

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032909.D
 Acq On : 1 Mar 2018 5:56
 Operator : SJ/JU
 Sample : J1710-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-242

Quant Time: Mar 01 07:48:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

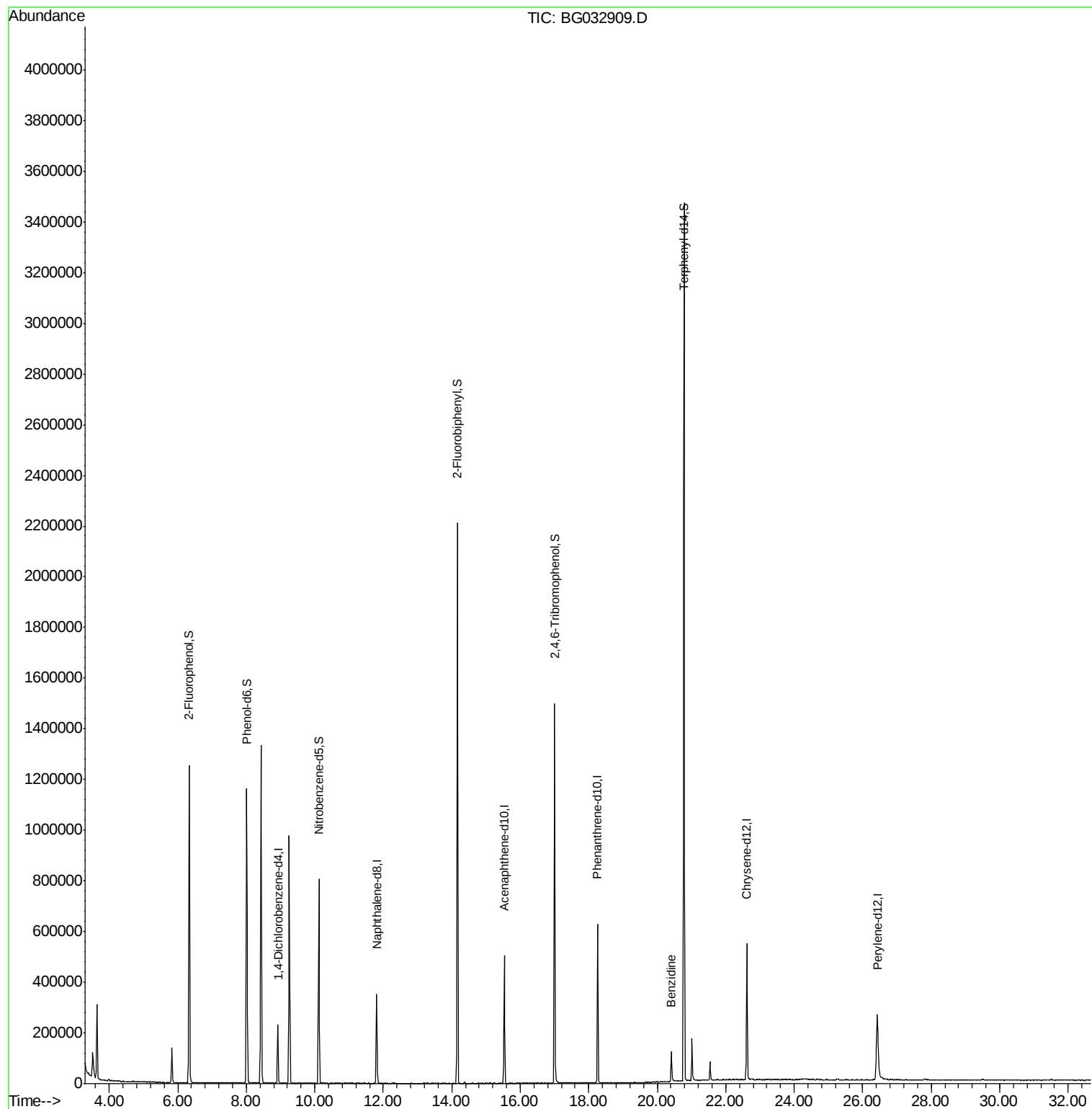
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	70359	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	305833	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	171929	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	384073	20.00	ng	0.00
75) Chrysene-d12	22.61	240	344513	20.00	ng	-0.02
86) Perylene-d12	26.43	264	346444	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	614681	139.77	ng	0.00
7) Phenol-d6	8.02	99	750971	122.51	ng	0.00
23) Nitrobenzene-d5	10.12	82	514500	113.04	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	263327	145.66	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1135748	95.27	ng	0.00
78) Terphenyl-d14	20.78	244	1568354	102.28	ng	0.00
Target Compounds						
76) Benzidine	20.41	184	82075	6.989	ng	Qvalue 96

