

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032910.D
 Acq On : 1 Mar 2018 6:33
 Operator : SJ/JU
 Sample : J1710-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-201

Quant Time: Mar 01 07:49:26 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

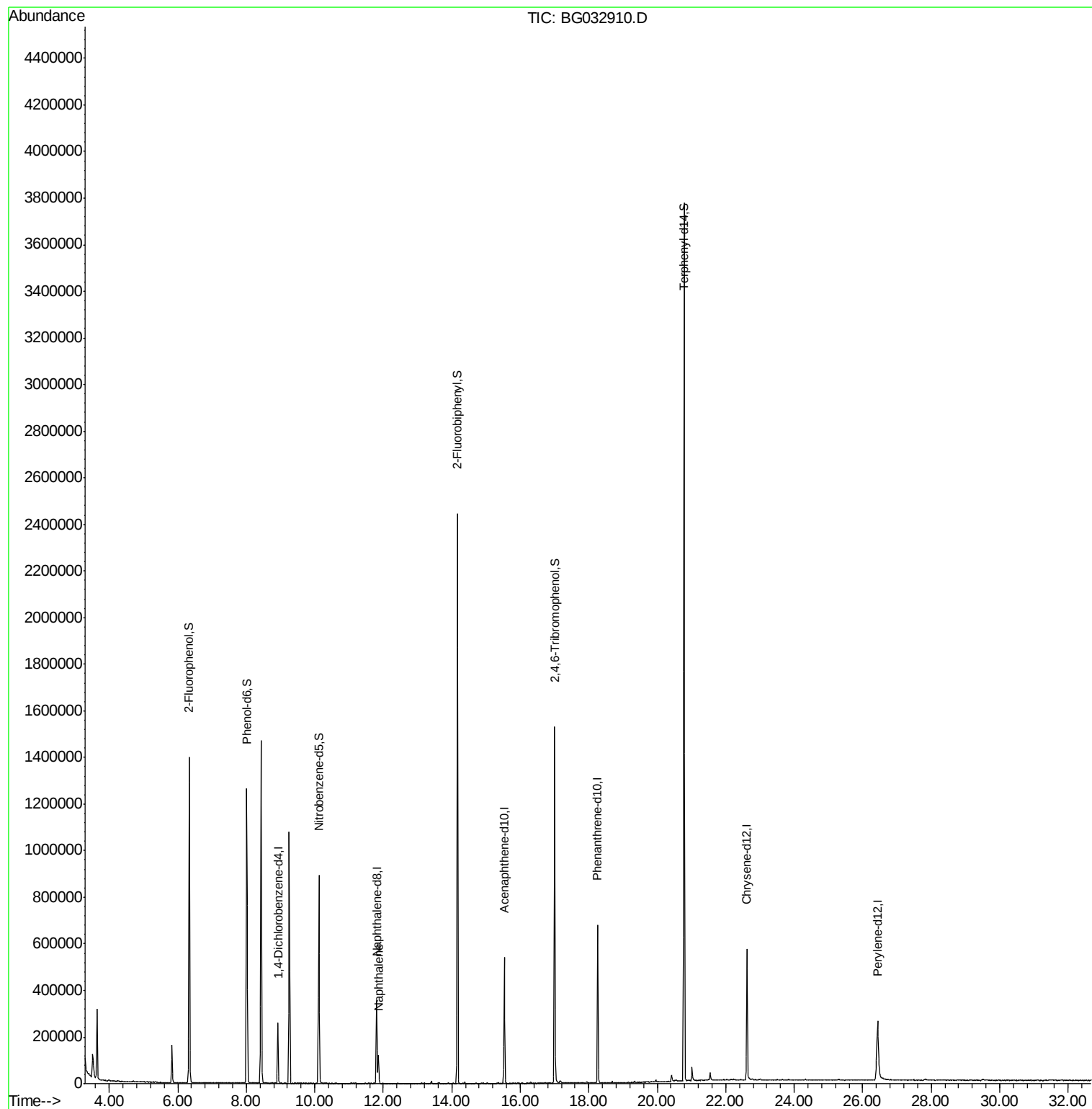
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	76521	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	331036	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	183270	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	398270	20.00	ng	0.00
75) Chrysene-d12	22.62	240	358025	20.00	ng	-0.01
86) Perylene-d12	26.43	264	351073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	665930	139.23	ng	0.00
7) Phenol-d6	8.02	99	808846	121.32	ng	0.00
23) Nitrobenzene-d5	10.12	82	564834	114.51	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	271700	140.99	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1228128	96.65	ng	0.00
78) Terphenyl-d14	20.78	244	1631091	102.36	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	108324	6.262	ng	Qvalue 98

