

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032911.D
 Acq On : 1 Mar 2018 7:11
 Operator : SJ/JU
 Sample : J1710-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-215

Quant Time: Mar 01 10:56:55 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	77437	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	339639	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	190159	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	422500	20.00	ng	0.00
75) Chrysene-d12	22.61	240	373677	20.00	ng	-0.02
86) Perylene-d12	26.43	264	362045	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	634364	131.06	ng	0.00
7) Phenol-d6	8.02	99	768721	113.94	ng	0.00
23) Nitrobenzene-d5	10.12	82	551837	109.52	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	261883	130.98	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1212162	91.94	ng	-0.01
78) Terphenyl-d14	20.78	244	1662610	99.96	ng	0.00

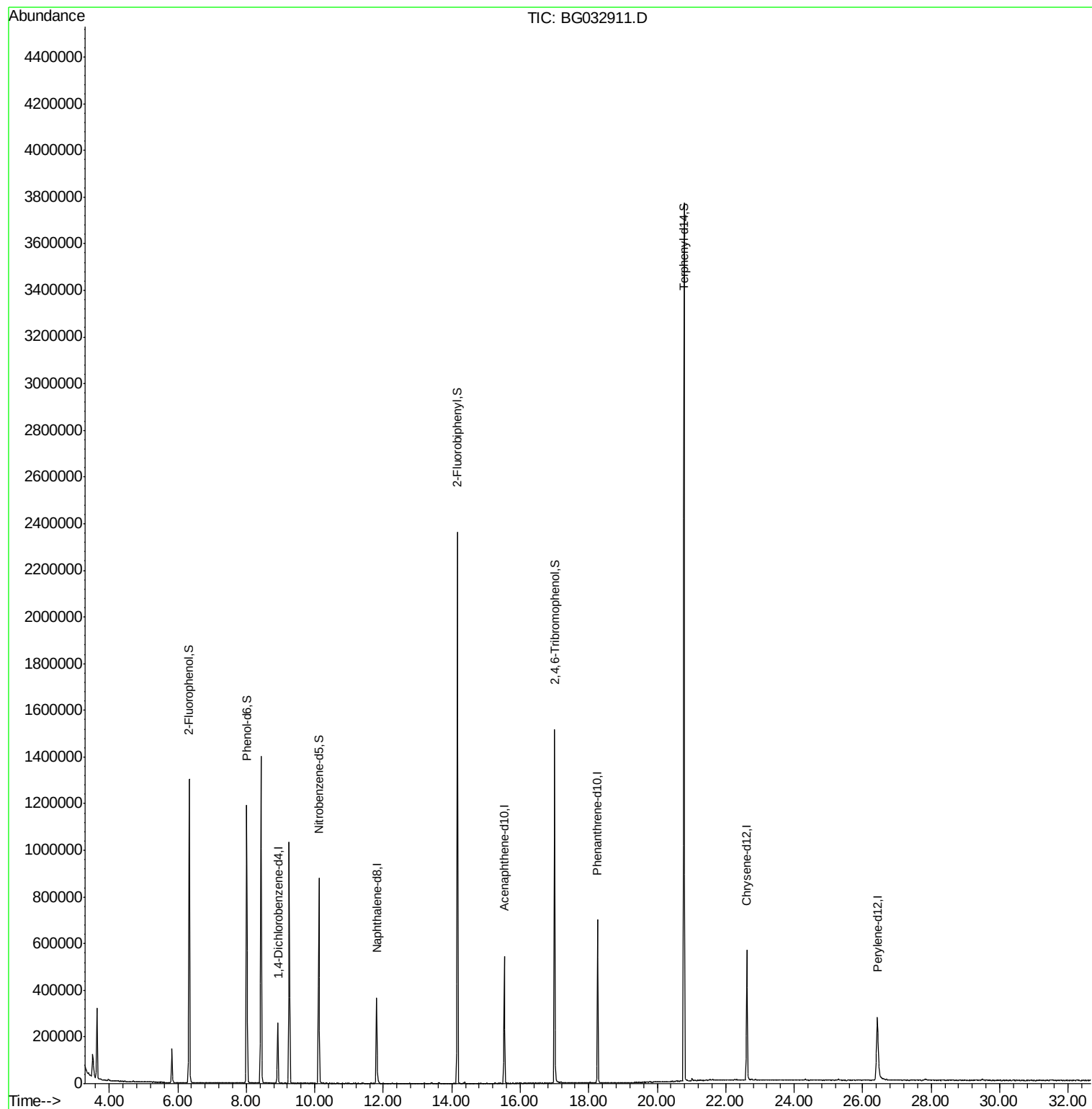
Target Compounds Qvalue

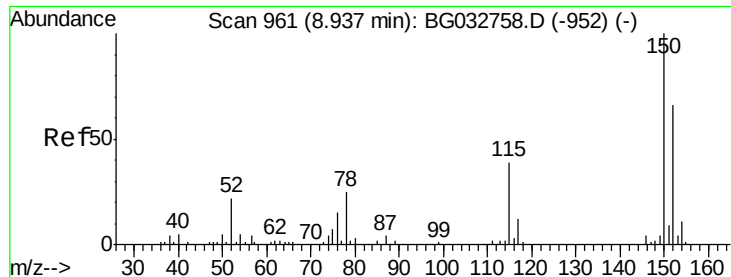
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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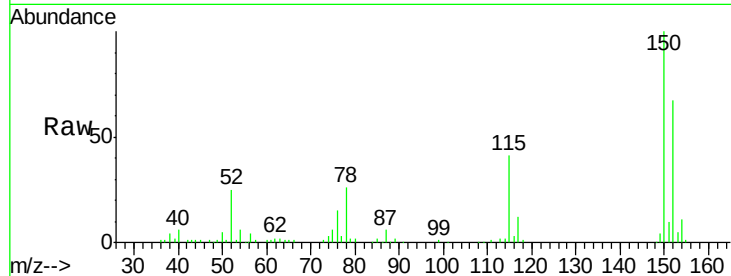


#1

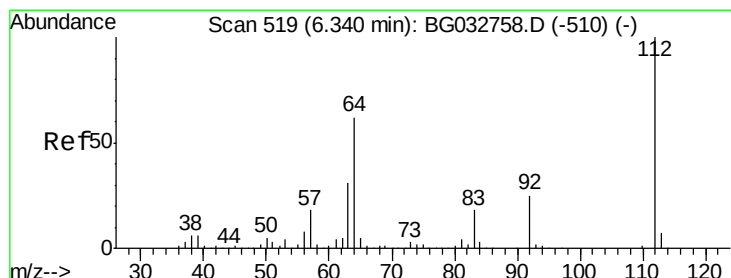
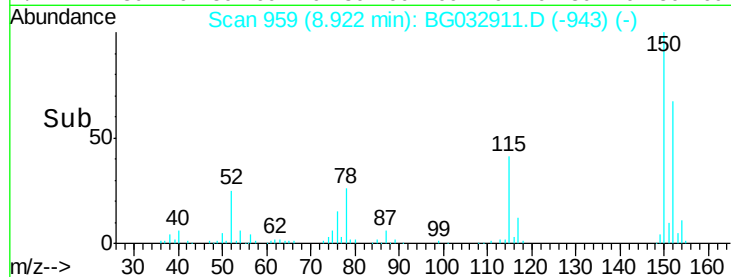
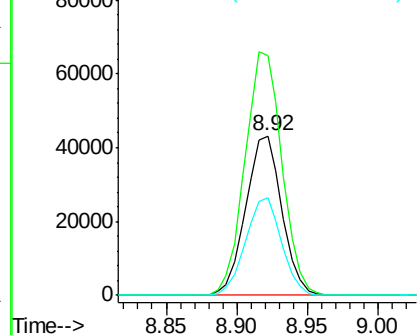
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032911.D
Acq: 1 Mar 2018 7:11

Instrument :
BNA_G
ClientSampled :
RO-215

Tot Ion:152 Resp: 77437
Ion Ratio Lower Upper
152 100
150 150.2 126.6 189.8
115 61.4 53.0 79.4



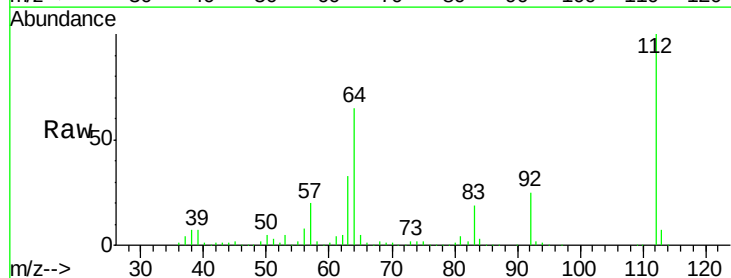
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



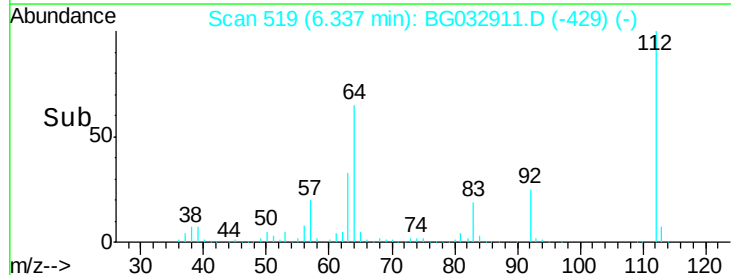
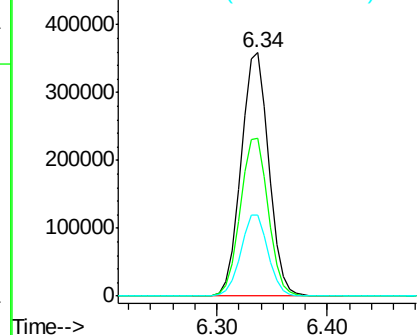
#5

