

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032130.D
 Acq On : 18 Jan 2018 9:38
 Operator : SJ/JU
 Sample : J1163-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-(0-4)

Quant Time: Jan 18 10:30:24 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

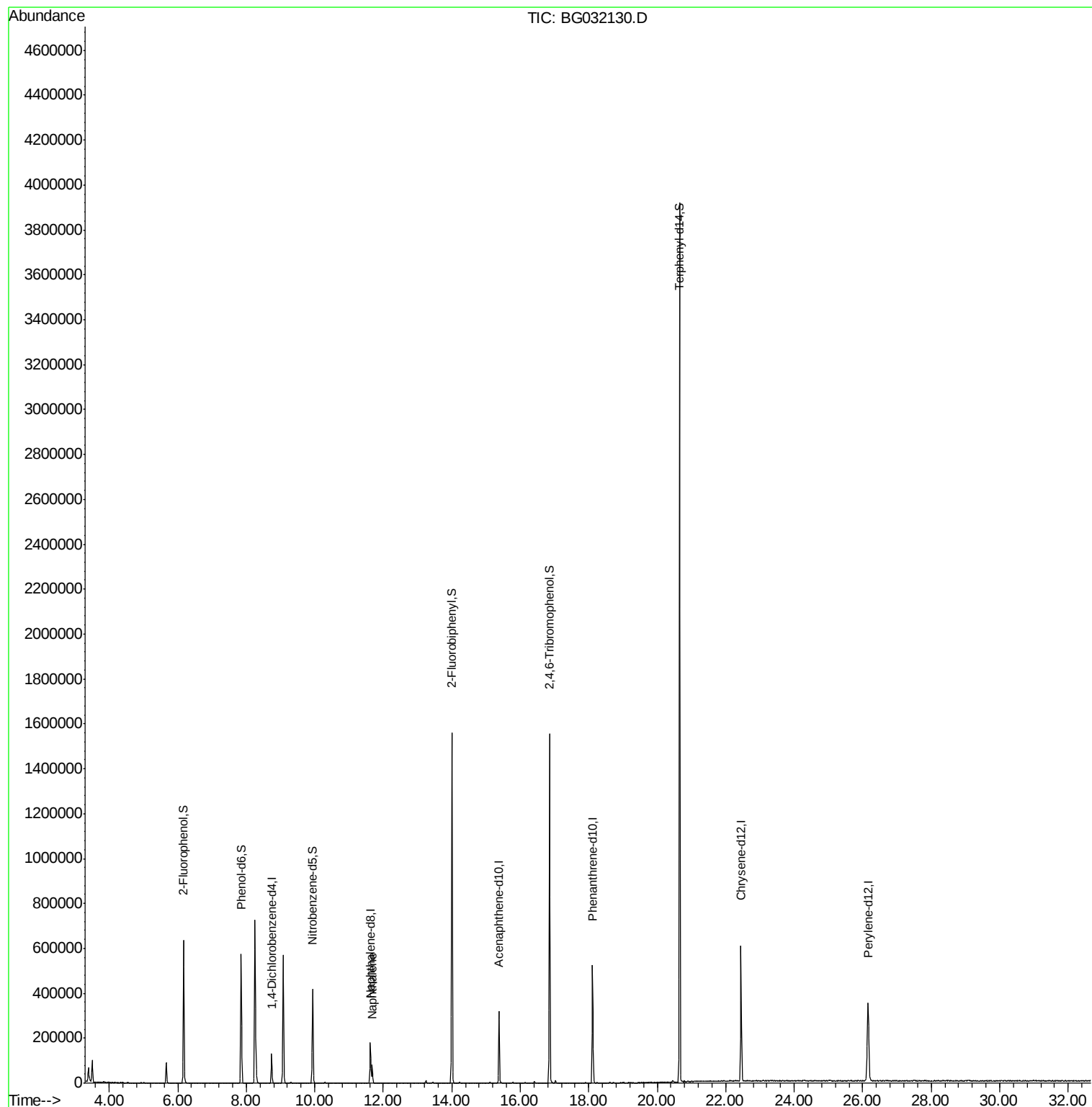
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	44259	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	176438	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	123718	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	359336	20.00	ng	0.00
75) Chrysene-d12	22.45	240	460079	20.00	ng	0.00
86) Perylene-d12	26.16	264	487230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	324411	134.06	ng	0.00
7) Phenol-d6	7.85	99	370249	121.48	ng	0.00
23) Nitrobenzene-d5	9.94	82	264601	101.46	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	338283	165.24	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	913874	91.59	ng	0.00
78) Terphenyl-d14	20.65	244	2049463	98.36	ng	0.00
Target Compounds						
31) Naphthalene	11.68	128	77397	8.855	ng	Qvalue # 95