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

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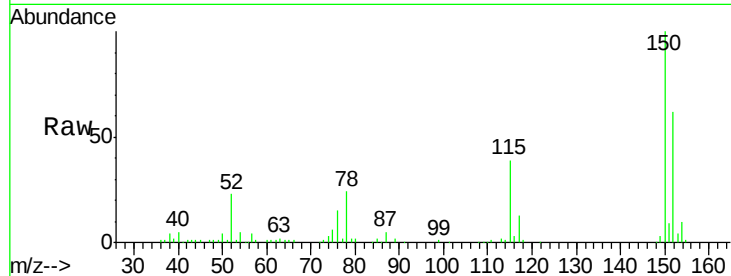


#1

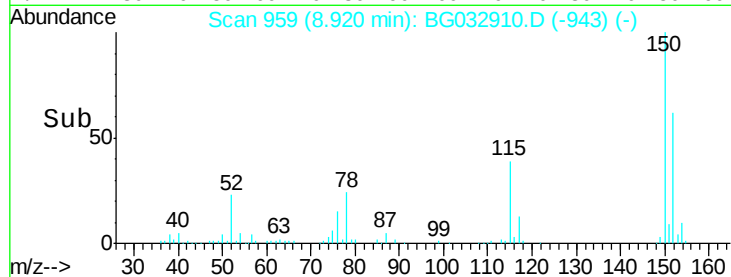
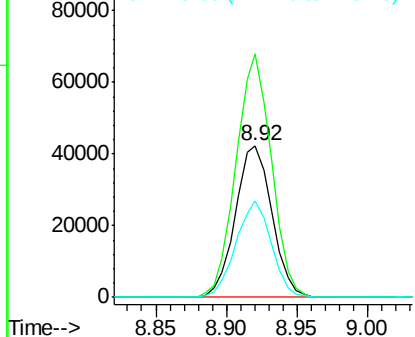
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Instrument :
BNA_G
ClientSampleId :
RO-201

Tot Ion:152 Resp: 76521
Ion Ratio Lower Upper
152 100
150 160.2 126.6 189.8
115 63.1 53.0 79.4



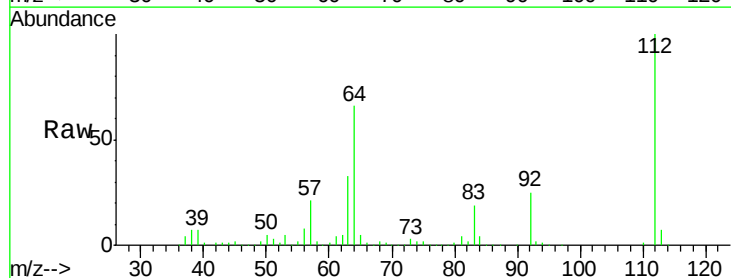
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



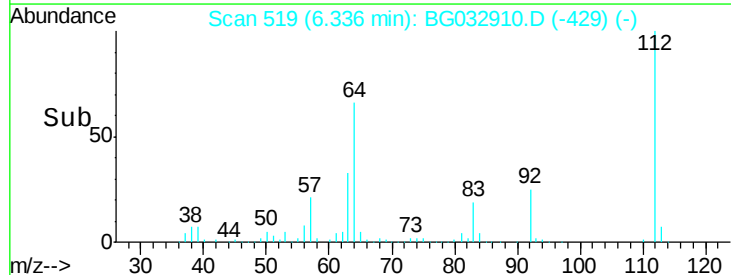
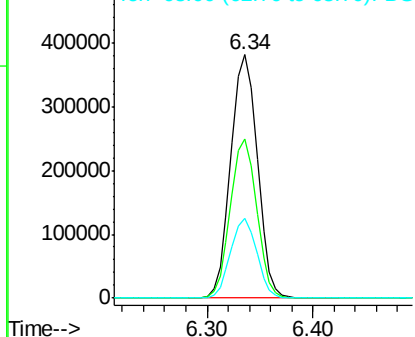
#5

2-Fluorophenol
Concen: 139.229 ng
RT: 6.34 min Scan# 519
Delta R.T. -0.00 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Tgt Ion:112 Resp: 665930
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 32.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 121.324 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

Instrument :

BNA_G

ClientSampled :

