

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032709.D
 Acq On : 15 Feb 2018 10:16
 Operator : SJ/JU
 Sample : J1545-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-2

Quant Time: Feb 15 11:15:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

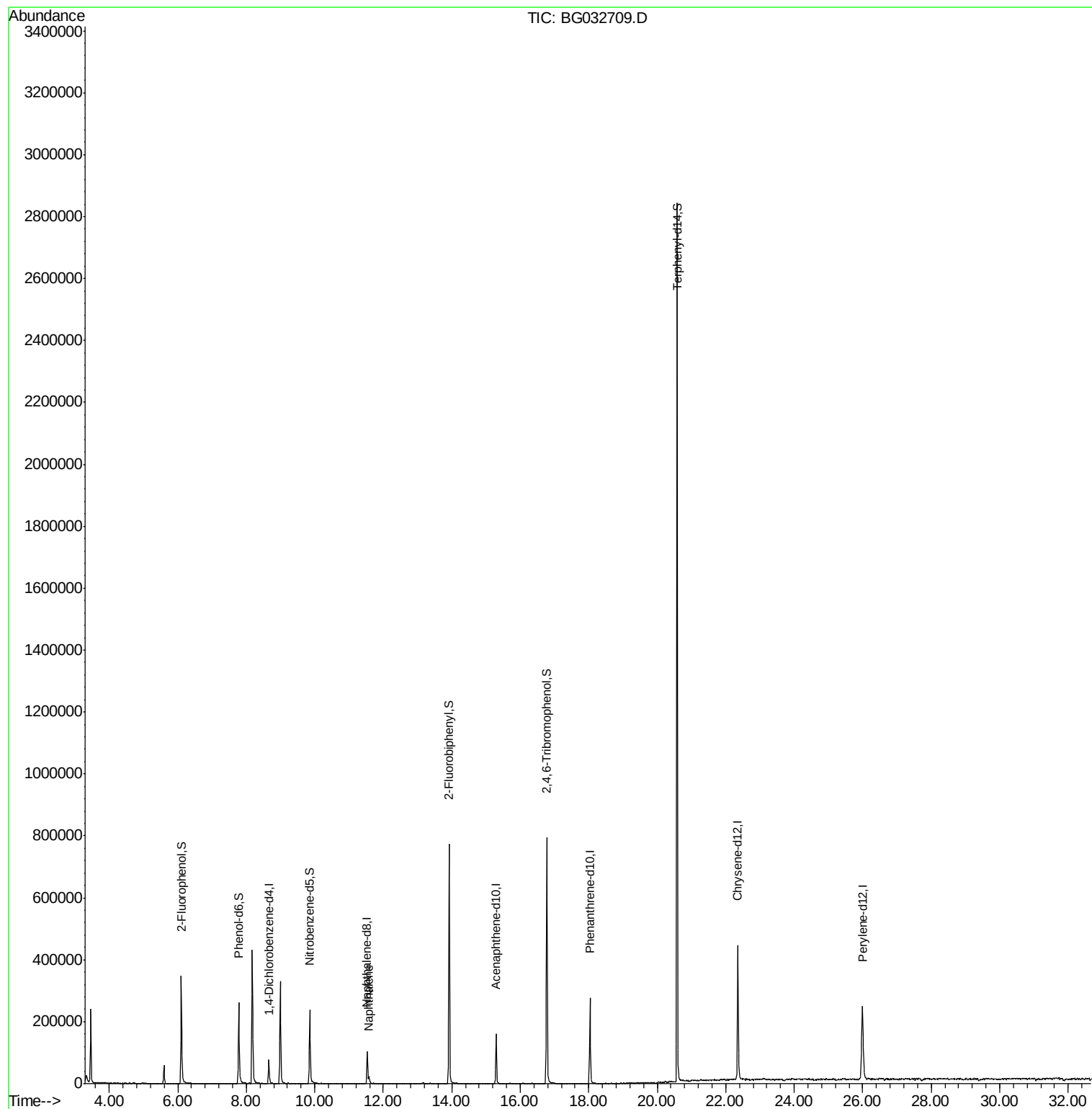
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	28972	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	108093	20.00	ng	-0.02
38) Acenaphthene-d10	15.30	164	62910	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	204673	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	328746	20.00	ng	-0.02
86) Perylene-d12	26.00	264	337686	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	184398	127.70	ng	0.00
7) Phenol-d6	7.78	99	177233	89.76	ng	-0.01
23) Nitrobenzene-d5	9.86	82	156259	91.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.78	330	207139	213.84	ng	-0.01
44) 2-Fluorobiphenyl	13.92	172	475393	94.50	ng	-0.01
78) Terphenyl-d14	20.58	244	1498362	103.88	ng	0.00
Target Compounds						
31) Naphthalene	11.58	128	22870	4.357	ng	Qvalue 96