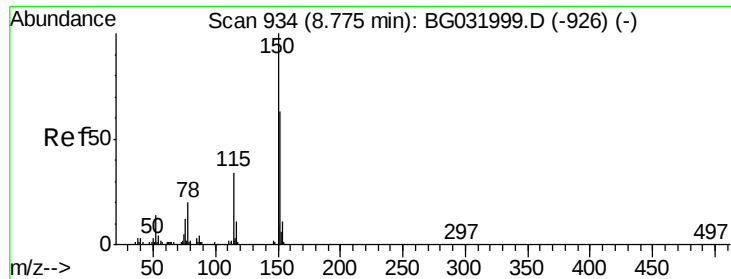
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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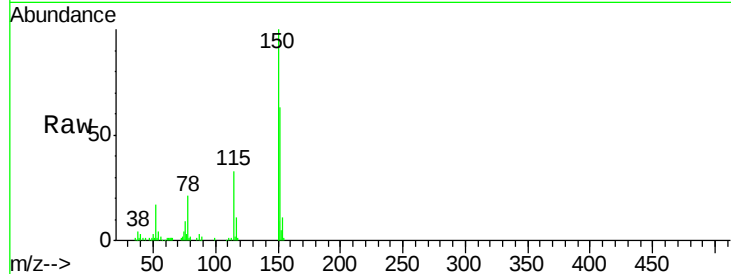


#1

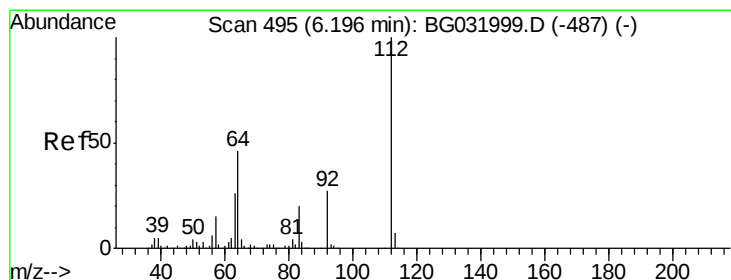
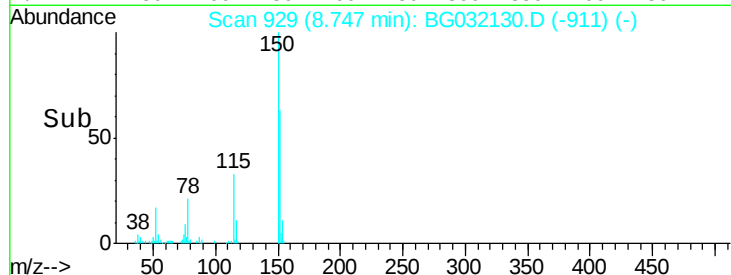
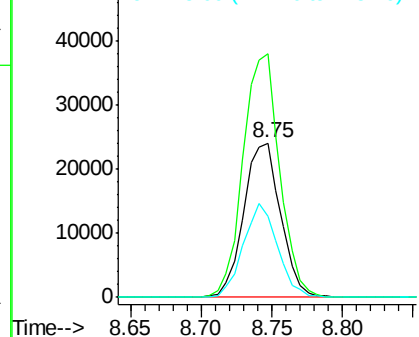
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

Instrument :
BNA_G
ClientSampleId :
TP-1-(0-4)

Tgt Ion:152 Resp: 44259
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 52.6 53.0 79.4#



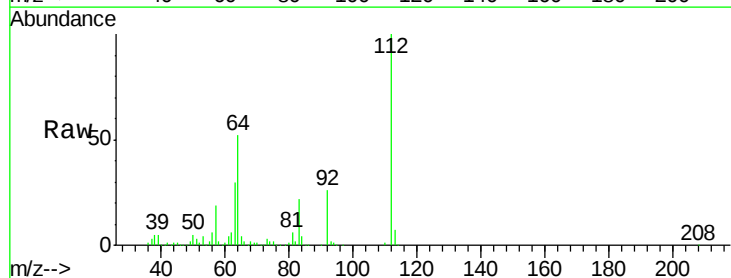
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



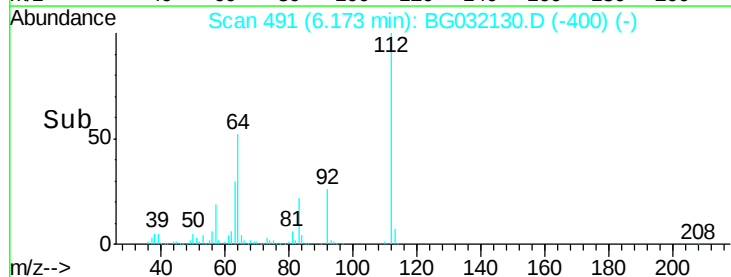
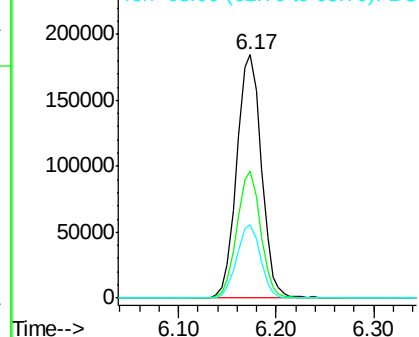
#5

