSampleId :
EVTP1

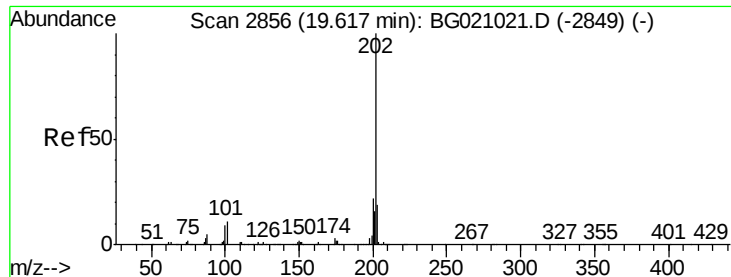
Tot Ion:163 Resp: 5127
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 13.2 8.1 12.1#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BG021026.D
Acq: 22 Feb 2016 23:00

Tgt Ion:188 Resp: 59606
Ion Ratio Lower Upper
188 100
94 8.2 7.9 11.9
80 9.1 8.2 12.4





#74

Fluoranthene

Concen: 3.01 ng

RT: 19.61 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA_G

ClientSampleId :

EVTP1

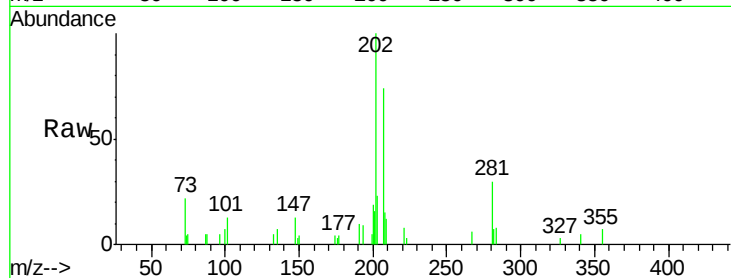
Tot Ion:202 Resp: 8375

Ion Ratio Lower Upper

202 100

101 13.1 0.0 30.9

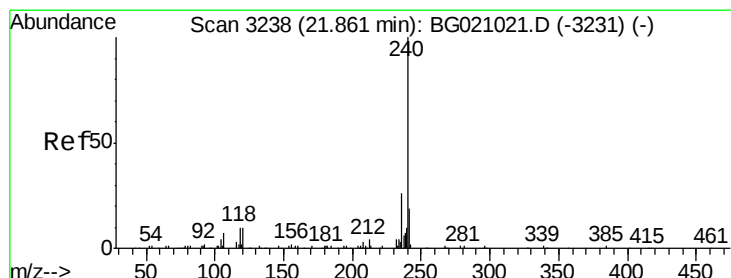
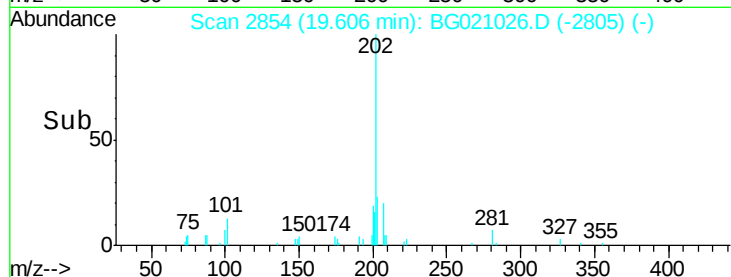
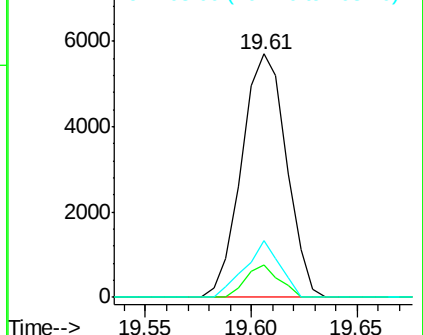
203 23.3 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