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

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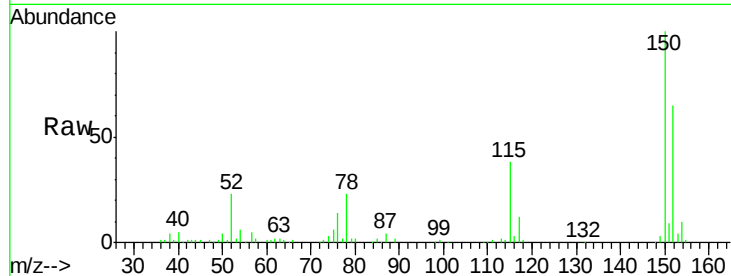


#1

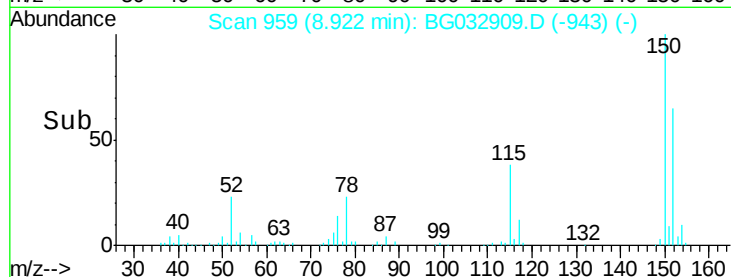
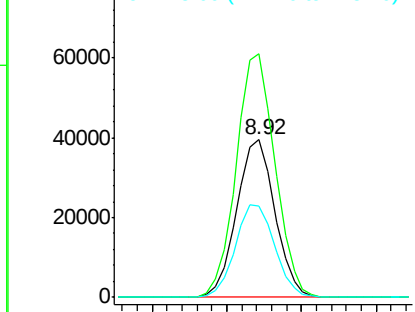
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

Instrument :
BNA_G
ClientSampleId :
RO-242

Tot Ion:152 Resp: 70359
Ion Ratio Lower Upper
152 100
150 154.3 126.6 189.8
115 58.1 53.0 79.4



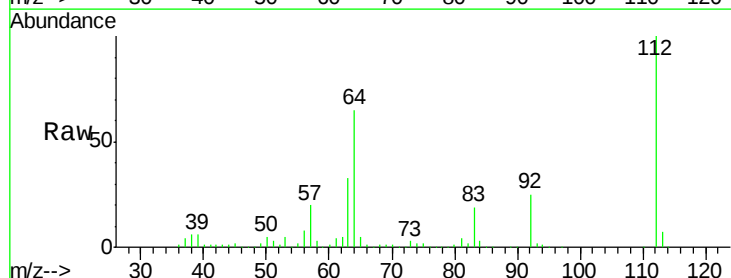
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



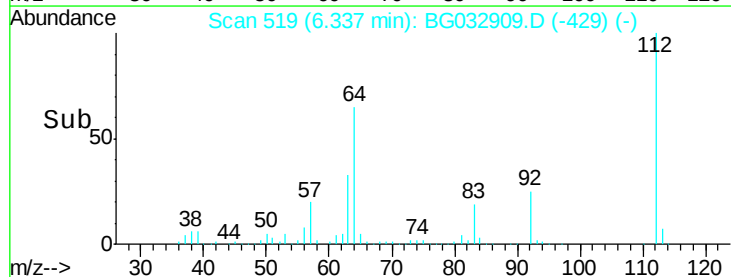
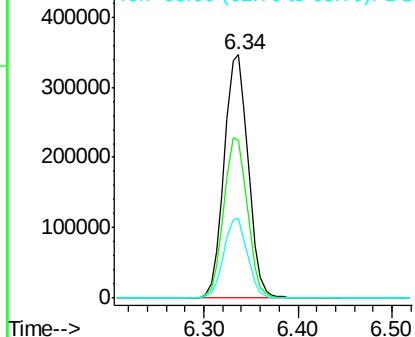
#5

2-Fluorophenol
Concen: 139.769 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

Tgt Ion:112 Resp: 614681
Ion Ratio Lower Upper
112 100
64 64.7 56.3 84.5
63 32.7 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: 122.508 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

Instrument :

BNA_G

ClientSampled :