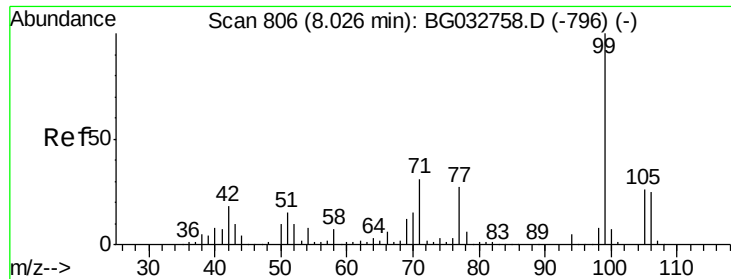
2-Fluorophenol
Concen: 131.060 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032911.D
Acq: 1 Mar 2018 7:11

Tgt Ion:112 Resp: 634364
Ion Ratio Lower Upper
112 100
64 64.8 56.3 84.5
63 33.1 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: 113.941 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032911.D

Acq: 1 Mar 2018 7:11

Instrument :

BNA_G

ClientSampled :

RO-215

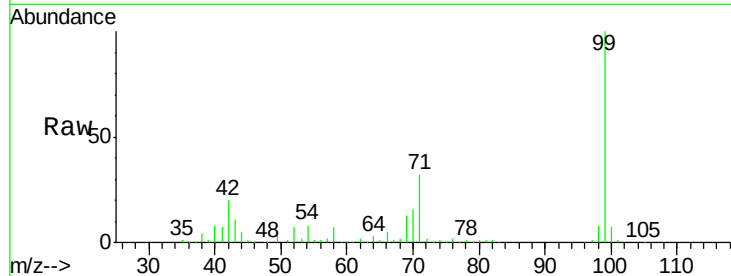
Tot Ion: 99 Resp: 768721

Ion Ratio Lower Upper

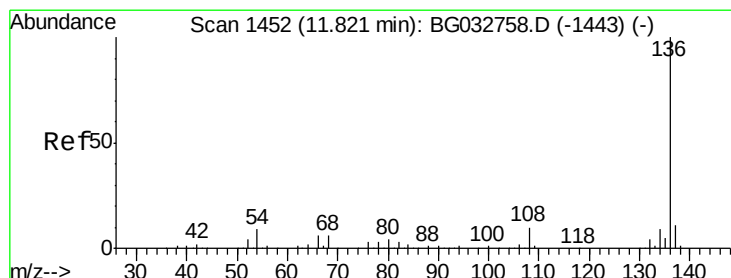
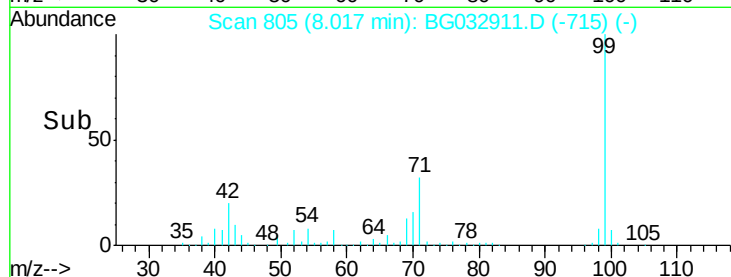
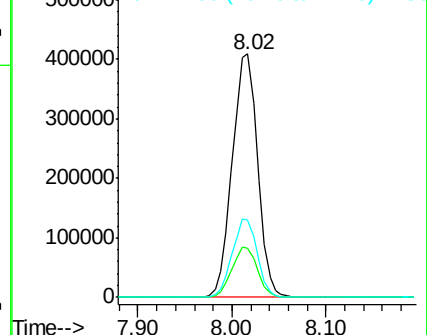
99 100