RO-201

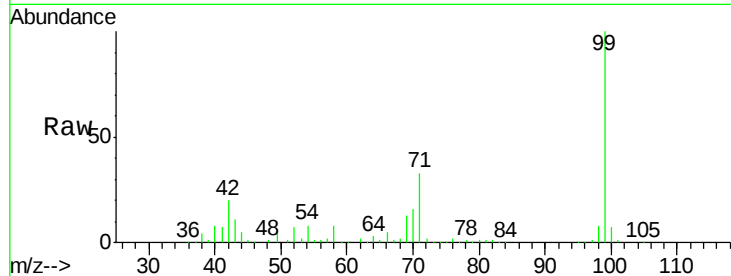
Tot Ion: 99 Resp: 808846

Ion Ratio Lower Upper

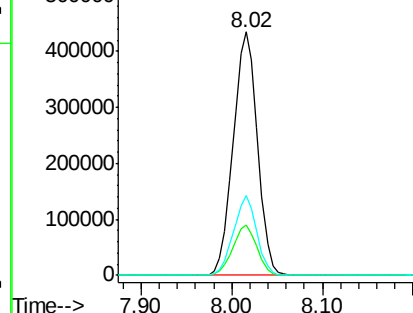
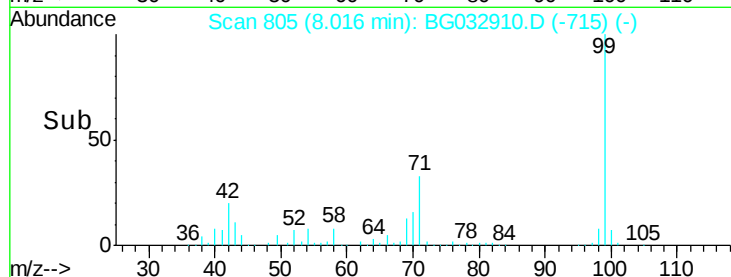
99 100

42 20.5 14.1 21.1

71 32.6 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: 11.80 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

Tgt Ion: 136 Resp: 331036

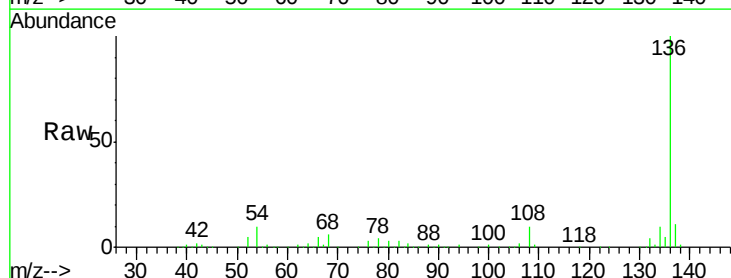
Ion Ratio Lower Upper

136 100

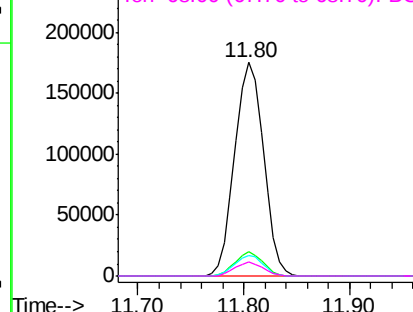
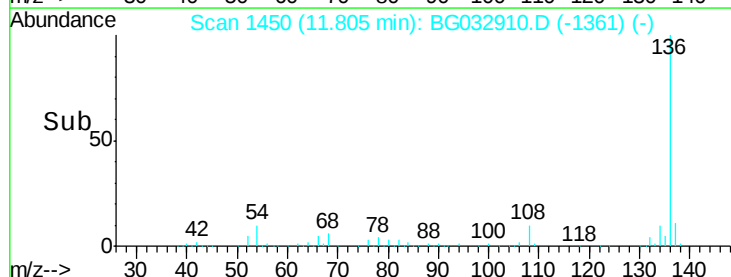
137 11.1 9.2 13.8

