

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021143.D
 Acq On : 28 Feb 2016 9:24
 Operator : UM/SJ
 Sample : H1526-06
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-05

Quant Time: Feb 29 01:15:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

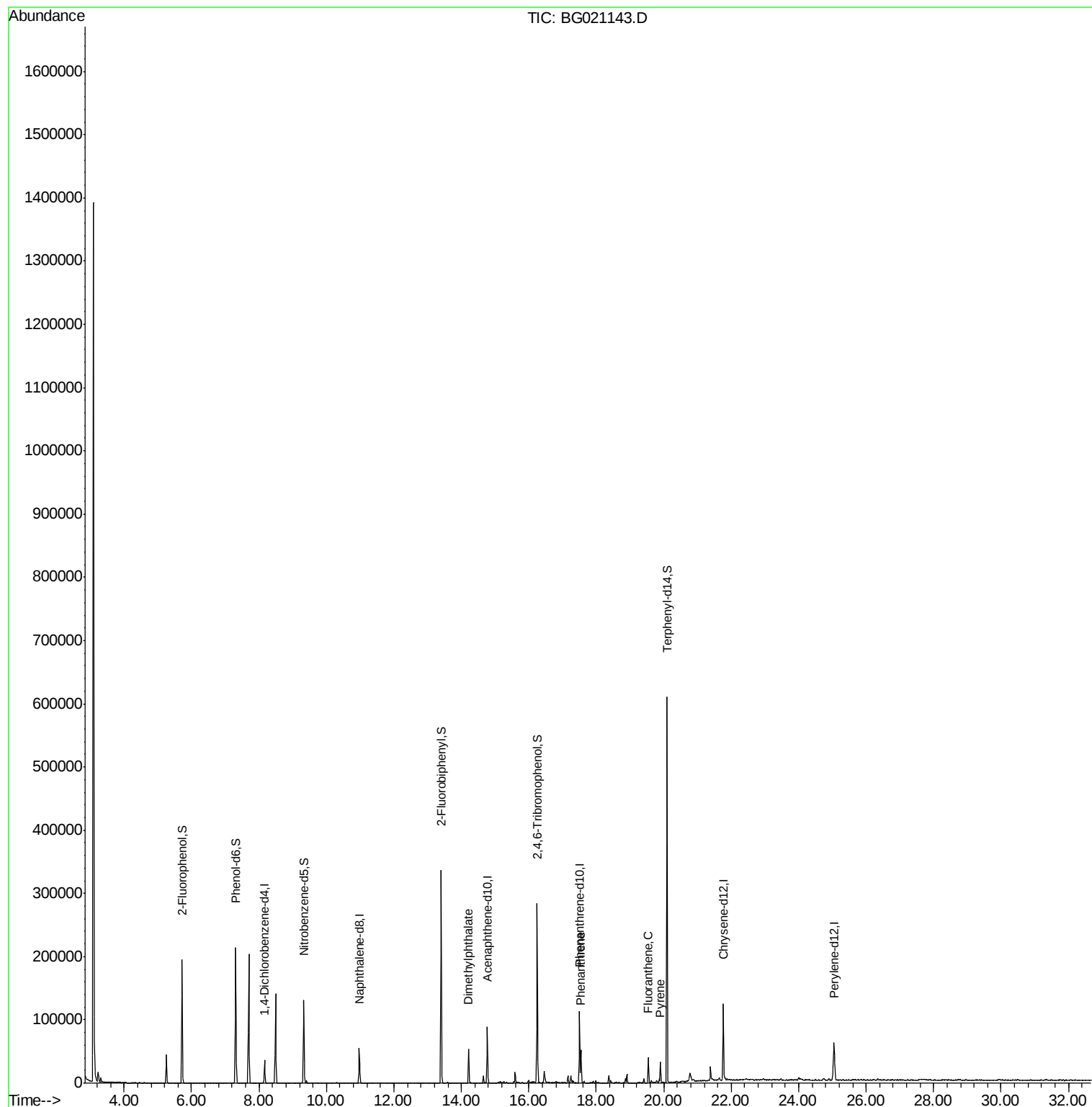
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9165	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	43708	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	27621	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	64369	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	66411	20.00	ng	-0.02
86) Perylene-d12	25.05	264	61201	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	73765	140.91	ng	0.00
7) Phenol-d6	7.31	99	118898	152.63	ng	-0.02
23) Nitrobenzene-d5	9.33	82	84170	91.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	36289	100.21	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	154872	71.75	ng	-0.01
78) Terphenyl-d14	20.09	244	234873	82.65	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	30779	12.93	ng	99
70) Phenanthrene	17.55	178	30654	8.85	ng	99
74) Fluoranthene	19.54	202	24086	5.54	ng	98
77) Pyrene	19.90	202	19475	5.30	ng	97