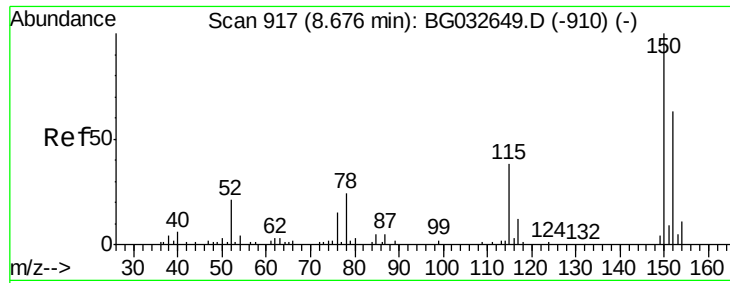
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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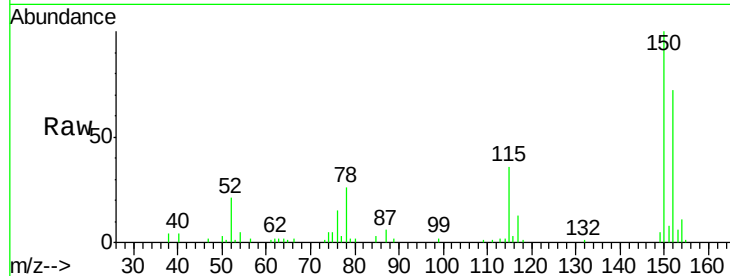


#1

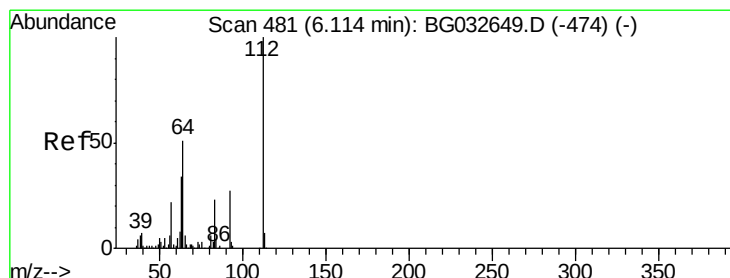
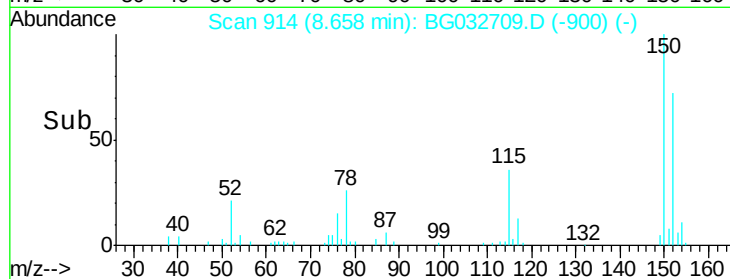
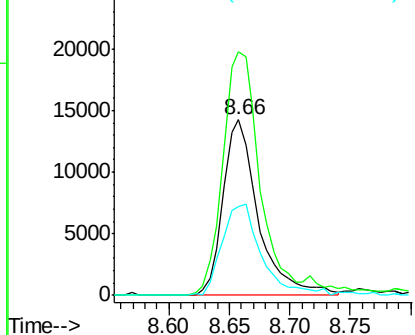
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.66 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BG032709.D
 Acq: 15 Feb 2018 10:16

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-2

Tot Ion:152 Resp: 28972
 Ion Ratio Lower Upper
 152 100
 150 138.6 126.6 189.8
 115 50.5 53.0 79.4#



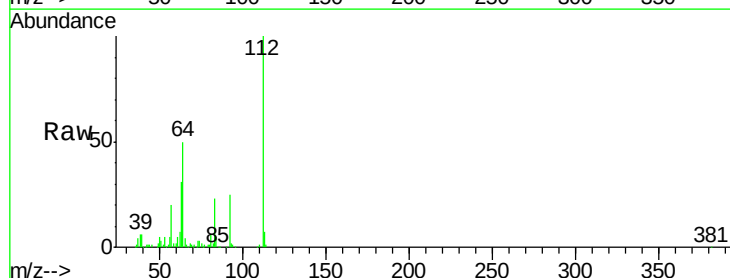
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



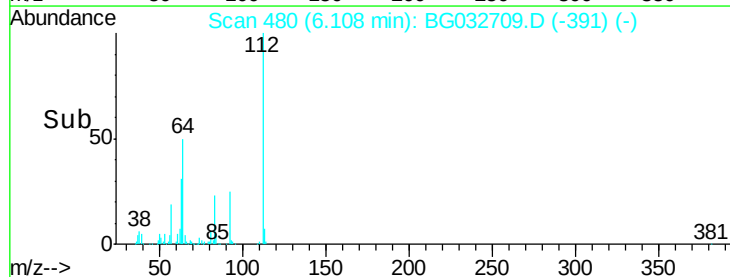
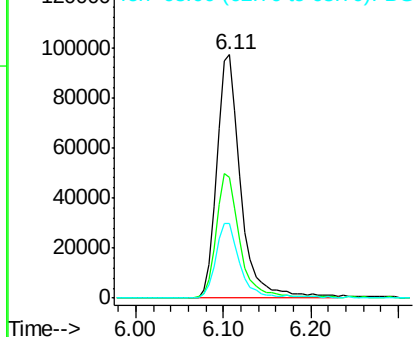
#5

