

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032517.D
 Acq On : 2 Feb 2018 18:16
 Operator : SJ/JU
 Sample : J1431-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 132-1-PH-1

Quant Time: Feb 02 22:43:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

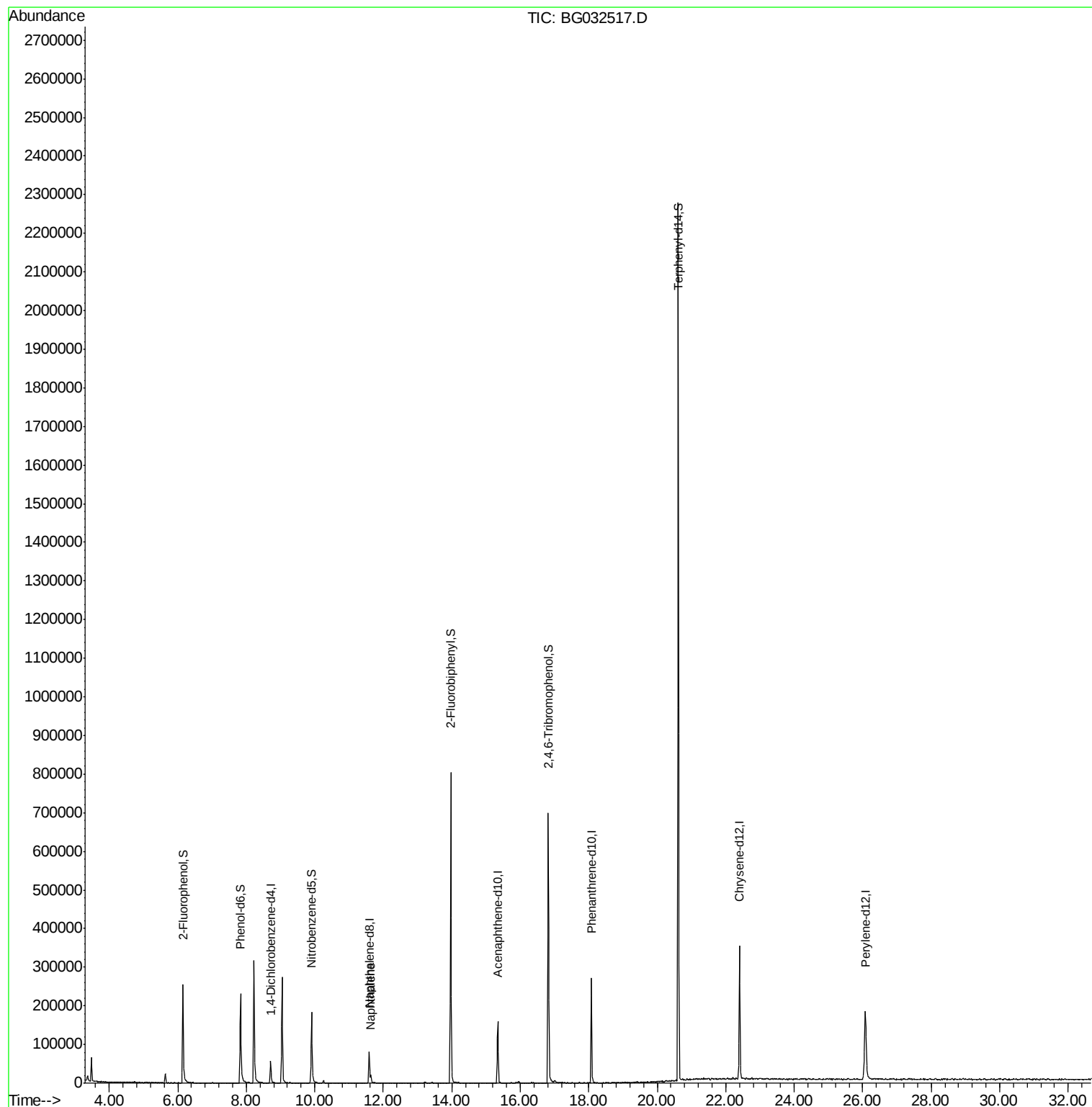
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	22214	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	89549	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	67496	20.00	ng	-0.02
63) Phenanthrene-d10	18.08	188	195965	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	265944	20.00	ng	-0.02
86) Perylene-d12	26.08	264	278903	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	142448	128.80	ng	0.00
7) Phenol-d6	7.83	99	161090	109.15	ng	0.00
23) Nitrobenzene-d5	9.91	82	123490	86.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	175923	136.93	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	489456	86.19	ng	-0.02
78) Terphenyl-d14	20.61	244	1203219	96.91	ng	-0.01
Target Compounds						
31) Naphthalene	11.64	128	19064	4.359	ng	Qvalue 97