RO-242

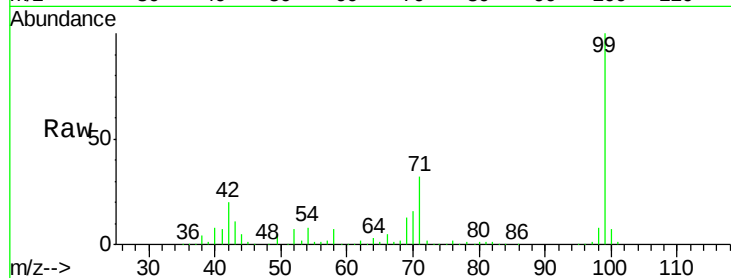
Tot Ion: 99 Resp: 750971

Ion Ratio Lower Upper

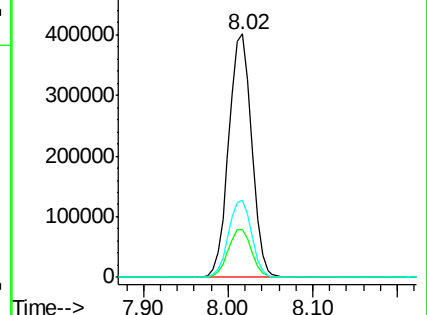
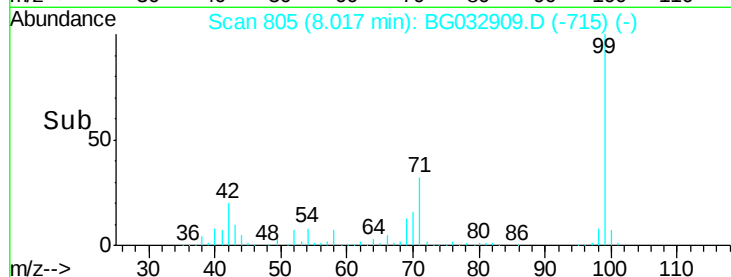
99 100

42 19.6 14.1 21.1

71 31.7 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: 11.81 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

Tgt Ion: 136 Resp: 305833

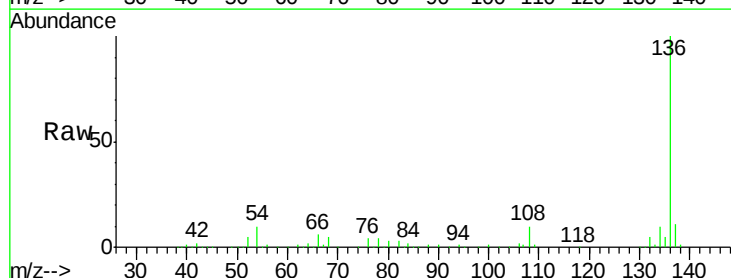
Ion Ratio Lower Upper

136 100

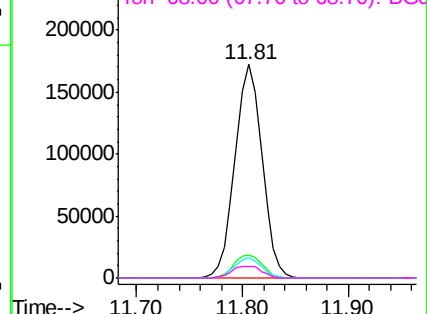
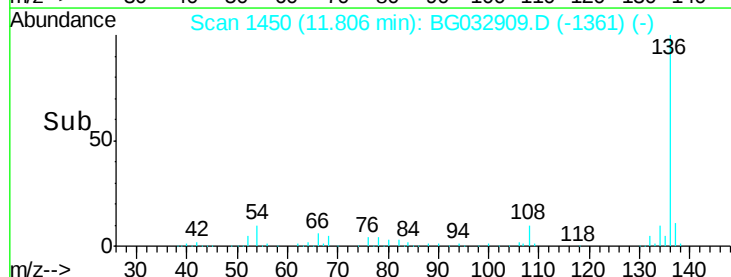
137 10.9 9.2 13.8