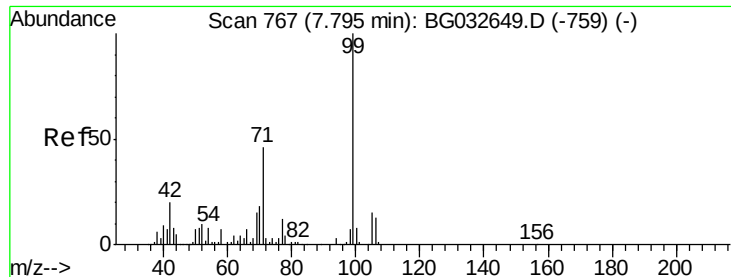
2-Fluorophenol
 Concen: 127.698 ng
 RT: 6.11 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG032709.D
 Acq: 15 Feb 2018 10:16

Tgt Ion:112 Resp: 184398
 Ion Ratio Lower Upper
 112 100
 64 49.7 56.3 84.5#
 63 30.7 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: 89.759 ng

RT: 7.78 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG032709.D

Acq: 15 Feb 2018 10:16

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-2

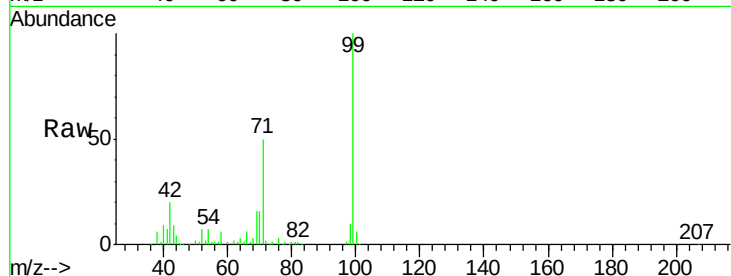
Tot Ion: 99 Resp: 177233

Ion Ratio Lower Upper

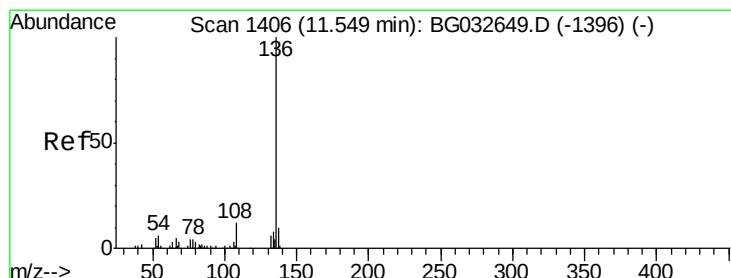
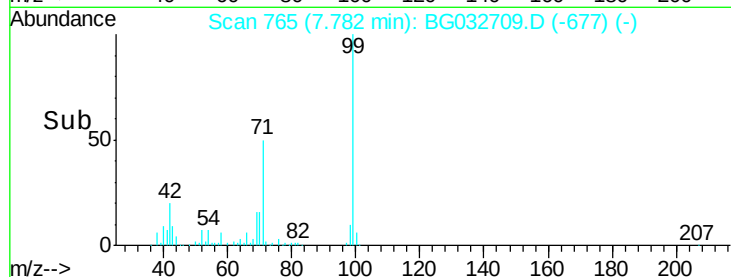
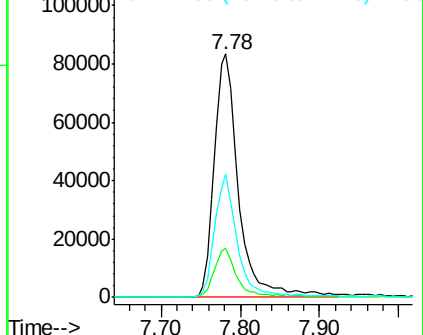
99 100

42 19.9 14.1 21.1

71 50.4 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: 11.53 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG032709.D

