

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033471.D
 Acq On : 31 Mar 2018 6:51
 Operator : SJ/JU
 Sample : J2142-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GB-RT-4632

Quant Time: Apr 02 02:00:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

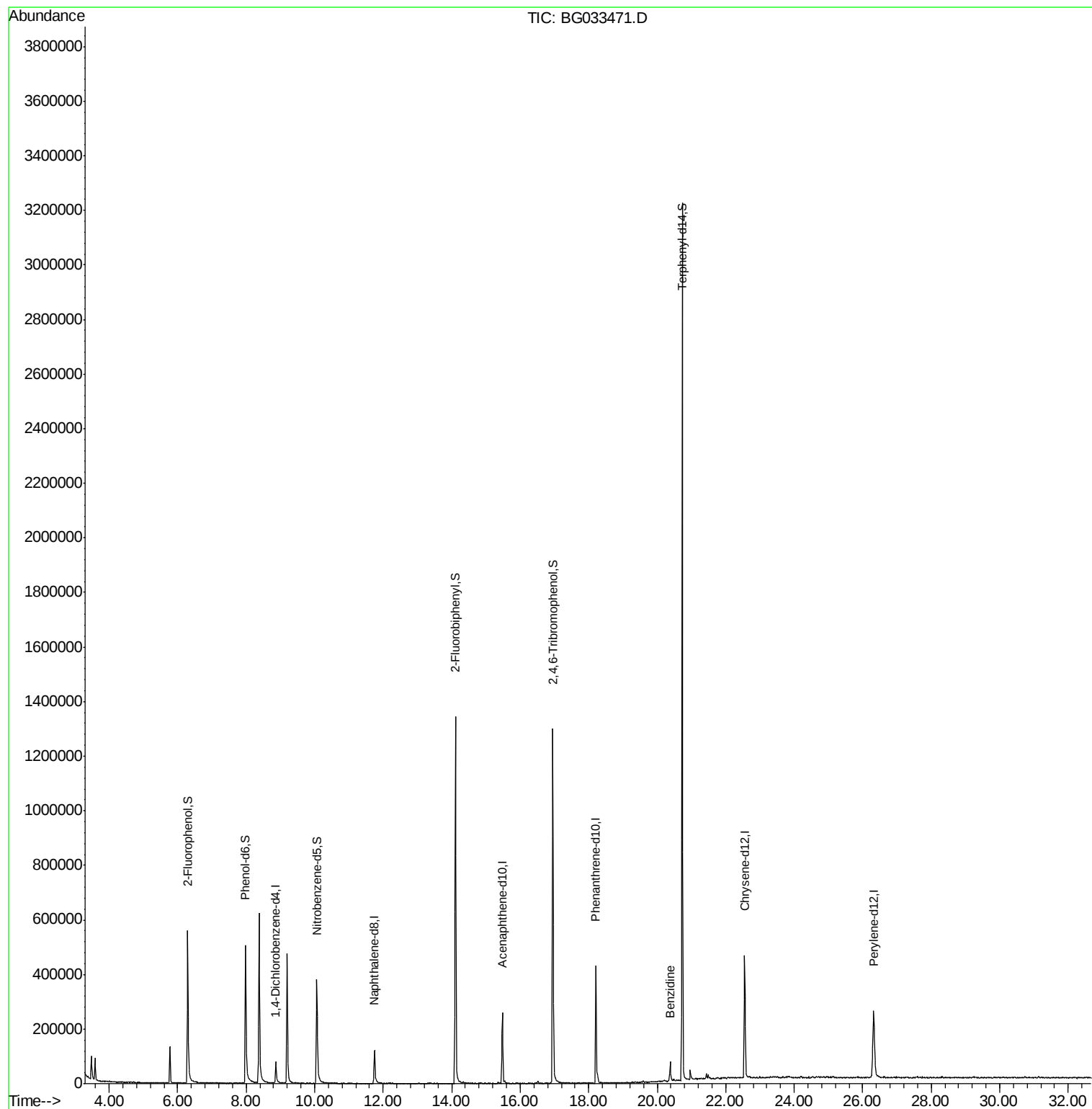
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29191	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	127420	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104279	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	314939	20.00	ng	0.00
75) Chrysene-d12	22.56	240	336599	20.00	ng	0.00
86) Perylene-d12	26.32	264	351467	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	272319	174.93	ng	0.00
7) Phenol-d6	7.98	99	379035	141.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	301093	108.57	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	275239	176.48	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	770637	106.69	ng	0.00
78) Terphenyl-d14	20.73	244	1638261	104.09	ng	0.00
Target Compounds						
76) Benzidine	20.37	184	42008	4.602	ng	Qvalue 98