42 20.1 14.1 21.1

71 31.9 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. -0.00 min

Lab File: BG032911.D

Acq: 1 Mar 2018 7:11

Tgt Ion: 136 Resp: 339639

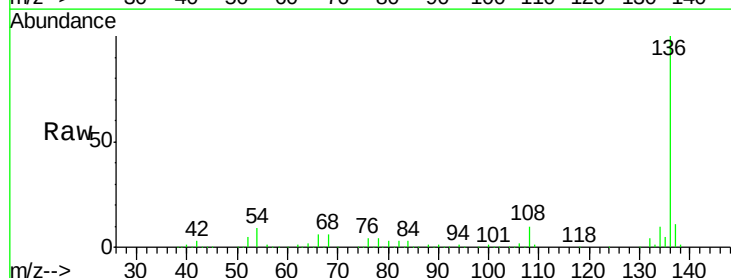
Ion Ratio Lower Upper

136 100

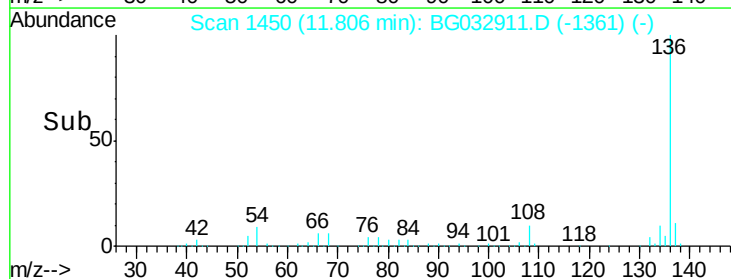
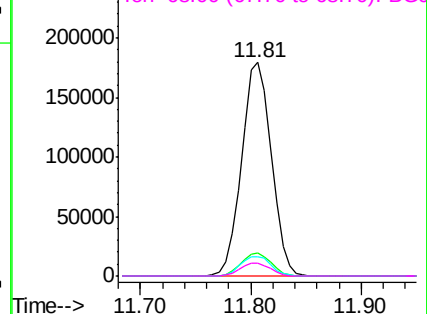
137 10.8 9.2 13.8

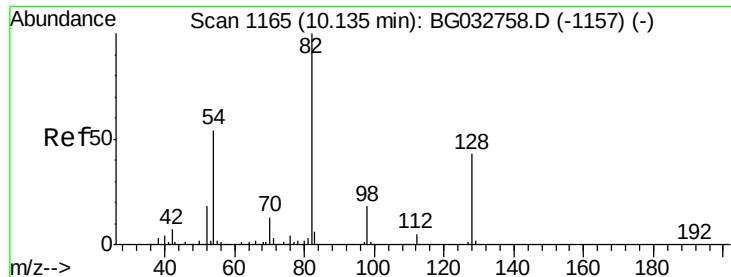
54 8.9 10.3 15.5#

68 6.1 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

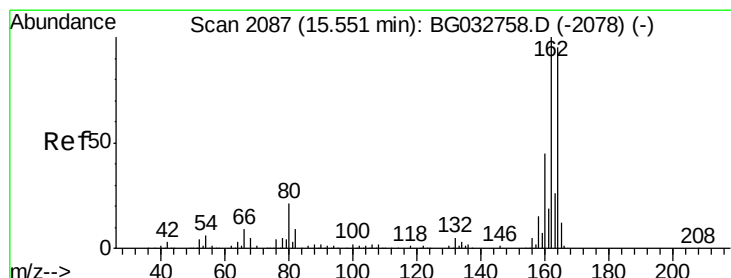
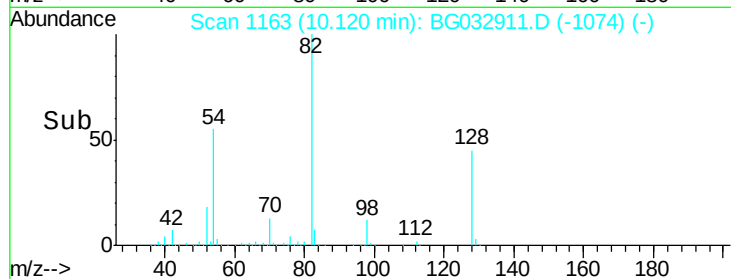
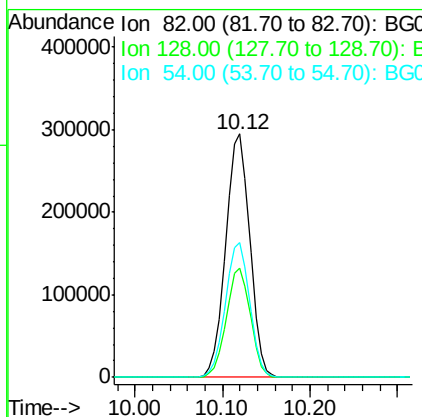
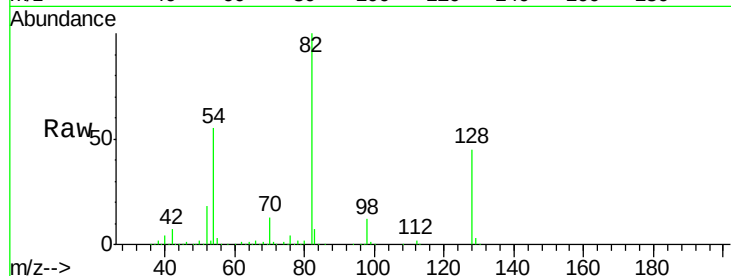




