

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032639.D
 Acq On : 9 Feb 2018 20:12
 Operator : SJ/JU
 Sample : J1512-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-3091

Quant Time: Feb 09 23:55:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

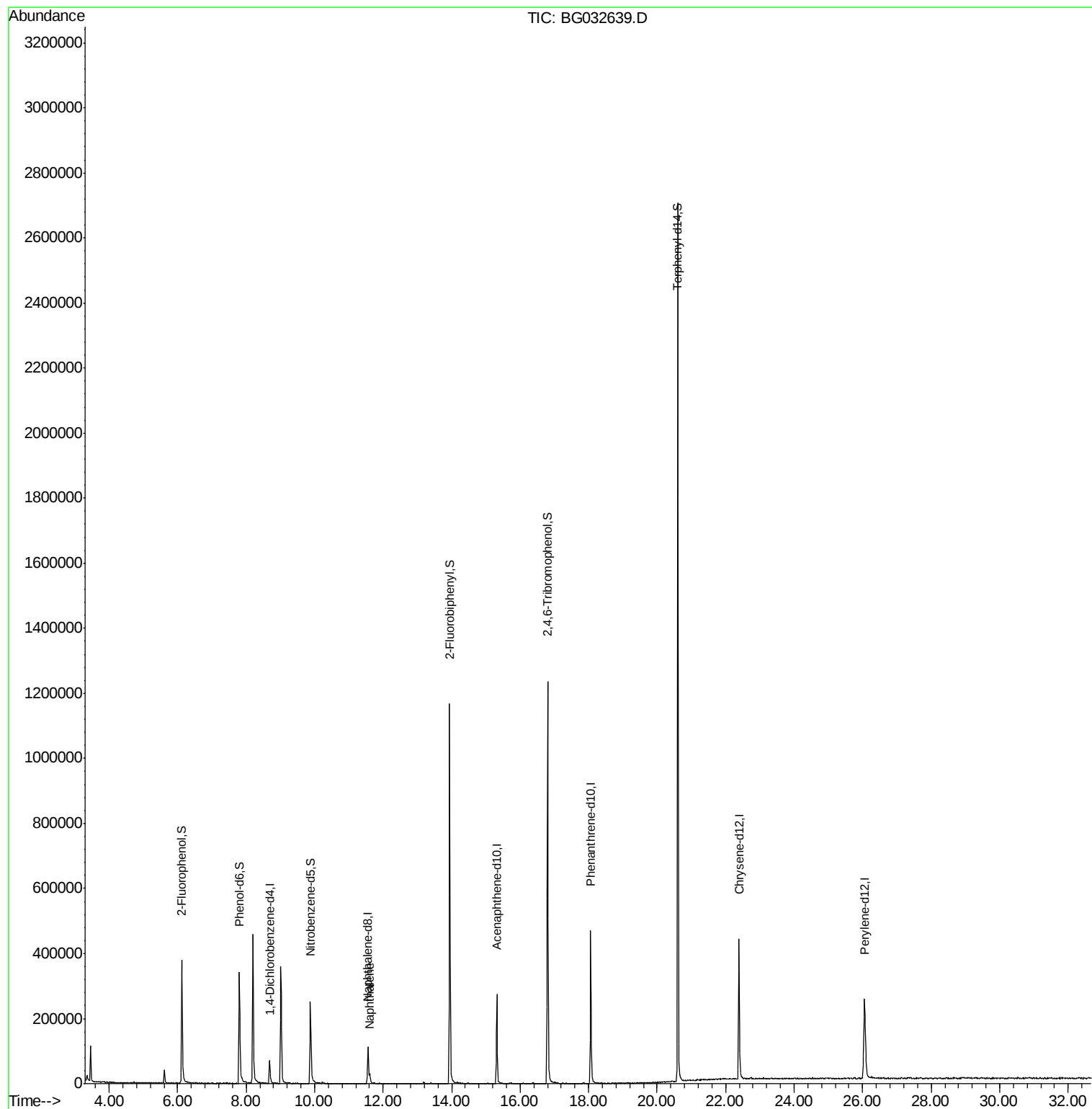
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	29061	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	124568	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	111519	20.00	ng	-0.03
63) Phenanthrene-d10	18.06	188	350897	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	353832	20.00	ng	-0.01
86) Perylene-d12	26.05	264	360772	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	202147	139.71	ng	-0.02
7) Phenol-d6	7.80	99	236757	122.63	ng	-0.02
23) Nitrobenzene-d5	9.88	82	190359	95.45	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	292278	137.69	ng	-0.01
44) 2-Fluorobiphenyl	13.94	172	722347	76.99	ng	-0.03
78) Terphenyl-d14	20.61	244	1528813	92.55	ng	0.00
Target Compounds						
31) Naphthalene	11.61	128	25308	4.160	ng	Qvalue 97