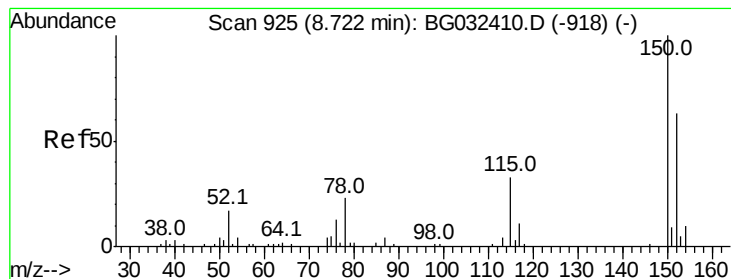
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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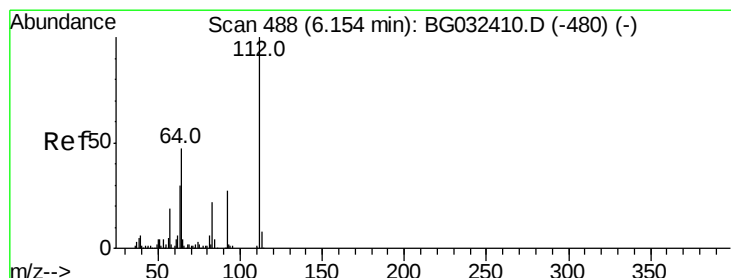
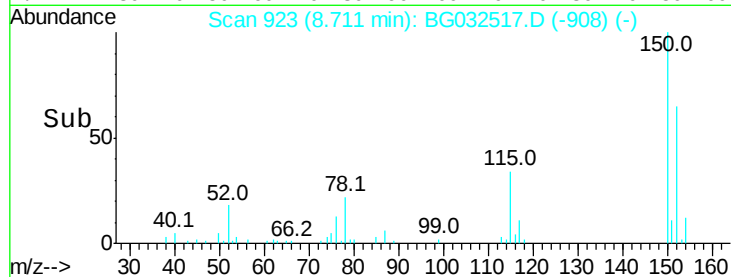
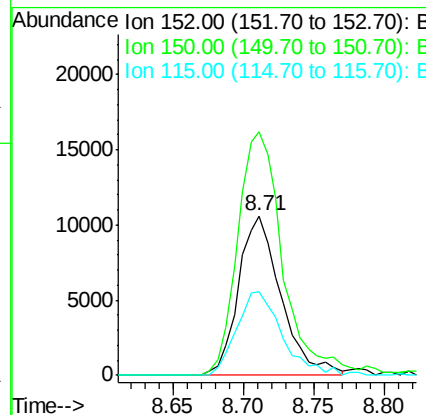
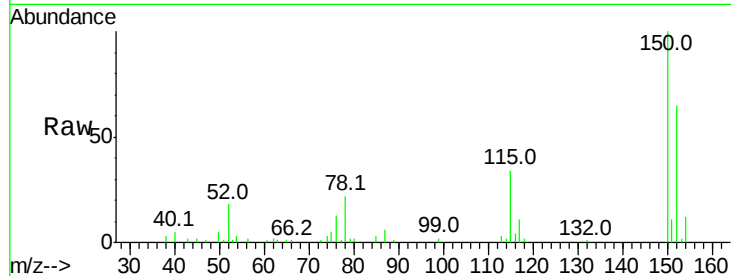


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG032517.D
 Acq: 2 Feb 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 132-1-PH-1

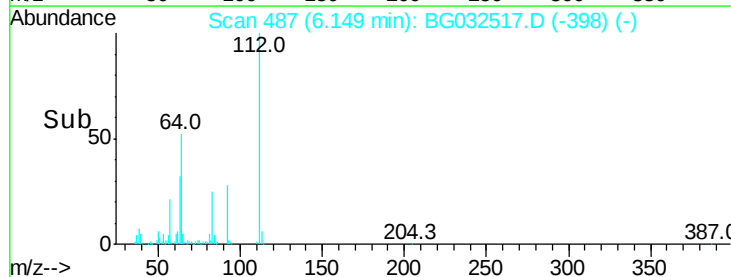
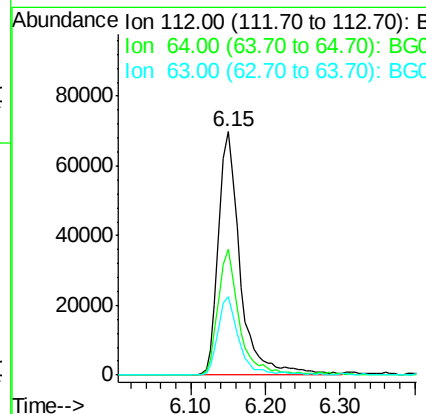
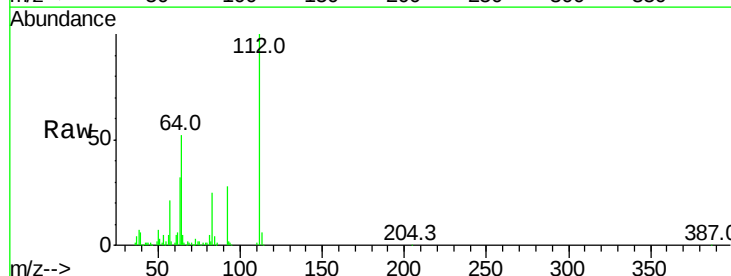
Tot Ion:152 Resp: 22214
 Ion Ratio Lower Upper
 152 100
 150 153.0 126.6 189.8
 115 52.3 53.0 79.4#