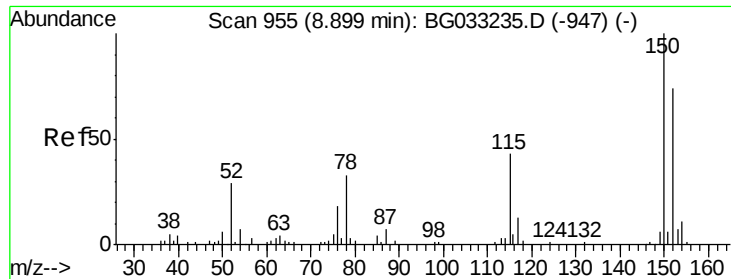
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG033471.D

Acq: 31 Mar 2018 6:51

Instrument :

BNA_G

ClientSampleId :

GB-RT-4632

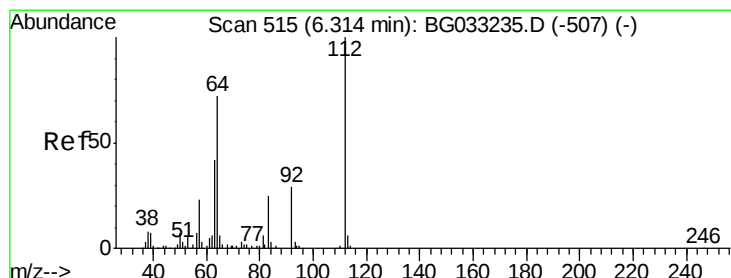
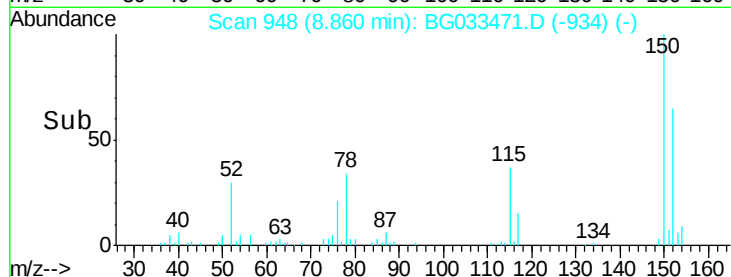
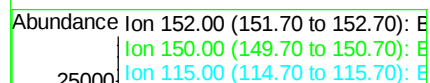
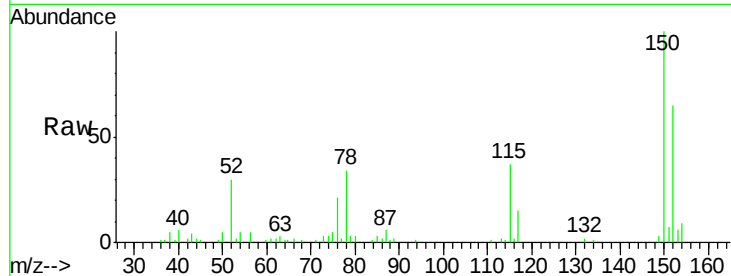
Tot Ion:152 Resp: 29191

Ion Ratio Lower Upper

152 100

150 154.0 126.6 189.8

115 57.6 53.0 79.4



#5

2-Fluorophenol

Concen: 174.928 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033471.D

Acq: 31 Mar 2018 6:51

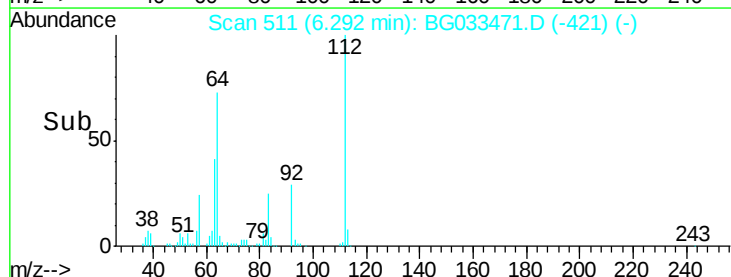
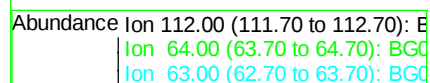
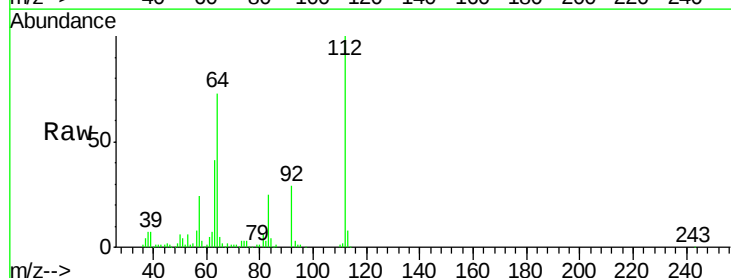
Tgt Ion:112 Resp: 272319