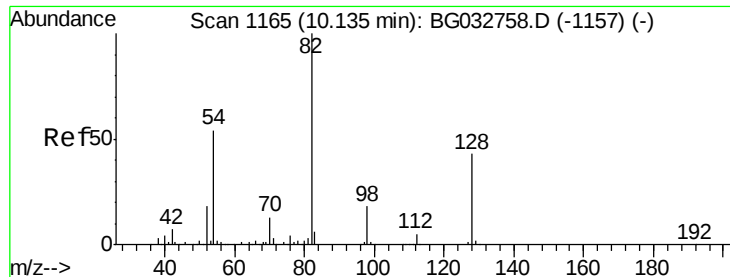
54 9.6 10.3 15.5#

68 5.4 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

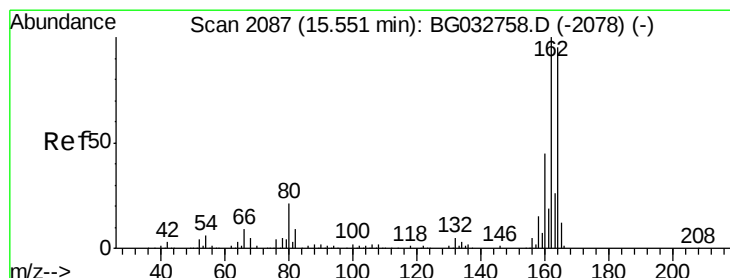
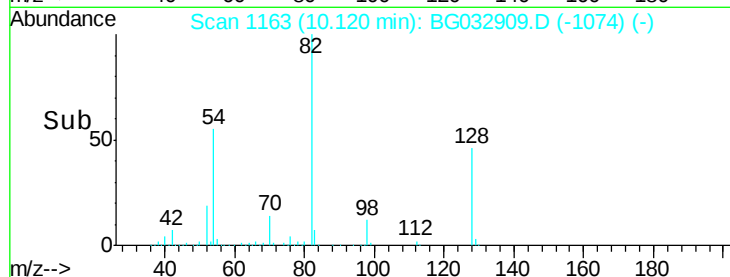
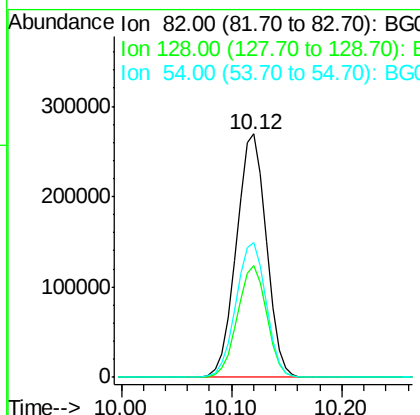
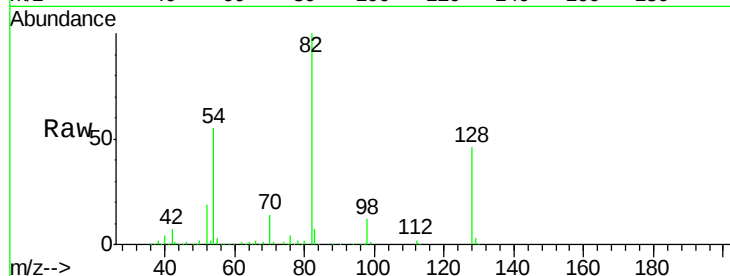




#23
 Nitrobenzene-d5
 Concen: 113.041 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032909.D
 Acq: 1 Mar 2018 5:56

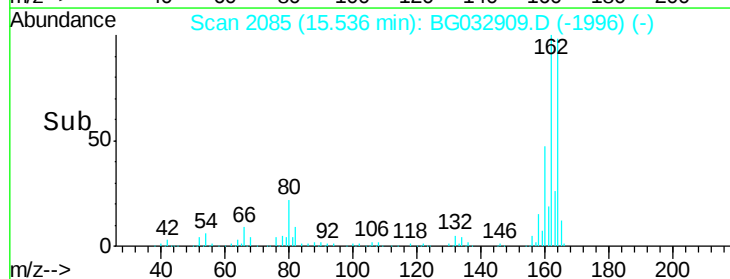
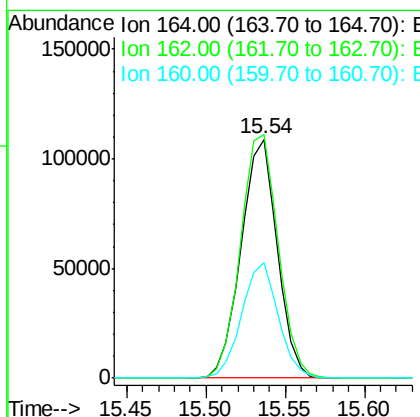
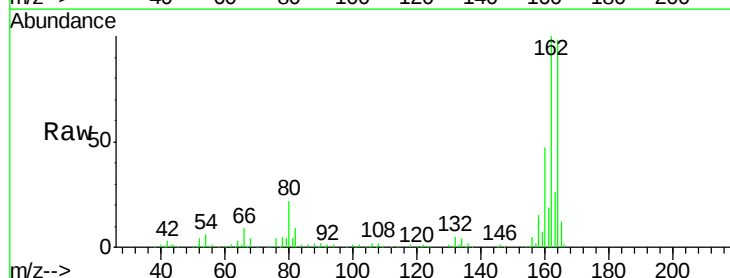
Instrument :
 BNA_G
 ClientSampleId :
 RO-242