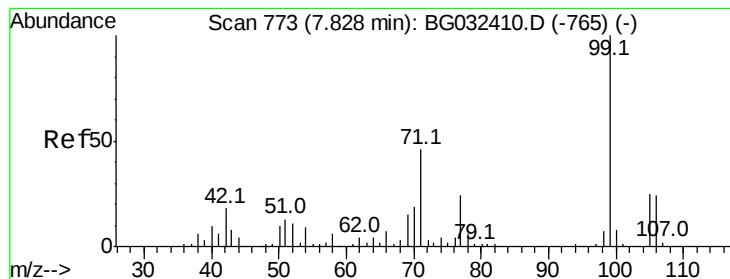


#5

2-Fluorophenol
 Concen: 128.799 ng
 RT: 6.15 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BG032517.D
 Acq: 2 Feb 2018 18:16

Tgt Ion:112 Resp: 142448
 Ion Ratio Lower Upper
 112 100
 64 51.8 56.3 84.5#
 63 32.0 30.1 45.1





#7

Phenol-d6

Concen: 109.153 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032517.D

Acq: 2 Feb 2018 18:16

Instrument :

BNA_G

ClientSampleId :

132-1-PH-1

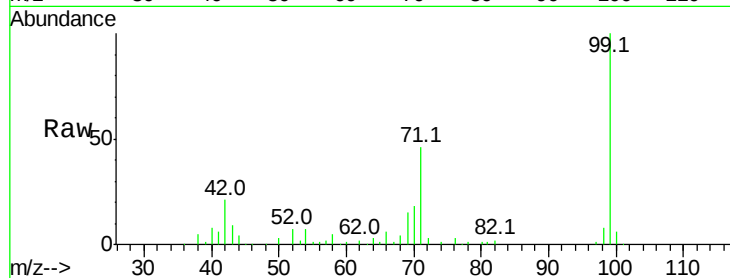
Tot Ion: 99 Resp: 161090

Ion Ratio Lower Upper

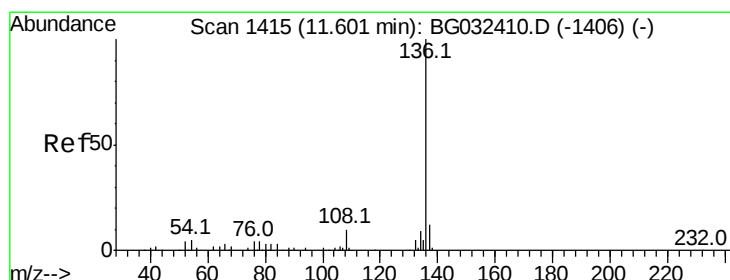
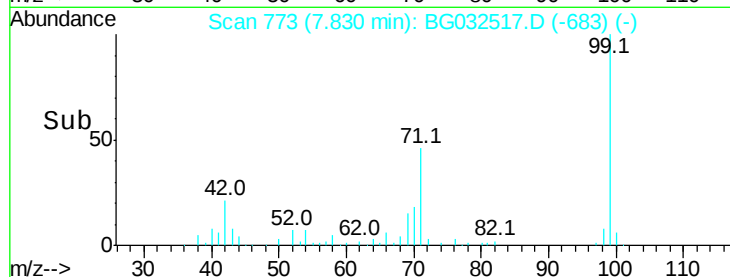
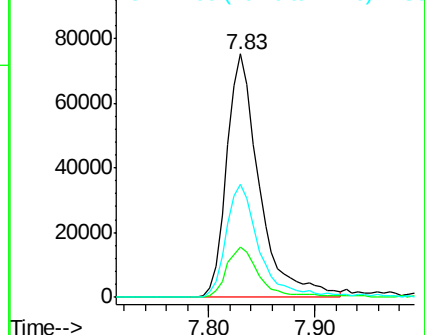
99 100