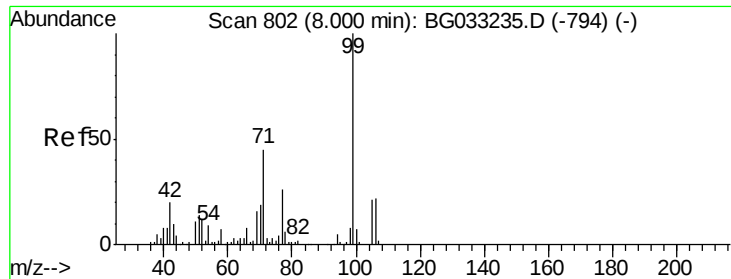
Ion Ratio Lower Upper

112 100

64 73.3 56.3 84.5

63 40.5 30.1 45.1





#7

Phenol-d6

Concen: 141.705 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033471.D

Acq: 31 Mar 2018 6:51

Instrument :

BNA_G

ClientSampleId :

GB-RT-4632

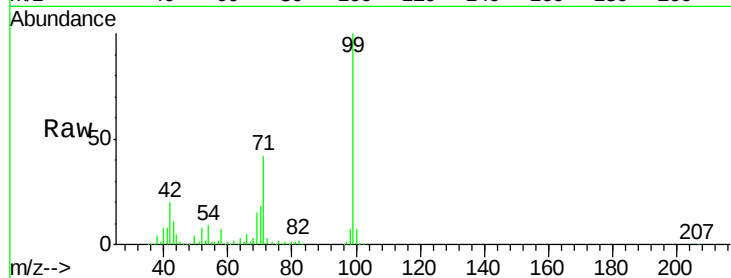
Tot Ion: 99 Resp: 379035

Ion Ratio Lower Upper

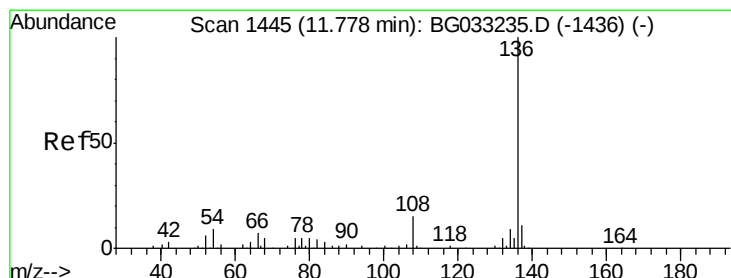
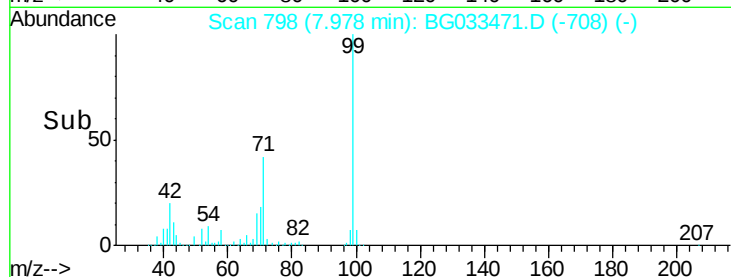
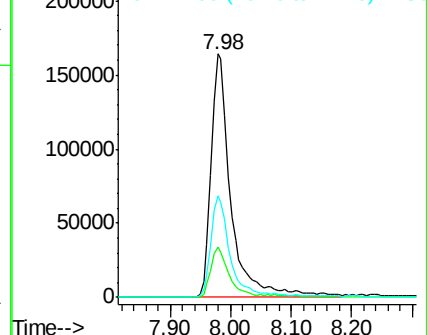
99 100

42 20.5 14.1 21.1

71 41.6 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033471.D

Acq: 31 Mar 2018 6:51

Tgt Ion: 136 Resp: 127420

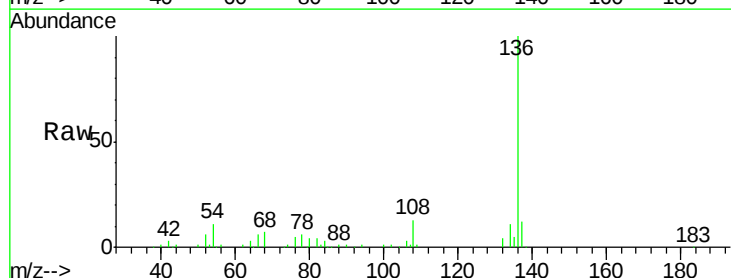
Ion Ratio Lower Upper

136 100

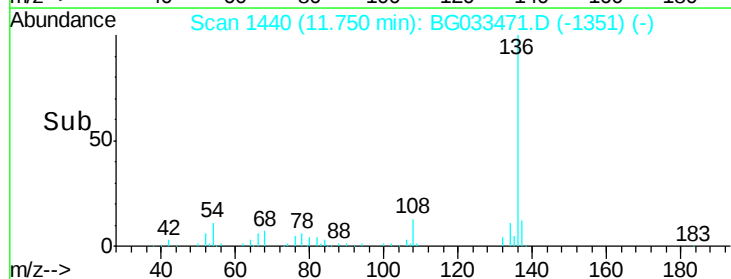
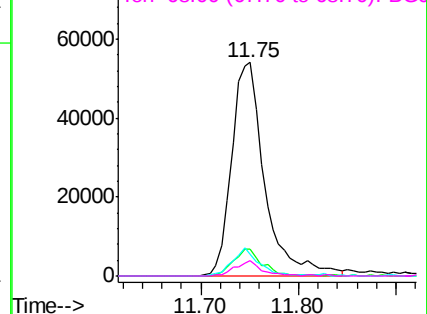
137 12.5 9.2 13.8