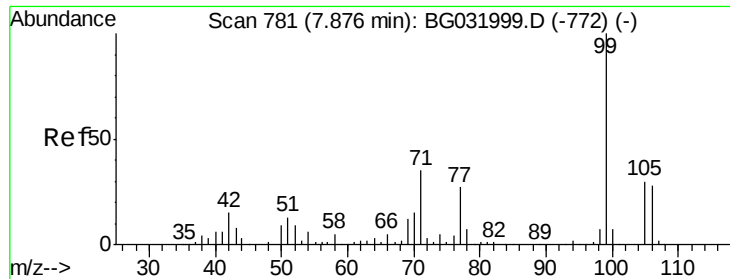
2-Fluorophenol
Concen: 134.058 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032130.D
Acq: 18 Jan 2018 9:38

Tgt Ion:112 Resp: 324411
Ion Ratio Lower Upper
112 100
64 52.4 56.3 84.5#
63 30.1 30.1 45.1#



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: 121.482 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG032130.D

Acq: 18 Jan 2018 9:38

Instrument :

BNA_G

ClientSampleId :

TP-1-(0-4)

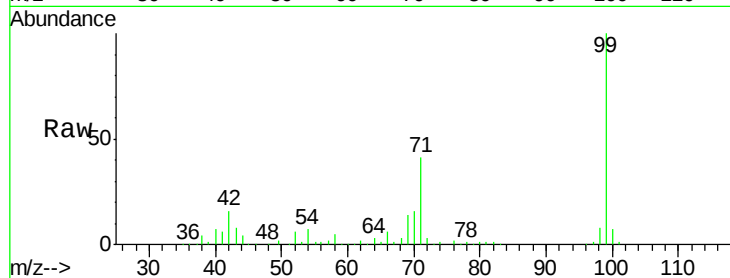
Tgt Ion: 99 Resp: 370249

Ion Ratio Lower Upper

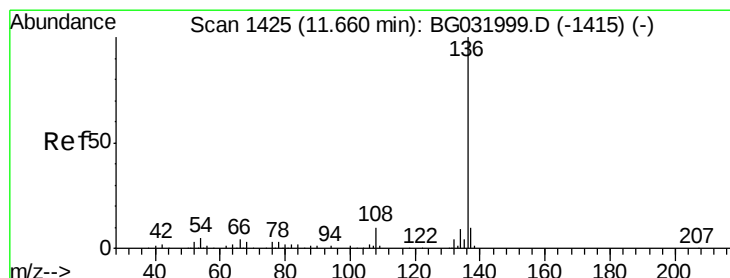
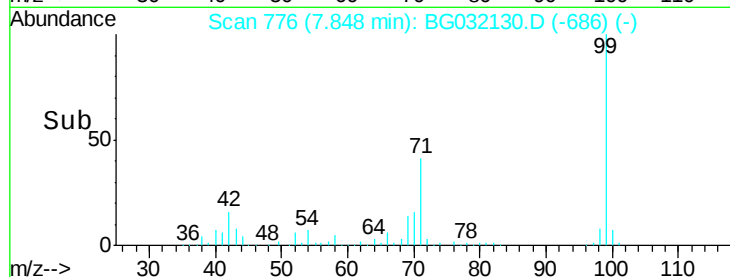
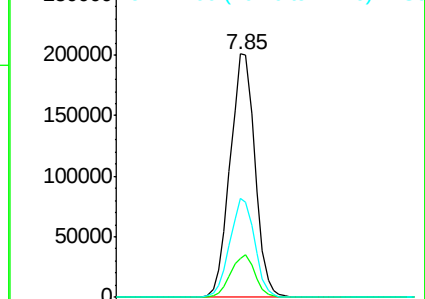
99 100