42 20.6 14.1 21.1

71 46.4 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032517.D

Acq: 2 Feb 2018 18:16

Tgt Ion:136 Resp: 89549

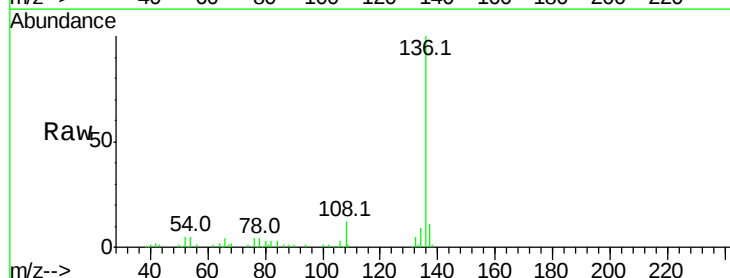
Ion Ratio Lower Upper

136 100

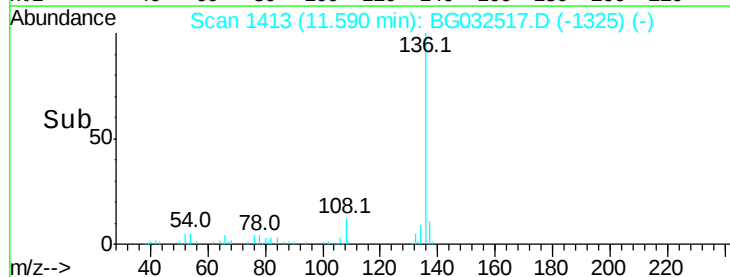
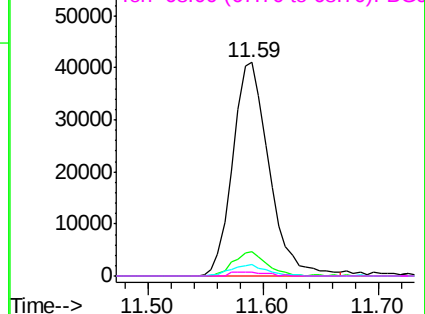
137 11.2 9.2 13.8

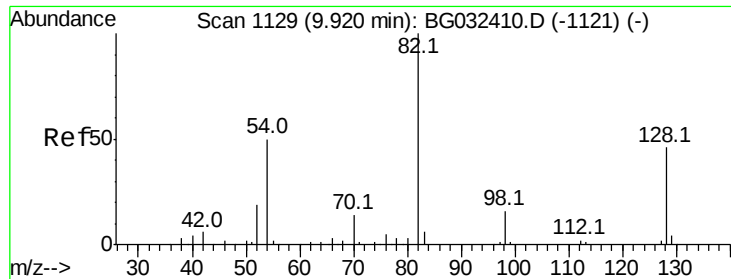
54 5.2 10.3 15.5#

68 1.7 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

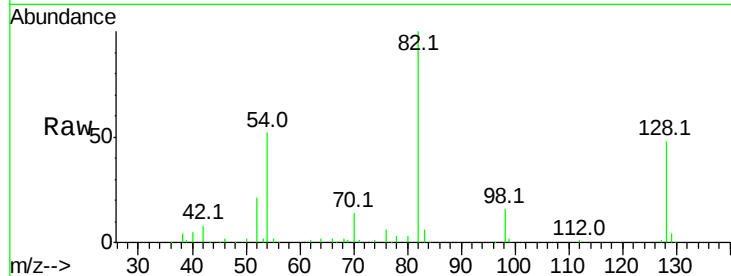




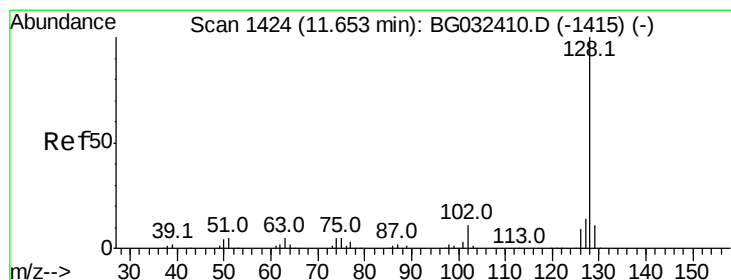
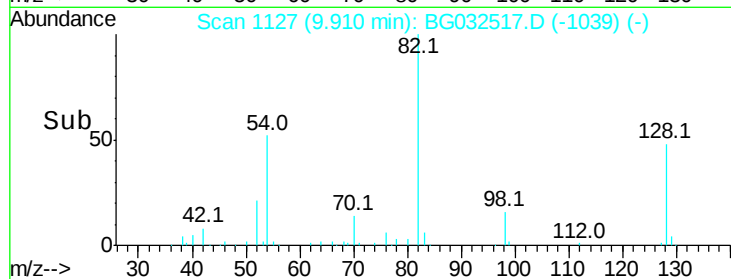
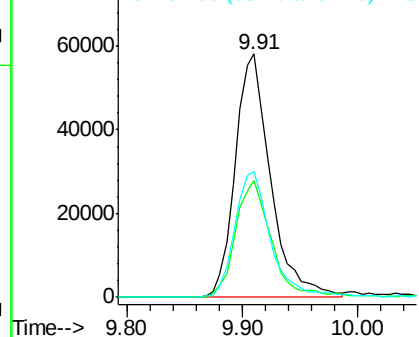
#23
Nitrobenzene-d5
Concen: 86.134 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Instrument :
BNA_G
ClientSampleId :
132-1-PH-1

Tot Ion: 82 Resp: 123490
Ion Ratio Lower Upper
82 100
128 48.1 29.7 44.5#
54 51.5 43.1 64.7