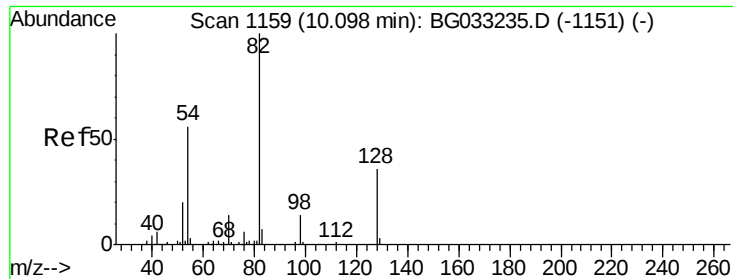
54 10.5 10.3 15.5

68 7.0 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

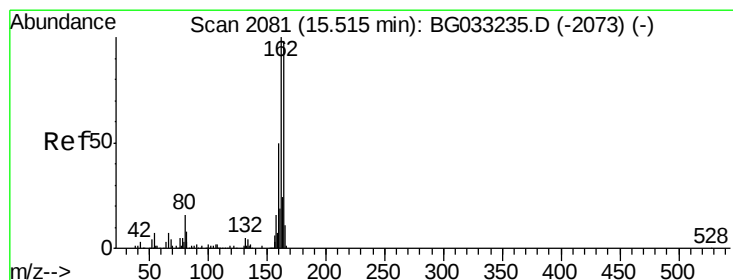
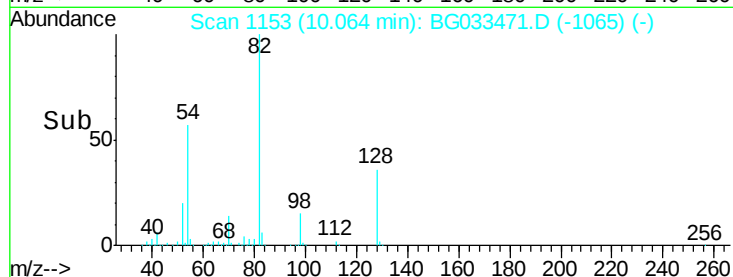
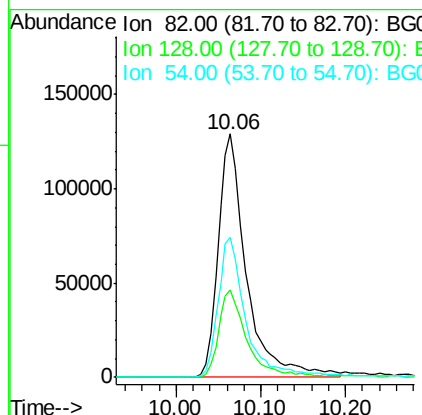
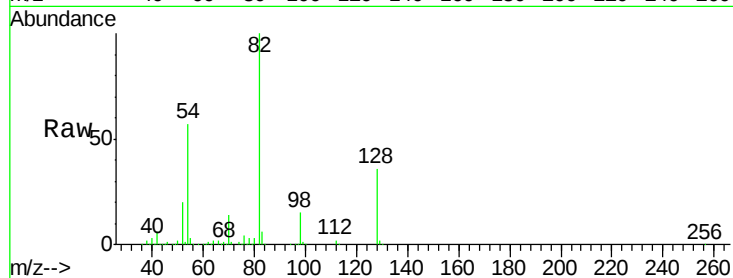




#23
 Nitrobenzene-d5
 Concen: 108.566 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033471.D
 Acq: 31 Mar 2018 6:51