#23
 Nitrobenzene-d5
 Concen: 109.515 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032911.D
 Acq: 1 Mar 2018 7:11

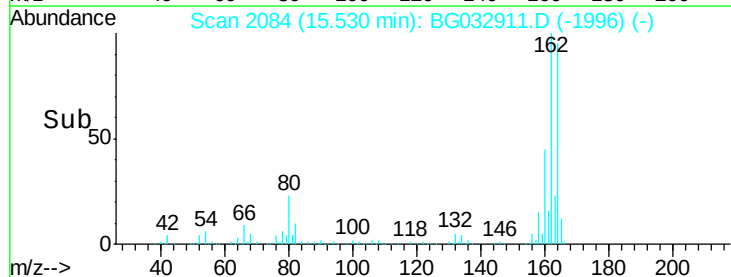
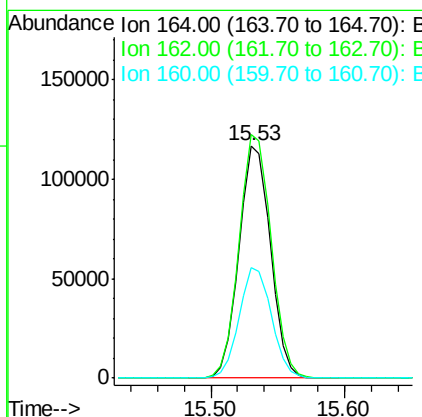
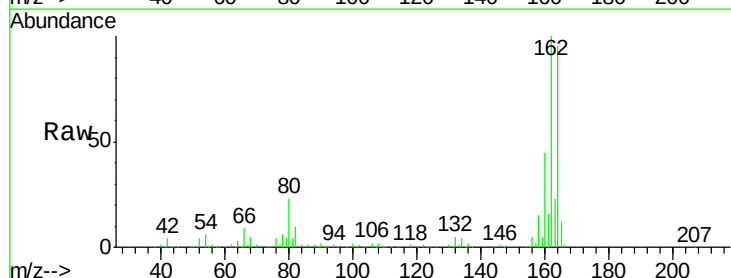
Instrument :
 BNA_G
 ClientSampled :
 RO-215

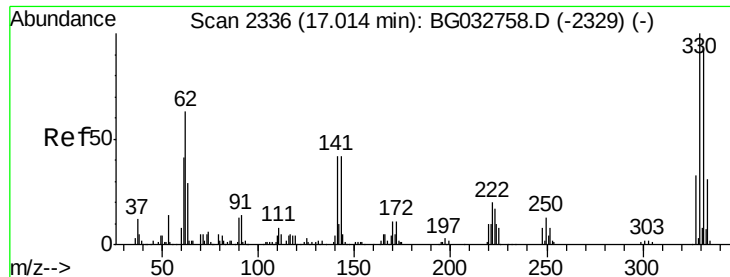
Tot Ion	82	Resp	551837
Ion Ratio	Lower	Upper	
82	100		
128	44.8	29.7	44.5#
54	55.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG032911.D
 Acq: 1 Mar 2018 7:11

Tgt Ion	164	Resp	190159
Ion Ratio	Lower	Upper	
164	100		
162	104.8	78.8	118.2
160	47.4	35.4	53.0