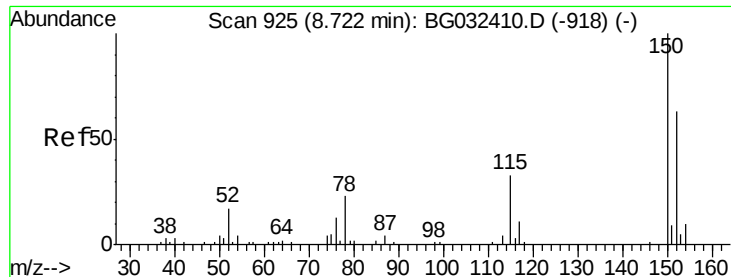
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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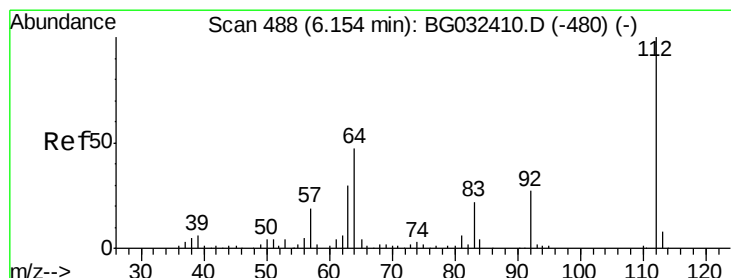
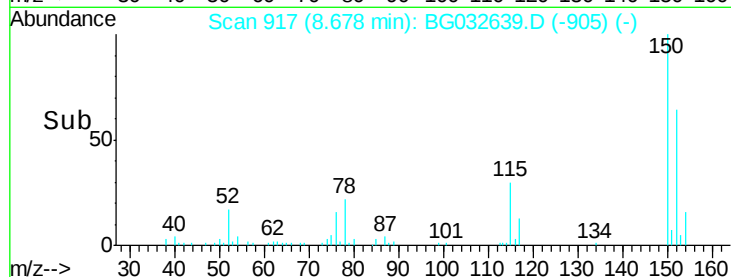
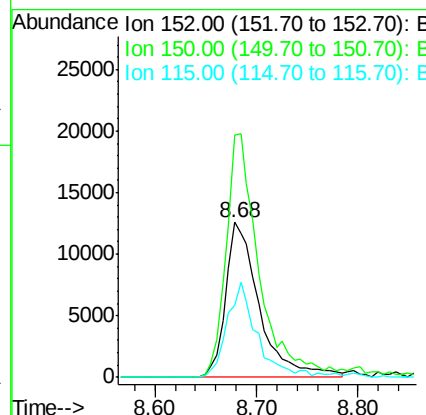
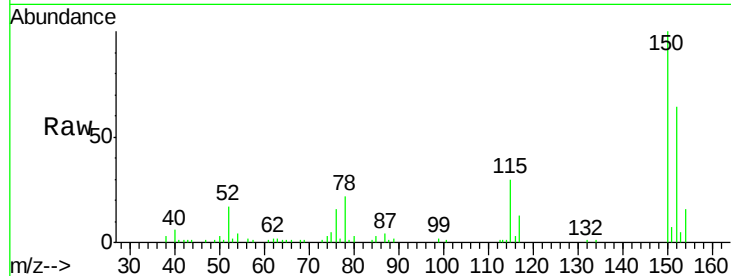




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.68 min Scan# 917
 Delta R.T. -0.03 min
 Lab File: BG032639.D
 Acq: 9 Feb 2018 20:12

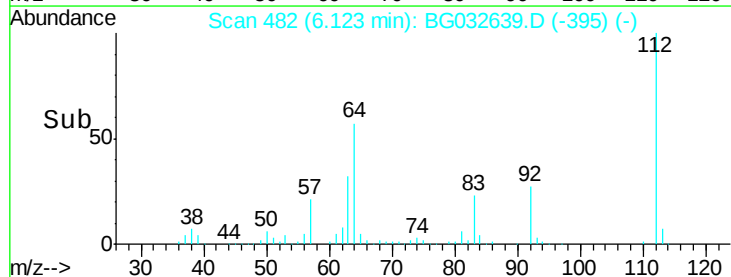
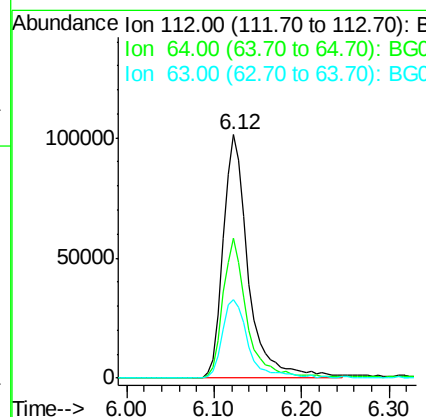
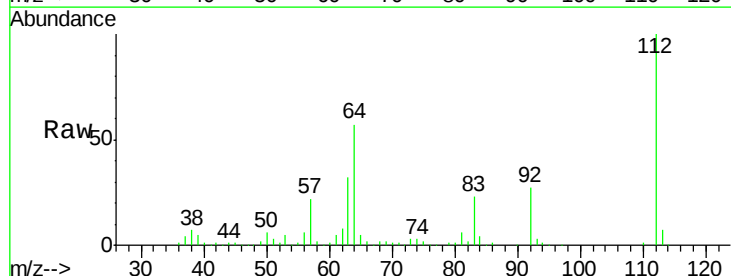
Instrument :
 BNA_G
 ClientSampleId :
 RO-3091