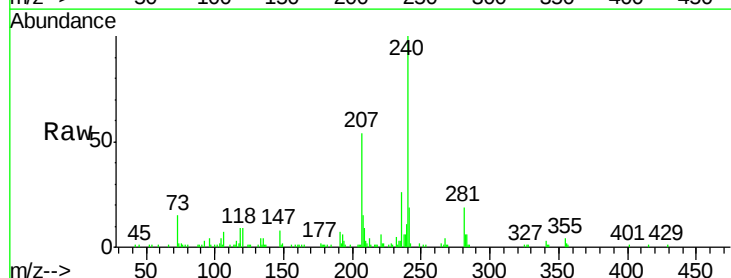
Tgt Ion:240 Resp: 43411

Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

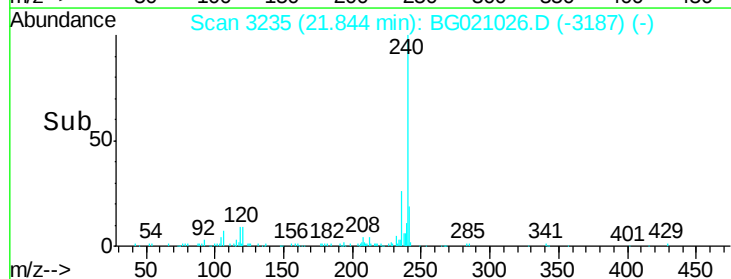
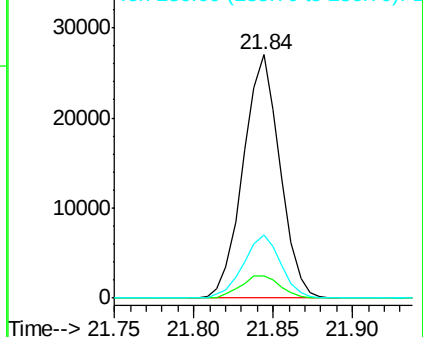
236 25.7 21.2 31.8

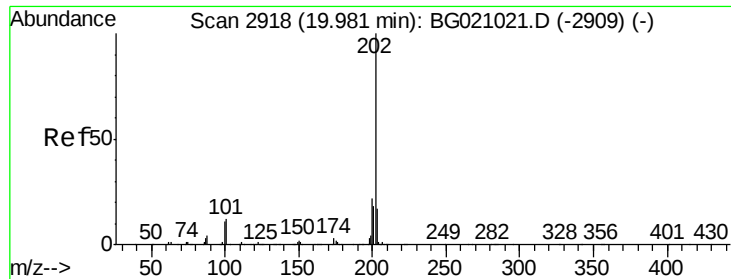


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

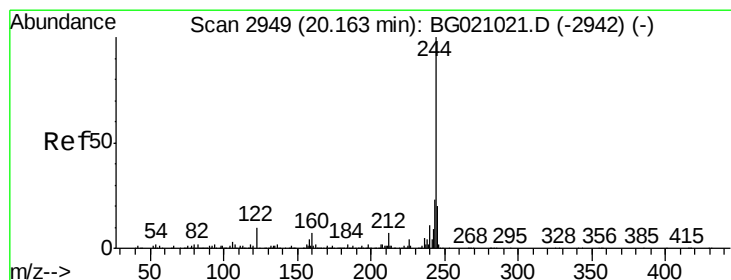
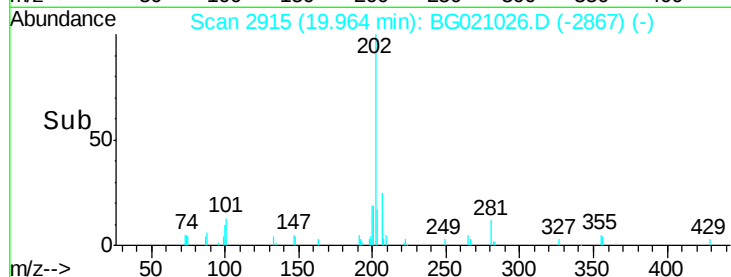
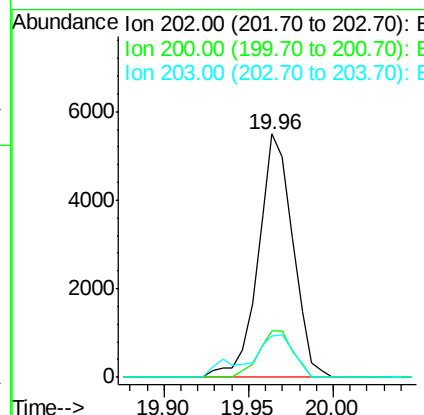
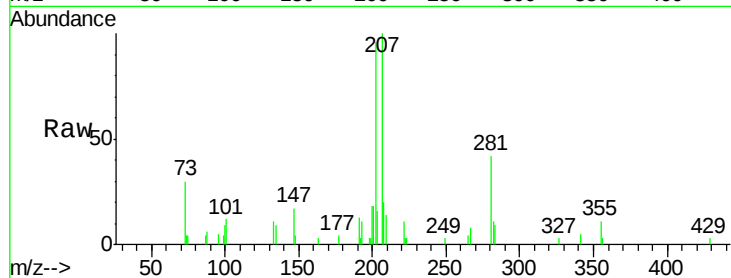