42 16.2 14.1 21.1

71 40.6 26.1 39.1#



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: 20.000 ng

RT: 11.63 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032130.D

Acq: 18 Jan 2018 9:38

Tgt Ion: 136 Resp: 176438

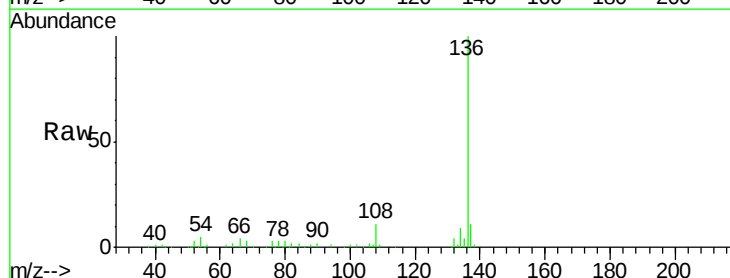
Ion Ratio Lower Upper

136 100

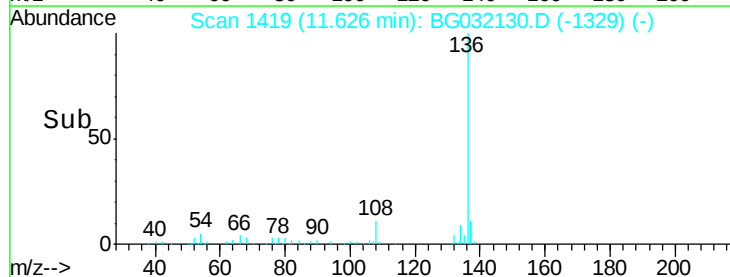
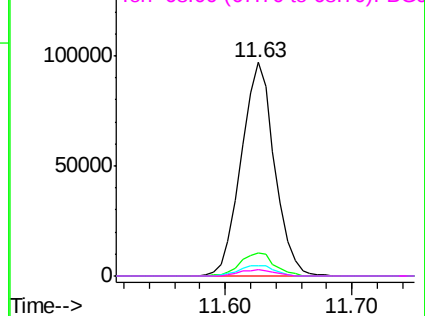
137 10.9 9.2 13.8

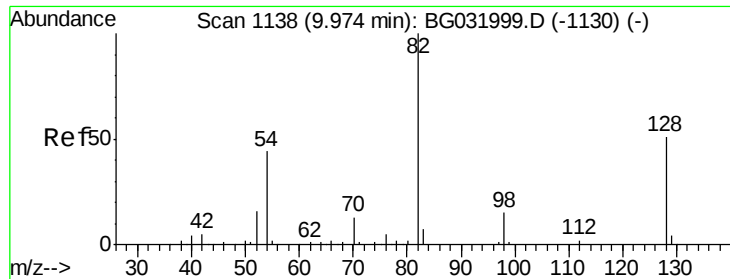
54 5.0 10.3 15.5#

68 2.9 4.5 6.7#



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

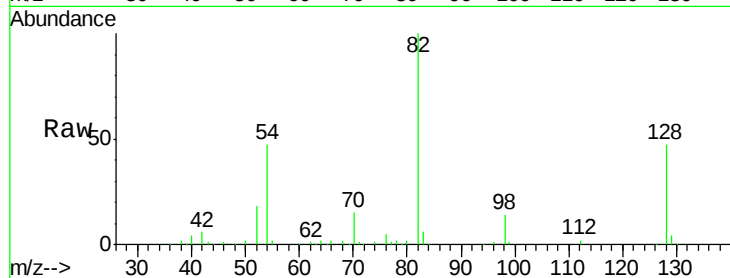




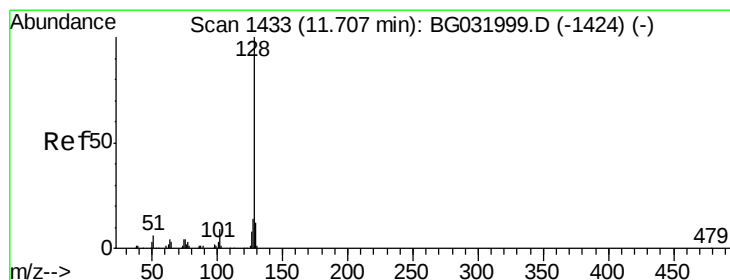
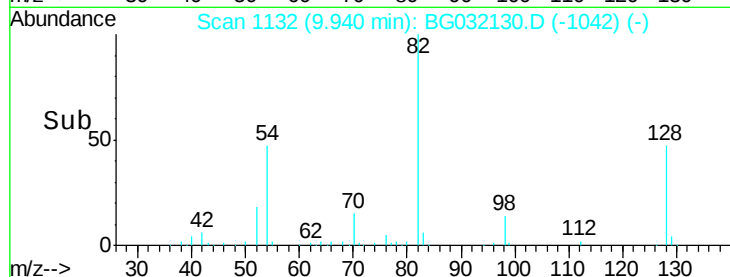
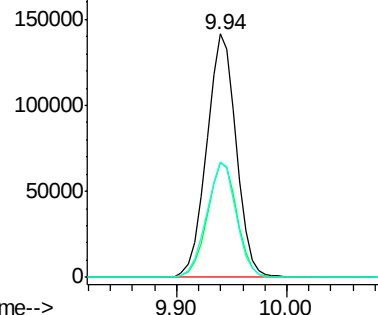
#23
 Nitrobenzene-d5
 Concen: 101.460 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-(0-4)

Tgt Ion: 82 Resp: 264601
 Ion Ratio Lower Upper
 82 100
 128 46.7 29.7 44.5#
 54 47.4 43.1 64.7