Acq: 15 Feb 2018 10:16

Tgt Ion: 136 Resp: 108093

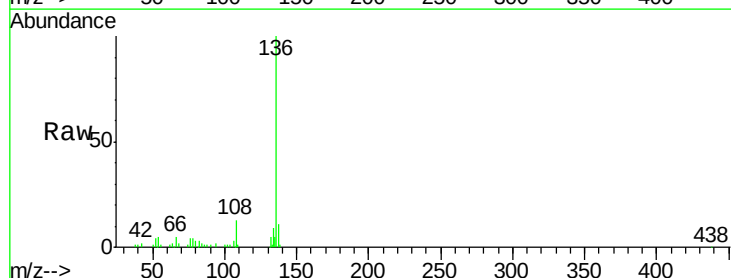
Ion Ratio Lower Upper

136 100

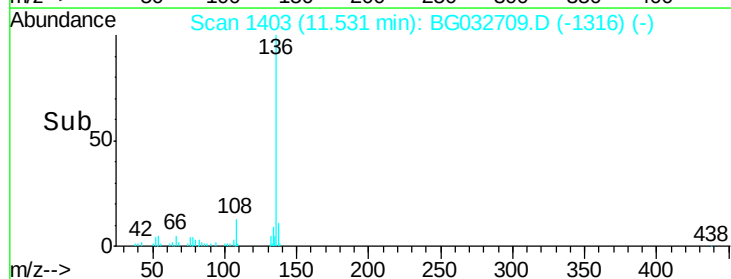
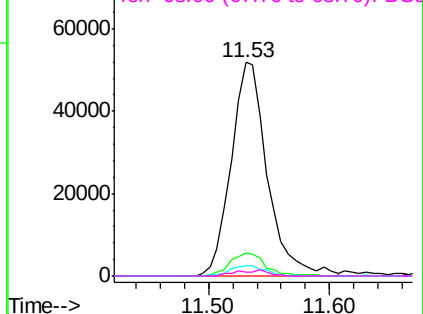
137 10.9 9.2 13.8

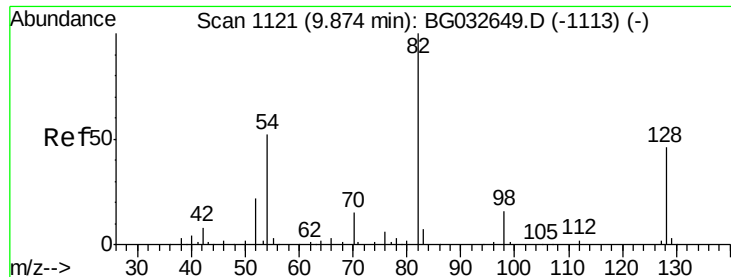
54 4.9 10.3 15.5#

68 1.8 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

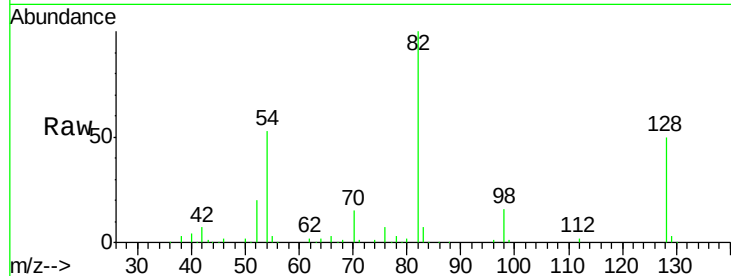




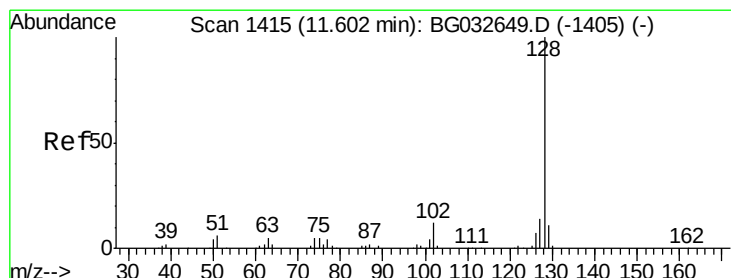
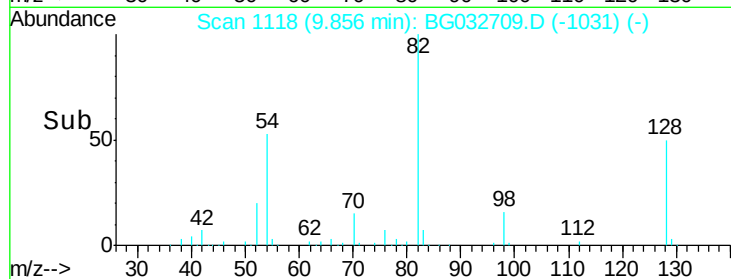
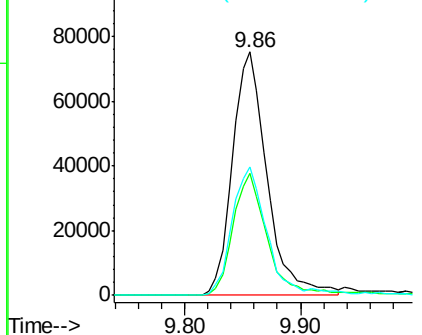
#23
 Nitrobenzene-d5
 Concen: 91.875 ng
 RT: 9.86 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BG032709.D
 Acq: 15 Feb 2018 10:16

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-2

Tot Ion: 82 Resp: 156259
 Ion Ratio Lower Upper
 82 100
 128 49.9 29.7 44.5#
 54 52.8 43.1 64.7