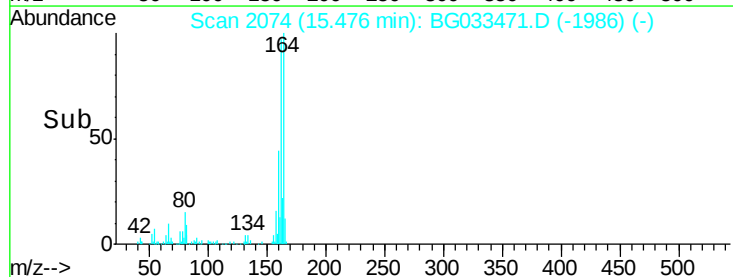
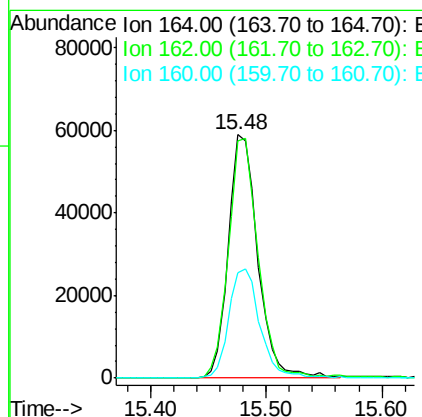
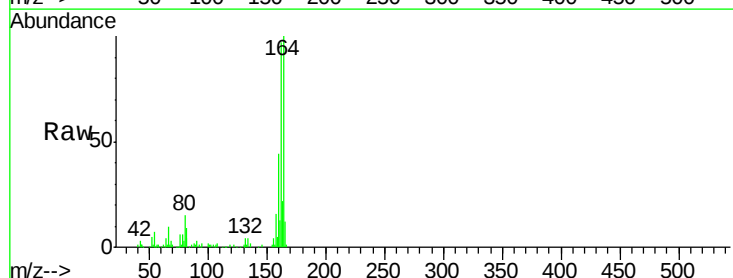
Instrument :
 BNA_G
 ClientSampleId :
 GB-RT-4632

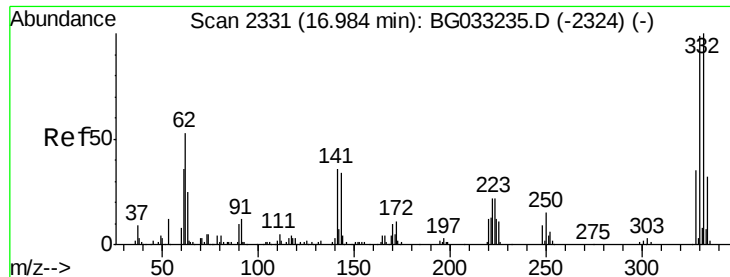
Tot Ion	82	Resp	301093
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.7	44.5
54	57.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033471.D
 Acq: 31 Mar 2018 6:51

Tgt Ion	164	Resp	104279
Ion Ratio	Lower	Upper	
164	100		
162	97.4	78.8	118.2
160	43.5	35.4	53.0

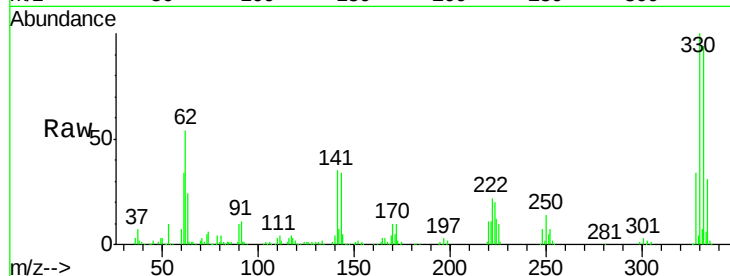




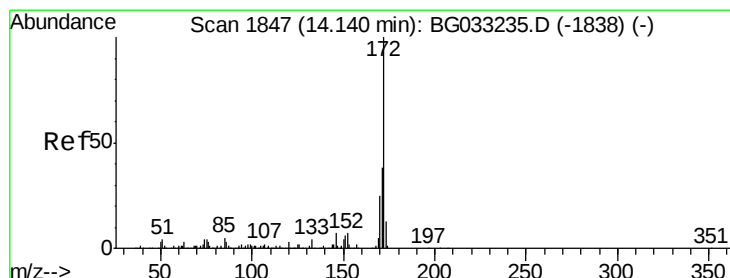
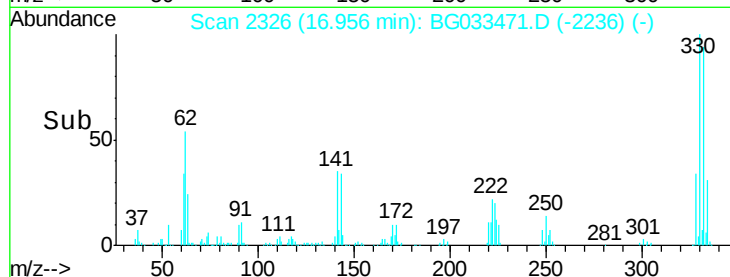
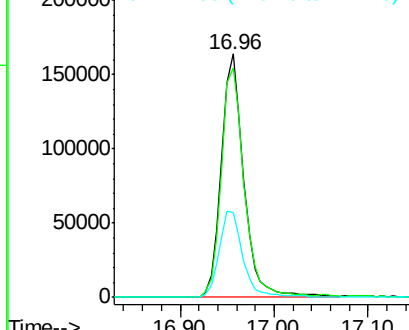
#41
 2,4,6-Tribromophenol
 Concen: 176.479 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033471.D
 Acq: 31 Mar 2018 6:51