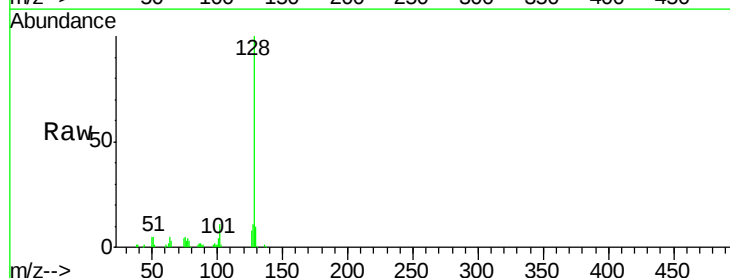


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

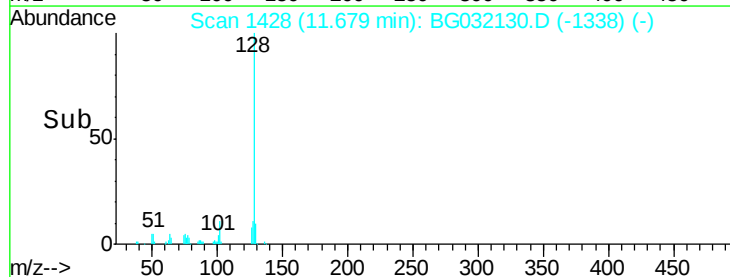
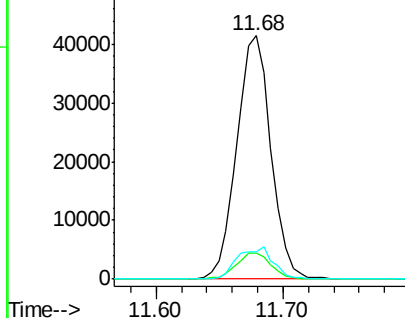


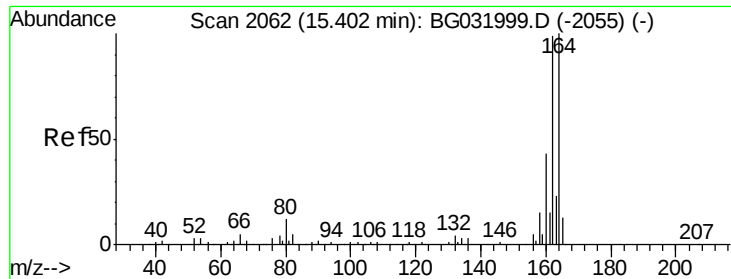
#31
 Naphthalene
 Concen: 8.855 ng
 RT: 11.68 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

Tgt Ion: 128 Resp: 77397
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.6 12.8
 127 11.3 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG032130.D

Acq: 18 Jan 2018 9:38

Instrument :

BNA_G

ClientSampleId :

TP-1-(0-4)

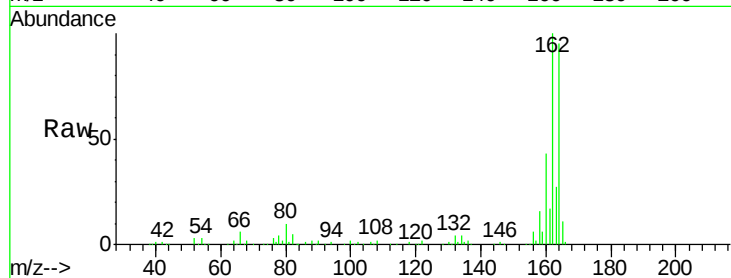
Tgt Ion:164 Resp: 123718

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

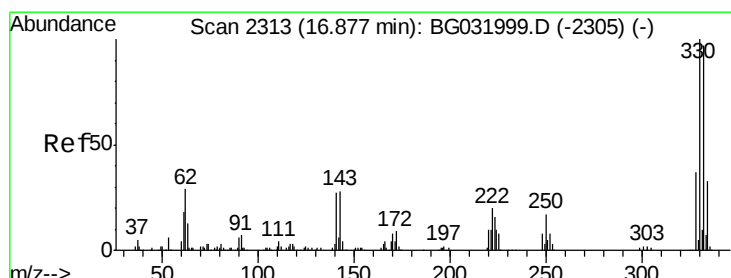
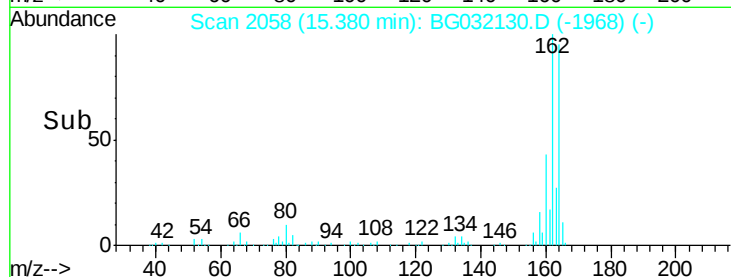
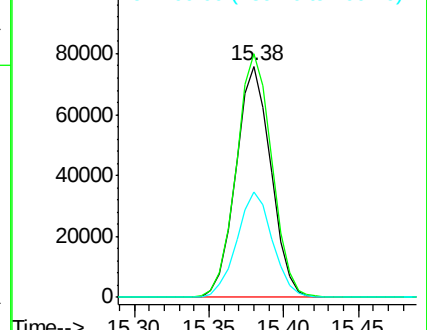
160 45.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 165.238 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032130.D

