

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033595.D
 Acq On : 5 Apr 2018 16:40
 Operator : SJ/JU
 Sample : J2184-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 17:37:29 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

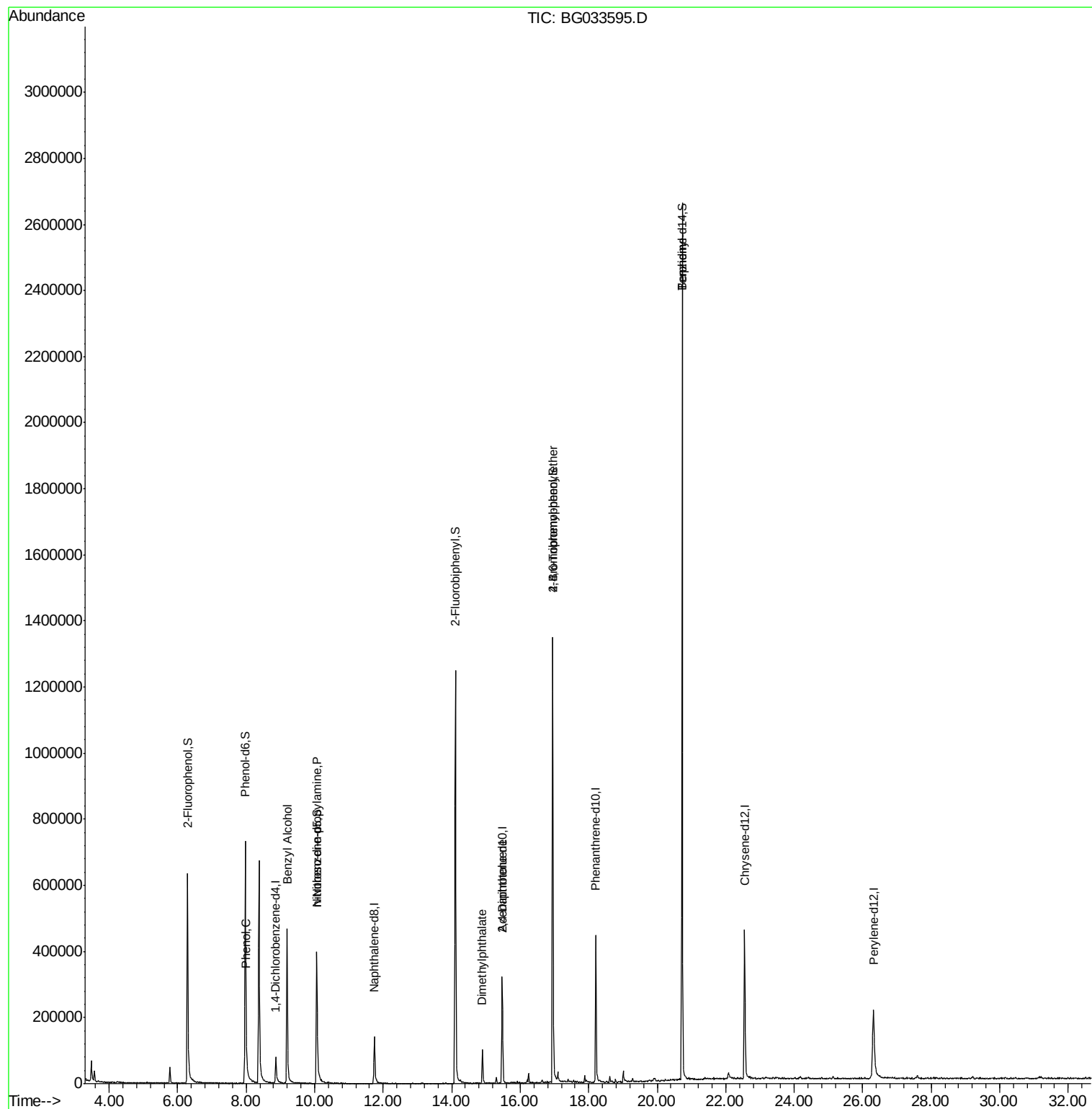
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32150	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	150723	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	123382	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	331924	20.00	ng	0.00
75) Chrysene-d12	22.55	240	333543	20.00	ng	0.00
86) Perylene-d12	26.32	264	337916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	316848	184.80	ng	0.00
7) Phenol-d6	7.97	99	510670	173.35	ng	0.00
23) Nitrobenzene-d5	10.06	82	323574	98.63	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	257084	139.32	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	733317	85.80	ng	0.00
78) Terphenyl-d14	20.73	244	1321999	84.76	ng	0.00
Target Compounds						
10) Phenol	8.00	94	13593	4.673	ng	# 44
15) Benzyl Alcohol	9.19	79	5062	2.182	ng	# 34
19) n-Nitroso-di-n-propylamine	10.06	70	43631	20.212	ng	# 84
49) Dimethylphthalate	14.89	163	76831	7.155	ng	# 97
56) 2,4-Dinitrotoluene	15.48	165	15661	4.845	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	20613	5.288	ng	# 1
76) Benizidine	20.73	184	22796	2.520	ng	# 95