Instrument :
 BNA_G
 ClientSampleId :
 GB-RT-4632

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.6	25.2	37.8

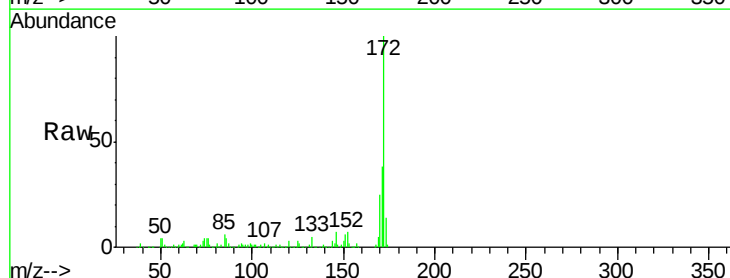


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

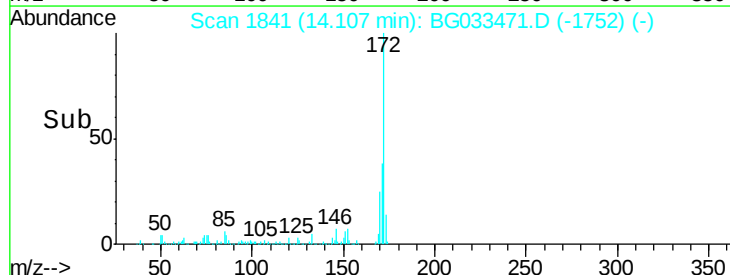
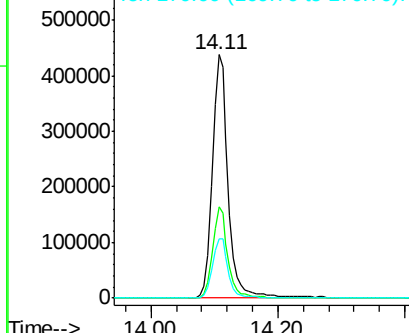


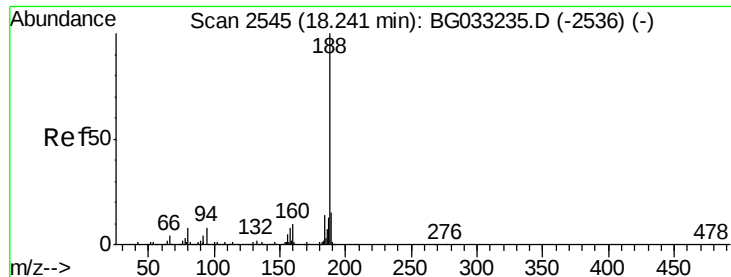
#44
 2-Fluorobiphenyl
 Concen: 106.687 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033471.D
 Acq: 31 Mar 2018 6:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.5	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

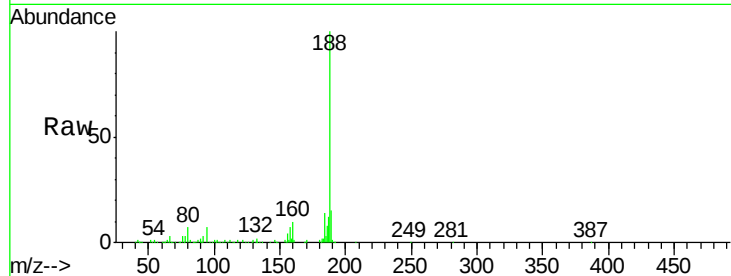




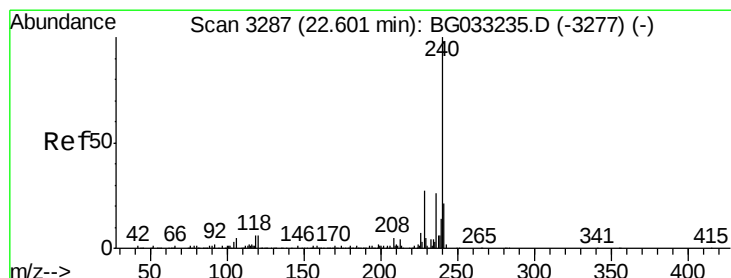
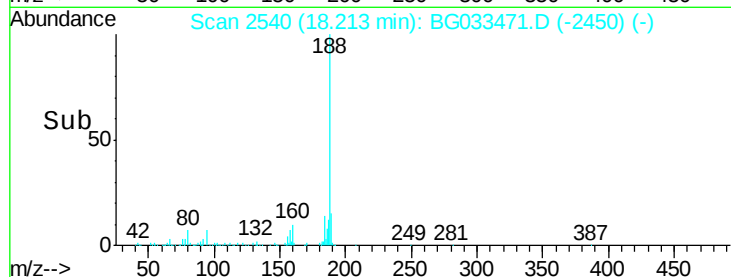
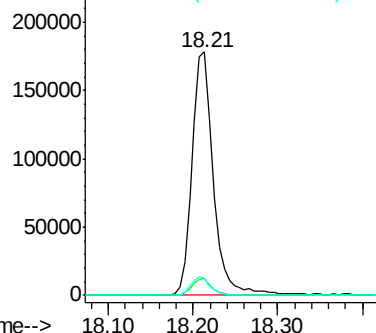
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Instrument :
BNA_G
ClientSampleId :
GB-RT-4632

