

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034143.D
 Acq On : 3 May 2018 9:31
 Operator : SJ/JU
 Sample : J2665-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ES-RT-1871

Quant Time: May 03 11:59:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68665	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	268481	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	212712	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	641420	20.00	ng	0.00
75) Chrysene-d12	21.76	240	752489	20.00	ng	0.00
86) Perylene-d12	25.06	264	733490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	571094	134.37	ng	0.00
7) Phenol-d6	7.22	99	762659	115.27	ng	0.00
23) Nitrobenzene-d5	9.23	82	660510	94.39	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	448926	152.41	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1355040	92.83	ng	0.00
78) Terphenyl-d14	20.09	244	2970237	86.47	ng	0.00

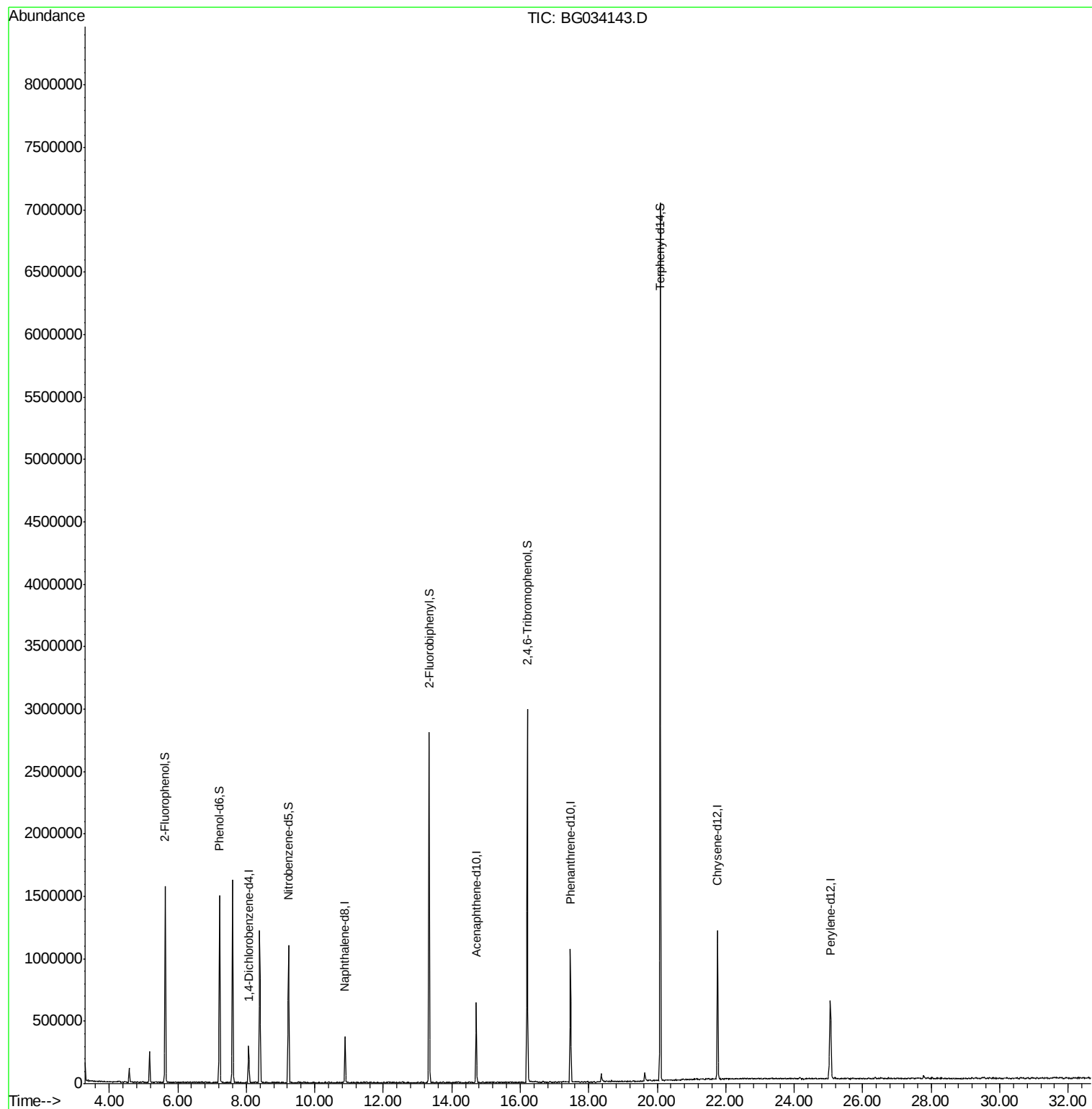
Target Compounds Qvalue

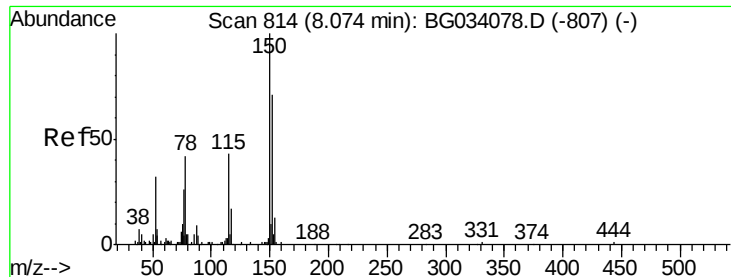
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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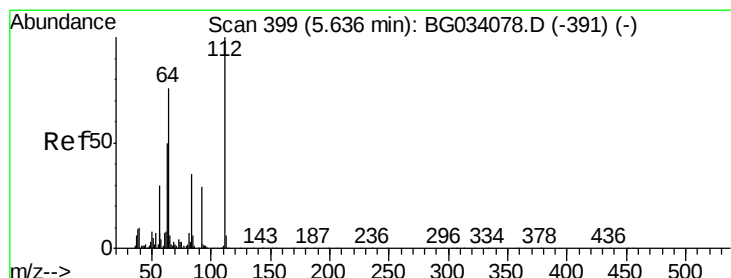
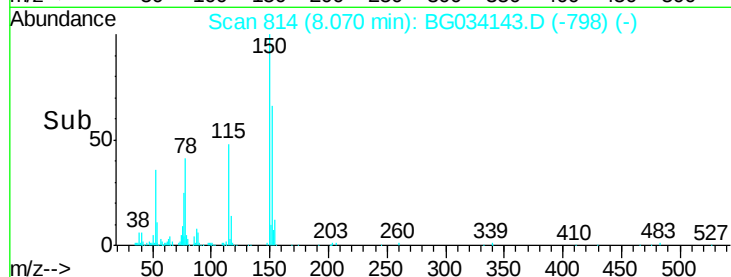
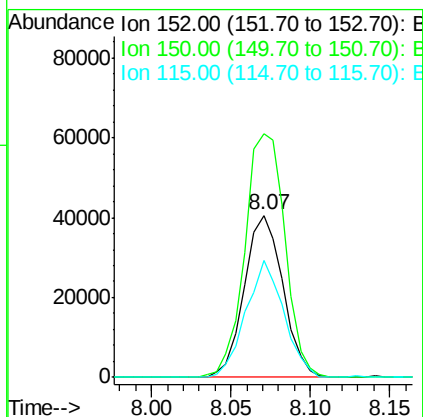
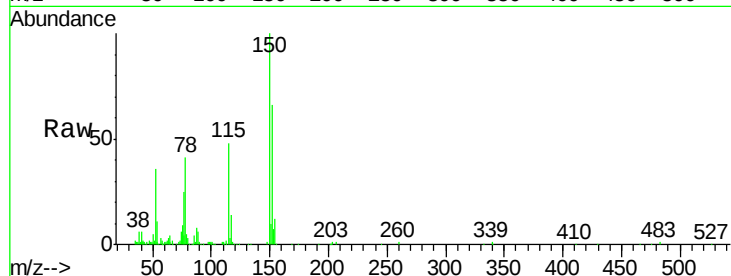


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034143.D
Acq: 3 May 2018 9:31

Instrument :
BNA_G
ClientSampleId :
ES-RT-1871

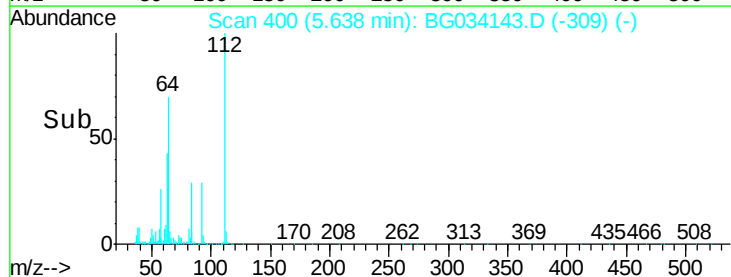
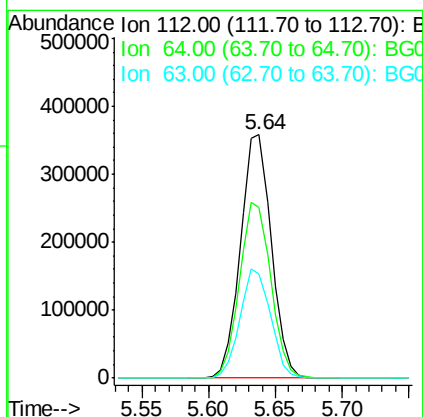
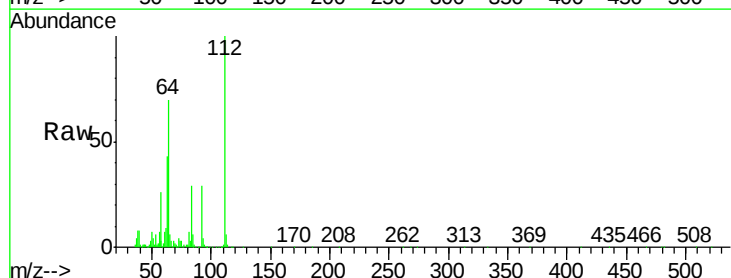
Tot Ion:152 Resp: 68665
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 72.5 53.0 79.4