Tot Ion:152 Resp: 29061
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.6 189.8
 115 46.6 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 139.714 ng
 RT: 6.12 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BG032639.D
 Acq: 9 Feb 2018 20:12

Tgt Ion:112 Resp: 202147
 Ion Ratio Lower Upper
 112 100
 64 57.3 56.3 84.5
 63 32.1 30.1 45.1





#7

Phenol-d6

Concen: 122.627 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032639.D

Acq: 9 Feb 2018 20:12

Instrument :

BNA_G

ClientSampleId :

RO-3091

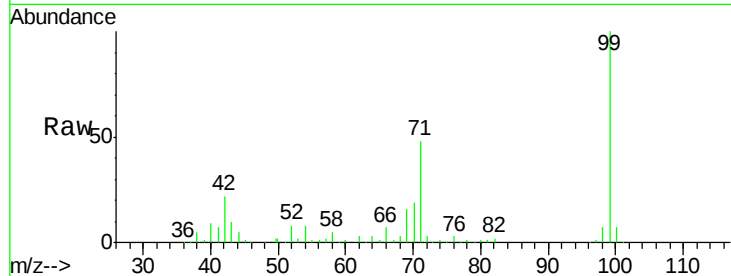
Tot Ion: 99 Resp: 236757

Ion Ratio Lower Upper

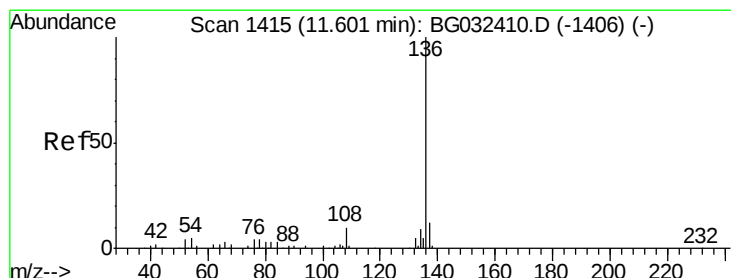
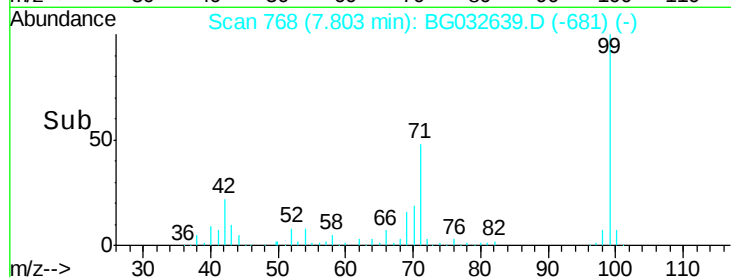
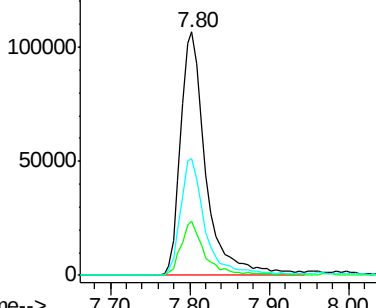
99 100

42 22.2 14.1 21.1#

71 47.9 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: 11.56 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BG032639.D