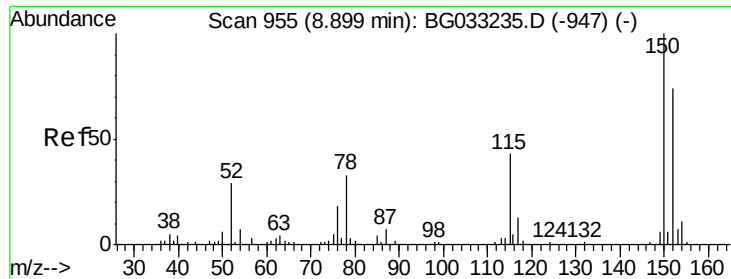
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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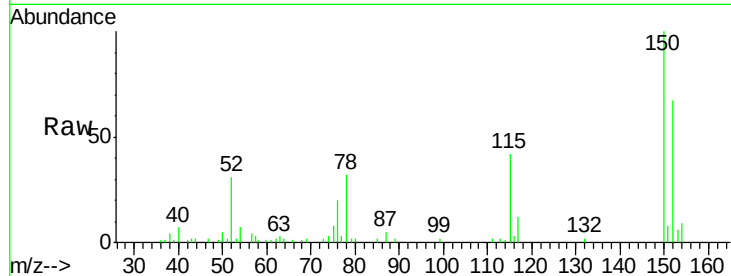


#1

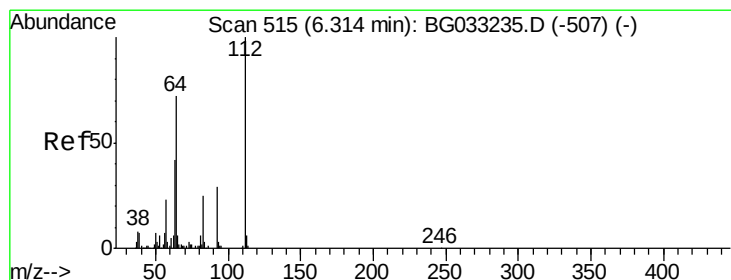
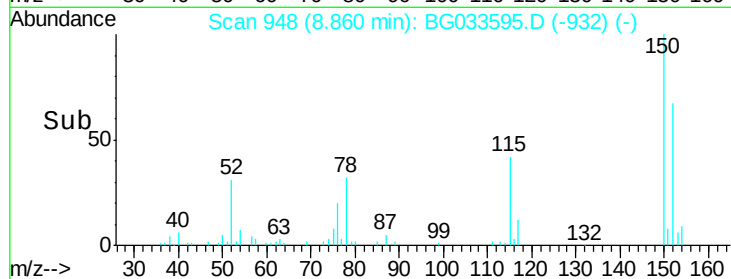
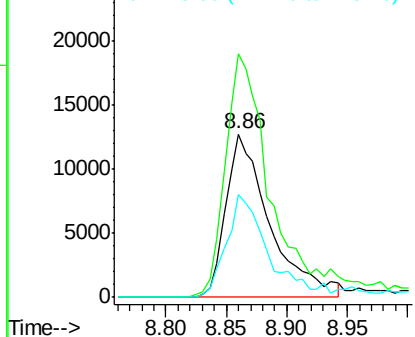
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033595.D
Acq: 5 Apr 2018 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32150
Ion Ratio Lower Upper
152 100
150 149.2 126.6 189.8
115 63.3 53.0 79.4