Acq: 18 Jan 2018 9:38

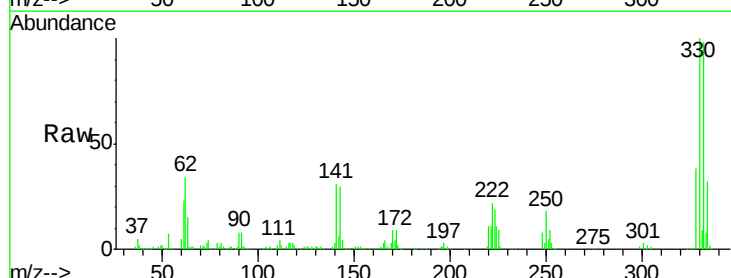
Tgt Ion:330 Resp: 338283

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

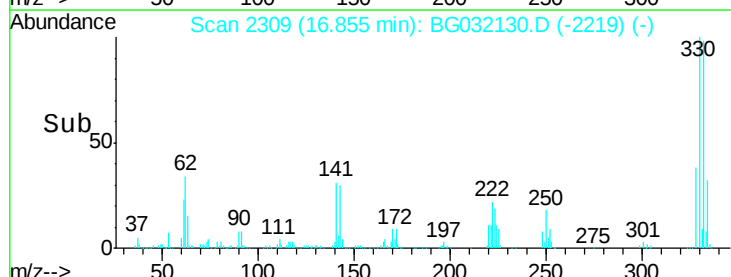
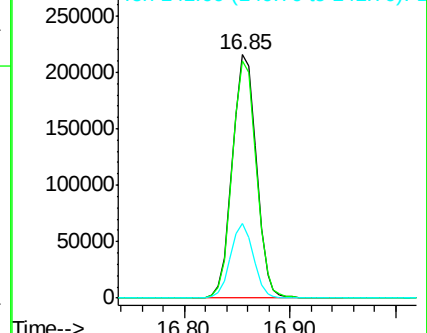
141 29.4 25.2 37.8

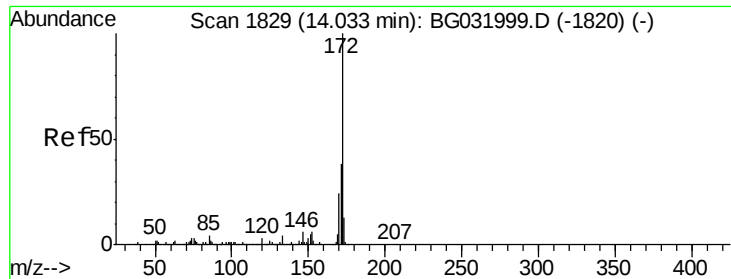


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

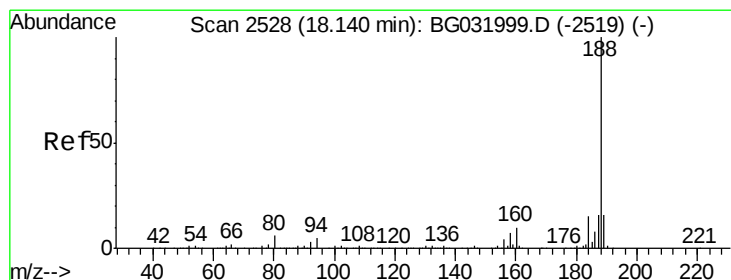
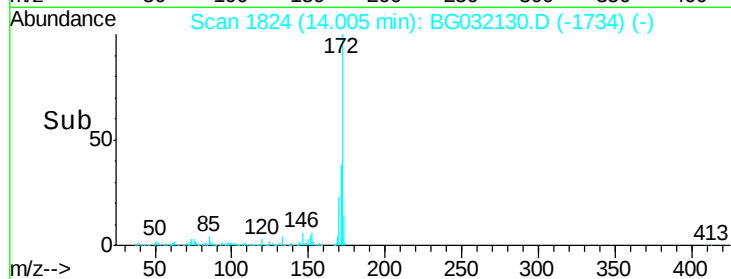
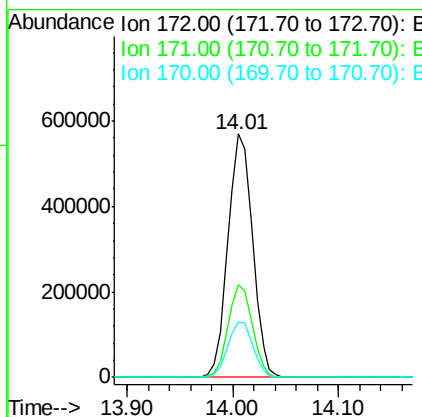
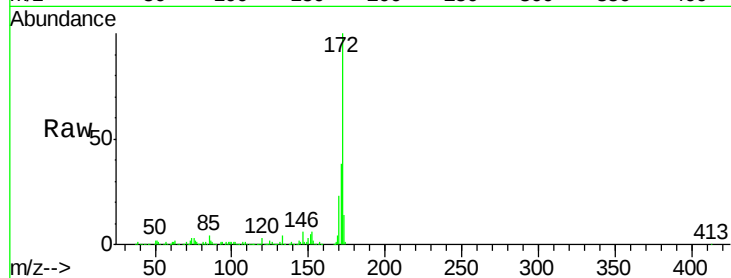




#44
 2-Fluorobiphenyl
 Concen: 91.592 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