Acq: 9 Feb 2018 20:12

Tgt Ion: 136 Resp: 124568

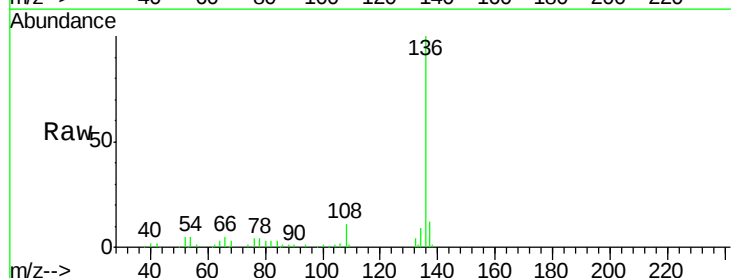
Ion Ratio Lower Upper

136 100

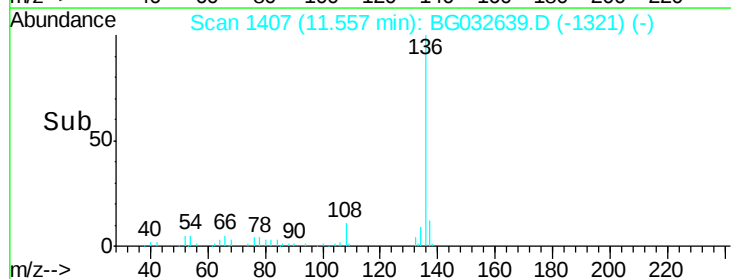
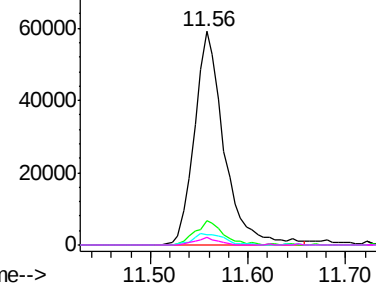
137 11.5 9.2 13.8

54 4.7 10.3 15.5#

68 3.4 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

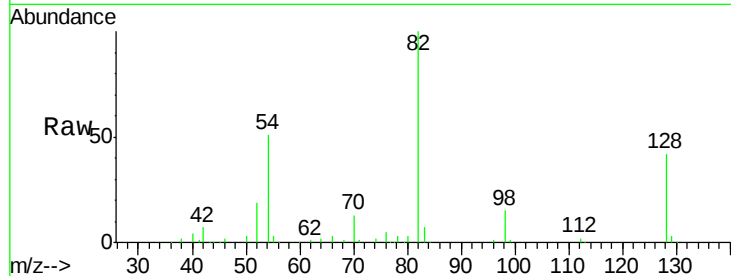




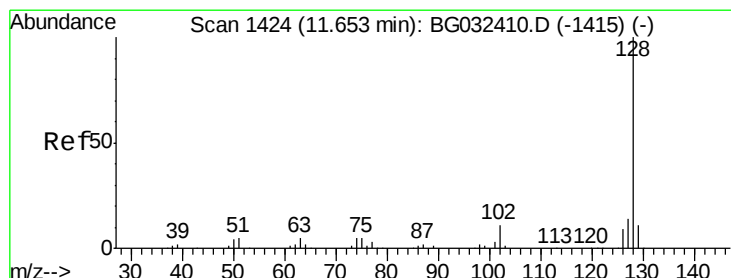
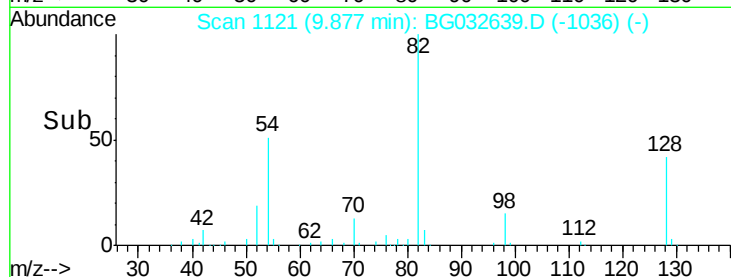
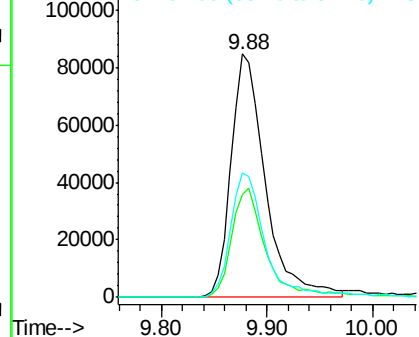
#23
 Nitrobenzene-d5
 Concen: 95.449 ng
 RT: 9.88 min Scan# 1121
 Delta R.T. -0.03 min
 Lab File: BG032639.D
 Acq: 9 Feb 2018 20:12

Instrument :
 BNA_G
 ClientSampleId :
 RO-3091

Tot Ion	82	Resp	190359
Ion Ratio	Lower	Upper	
82	100		
128	42.4	29.7	44.5
54	50.9	43.1	64.7