Tot Ion	82	Resp	514500
Ion Ratio	100	Lower	Upper
128	45.8	29.7	44.5#
54	55.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG032909.D
 Acq: 1 Mar 2018 5:56

Tgt Ion	164	Resp	171929
Ion Ratio	100	Lower	Upper
162	101.9	78.8	118.2
160	48.1	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 145.664 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

Instrument :

BNA_G

ClientSampleId :

RO-242

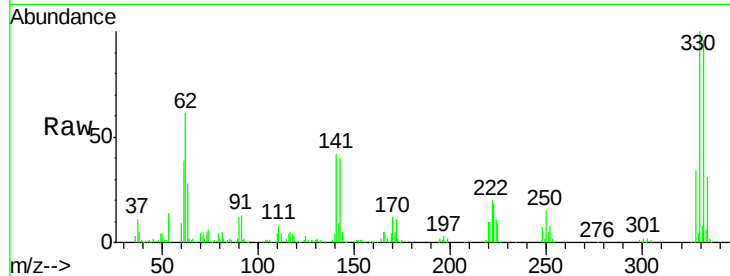
Tot Ion:330 Resp: 263327

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

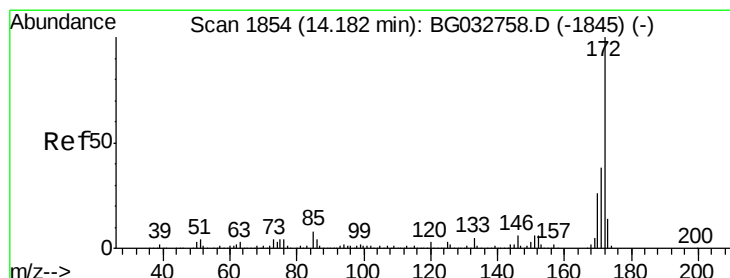
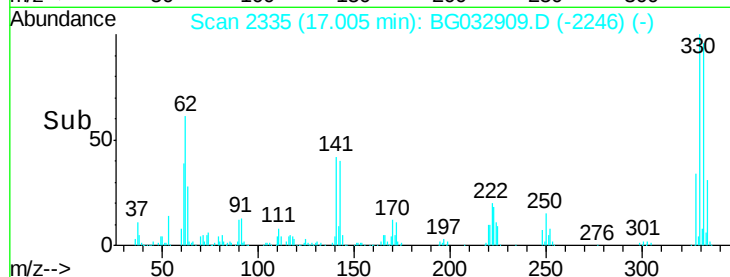
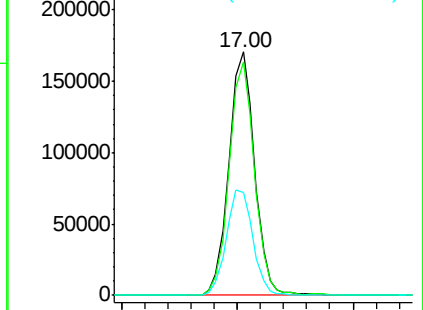
141 44.7 25.2 37.8#



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: 95.274 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

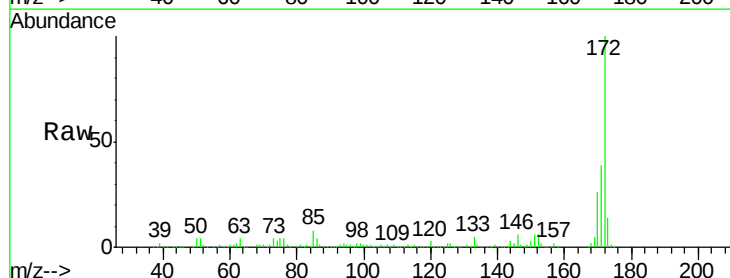
Tgt Ion:172 Resp: 1135748

Ion Ratio Lower Upper

172 100

171 39.0 30.0 45.0

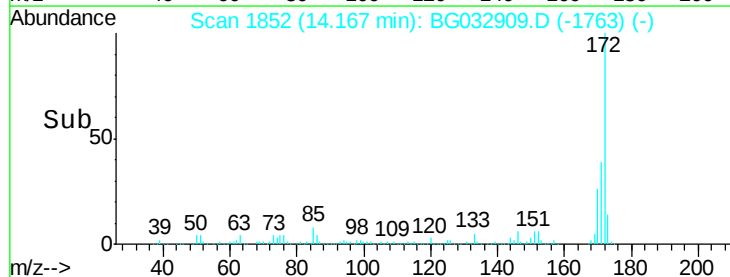
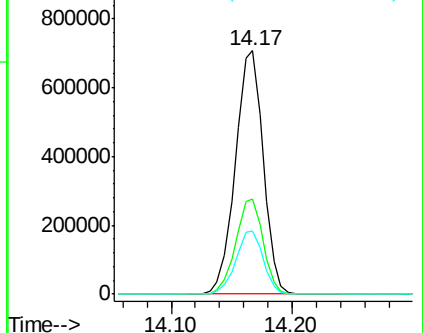
170 25.8 19.5 29.3