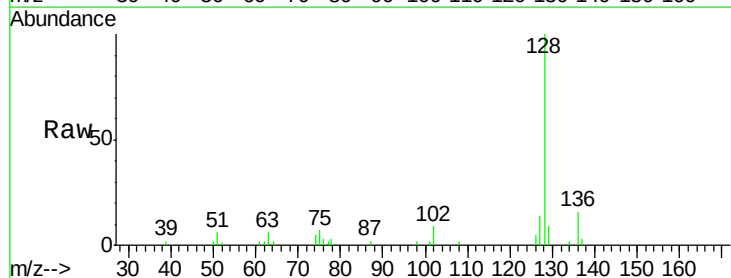


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

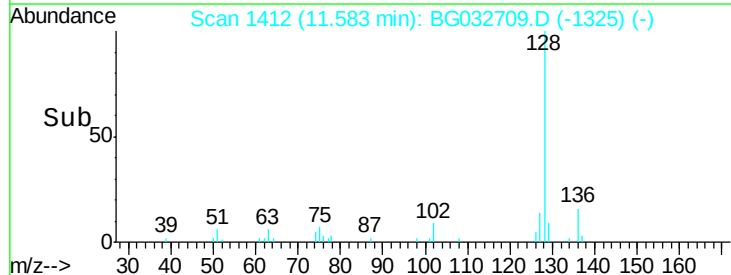
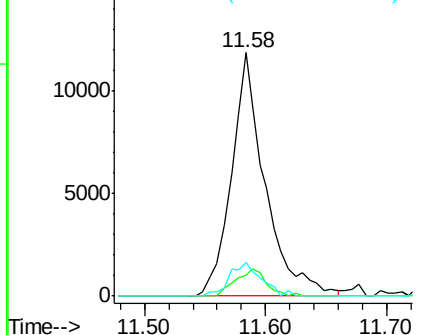


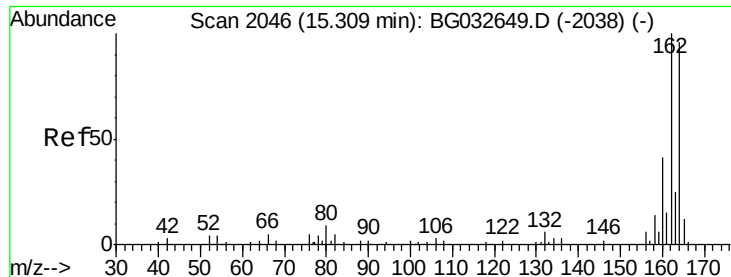
#31
 Naphthalene
 Concen: 4.357 ng
 RT: 11.58 min Scan# 1412
 Delta R.T. -0.02 min
 Lab File: BG032709.D
 Acq: 15 Feb 2018 10:16

Tgt Ion: 128 Resp: 22870
 Ion Ratio Lower Upper
 128 100
 129 8.6 8.6 12.8
 127 13.7 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

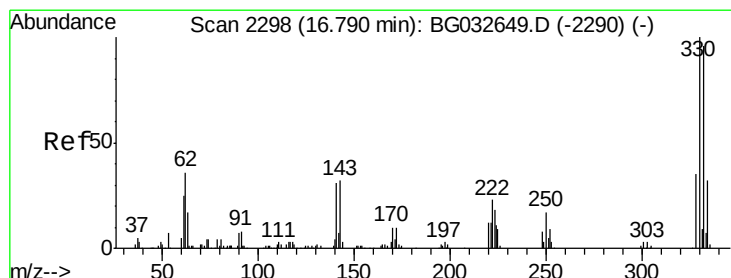
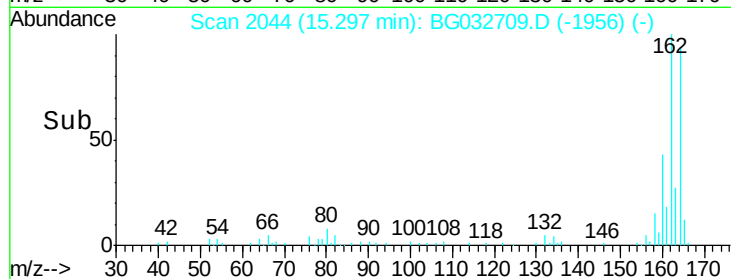
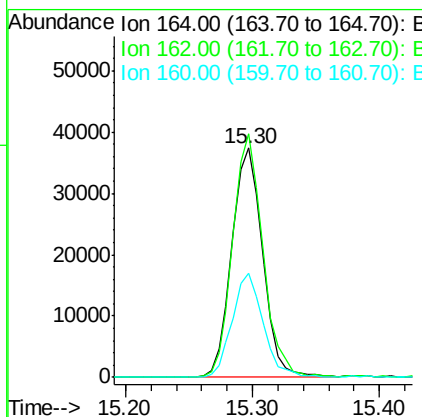
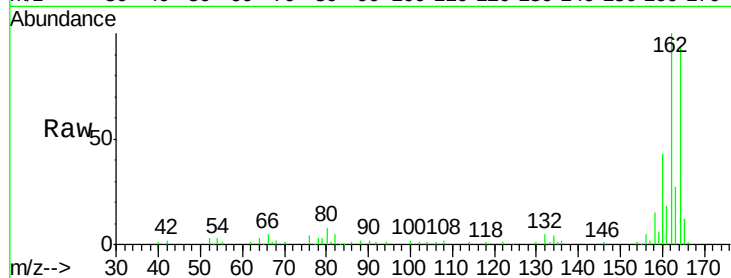




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG032709.D
 Acq: 15 Feb 2018 10:16