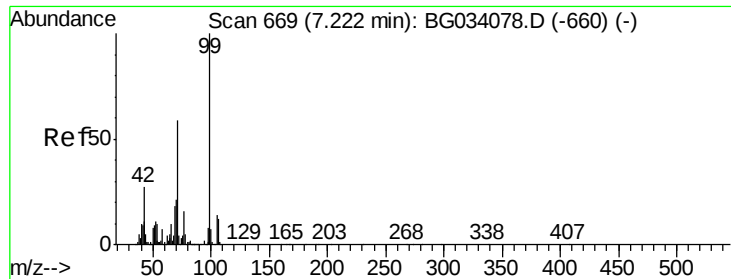


#5

2-Fluorophenol
Concen: 134.374 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG034143.D
Acq: 3 May 2018 9:31

Tgt Ion:112 Resp: 571094
Ion Ratio Lower Upper
112 100
64 70.1 56.3 84.5
63 42.6 30.1 45.1





#7

Phenol-d6

Concen: 115.266 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034143.D

Acq: 3 May 2018 9:31

Instrument :

BNA_G

ClientSampleId :

ES-RT-1871

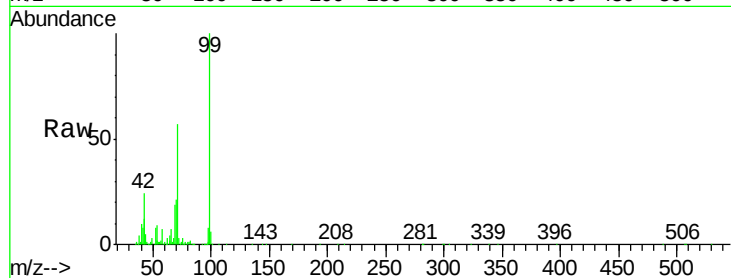
Tot Ion: 99 Resp: 762659

Ion Ratio Lower Upper

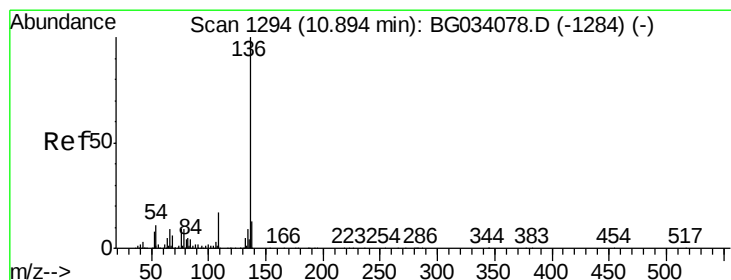
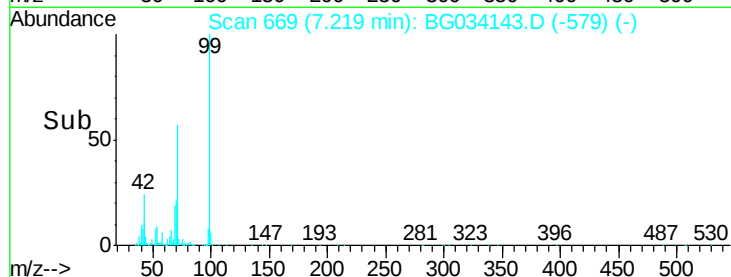
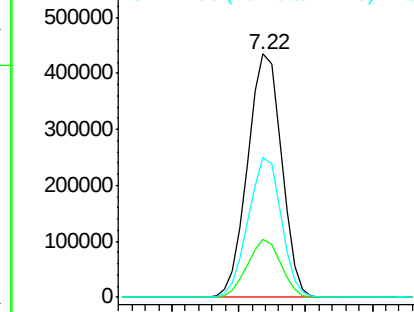
99 100

42 23.8 14.1 21.1#

71 57.5 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: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034143.D