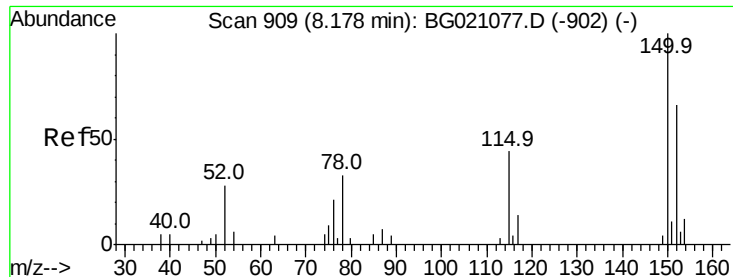
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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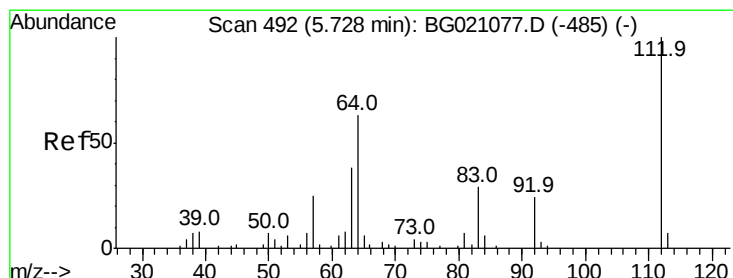
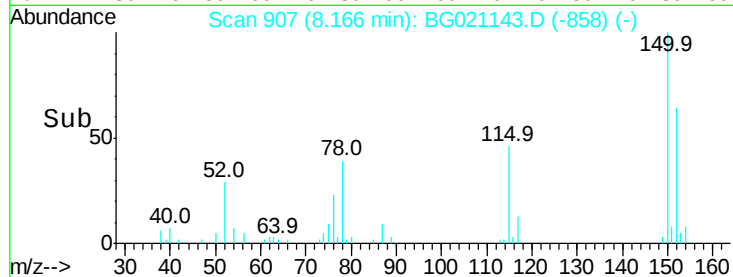
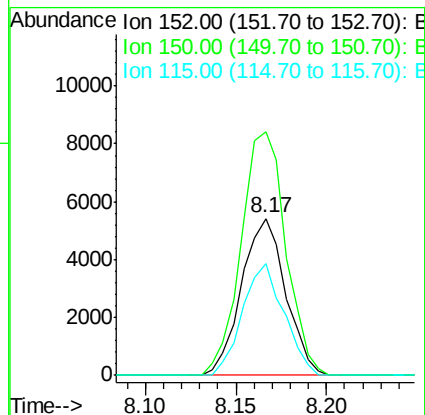
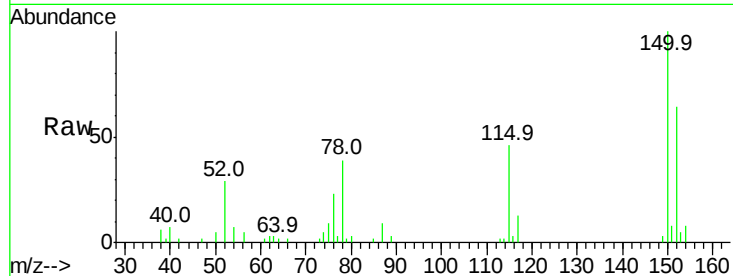


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampled :
P-05

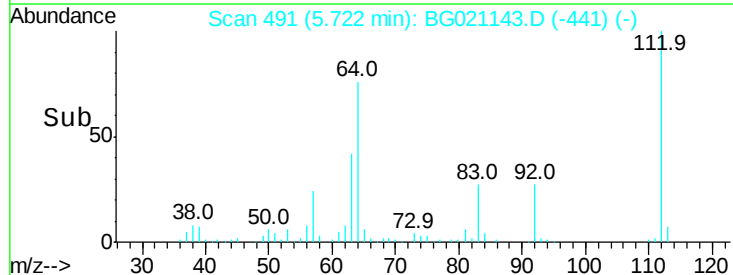
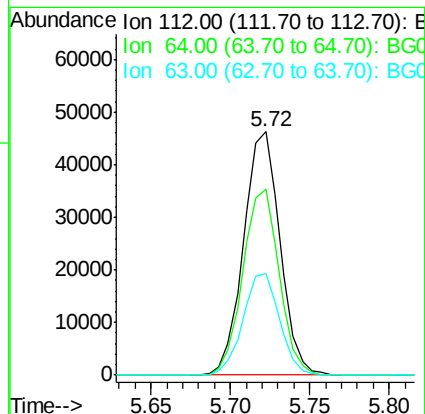
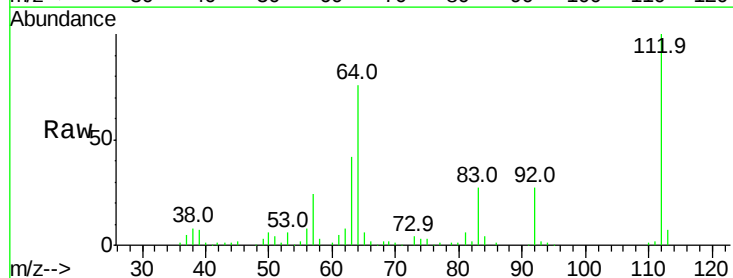
Tot Ion:152 Resp: 9165
Ion Ratio Lower Upper
152 100
150 155.5 123.4 185.2
115 71.1 43.3 64.9#



#5

2-Fluorophenol
Concen: 140.91 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Tgt Ion:112 Resp: 73765
Ion Ratio Lower Upper
112 100
64 76.3 42.6 63.8#
63 41.9 21.7 32.5#





#7

Phenol-d6

Concen: 152.63 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

Instrument :

BNA_G

ClientSampleId :