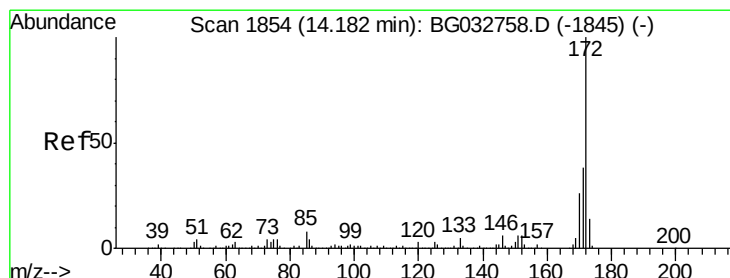
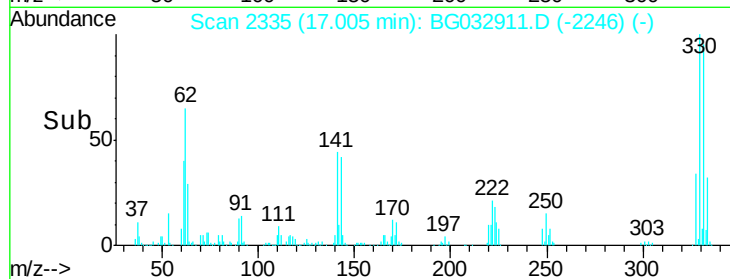
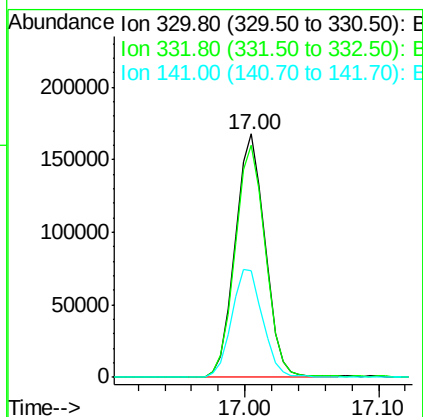
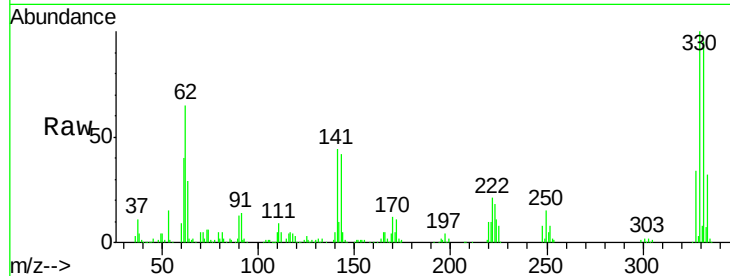




#41
 2,4,6-Tribromophenol
 Concen: 130.977 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032911.D
 Acq: 1 Mar 2018 7:11

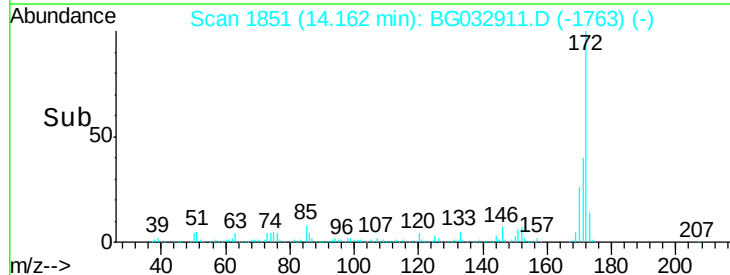
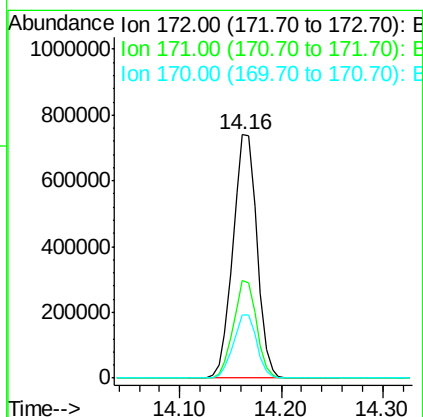
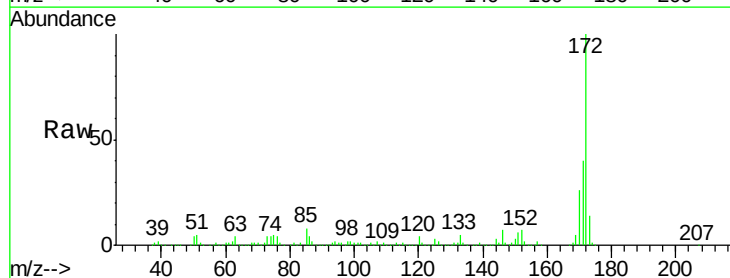
Instrument :
 BNA_G
 ClientSampleId :
 RO-215

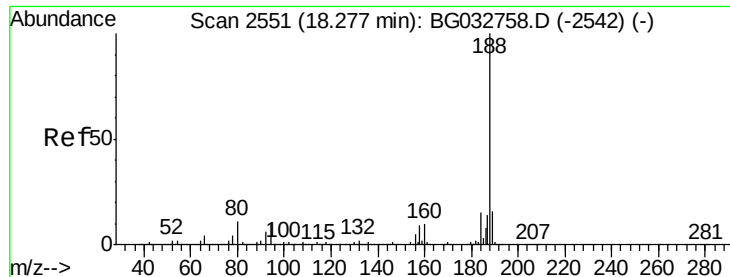
Tot Ion:330 Resp: 261883
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 46.3 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 91.936 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032911.D
 Acq: 1 Mar 2018 7:11

Tgt Ion:172 Resp: 1212162
 Ion Ratio Lower Upper
 172 100
 171 40.0 30.0 45.0
 170 26.0 19.5 29.3