Tot Ion:188 Resp: 314939
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.2 7.7 11.5#

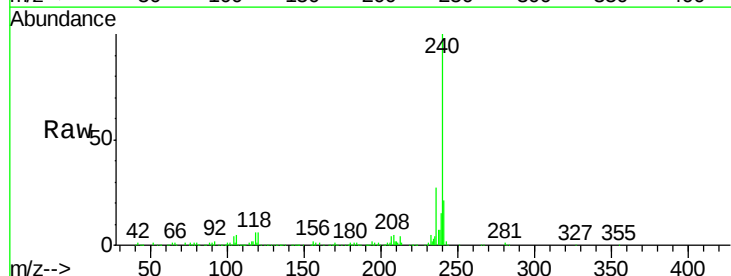


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

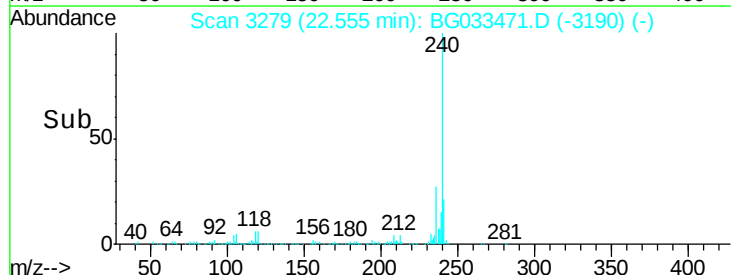
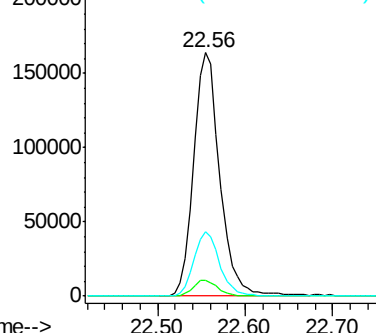


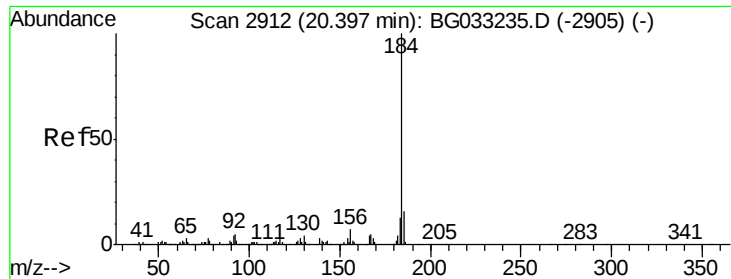
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Tgt Ion:240 Resp: 336599
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.5 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

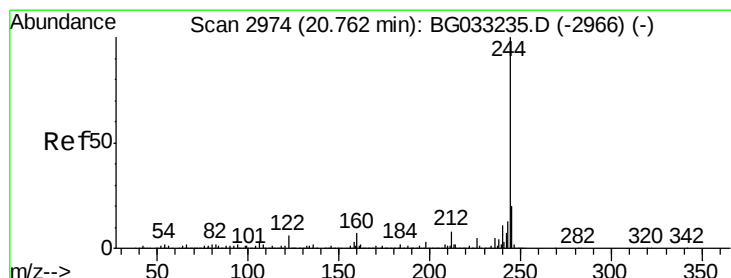
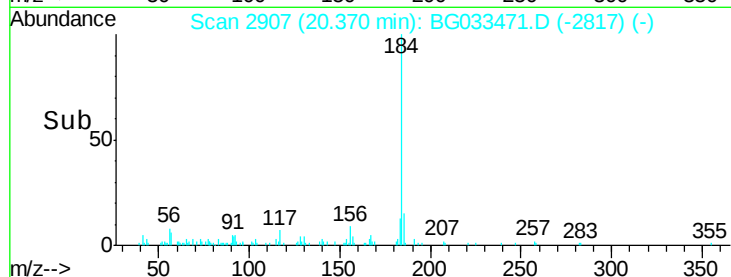
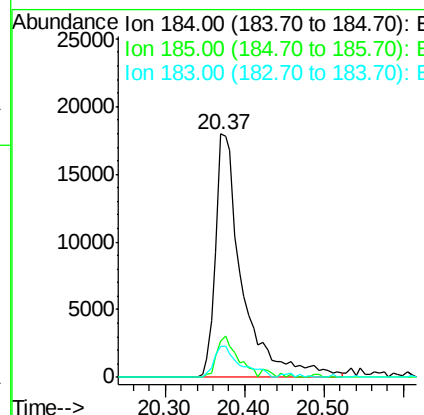
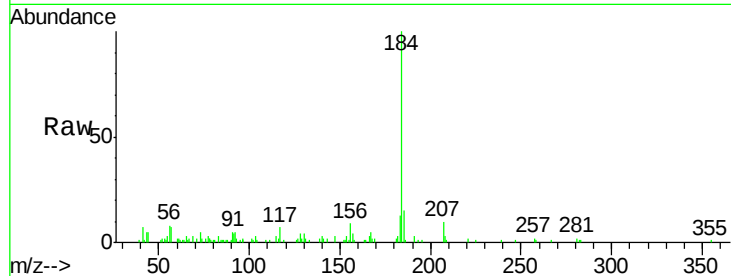