Acq: 3 May 2018 9:31

Tgt Ion: 136 Resp: 268481

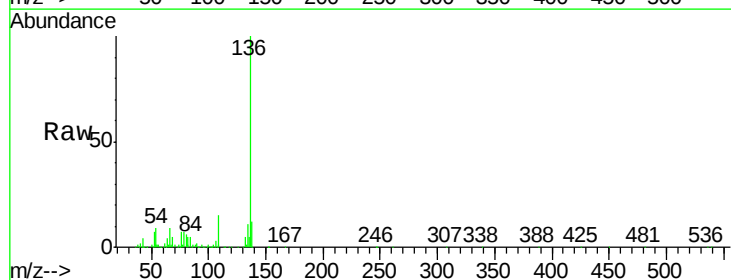
Ion Ratio Lower Upper

136 100

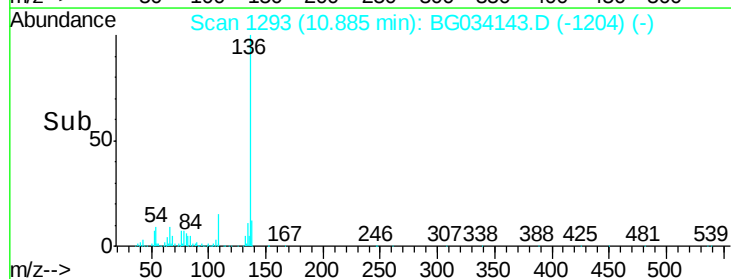
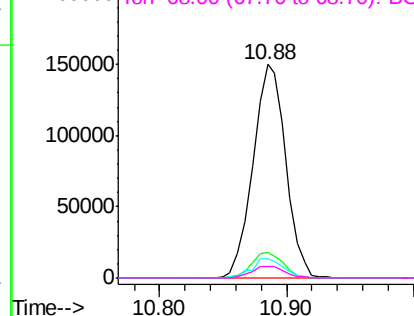
137 12.1 9.2 13.8

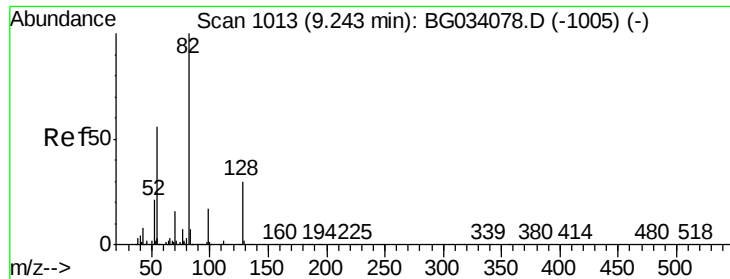
54 9.3 10.3 15.5#

68 5.2 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

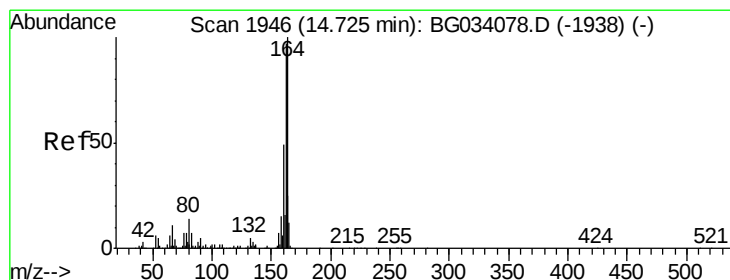
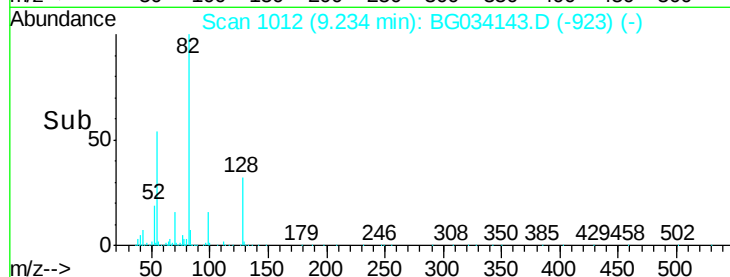
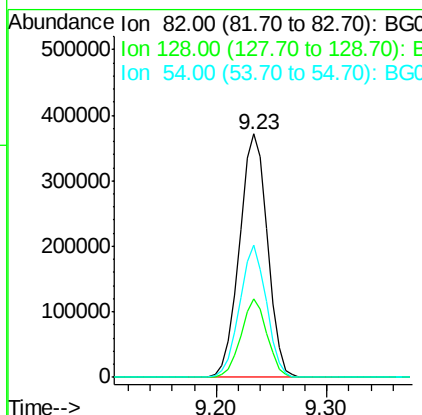
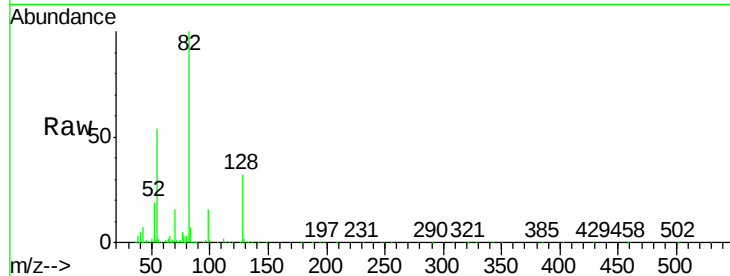