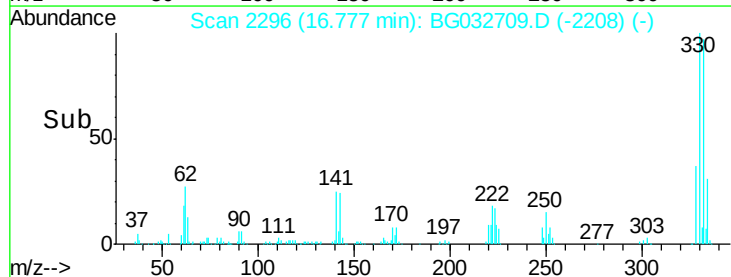
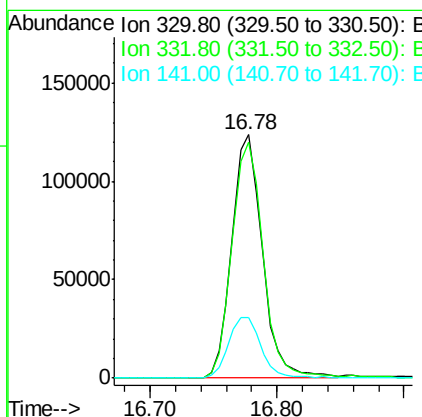
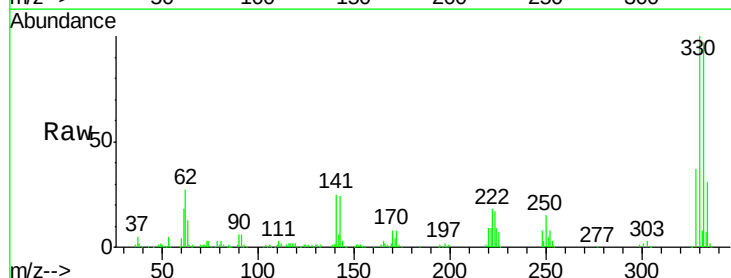
Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-2

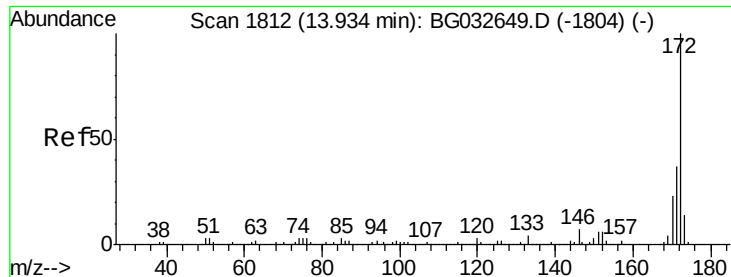
Tot Ion:164 Resp: 62910
 Ion Ratio Lower Upper
 164 100
 162 106.3 78.8 118.2
 160 45.3 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 213.836 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG032709.D
 Acq: 15 Feb 2018 10:16

Tgt Ion:330 Resp: 207139
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.0 115.6
 141 26.6 25.2 37.8

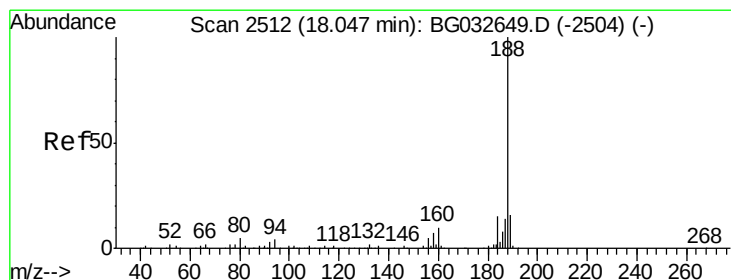
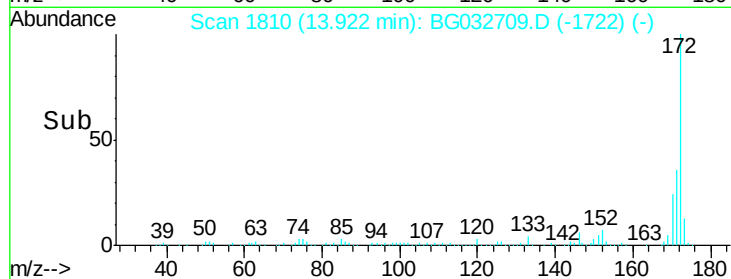
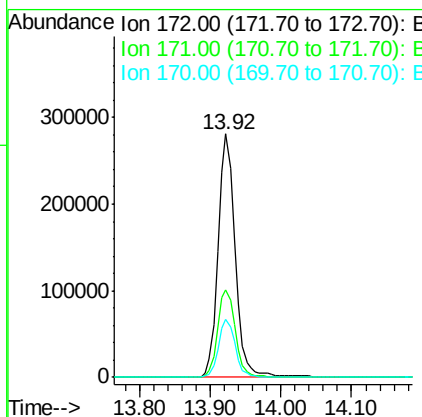
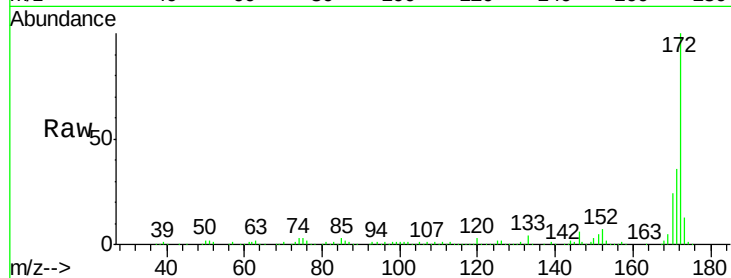