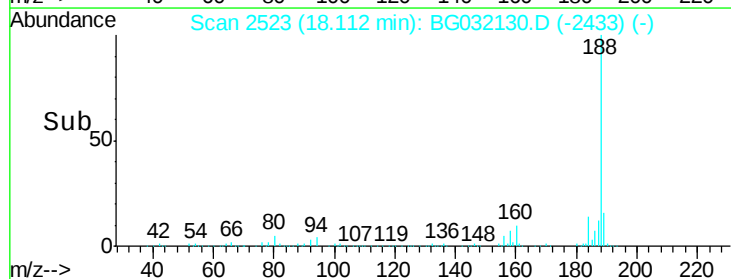
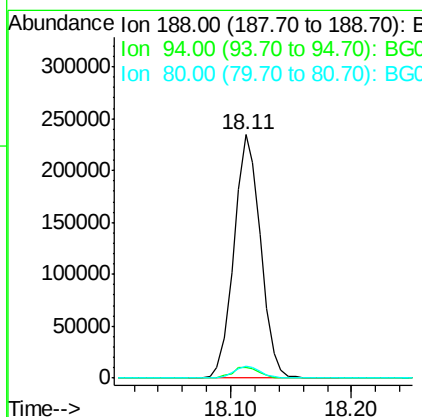
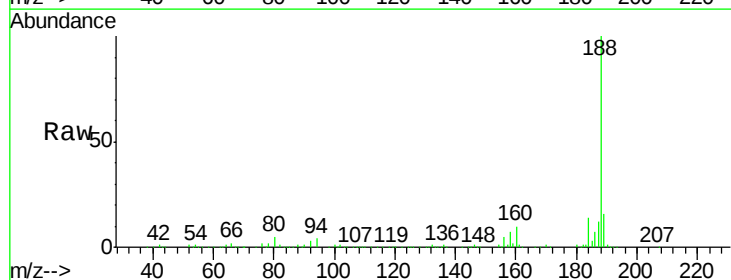
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-(0-4)

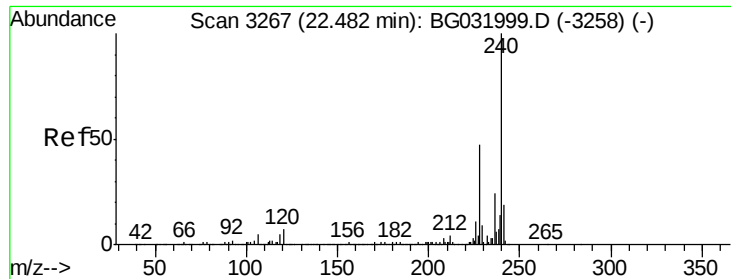
Tgt Ion:172 Resp: 913874
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 22.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG032130.D
 Acq: 18 Jan 2018 9:38

Tgt Ion:188 Resp: 359336
 Ion Ratio Lower Upper
 188 100
 94 4.2 6.9 10.3#
 80 4.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BG032130.D

Acq: 18 Jan 2018 9:38

Instrument :

BNA_G

ClientSampleId :

TP-1-(0-4)

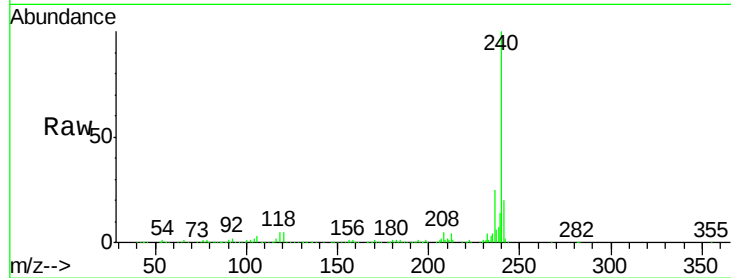
Tgt Ion:240 Resp: 460079

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

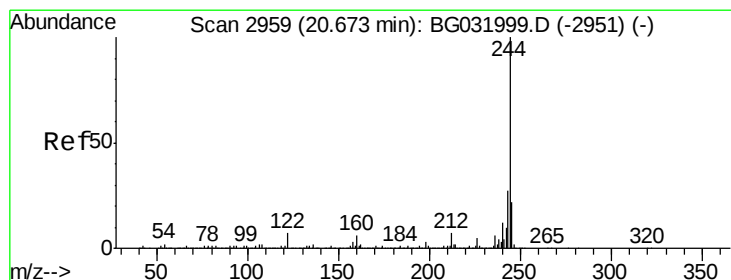
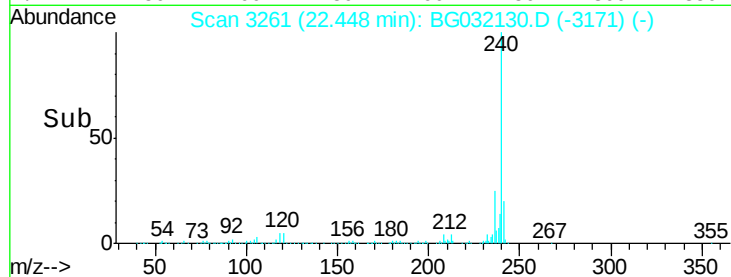
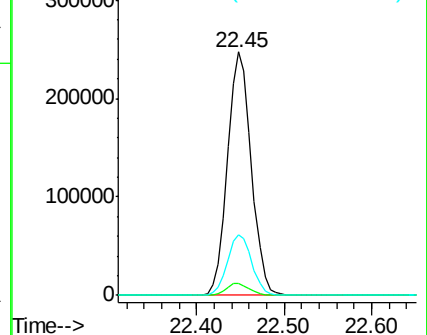
236 25.0 20.9 31.3