P-05

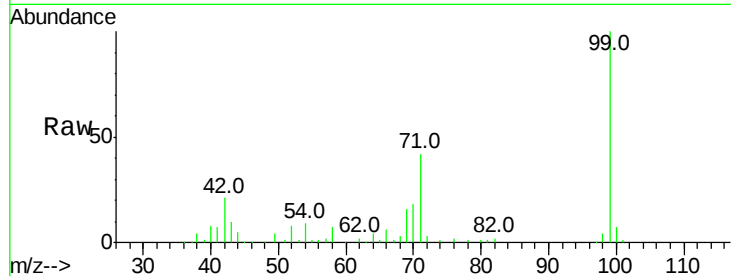
Tot Ion: 99 Resp: 118898

Ion Ratio Lower Upper

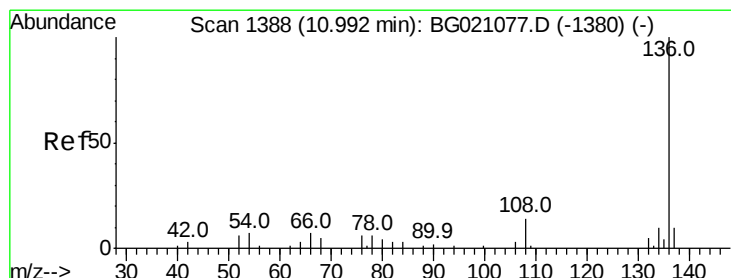
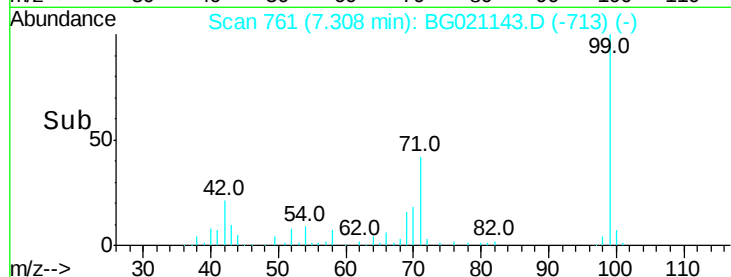
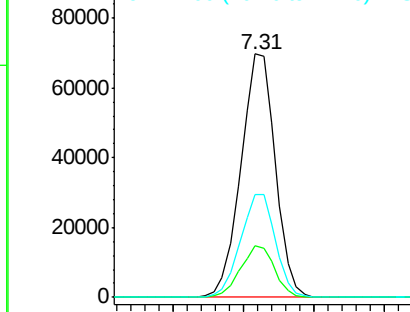
99 100

42 21.0 13.2 19.8#

71 42.3 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: 10.97 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

Tgt Ion: 136 Resp: 43708

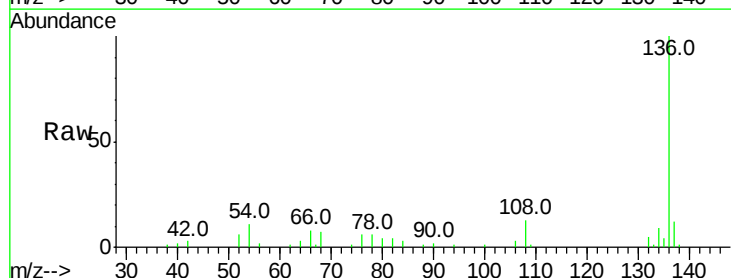
Ion Ratio Lower Upper

136 100

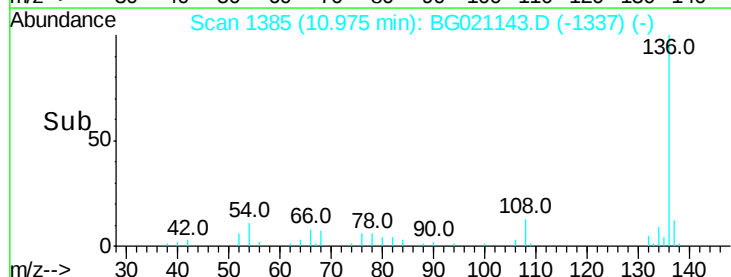
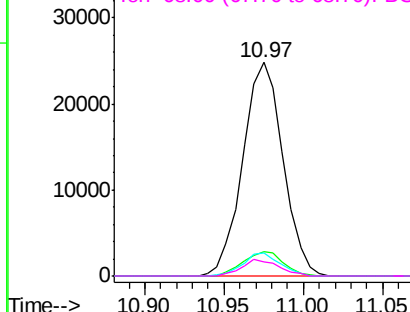
137 11.5 8.8 13.2

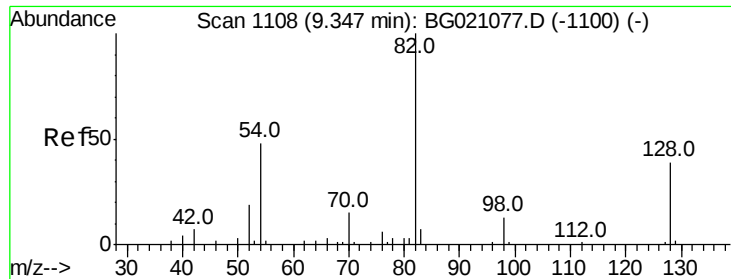
54 10.8 6.9 10.3#

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

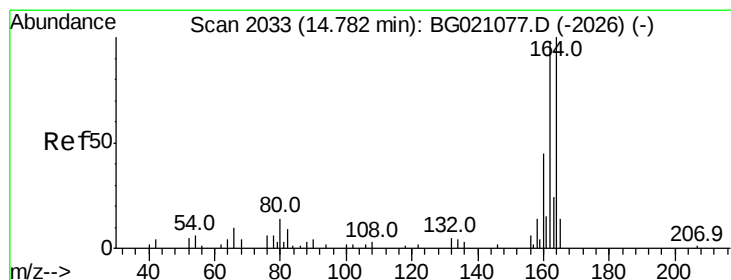
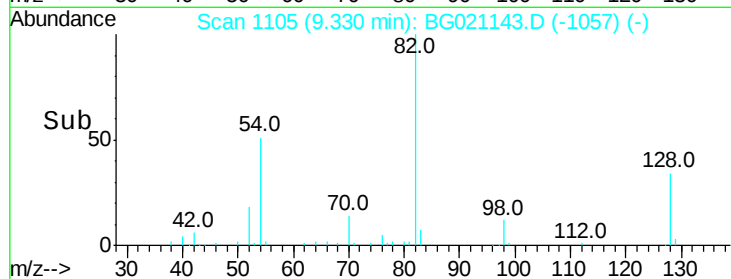
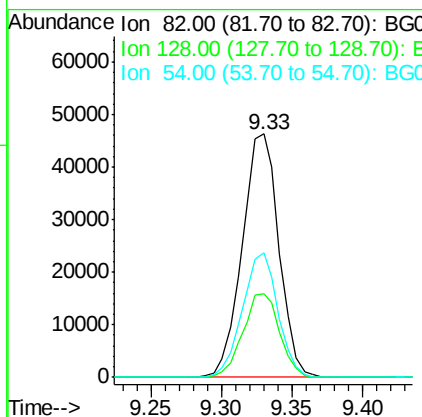
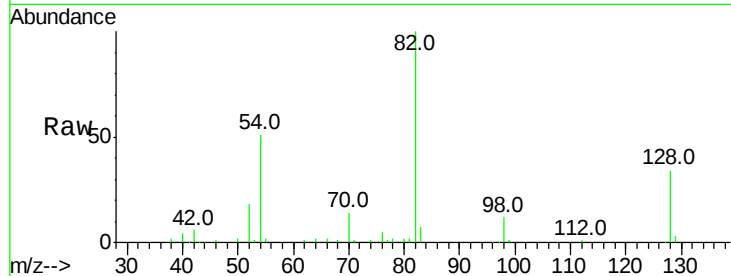