#23
 Nitrobenzene-d5
 Concen: 94.392 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

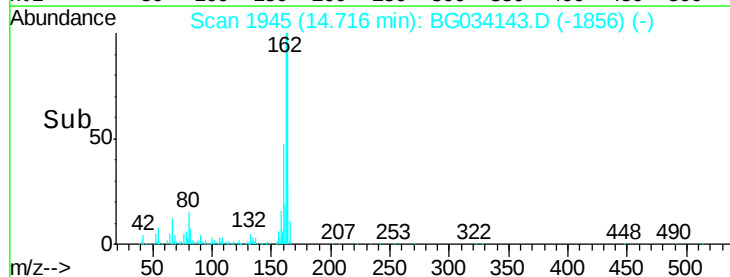
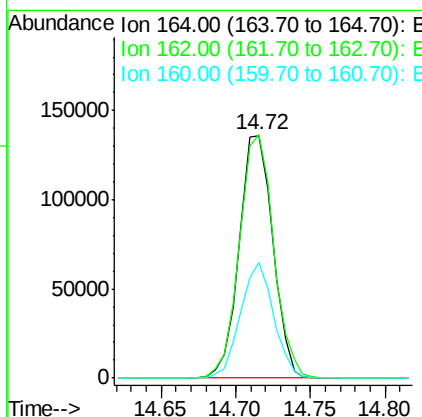
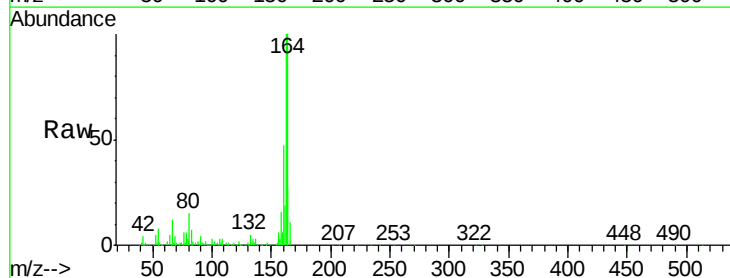
Instrument :
 BNA_G
 ClientSampleId :
 ES-RT-1871

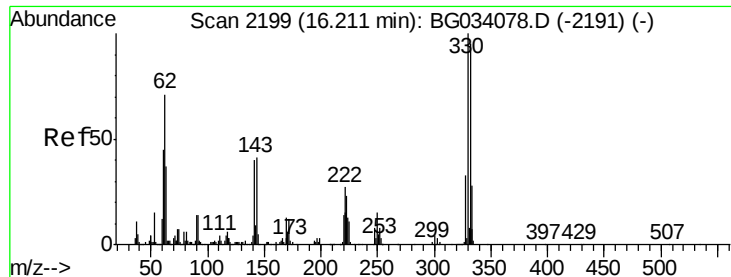
Tot Ion	82	Resp	660510
Ion Ratio	Lower	Upper	
82	100		
128	32.1	29.7	44.5
54	54.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG034143.D
 Acq: 3 May 2018 9:31

Tgt Ion	164	Resp	212712
Ion Ratio	Lower	Upper	
164	100		
162	100.3	78.8	118.2
160	47.4	35.4	53.0