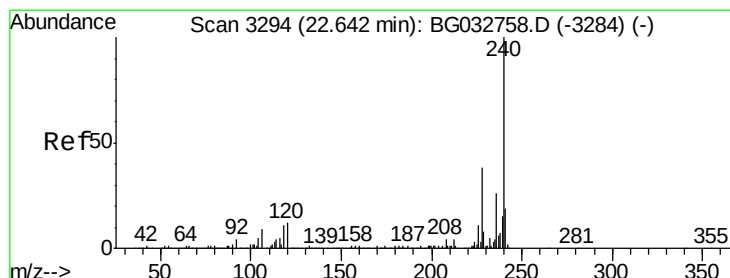
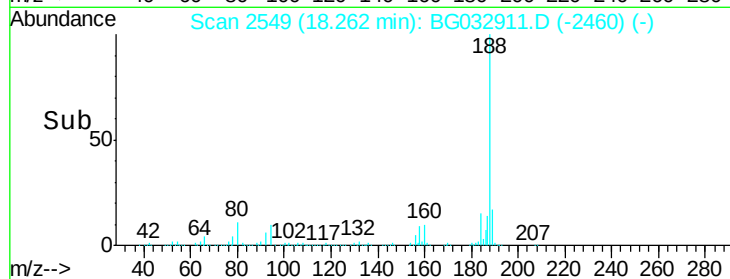
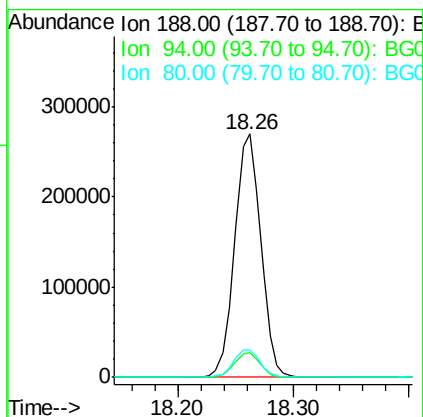
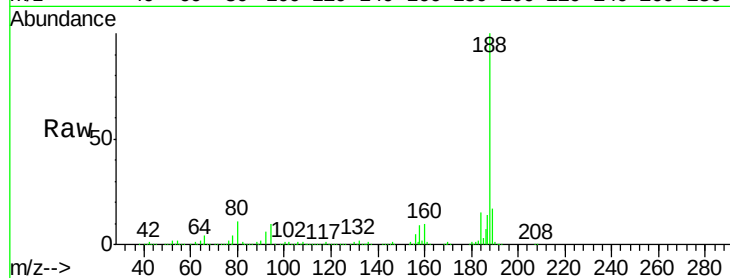




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032911.D
Acq: 1 Mar 2018 7:11

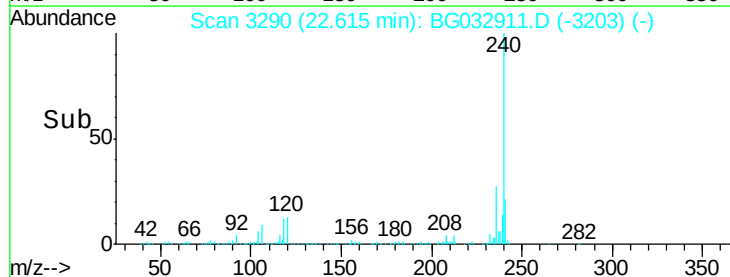
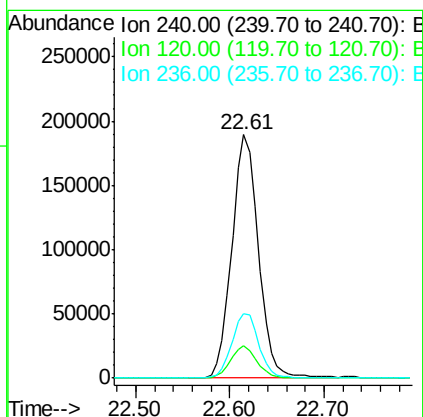
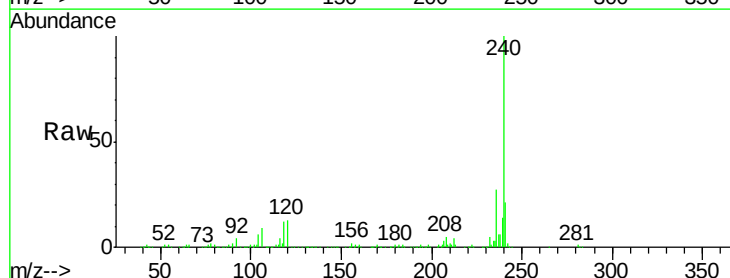
Instrument :
BNA_G
ClientSampleId :
RO-215