#23
Nitrobenzene-d5
Concen: 91.75 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

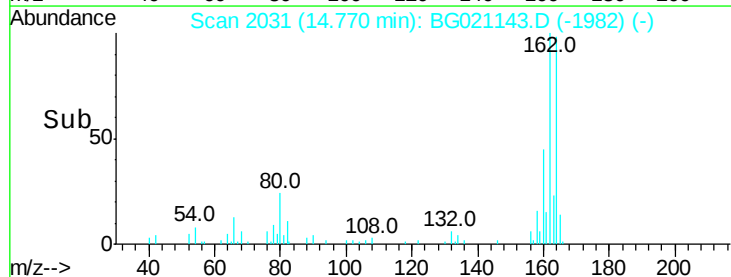
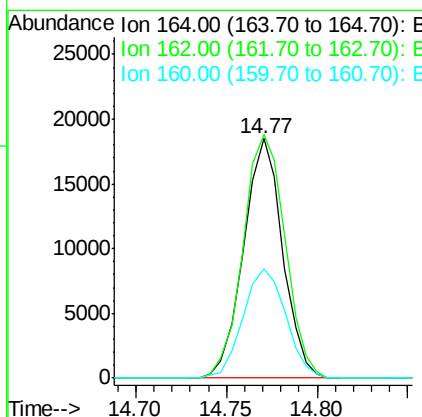
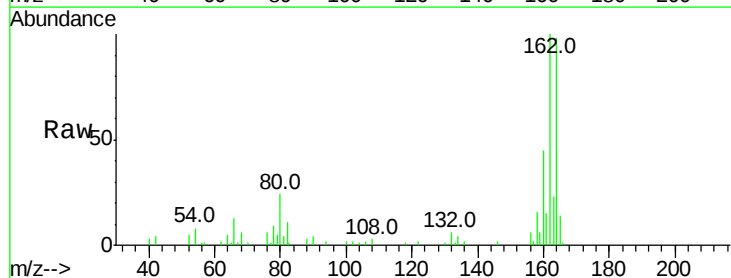
Instrument :
BNA_G
ClientSampleId :
P-05

Tot Ion: 82 Resp: 84170
Ion Ratio Lower Upper
82 100
128 34.4 36.3 54.5#
54 51.3 37.6 56.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Tgt Ion: 164 Resp: 27621
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 45.5 36.5 54.7

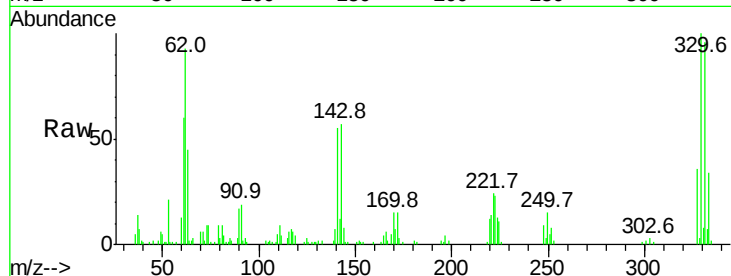




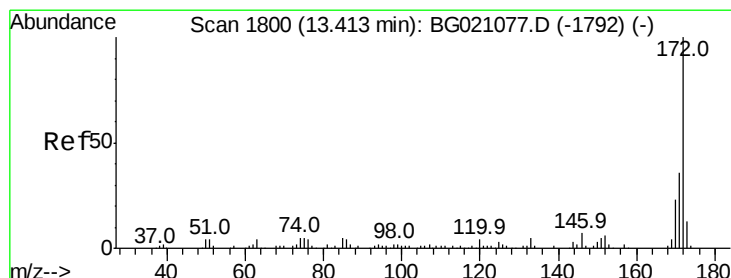
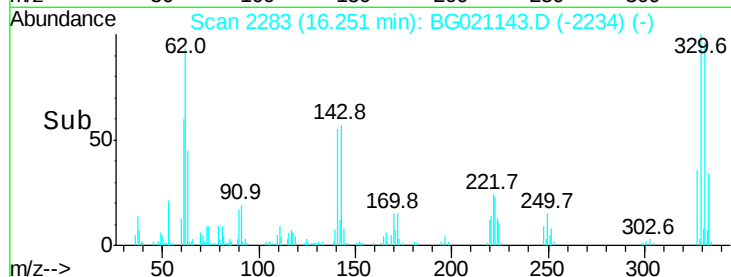
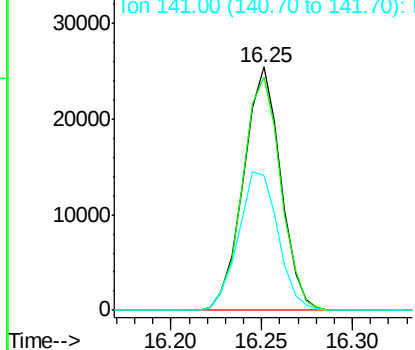
#41
 2,4,6-Tribromophenol
 Concen: 100.21 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021143.D
 Acq: 28 Feb 2016 9:24