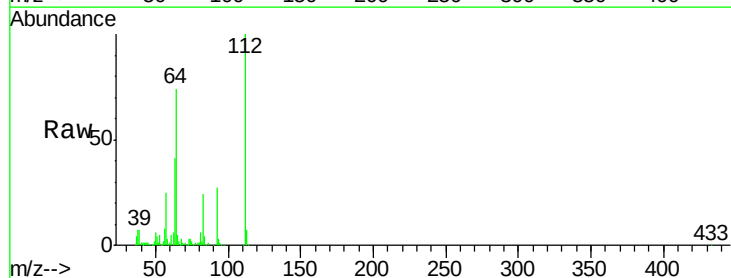
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



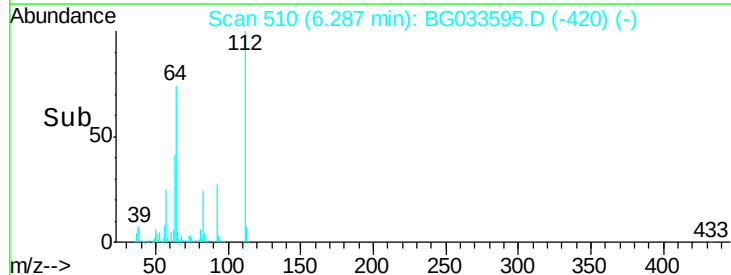
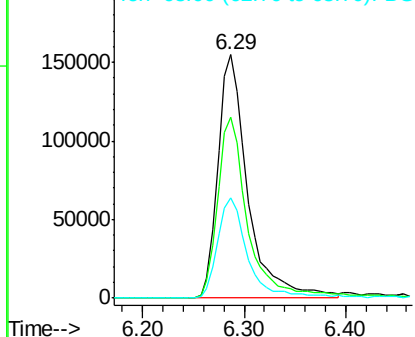
#5

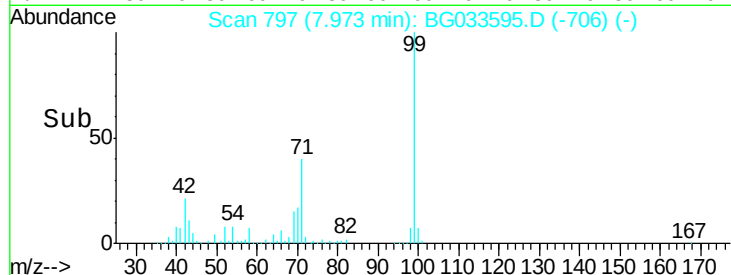
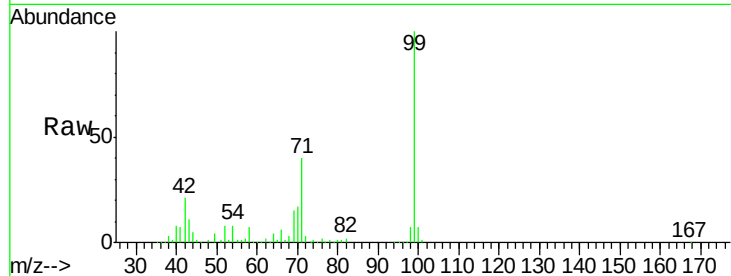
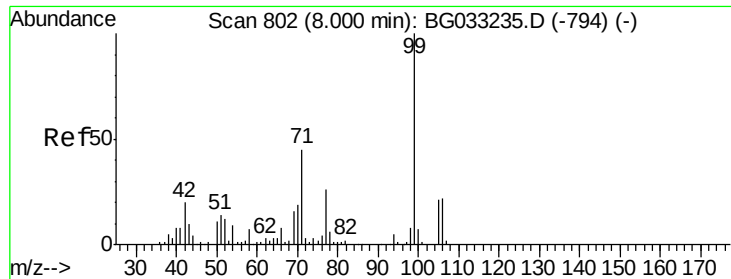
2-Fluorophenol
Concen: 184.799 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033595.D
Acq: 5 Apr 2018 16:40