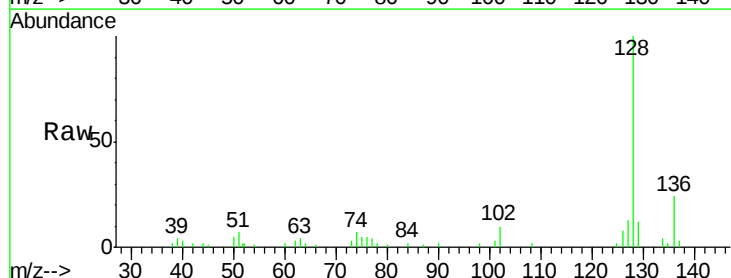


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

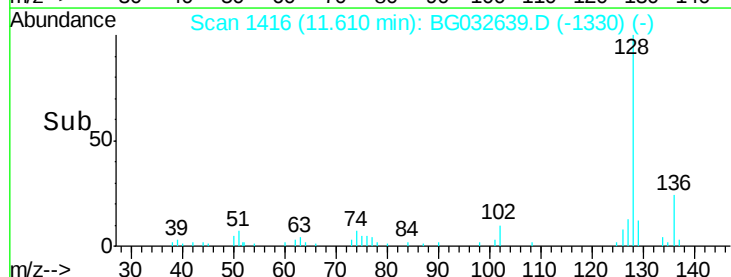
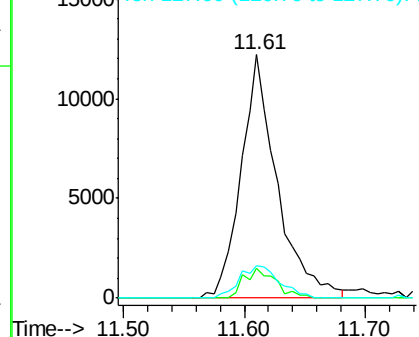


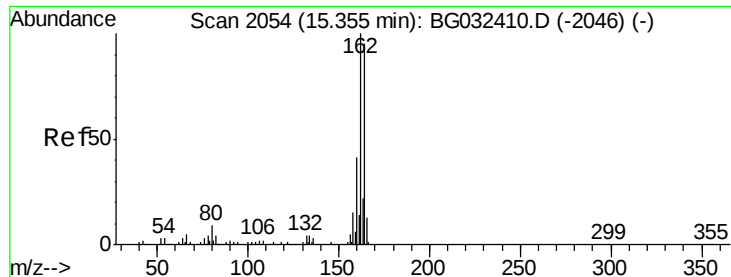
#31
 Naphthalene
 Concen: 4.160 ng
 RT: 11.61 min Scan# 1416
 Delta R.T. -0.03 min
 Lab File: BG032639.D
 Acq: 9 Feb 2018 20:12

Tgt Ion	128	Resp	25308
Ion Ratio	Lower	Upper	
128	100		
129	12.2	8.6	12.8
127	13.3	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: 15.32 min Scan# 2047

Delta R.T. -0.03 min

Lab File: BG032639.D

Acq: 9 Feb 2018 20:12

Instrument :

BNA_G

ClientSampleId :

RO-3091

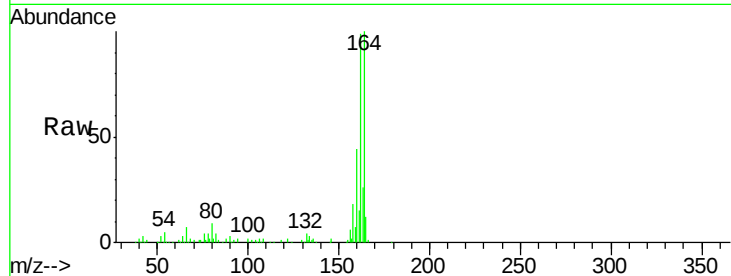
Tot Ion:164 Resp: 111519

Ion Ratio Lower Upper

164 100

162 98.8 78.8 118.2

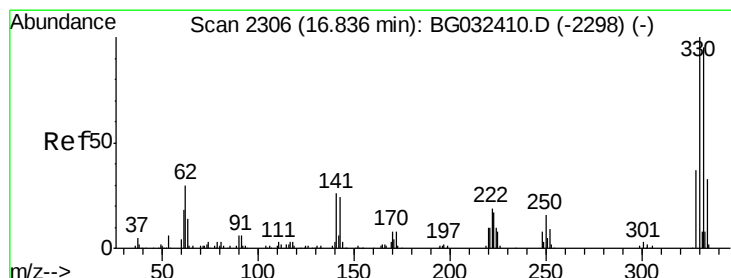
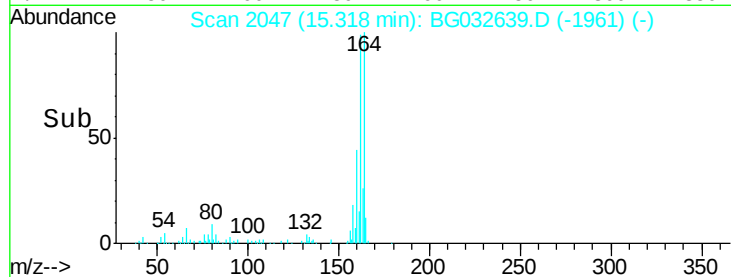
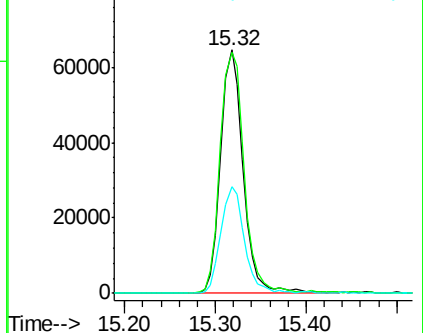
160 43.8 35.4 53.0