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: 98.359 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032130.D

Acq: 18 Jan 2018 9:38

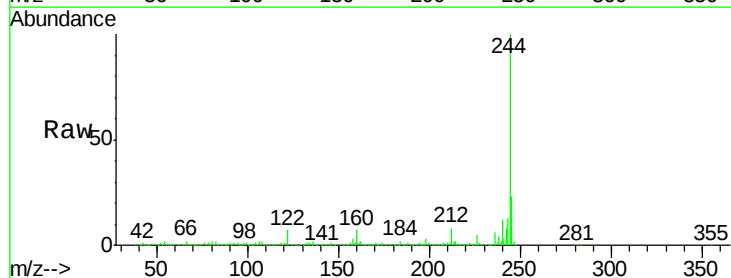
Tgt Ion:244 Resp: 2049463

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

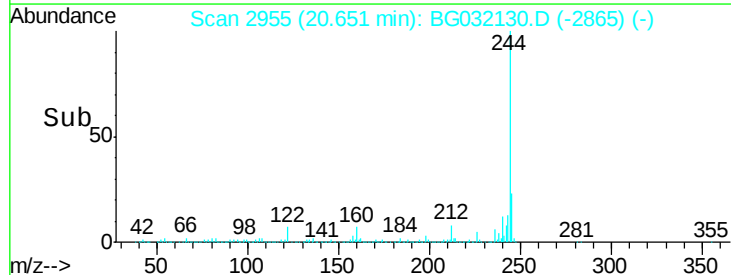
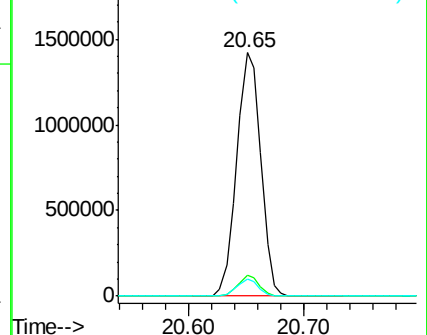
122 6.8 7.0 10.4#

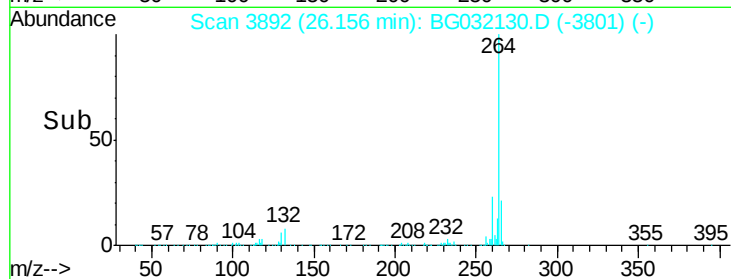
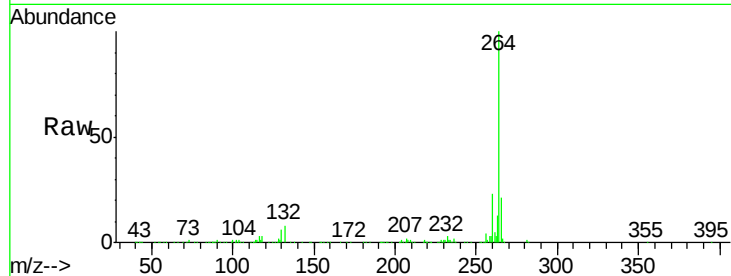
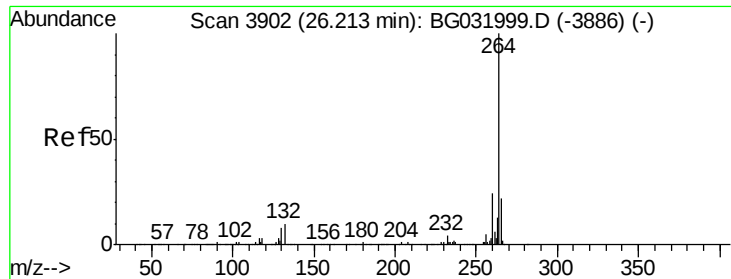


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 26.16 min Scan# 3892

Delta R.T. 0.00 min

Lab File: BG032130.D

Acq: 18 Jan 2018 9:38

Instrument :

BNA_G

ClientSampleId :

TP-1-(0-4)

Tgt Ion: 264 Resp: 487230

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.5 17.7 26.5