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

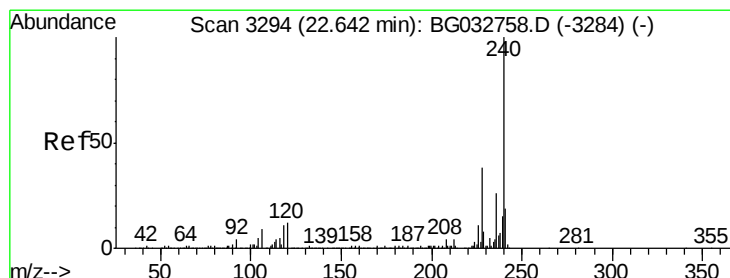
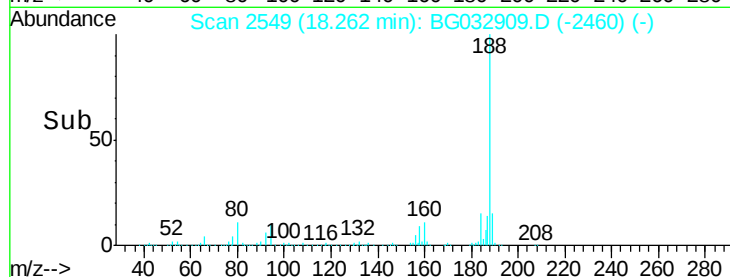
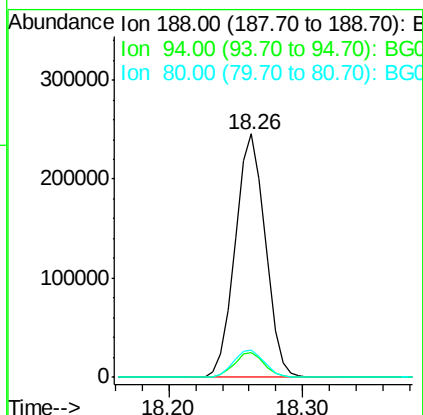
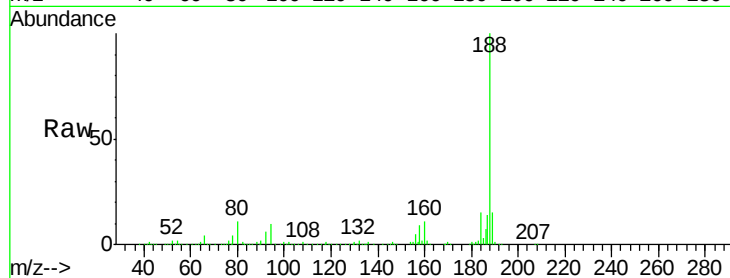




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

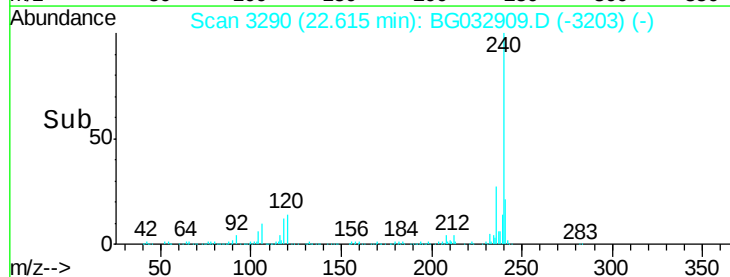
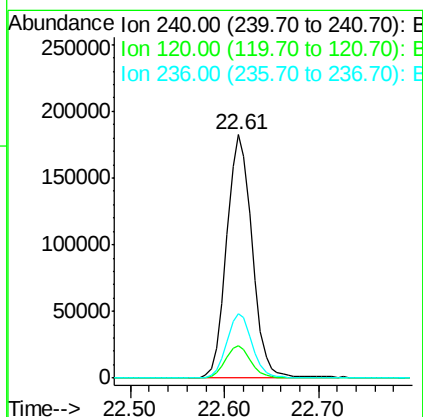
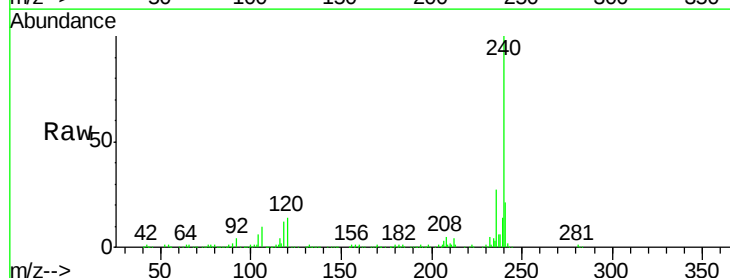
Instrument :
BNA_G
ClientSampleId :
RO-242