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: 137.687 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG032639.D

Acq: 9 Feb 2018 20:12

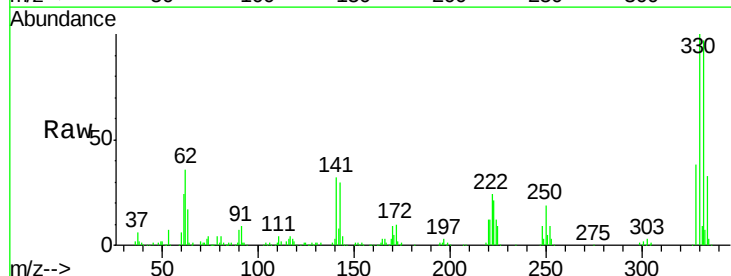
Tgt Ion:330 Resp: 292278

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

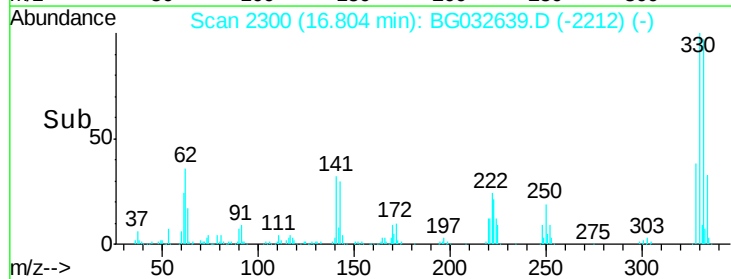
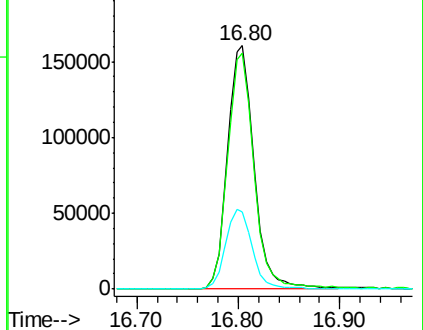
141 33.0 25.2 37.8

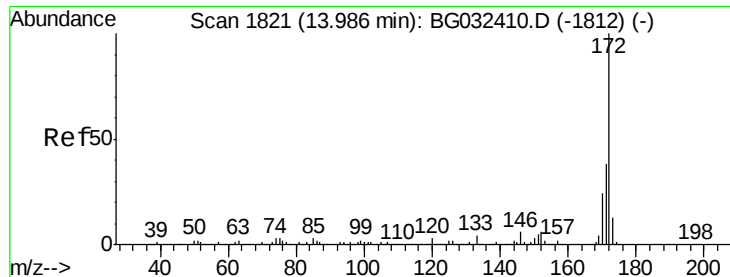


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

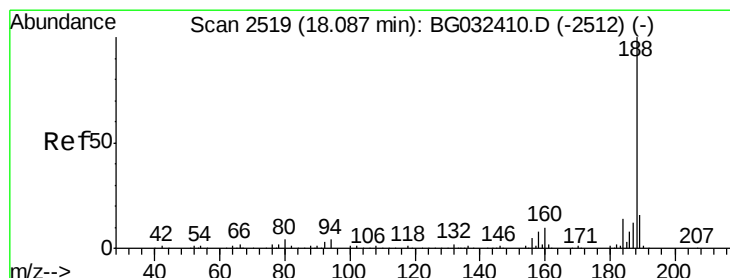
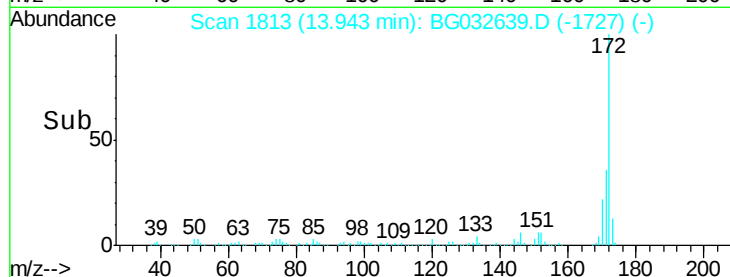
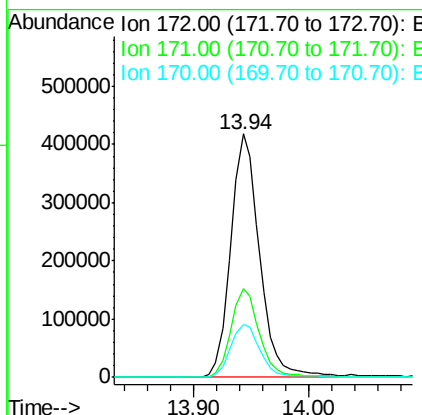
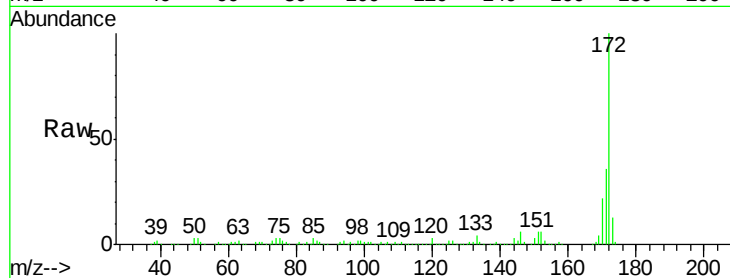