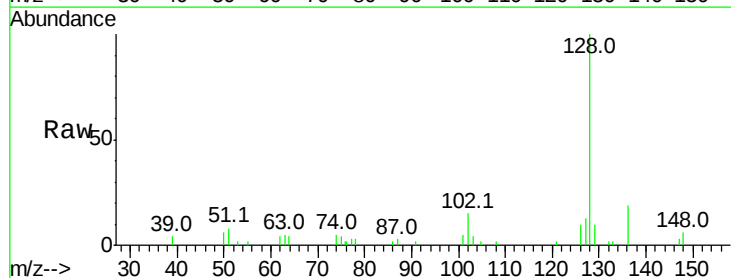


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

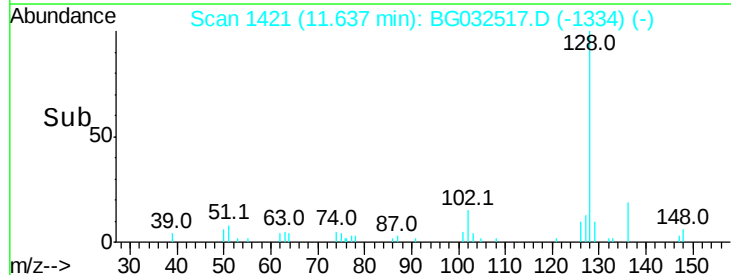
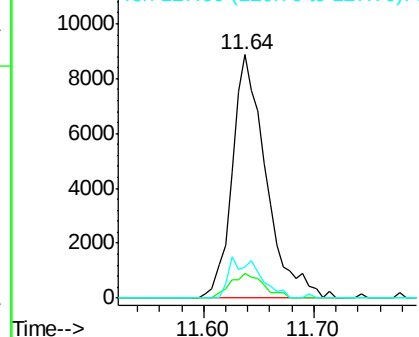


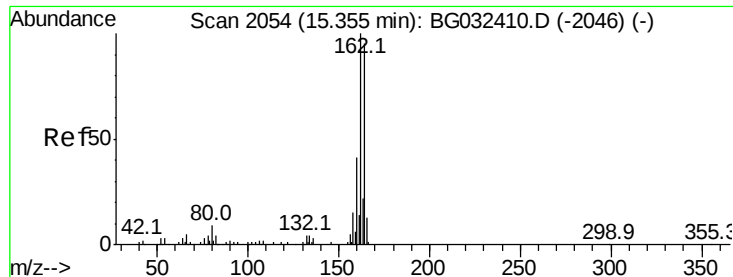
#31
Naphthalene
Concen: 4.359 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032517.D
Acq: 2 Feb 2018 18:16

Tgt Ion: 128 Resp: 19064
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 13.0 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: 15.34 min Scan# 2051

Delta R.T. -0.02 min

Lab File: BG032517.D

Acq: 2 Feb 2018 18:16

Instrument :

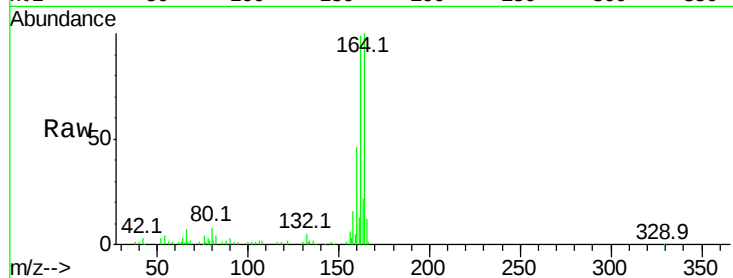
BNA_G

ClientSampleId :

132-1-PH-1

Tot Ion:164 Resp: 67496

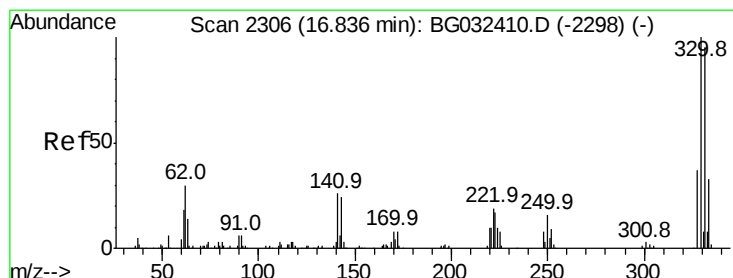
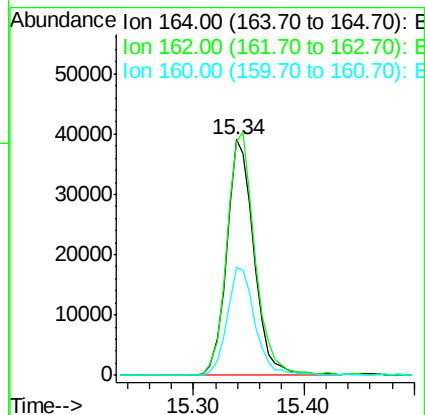
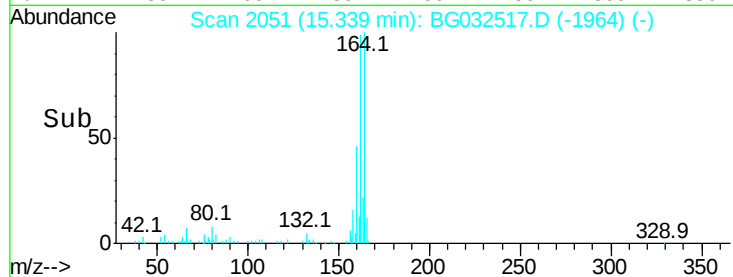
Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	46.1	35.4	53.0