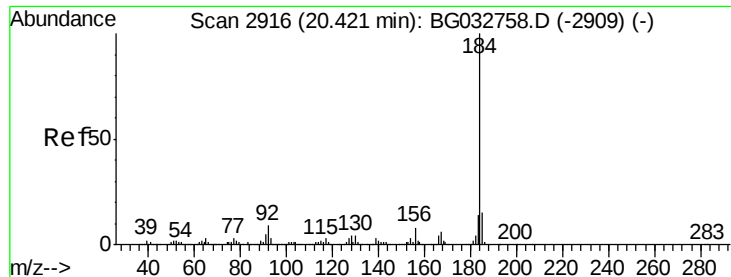
Tot Ion:188 Resp: 384073
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3
80 11.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

Tgt Ion:240 Resp: 344513
Ion Ratio Lower Upper
240 100
120 13.5 6.8 10.2#
236 26.7 20.9 31.3

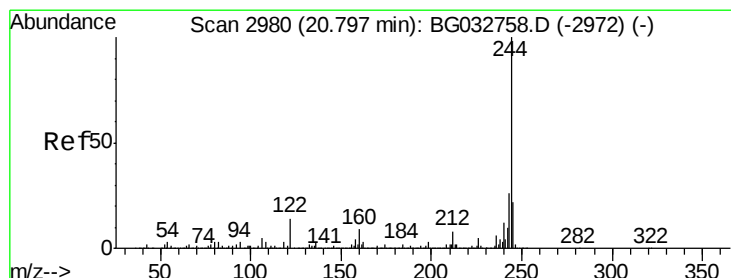
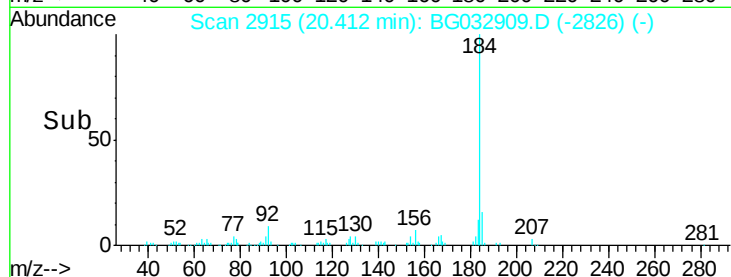
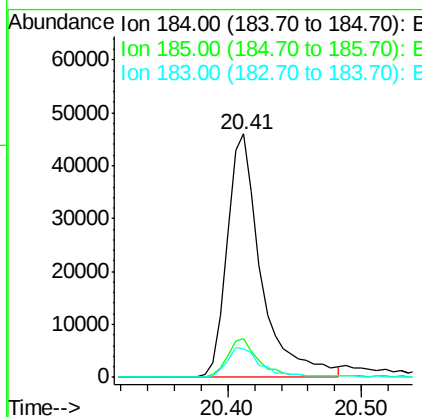
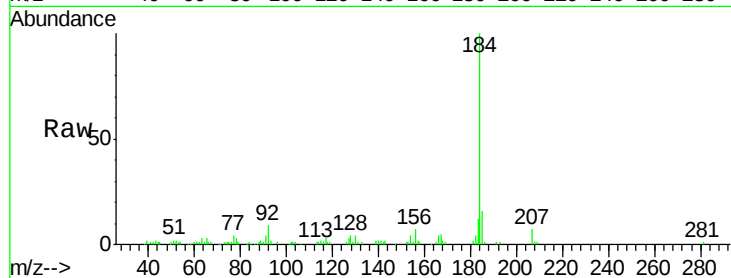




#76
Benzidine
Concen: 6.989 ng
RT: 20.41 min Scan# 2915
Delta R.T. -0.01 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