#44
 2-Fluorobiphenyl
 Concen: 76.988 ng
 RT: 13.94 min Scan# 1813
 Delta R.T. -0.03 min
 Lab File: BG032639.D
 Acq: 9 Feb 2018 20:12

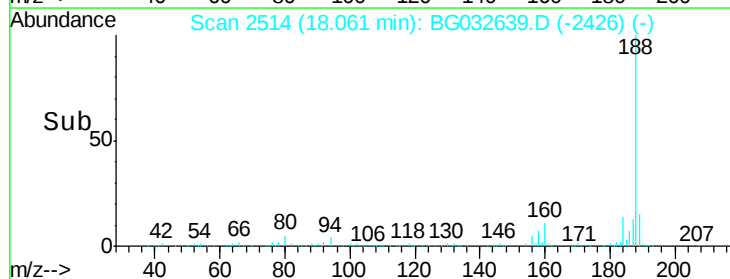
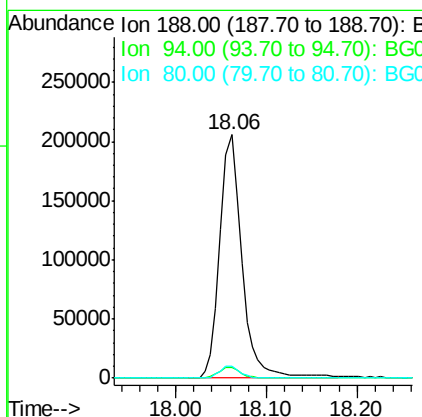
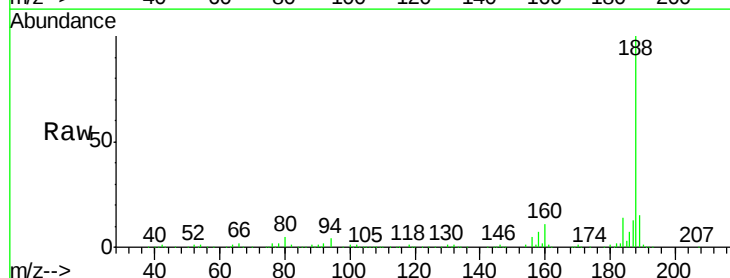
Instrument :
 BNA_G
 ClientSampled :
 RO-3091

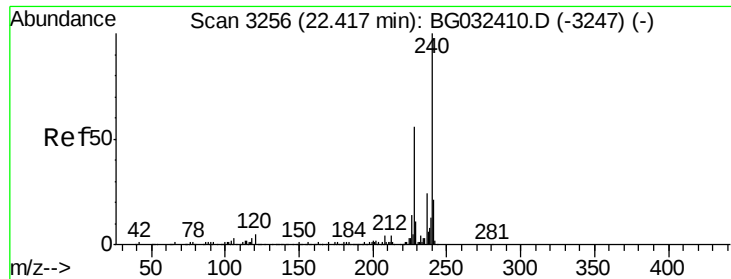
Tot Ion:172 Resp: 722347
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 21.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.06 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG032639.D
 Acq: 9 Feb 2018 20:12

Tgt Ion:188 Resp: 350897
 Ion Ratio Lower Upper
 188 100
 94 4.1 6.9 10.3#
 80 4.8 7.7 11.5#