#76
Benzidine
Concen: 4.602 ng
RT: 20.37 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

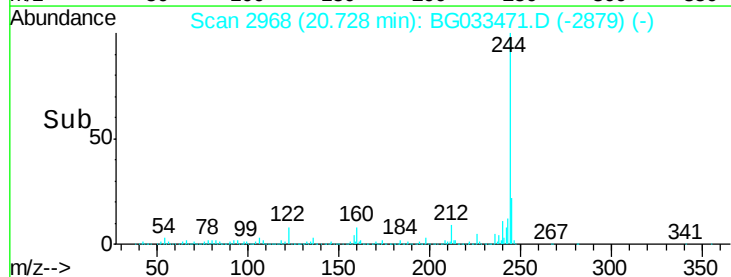
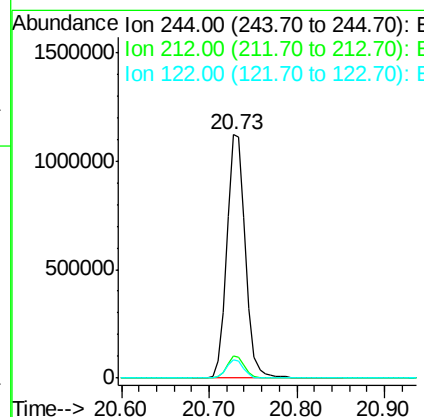
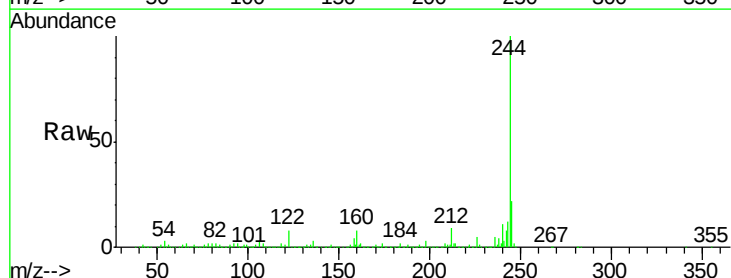
Instrument :
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GB-RT-4632

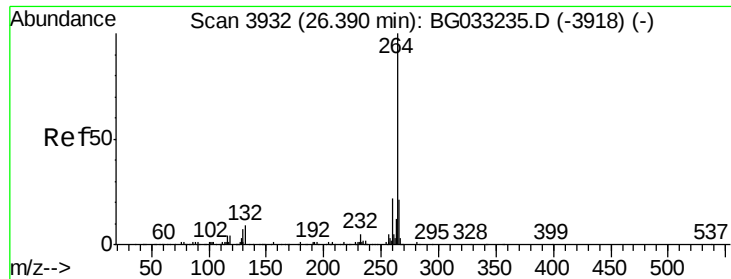
Tot Ion:184 Resp: 42008
Ion Ratio Lower Upper
184 100
185 14.9 11.1 16.7
183 12.6 10.6 16.0



#78
Terphenyl-d14
Concen: 104.088 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Tgt Ion:244 Resp: 1638261
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.8#
122 7.7 7.0 10.4

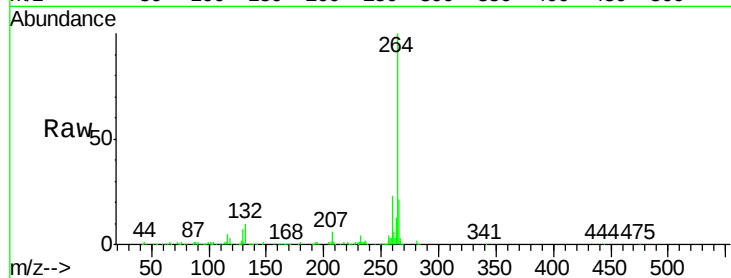




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033471.D
Acq: 31 Mar 2018 6:51

Instrument :
BNA_G
ClientSampleId :
GB-RT-4632

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.5	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