54 9.7 10.3 15.5#

68 6.5 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

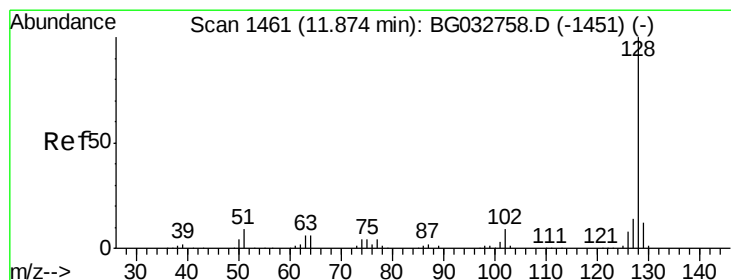
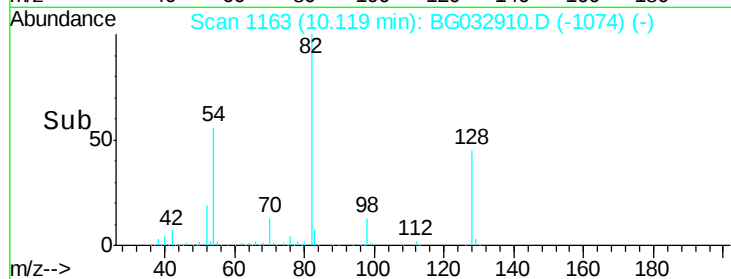
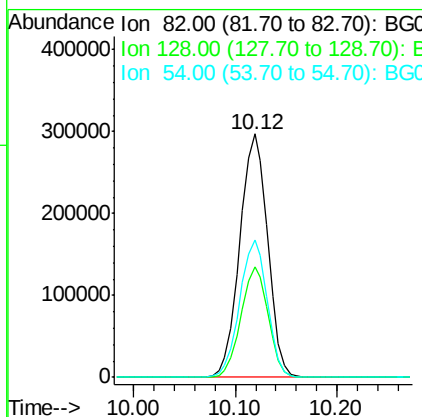
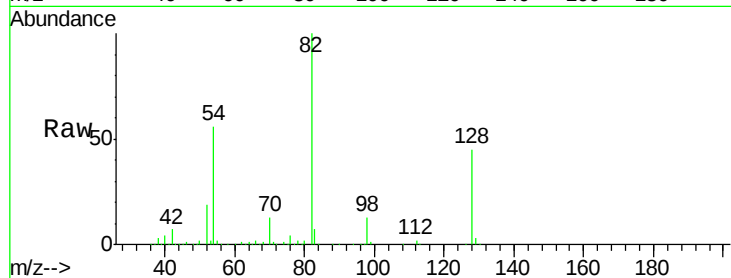




#23
 Nitrobenzene-d5
 Concen: 114.510 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032910.D
 Acq: 1 Mar 2018 6:33

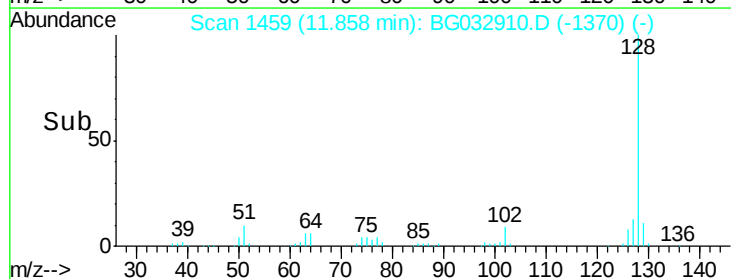
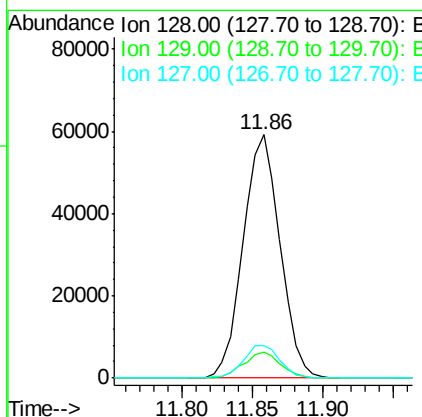
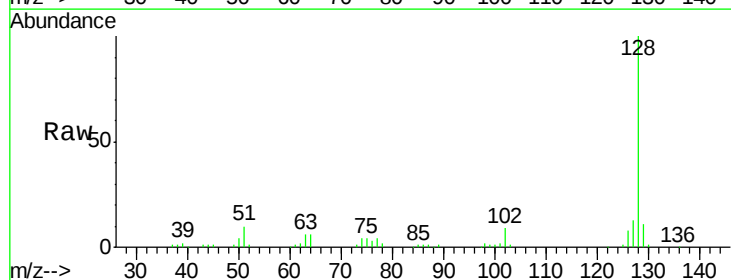
Instrument :
 BNA_G
 ClientSampled :
 RO-201

Tot Ion	82	Resp	564834
Ion Ratio	Lower	Upper	
82	100		
128	45.2	29.7	44.5#
54	56.4	43.1	64.7