Instrument :
 BNA_G
 ClientSampled :
 P-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.4	116.0
141	60.6	35.3	52.9#

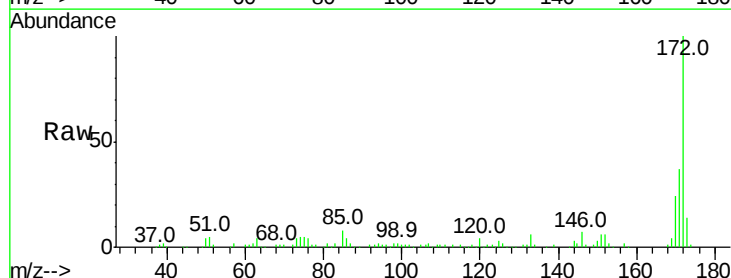


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

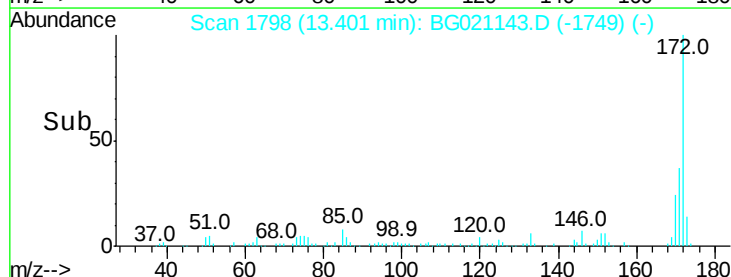
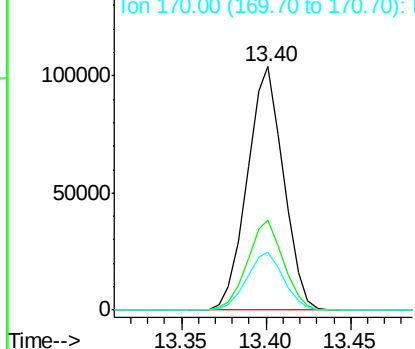


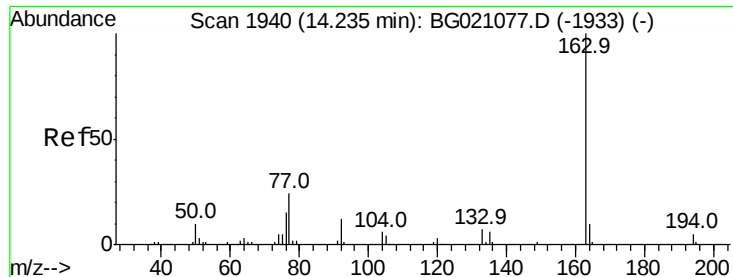
#44
 2-Fluorobiphenyl
 Concen: 71.75 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021143.D
 Acq: 28 Feb 2016 9:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.0	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: 12.93 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

Instrument :

BNA_G

ClientSampleId :

P-05

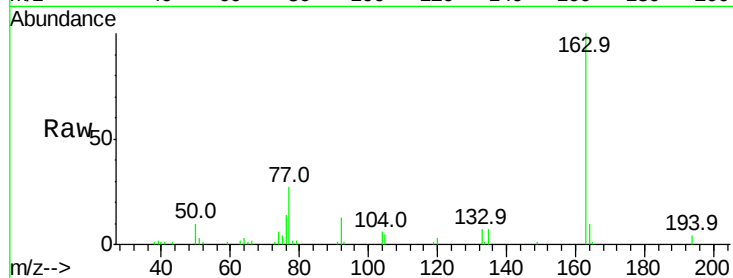
Tot Ion:163 Resp: 30779

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2

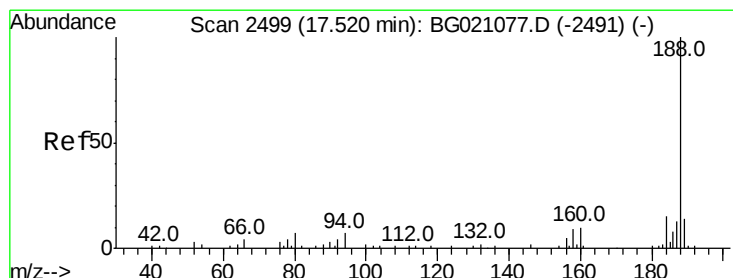
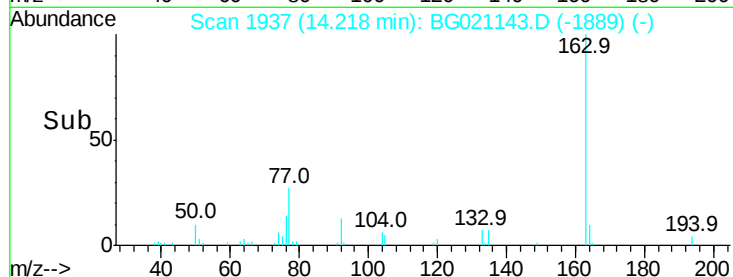
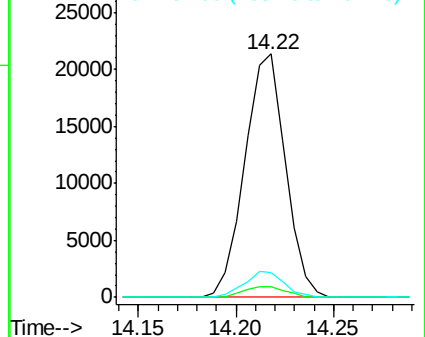
164 10.1 7.9 11.9