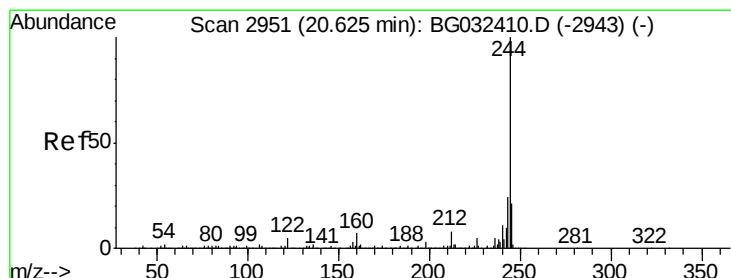
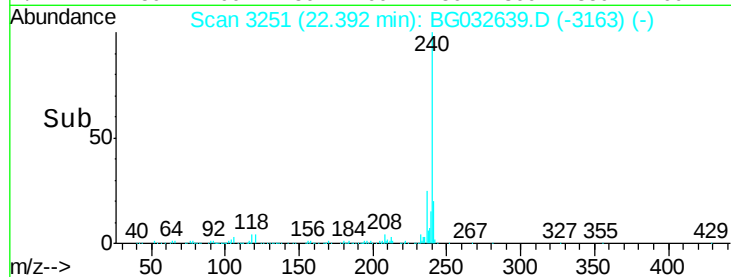
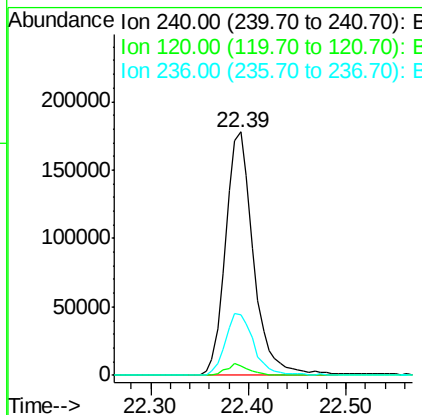
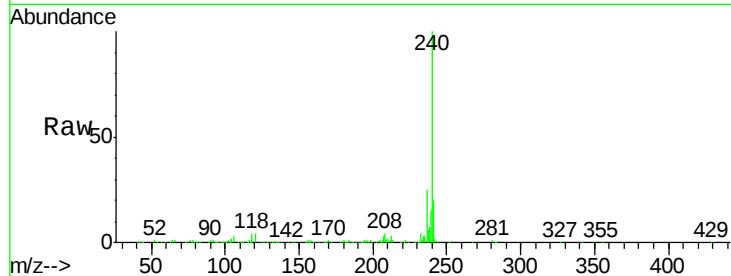




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032639.D
Acq: 9 Feb 2018 20:12

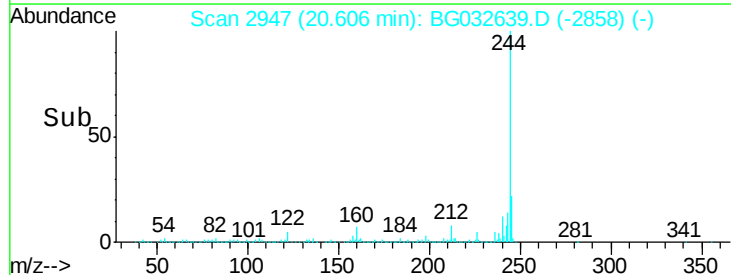
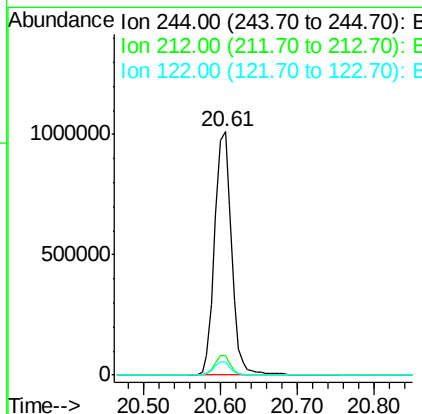
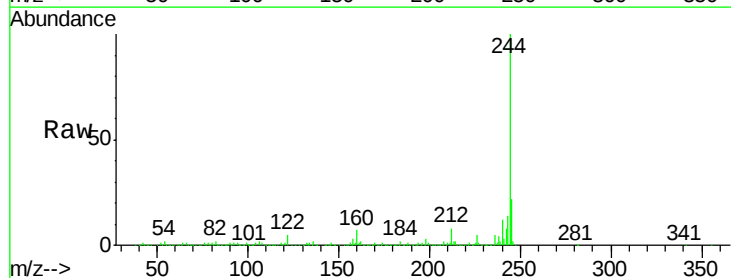
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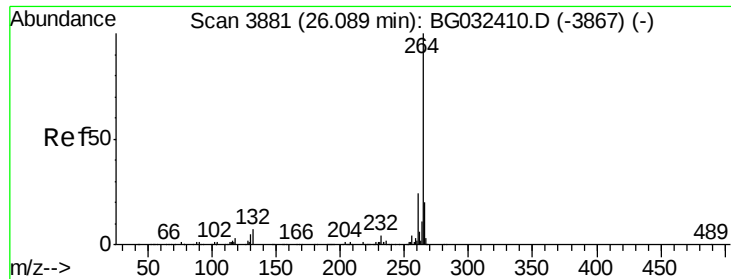
Tot Ion:240 Resp: 353832
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 25.0 20.9 31.3



#78
Terphenyl-d14
Concen: 92.554 ng
RT: 20.61 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032639.D
Acq: 9 Feb 2018 20:12

Tgt Ion:244 Resp: 1528813
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 5.4 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.05 min Scan# 3874
 Delta R.T. -0.01 min
 Lab File: BG032639.D
 Acq: 9 Feb 2018 20:12

Instrument :
 BNA_G
 ClientSampleId :
 RO-3091

Tot Ion:264 Resp: 360772
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 20.0 17.7 26.5