#31
 Naphthalene
 Concen: 6.262 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BG032910.D
 Acq: 1 Mar 2018 6:33

Tgt Ion	128	Resp	108324
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	13.1	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

Instrument :

BNA_G

ClientSampleId :

RO-201

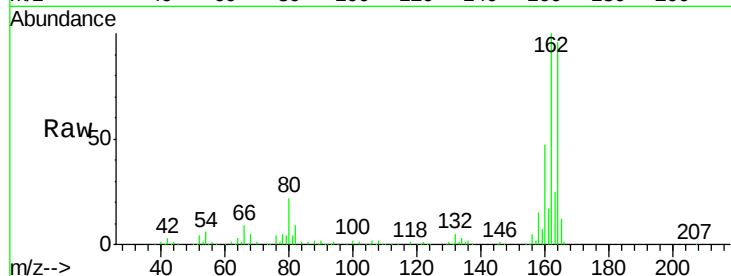
Tot Ion:164 Resp: 183270

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

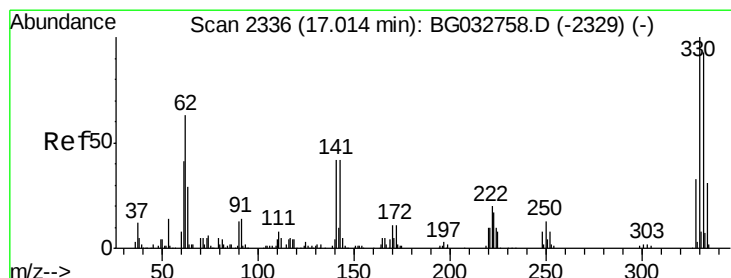
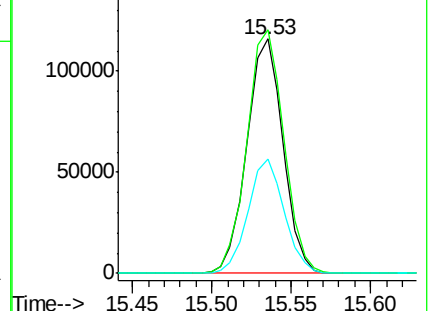
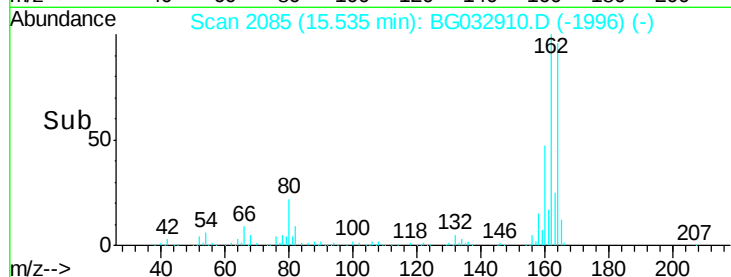
160 48.6 35.4 53.0



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: 140.995 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

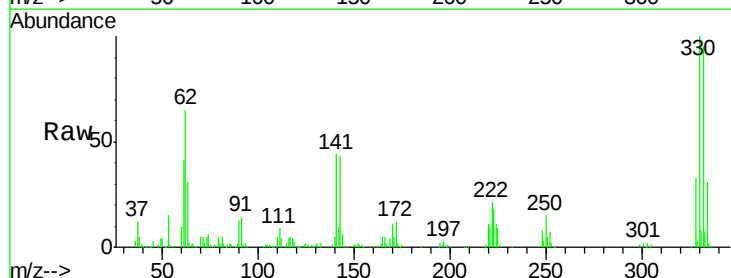
Tgt Ion:330 Resp: 271700

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

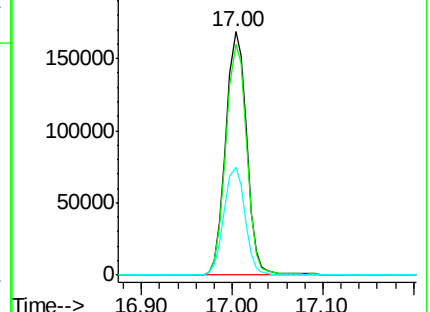
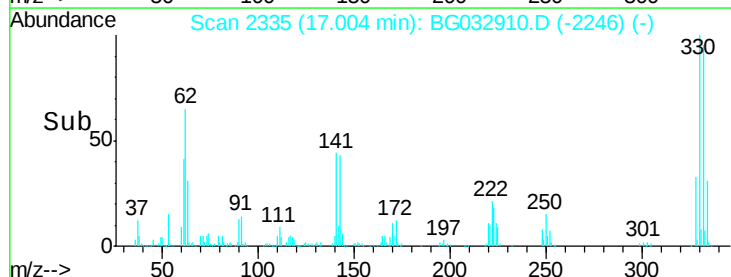
141 44.5 25.2 37.8#