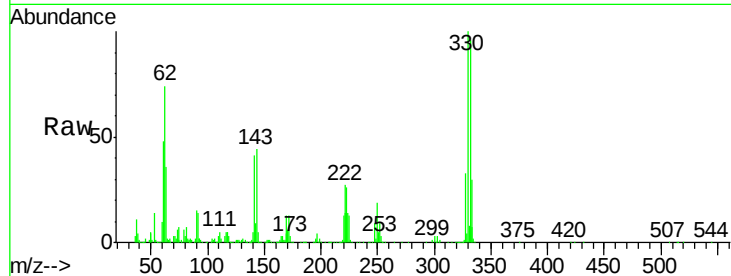




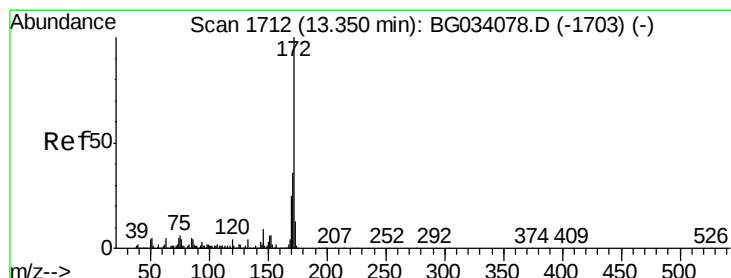
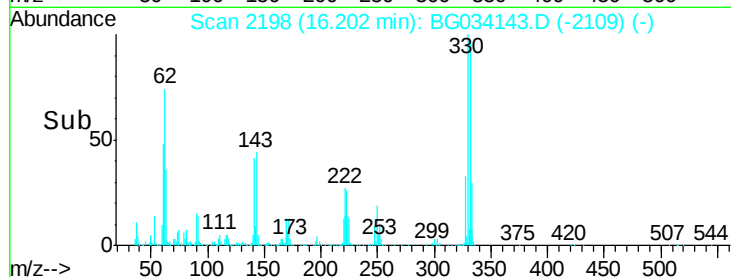
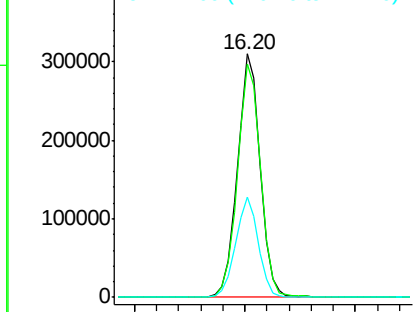
#41
2,4,6-Tribromophenol
Concen: 152.414 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG034143.D
Acq: 3 May 2018 9:31

Instrument :
BNA_G
ClientSampleId :
ES-RT-1871

Tot Ion:330 Resp: 448926
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 41.4 25.2 37.8#

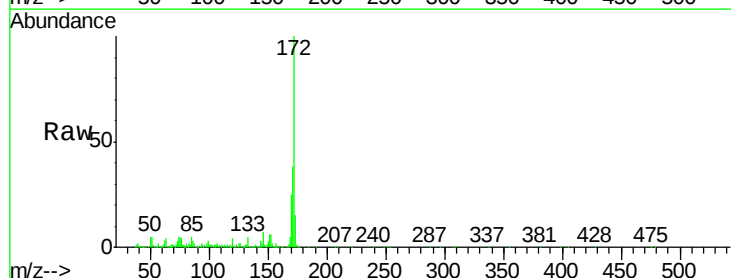


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

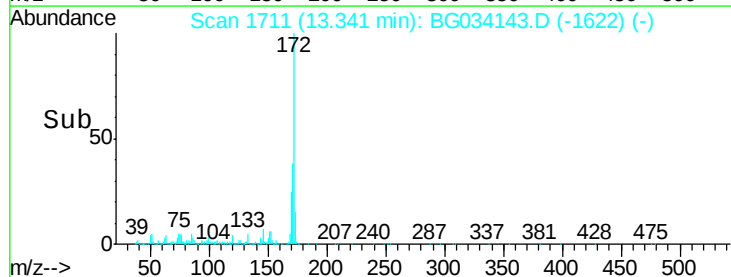
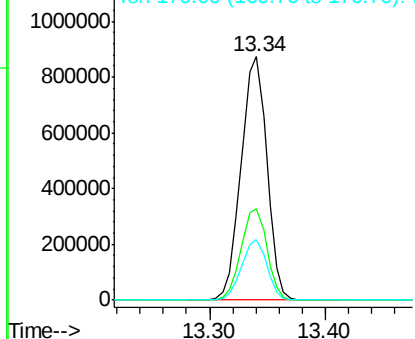


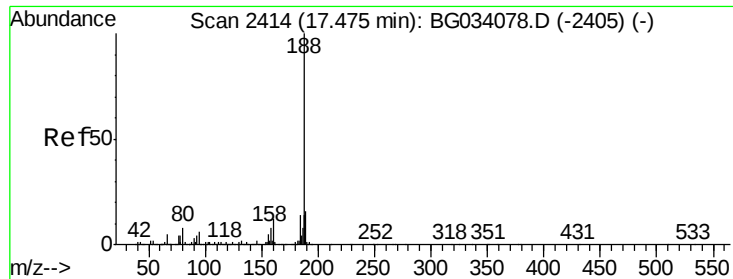
#44
2-Fluorobiphenyl
Concen: 92.825 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034143.D
Acq: 3 May 2018 9:31

Tgt Ion:172 Resp: 1355040
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 25.0 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