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: 136.928 ng

RT: 16.82 min Scan# 2303

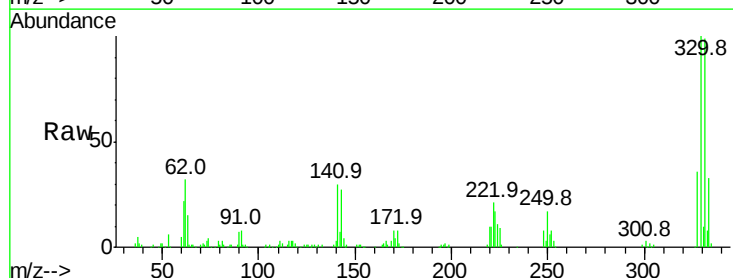
Delta R.T. -0.02 min

Lab File: BG032517.D

Acq: 2 Feb 2018 18:16

Tgt Ion:330 Resp: 175923

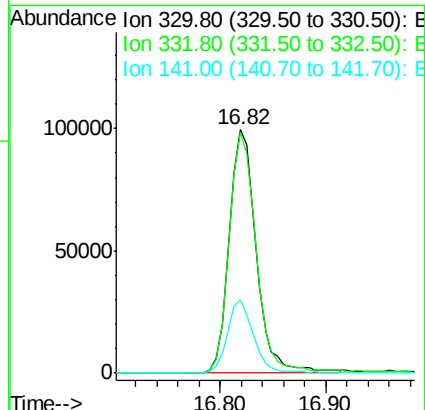
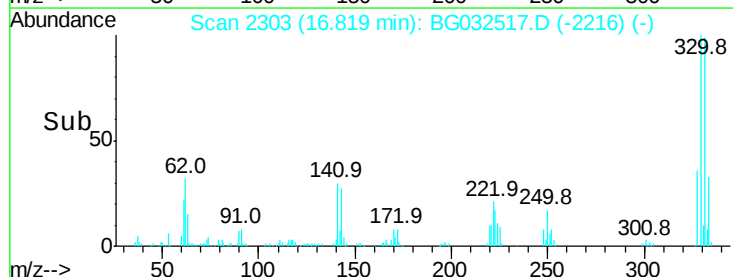
Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	28.8	25.2	37.8

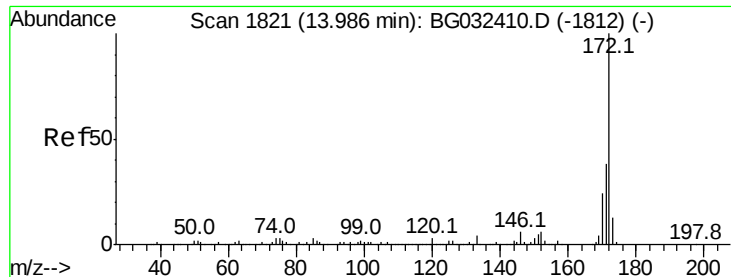


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

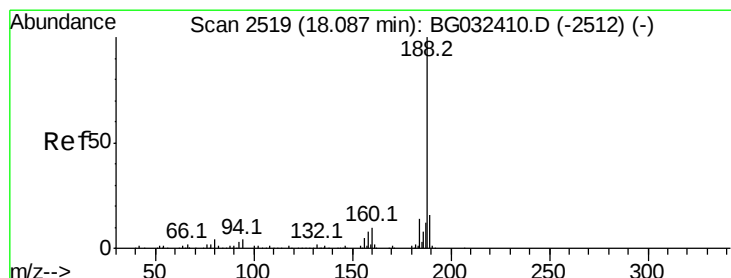
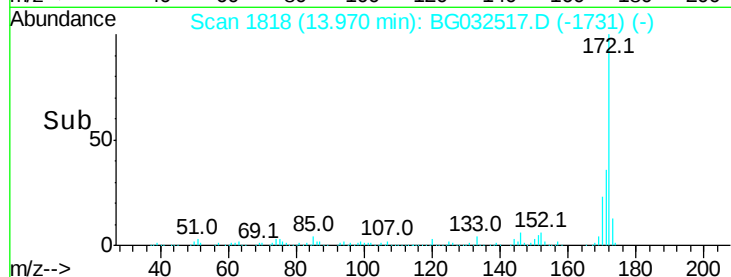
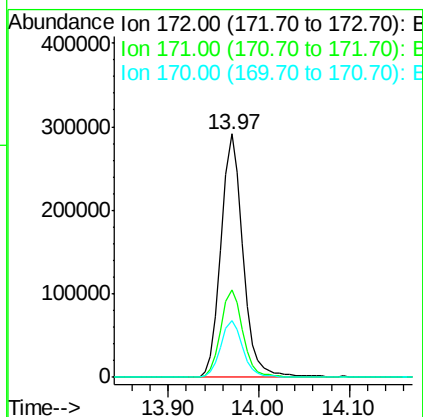
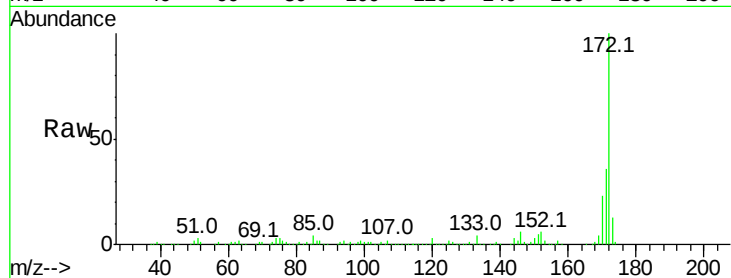