#77
Pvrene
Concen: 2.34 ng
RT: 19.96 min Scan# 2915
Delta R.T. -0.02 min
Lab File: BG021026.D
Acq: 22 Feb 2016 23:00

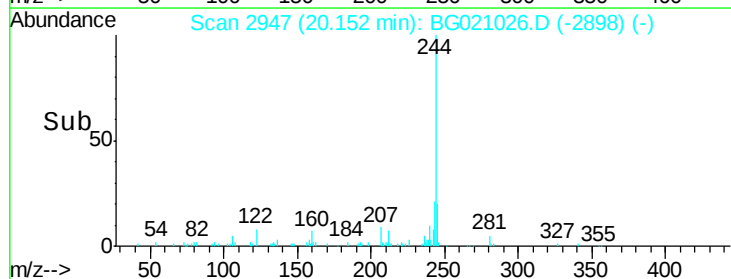
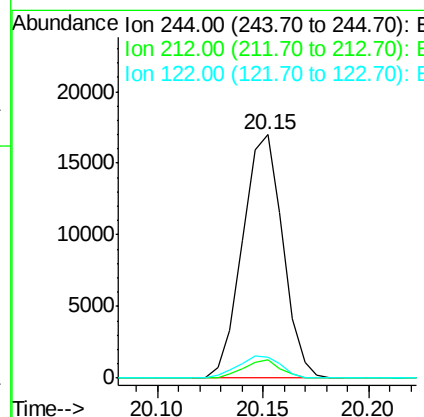
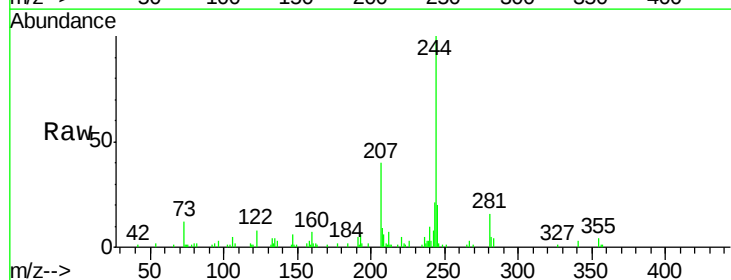
Instrument :
BNA_G
ClientSampleId :
EVTP1

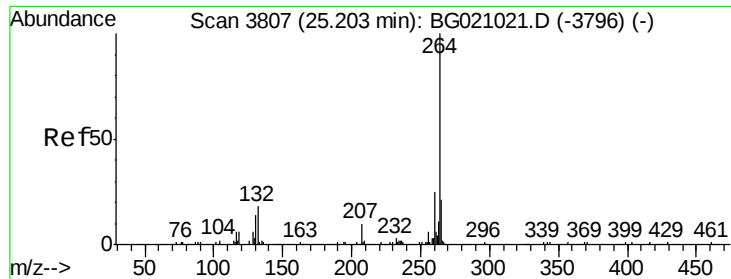
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.4	26.2
203	17.0	13.7	20.5



#78
Terphenyl-d14
Concen: 9.74 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG021026.D
Acq: 22 Feb 2016 23:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.3	7.9
122	8.4	7.9	11.9





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.18 min Scan# 3803

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

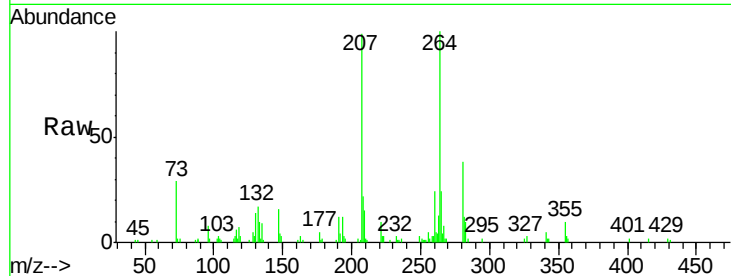
BNA_G

ClientSampleId :