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: 17.50 min Scan# 2496

Delta R.T. -0.02 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

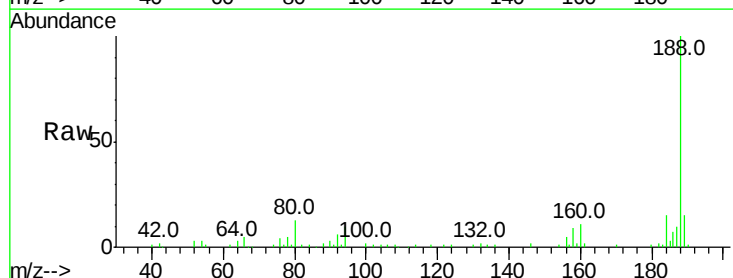
Tgt Ion:188 Resp: 64369

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

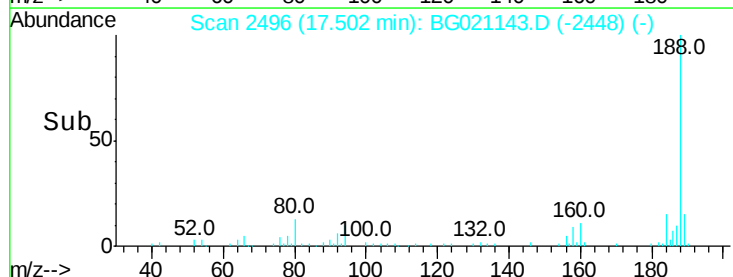
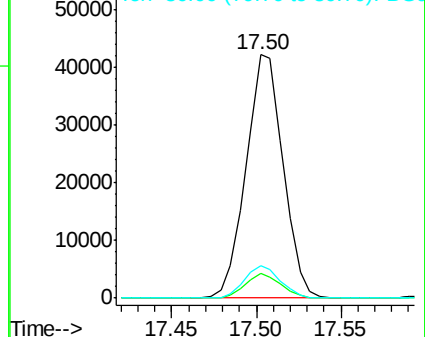
80 13.4 9.2 13.8

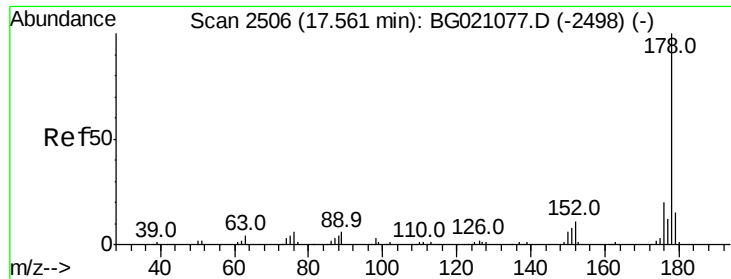


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 8.85 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

Instrument :

BNA_G

ClientSampled :

P-05

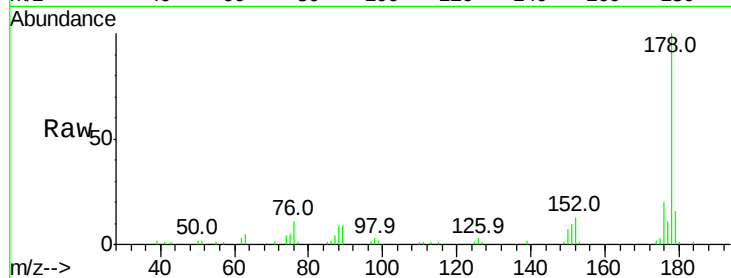
Tot Ion:178 Resp: 30654

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

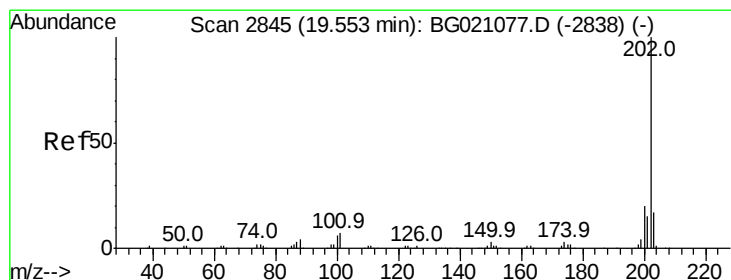
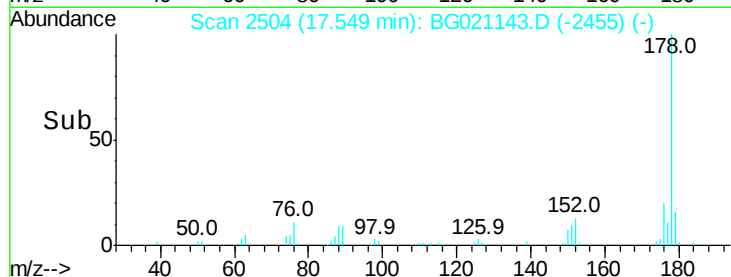
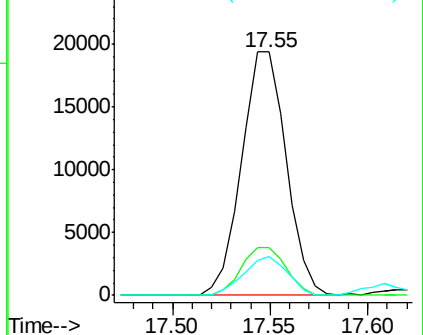
179 16.0 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 5.54 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