#44
 2-Fluorobiphenyl
 Concen: 94.499 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032709.D
 Acq: 15 Feb 2018 10:16

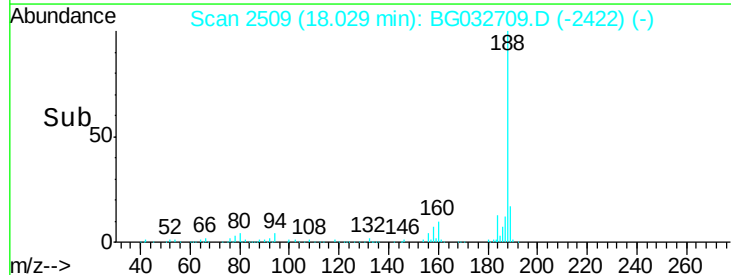
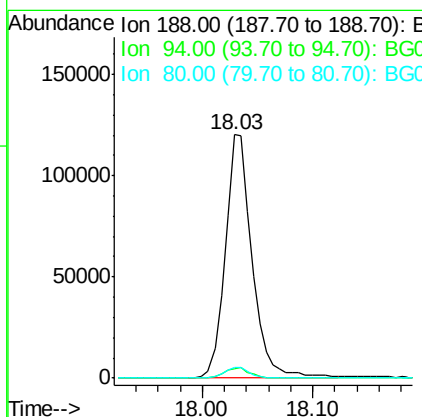
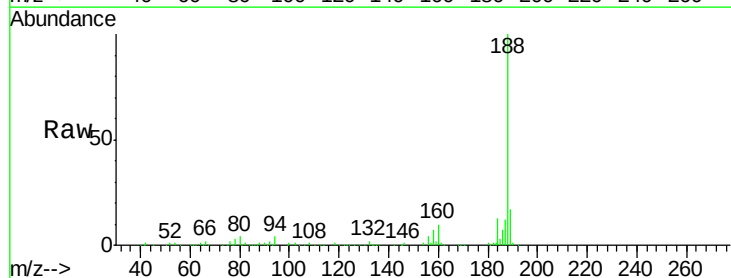
Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-2

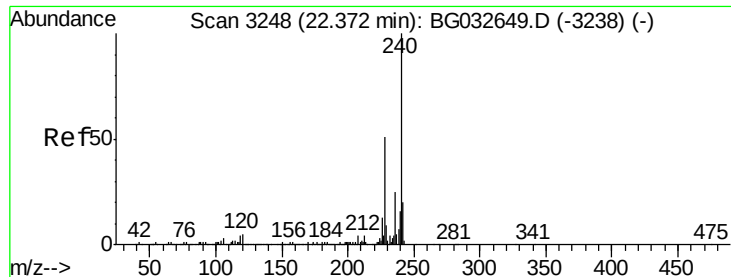
Tot Ion:172 Resp: 475393
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 24.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.03 min Scan# 2509
 Delta R.T. -0.02 min
 Lab File: BG032709.D
 Acq: 15 Feb 2018 10:16

Tgt Ion:188 Resp: 204673
 Ion Ratio Lower Upper
 188 100
 94 4.0 6.9 10.3#
 80 4.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.35 min Scan# 3245