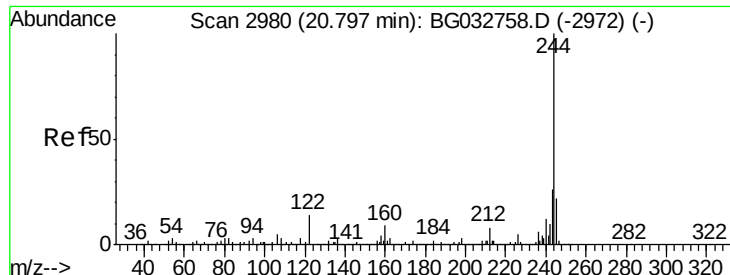
Tot Ion:188 Resp: 422500
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 11.4 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BG032911.D
Acq: 1 Mar 2018 7:11

Tgt Ion:240 Resp: 373677
Ion Ratio Lower Upper
240 100
120 13.3 6.8 10.2#
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 99.964 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032911.D

Acq: 1 Mar 2018 7:11

Instrument :

BNA_G

ClientSampleId :

RO-215

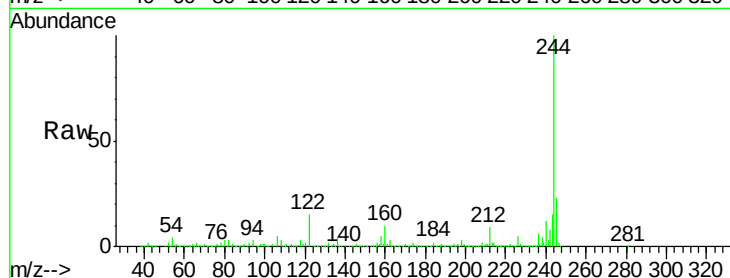
Tot Ion:244 Resp: 1662610

Ion Ratio Lower Upper

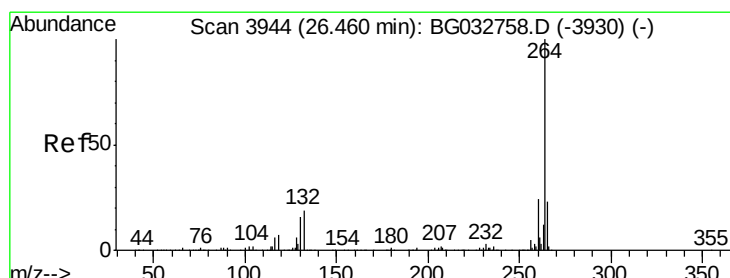
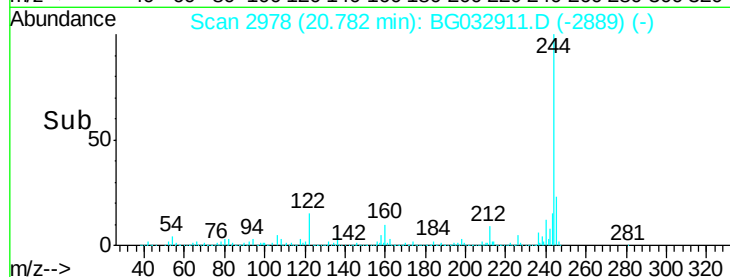
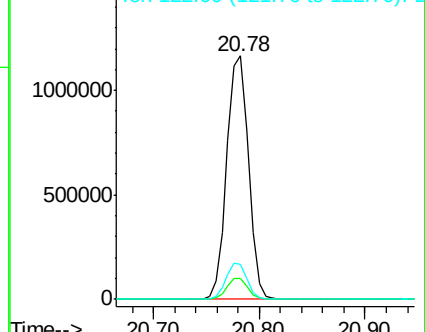
244 100

212 8.7 5.8 8.8

122 14.5 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

Perylene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032911.D

Acq: 1 Mar 2018 7:11

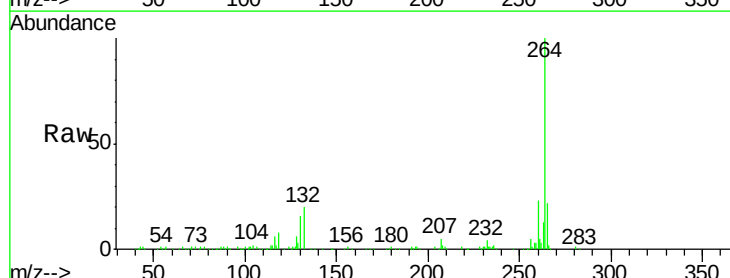
Tgt Ion:264 Resp: 362045

Ion Ratio Lower Upper

264 100

260 22.9 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