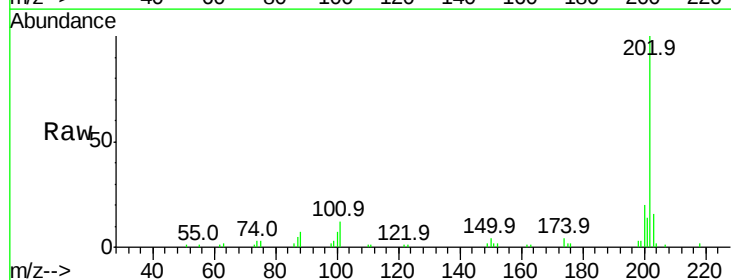
Tgt Ion:202 Resp: 24086

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.5

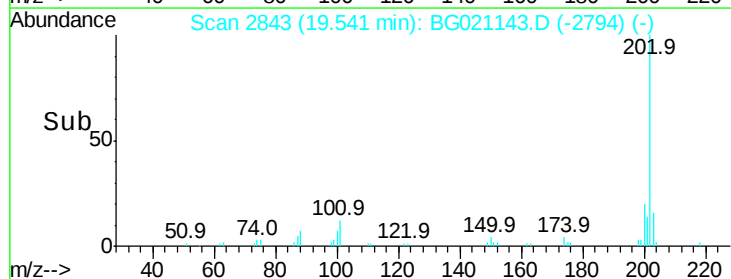
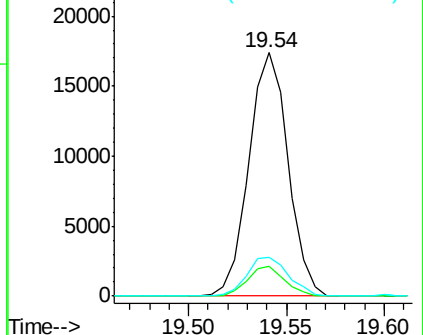
203 16.0 0.0 37.6

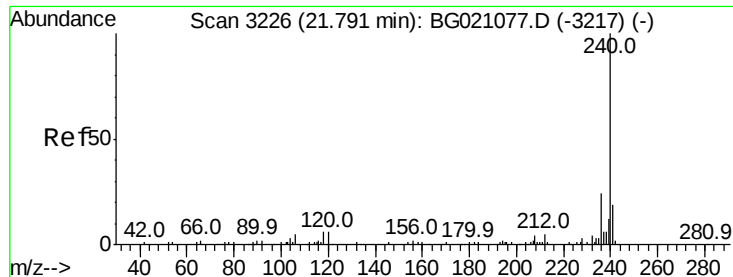


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

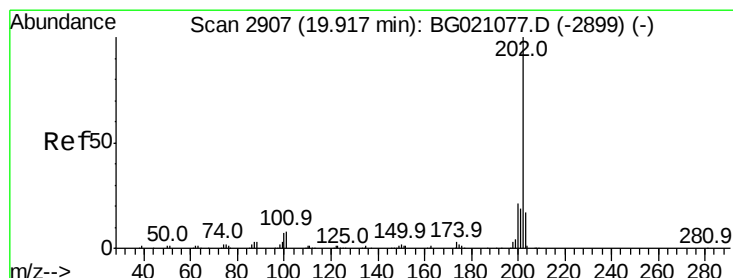
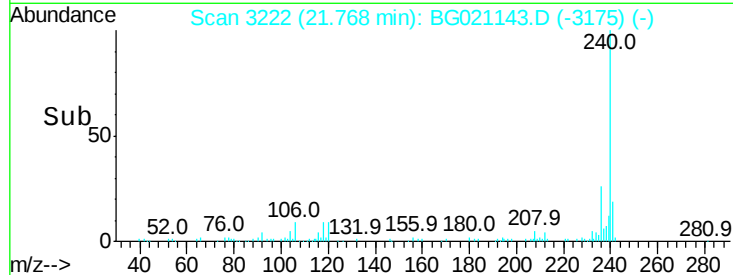
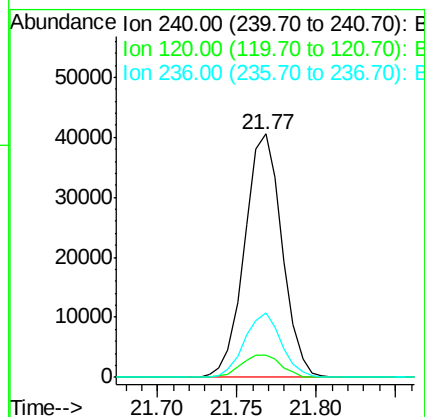
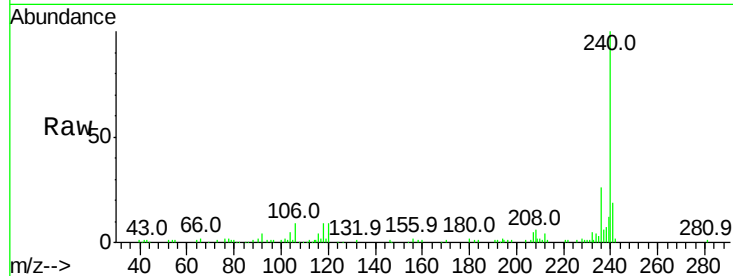




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG021143.D
 Acq: 28 Feb 2016 9:24