Delta R.T. -0.02 min

Lab File: BG032709.D

Acq: 15 Feb 2018 10:16

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-2

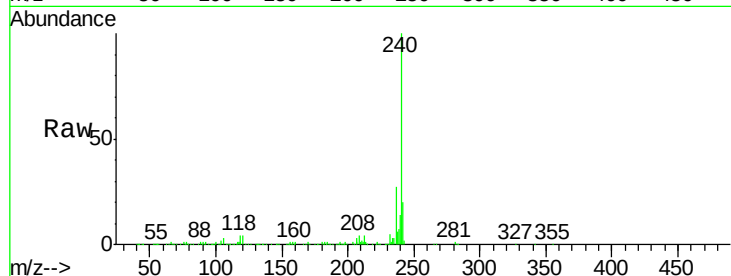
Tot Ion:240 Resp: 328746

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

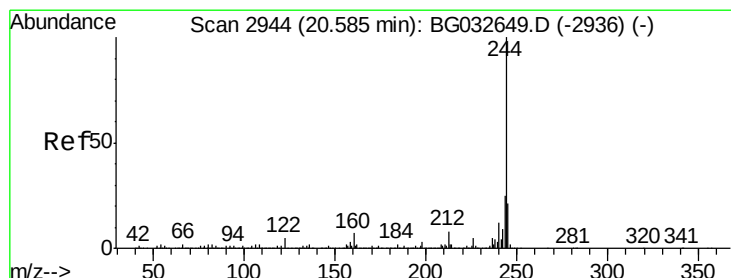
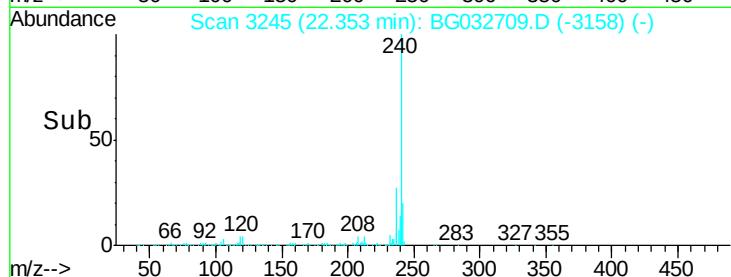
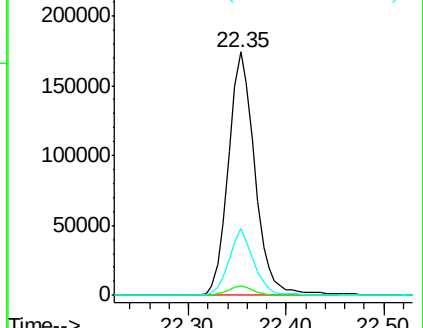
236 27.5 20.9 31.3



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: 103.882 ng

RT: 20.58 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG032709.D

Acq: 15 Feb 2018 10:16

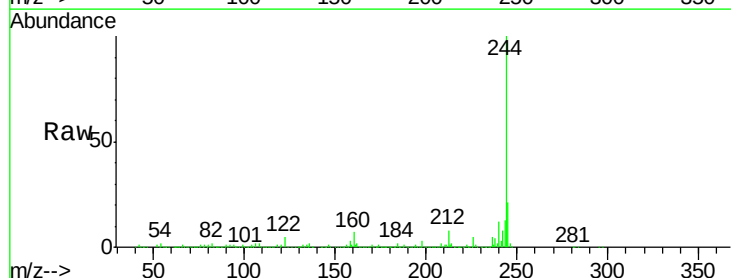
Tgt Ion:244 Resp: 1498362

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

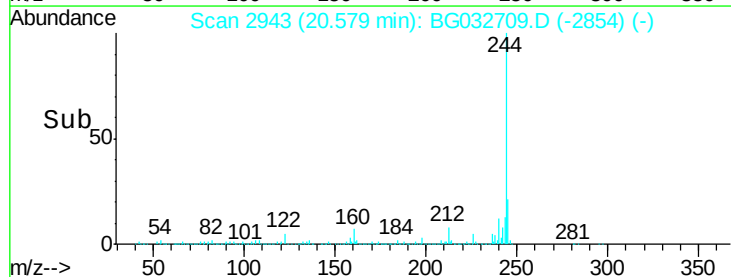
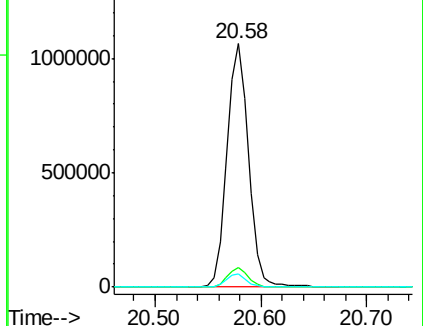
122 5.2 7.0 10.4#

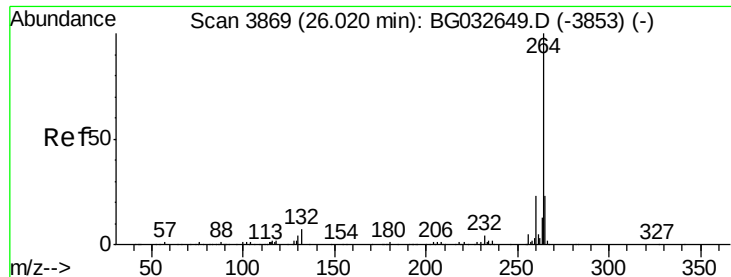


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

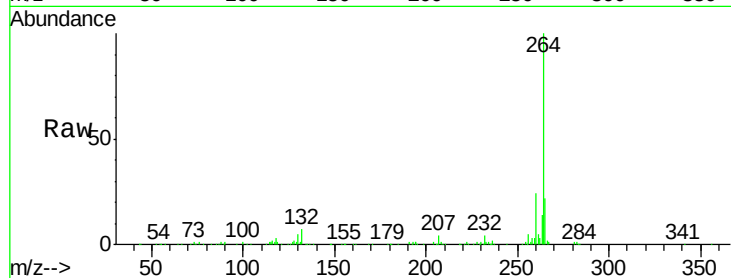




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.00 min Scan# 3865
 Delta R.T. -0.02 min
 Lab File: BG032709.D
 Acq: 15 Feb 2018 10:16

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-2

Tot Ion:	264	Resp:	337686
Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.2	17.7	26.5



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