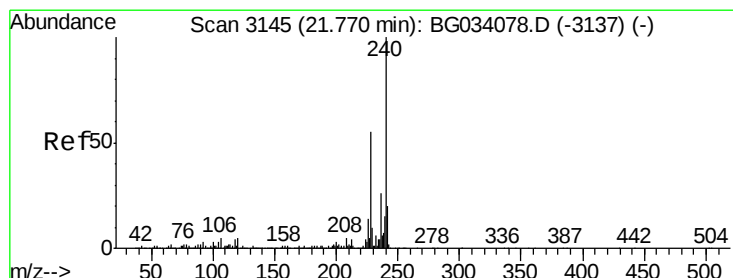
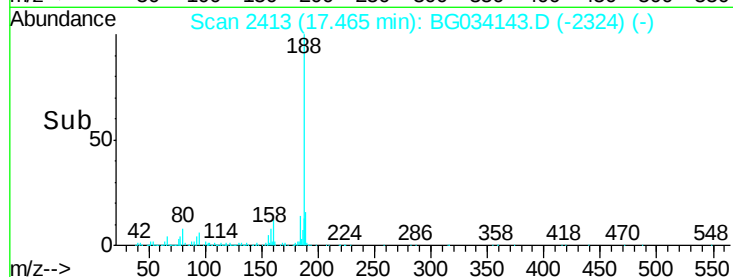
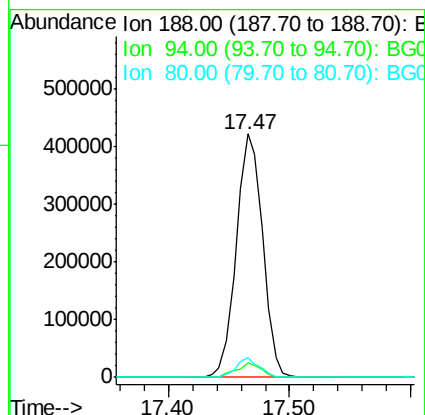
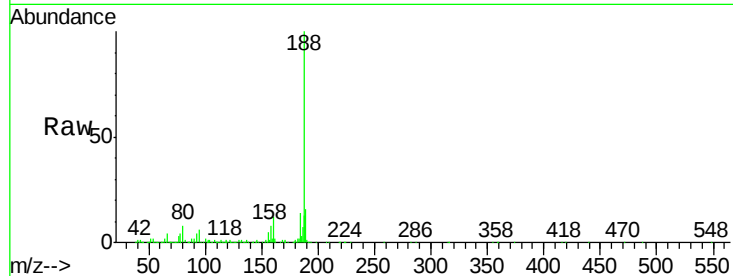




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034143.D
Acq: 3 May 2018 9:31

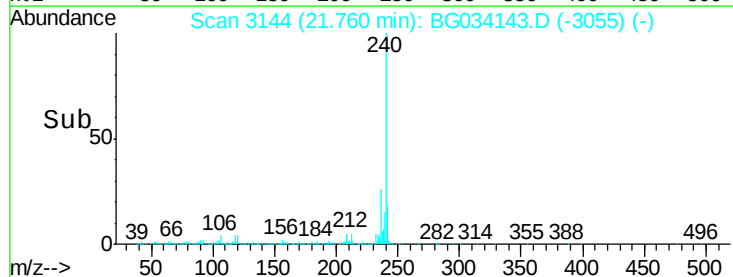
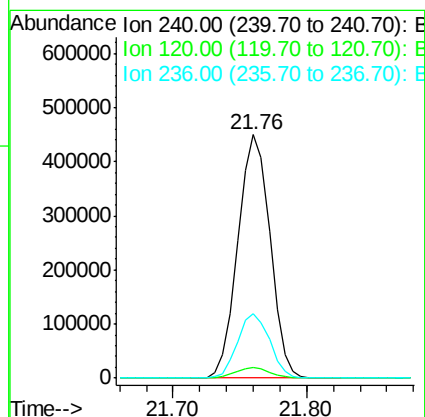
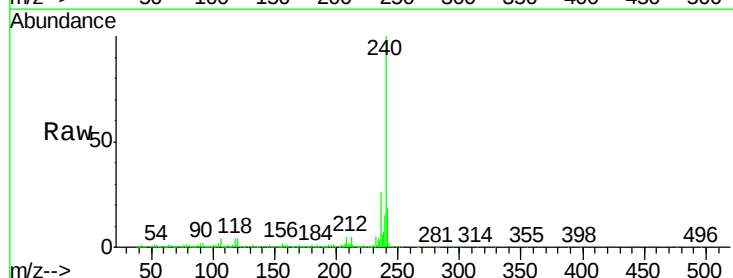
Instrument :
BNA_G
ClientSampled :
ES-RT-1871