EVTP1

Tot Ion:264 Resp: 43375

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	24.4	20.7	31.1

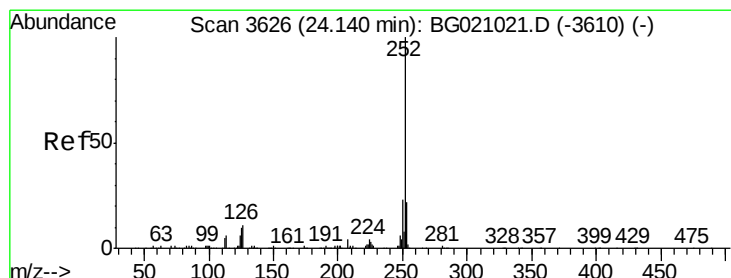
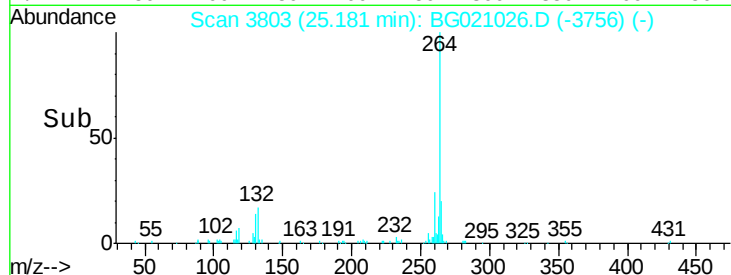
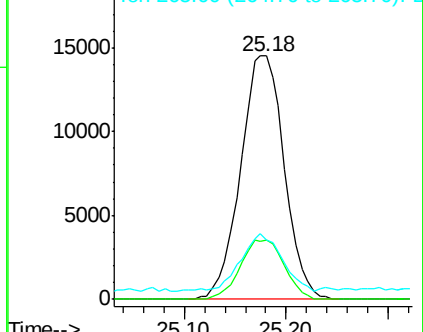


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 2.60 ng

RT: 24.11 min Scan# 3621

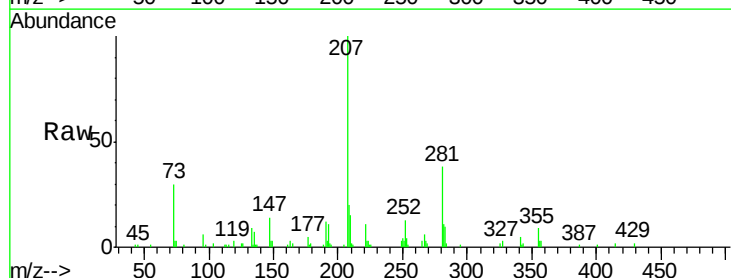
Delta R.T. -0.03 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Tgt Ion:252 Resp: 6716

Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.4	27.6#
125	16.9	8.6	12.8#

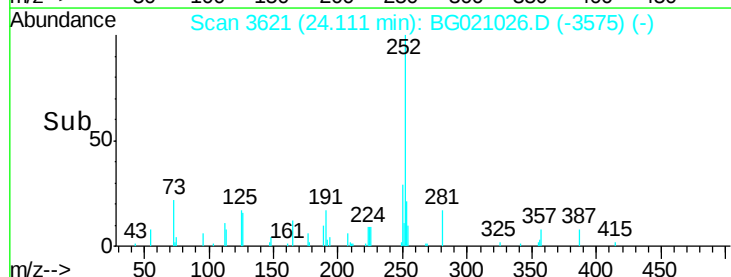
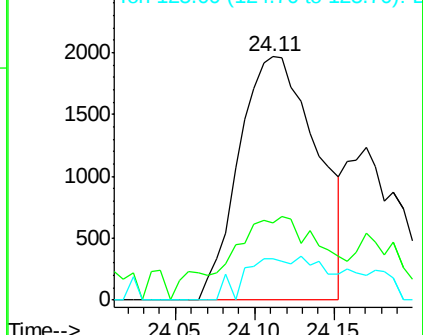


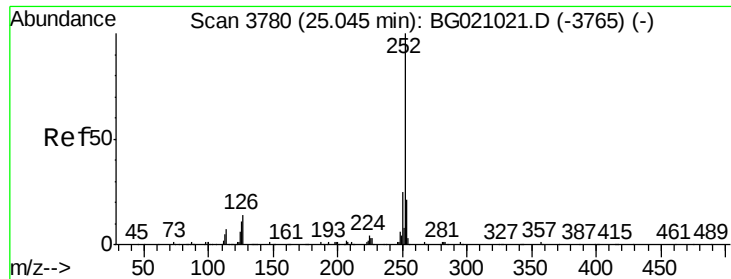
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.19 ng

RT: 25.00 min Scan# 3773

Delta R.T. -0.04 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA_G

ClientSampleId :

EVTP1

Tot Ion: 252 Resp: 5465

Ion Ratio Lower Upper

252 100

253 29.2 17.5 26.3#

125 15.0 9.0 13.6#