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

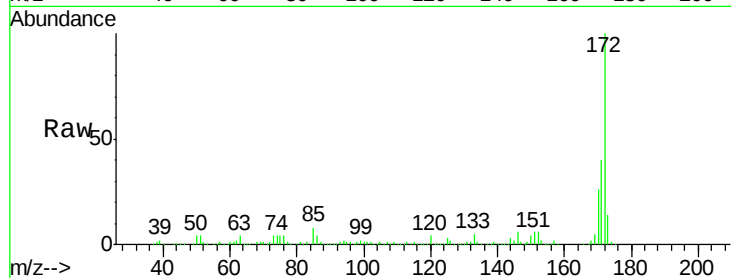




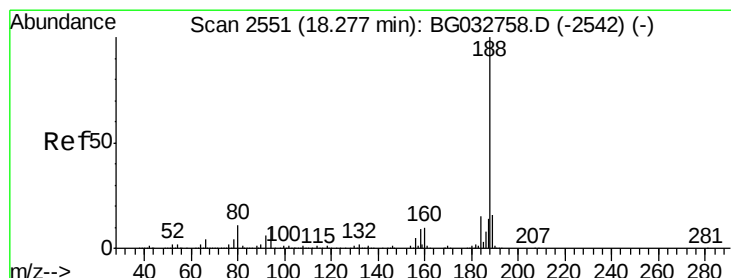
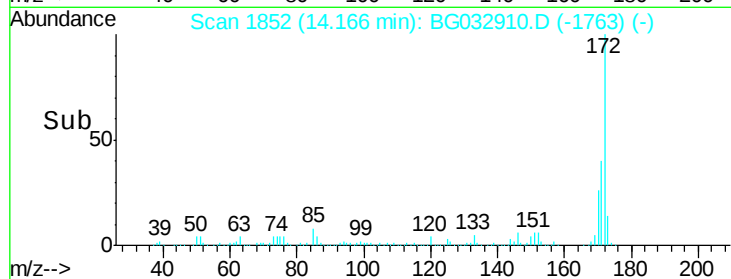
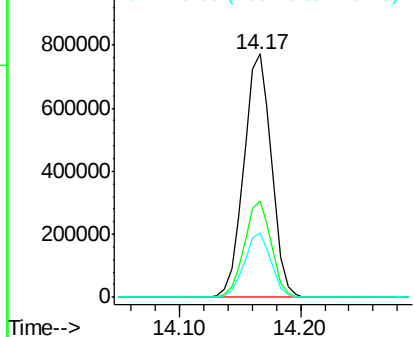
#44
2-Fluorobiphenyl
Concen: 96.648 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Instrument :
BNA_G
ClientSampleId :
RO-201

Tot Ion:172 Resp: 1228128
Ion Ratio Lower Upper
172 100
171 39.6 30.0 45.0
170 26.2 19.5 29.3