Tgt Ion:112 Resp: 316848
Ion Ratio Lower Upper
112 100
64 74.4 56.3 84.5
63 41.0 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: 173.346 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033595.D

Acq: 5 Apr 2018 16:40

Instrument :

BNA_G

ClientSampleId :

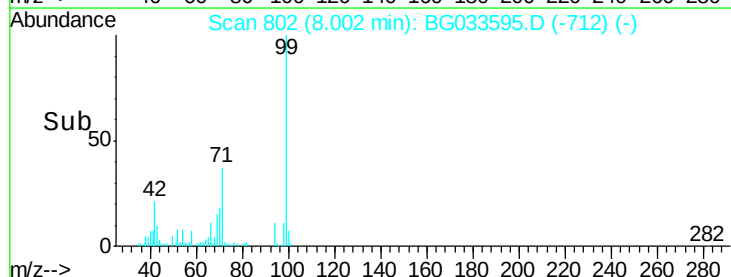
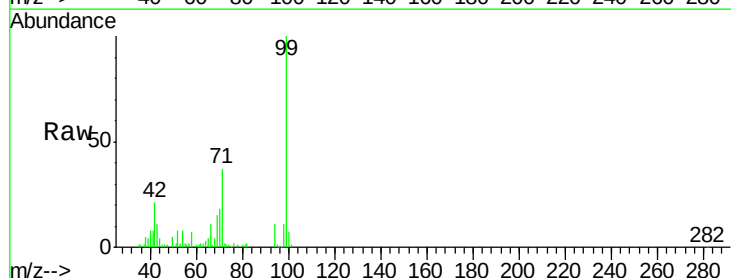
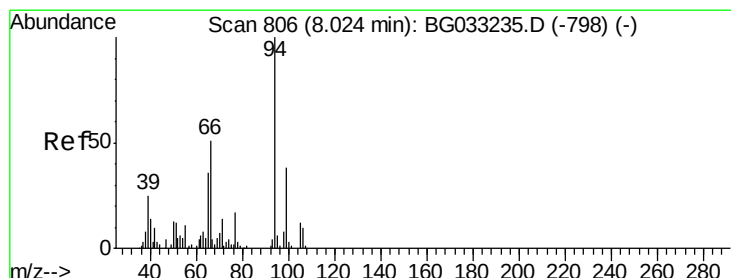
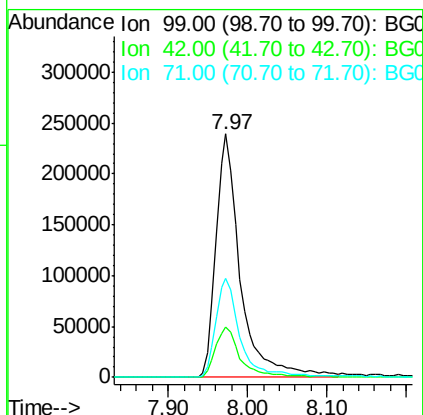
Tot Ion: 99 Resp: 510670