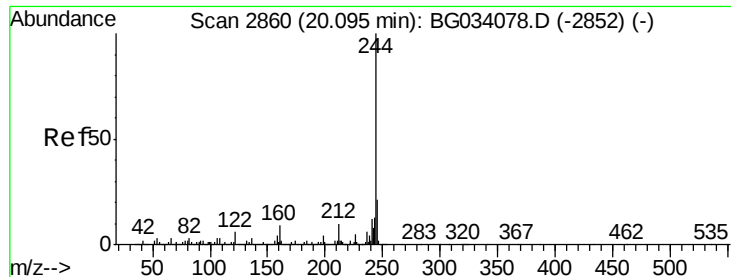
Tot Ion:188 Resp: 641420
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 8.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG034143.D
Acq: 3 May 2018 9:31

Tgt Ion:240 Resp: 752489
Ion Ratio Lower Upper
240 100
120 4.3 6.8 10.2#
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 86.470 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034143.D

Acq: 3 May 2018 9:31

Instrument :

BNA_G

ClientSampled :

ES-RT-1871

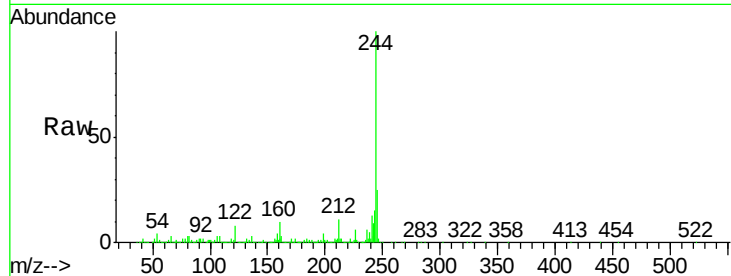
Tot Ion:244 Resp: 2970237

Ion Ratio Lower Upper

244 100

212 11.3 5.8 8.8#

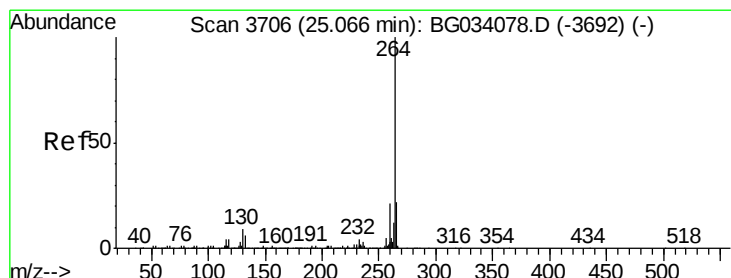
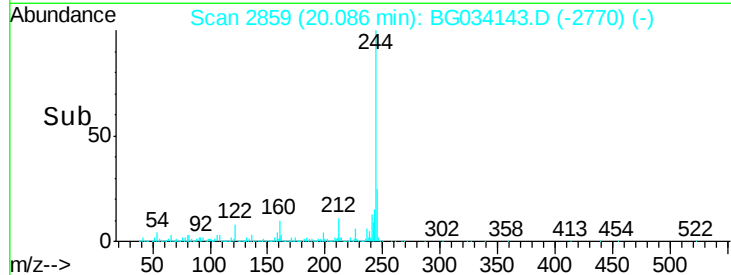
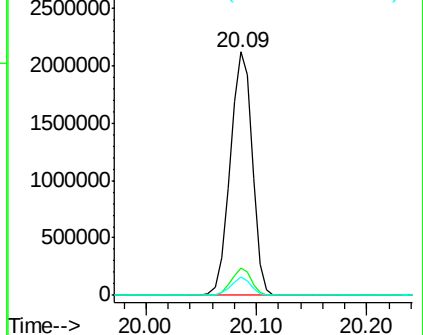
122 7.6 7.0 10.4



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: 25.06 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG034143.D

Acq: 3 May 2018 9:31

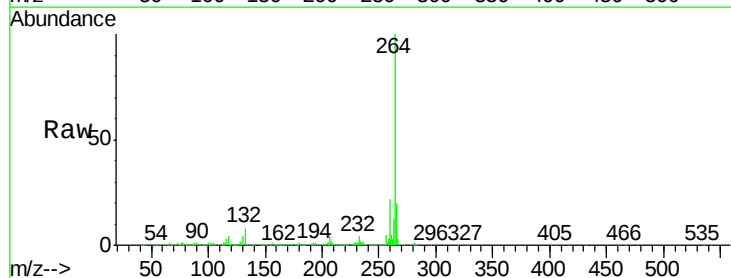
Tgt Ion:264 Resp: 733490

Ion Ratio Lower Upper

264 100

260 21.6 17.4 26.0

265 20.2 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