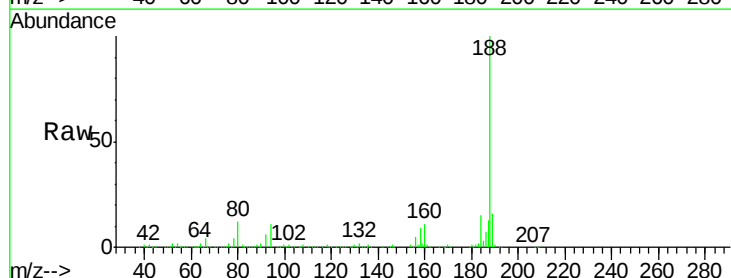


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

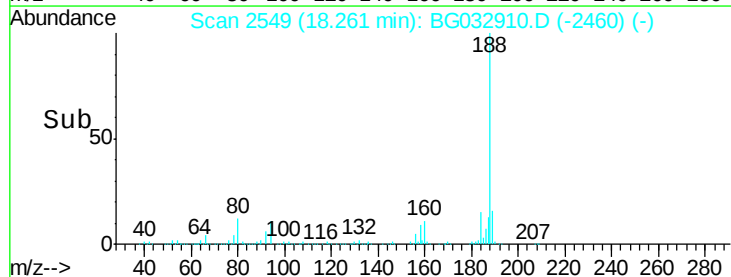
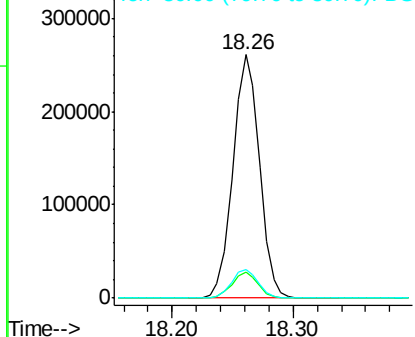


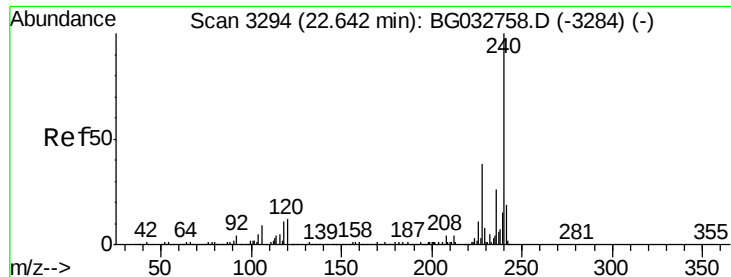
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Tgt Ion:188 Resp: 398270
Ion Ratio Lower Upper
188 100
94 10.8 6.9 10.3#
80 11.6 7.7 11.5#



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

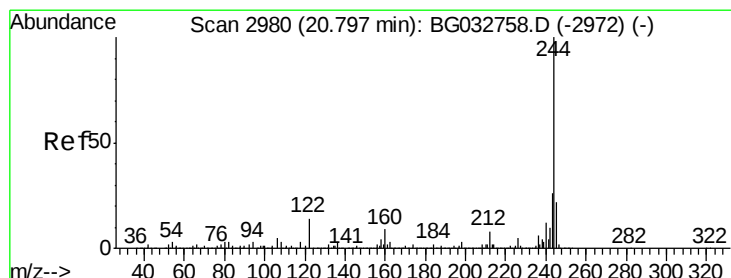
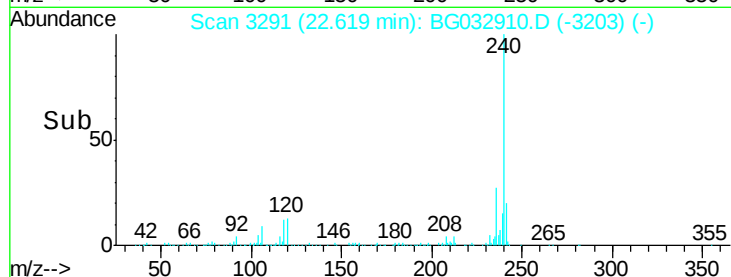
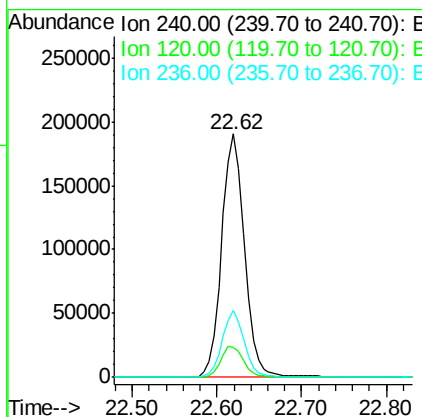
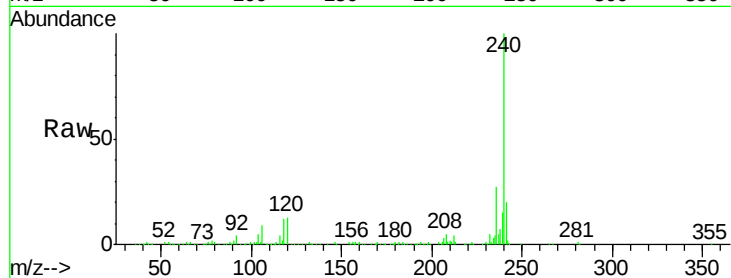




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.01 min
 Lab File: BG032910.D
 Acq: 1 Mar 2018 6:33