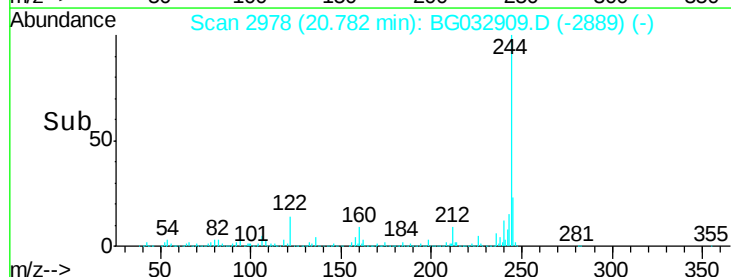
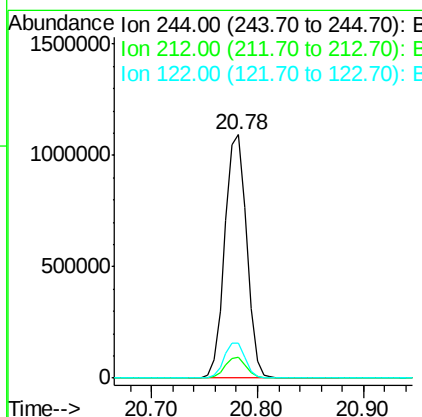
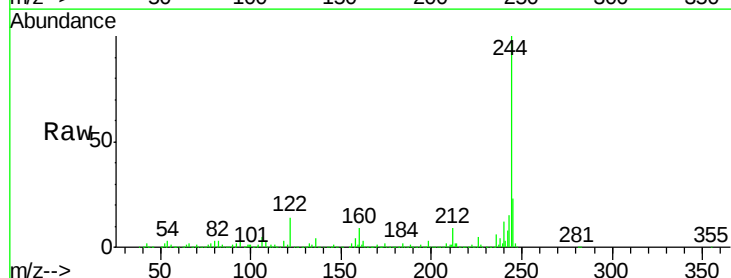
Instrument :
BNA_G
ClientSampleId :
RO-242

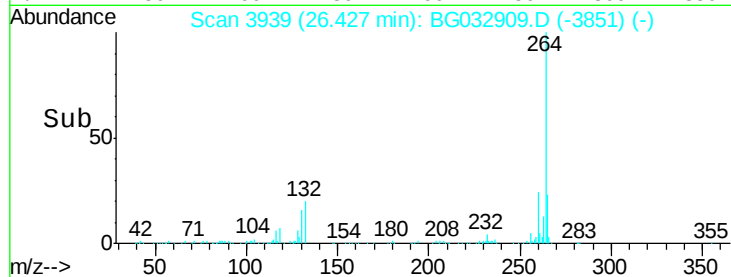
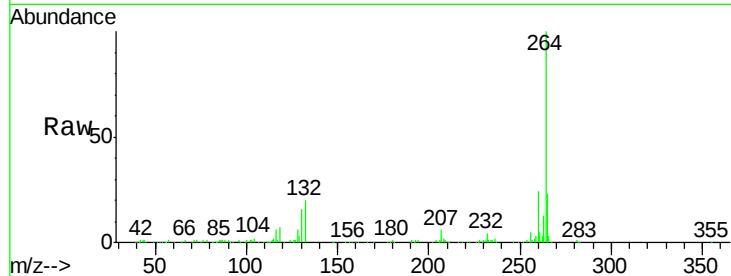
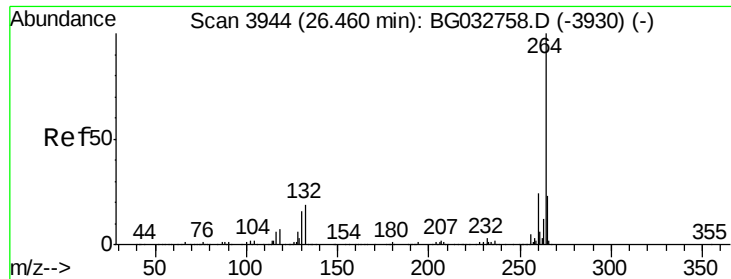
Tot Ion:184 Resp: 82075
Ion Ratio Lower Upper
184 100
185 15.8 11.1 16.7
183 12.0 10.6 16.0



#78
Terphenyl-d14
Concen: 102.280 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BG032909.D
Acq: 1 Mar 2018 5:56

Tgt Ion:244 Resp: 1568354
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 14.1 7.0 10.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032909.D

Acq: 1 Mar 2018 5:56

Instrument :

BNA_G

ClientSampleId :

RO-242

Tot Ion: 264 Resp: 346444

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.5 17.7 26.5