#44
 2-Fluorobiphenyl
 Concen: 86.190 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032517.D
 Acq: 2 Feb 2018 18:16

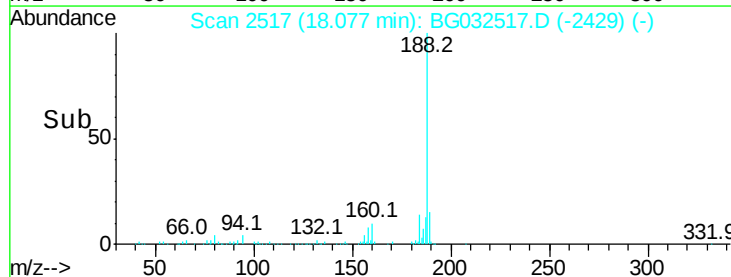
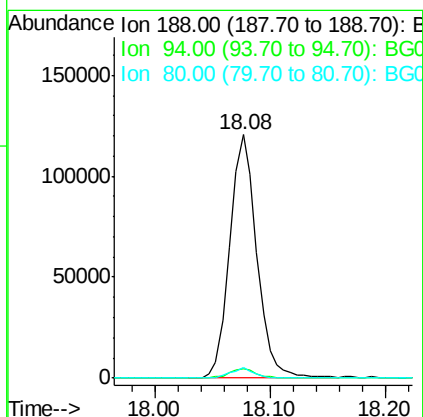
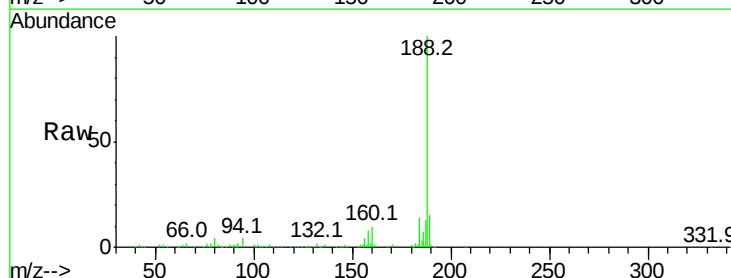
Instrument :
 BNA_G
 ClientSampleId :
 132-1-PH-1

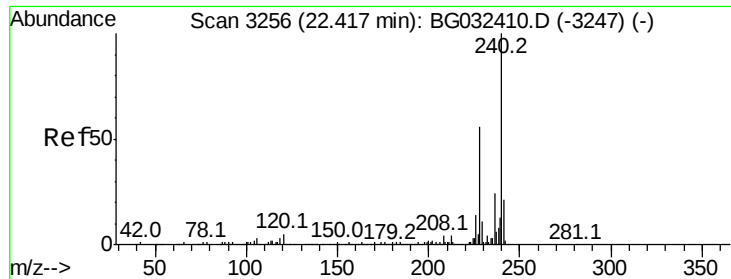
Tot Ion:172 Resp: 489456
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 23.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032517.D
 Acq: 2 Feb 2018 18:16

Tgt Ion:188 Resp: 195965
 Ion Ratio Lower Upper
 188 100
 94 4.0 6.9 10.3#
 80 4.4 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BG032517.D

Acq: 2 Feb 2018 18:16

Instrument :

BNA_G

ClientSampleId :