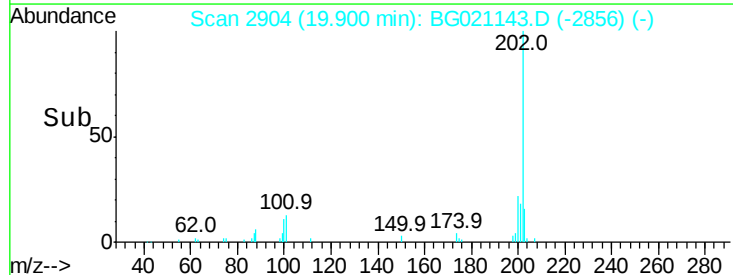
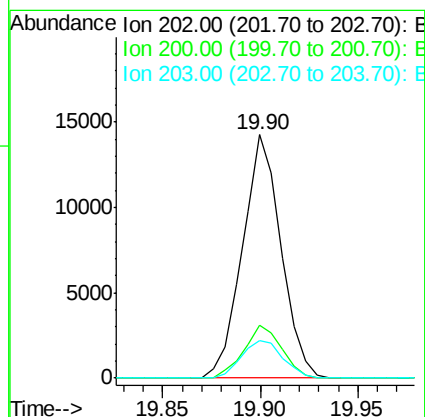
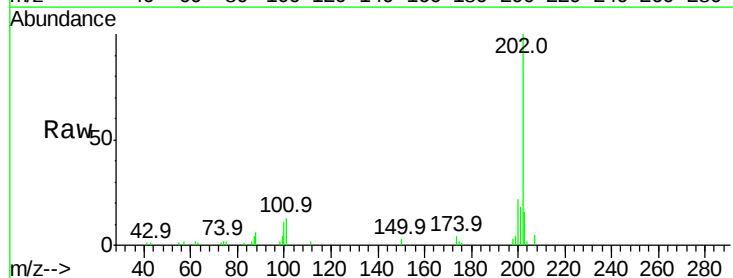
Instrument :
 BNA_G
 ClientSampled :
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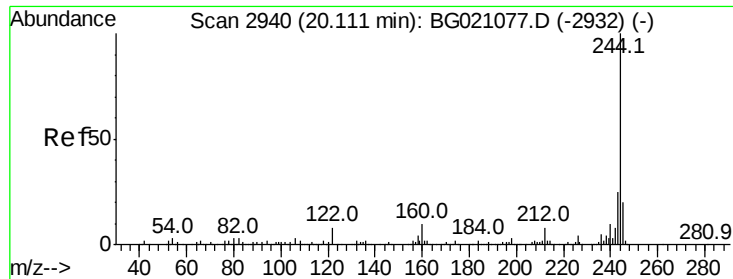
Tot Ion:240 Resp: 66411
 Ion Ratio Lower Upper
 240 100
 120 9.3 7.5 11.3
 236 26.2 20.5 30.7



#77
 Pyrene
 Concen: 5.30 ng
 RT: 19.90 min Scan# 2904
 Delta R.T. -0.02 min
 Lab File: BG021143.D
 Acq: 28 Feb 2016 9:24

Tgt Ion:202 Resp: 19475
 Ion Ratio Lower Upper
 202 100
 200 21.7 16.6 25.0
 203 15.5 13.8 20.8





#78

Terphenyl-d14

Concen: 82.65 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

Instrument :

BNA_G

ClientSampleId :

P-05

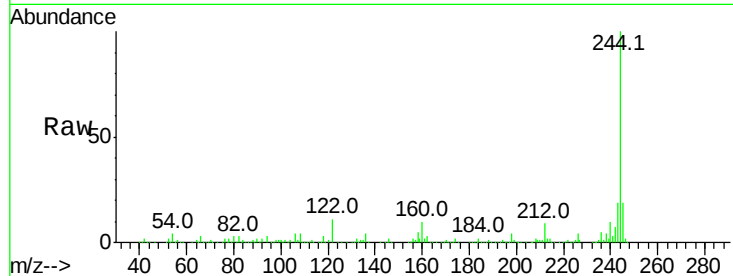
Tot Ion:244 Resp: 234873

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

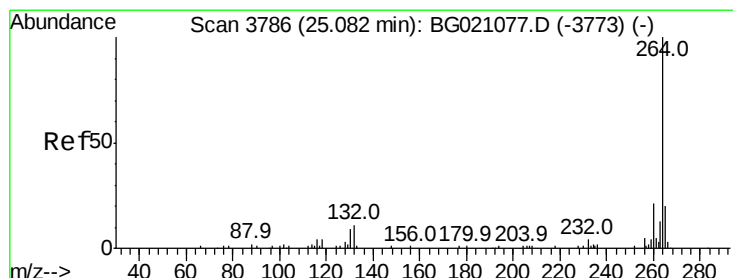
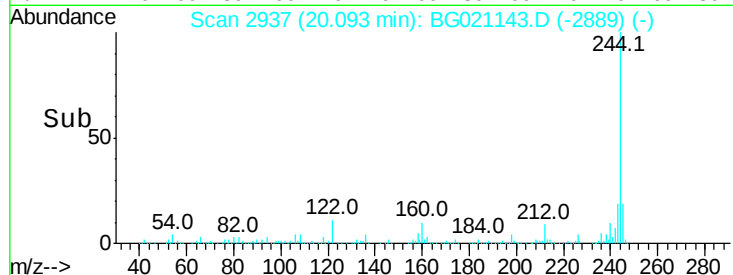
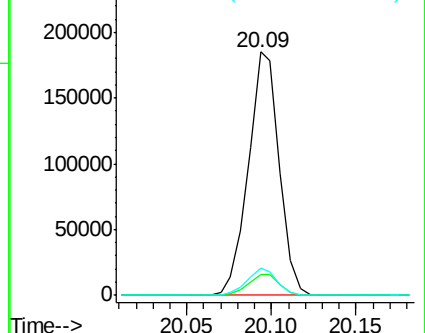
122 11.4 8.3 12.5



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: 25.05 min Scan# 3780

Delta R.T. -0.04 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

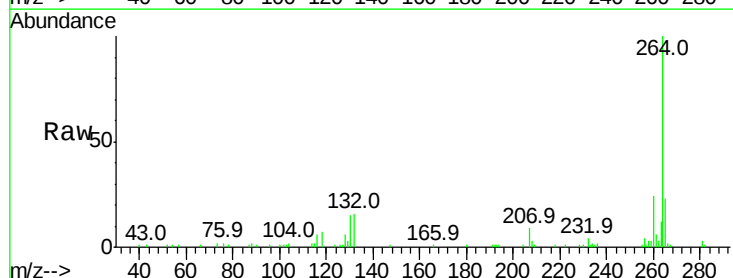
Tgt Ion:264 Resp: 61201

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.6 18.6 28.0



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