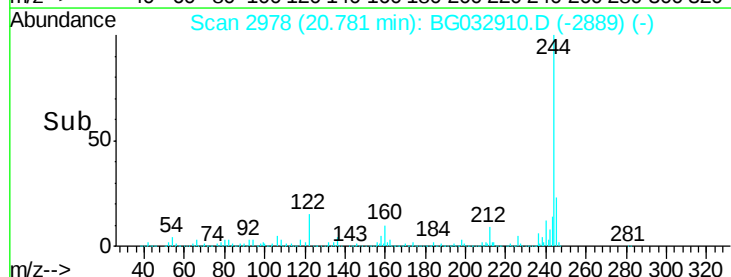
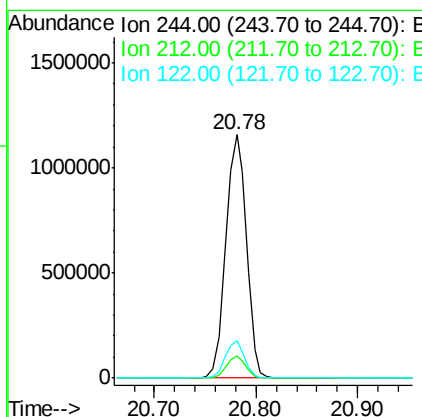
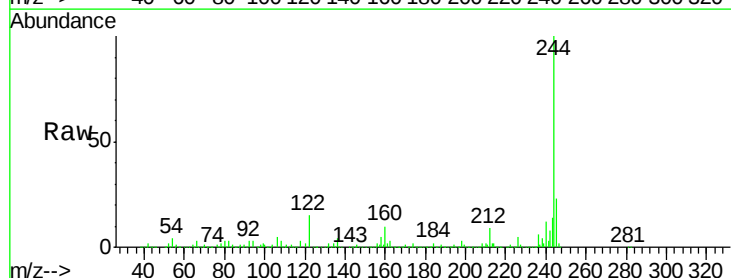
Instrument :
 BNA_G
 ClientSampleId :
 RO-201

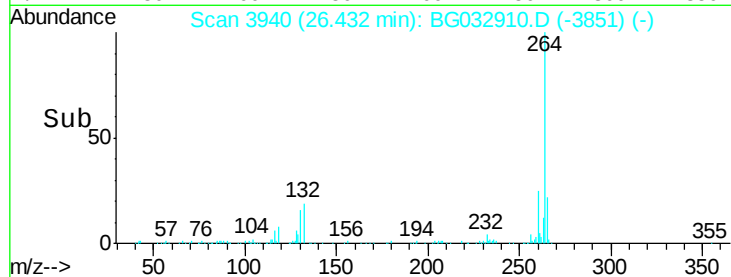
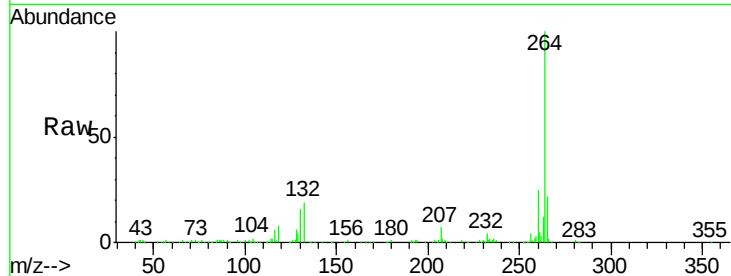
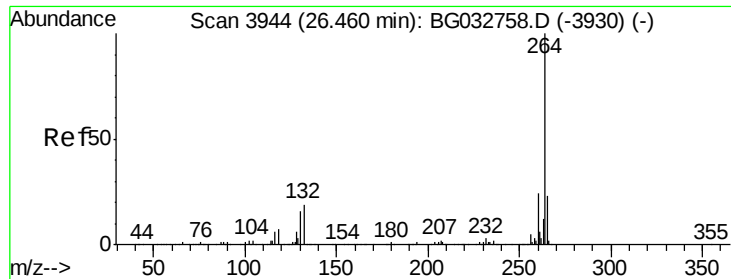
Tot Ion:240 Resp: 358025
 Ion Ratio Lower Upper
 240 100
 120 12.5 6.8 10.2#
 236 27.3 20.9 31.3



#78
 Terphenyl-d14
 Concen: 102.357 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BG032910.D
 Acq: 1 Mar 2018 6:33

Tgt Ion:244 Resp: 1631091
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 15.3 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3940
Delta R.T. -0.01 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Instrument :
BNA_G
ClientSampleId :
RO-201

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.6	17.7	26.5