132-1-PH-1

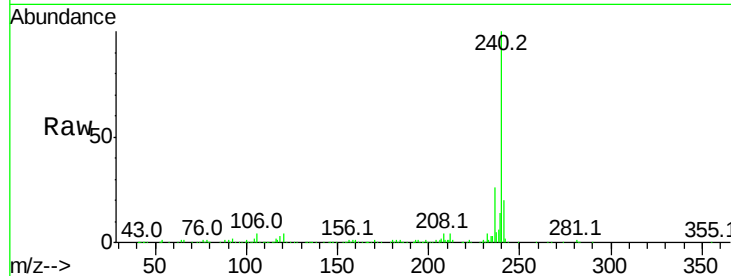
Tot Ion:240 Resp: 265944

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

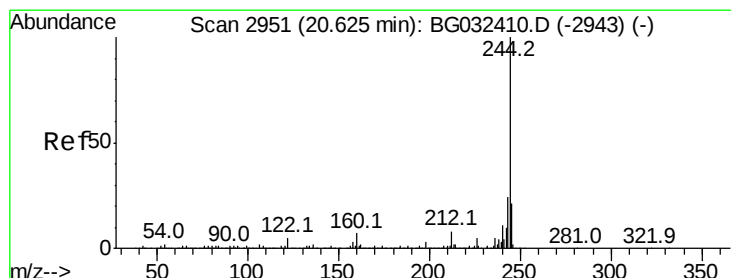
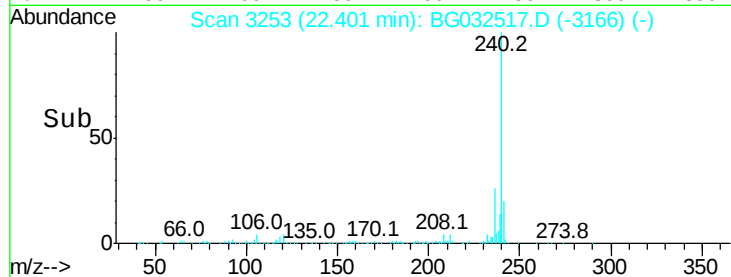
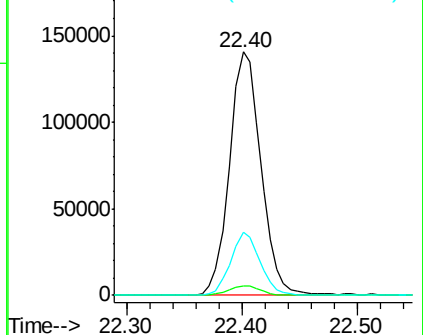
236 25.8 20.9 31.3



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: 96.915 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032517.D

Acq: 2 Feb 2018 18:16

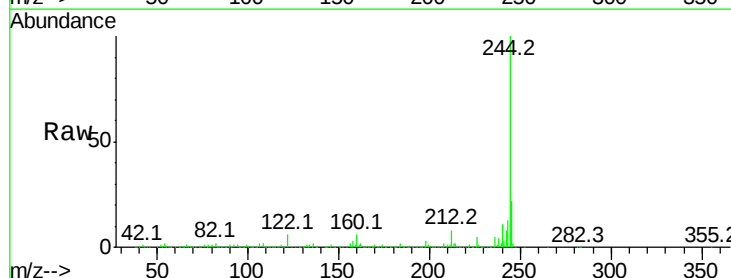
Tgt Ion:244 Resp: 1203219

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

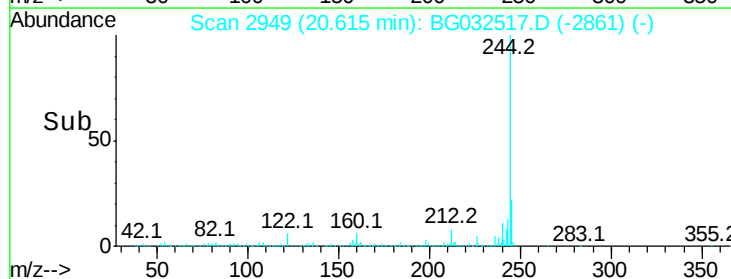
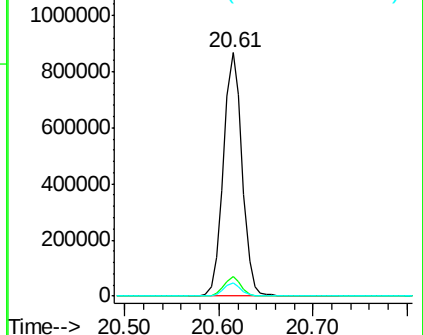
122 5.5 7.0 10.4#

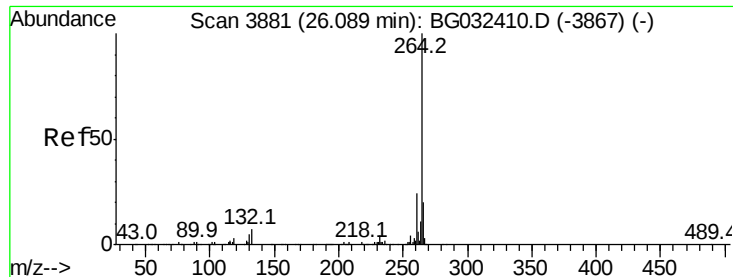


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

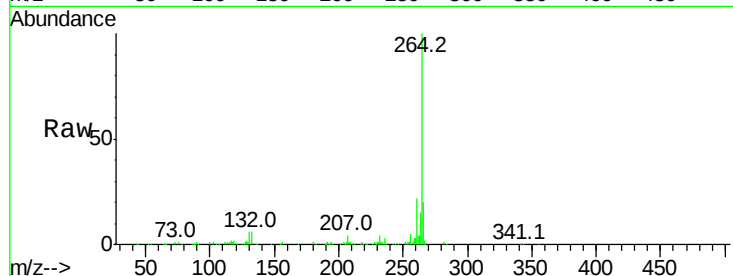




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032517.D
 Acq: 2 Feb 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 132-1-PH-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	20.4	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