Ion Ratio Lower Upper

99 100

42 20.9 14.1 21.1

71 40.4 26.1 39.1#



#10

Phenol

Concen: 4.673 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033595.D

Acq: 5 Apr 2018 16:40

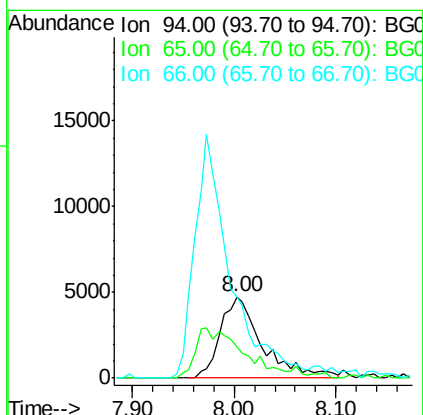
Tgt Ion: 94 Resp: 13593

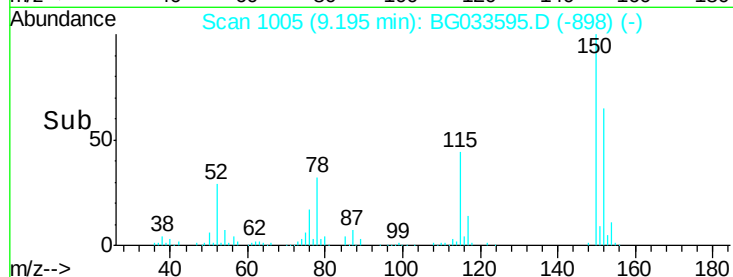
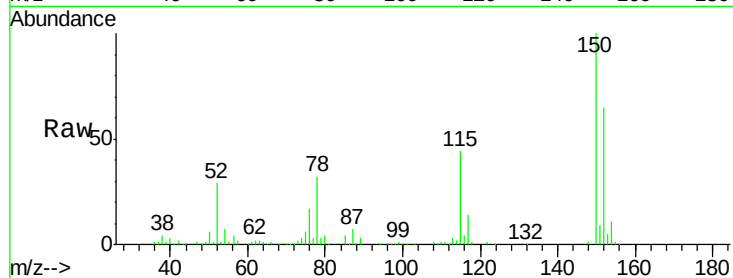
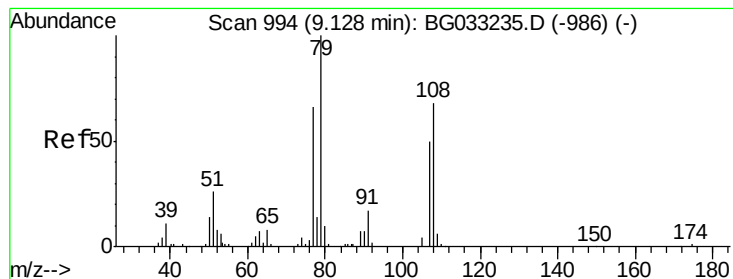
Ion Ratio Lower Upper

94 100

65 38.1 11.9 51.9

66 99.1 22.2 62.2#





#15

Benzyl Alcohol

Concen: 2.182 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.10 min

Lab File: BG033595.D

Acq: 5 Apr 2018 16:40

Instrument :

BNA_G

ClientSampleId :

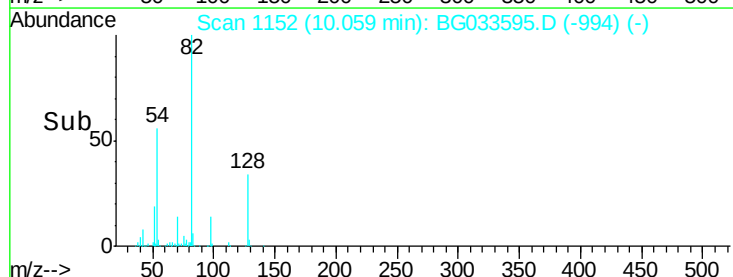
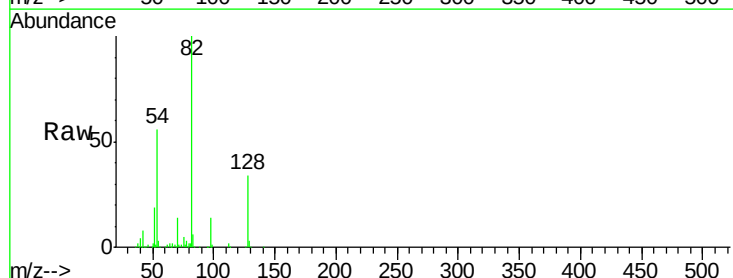
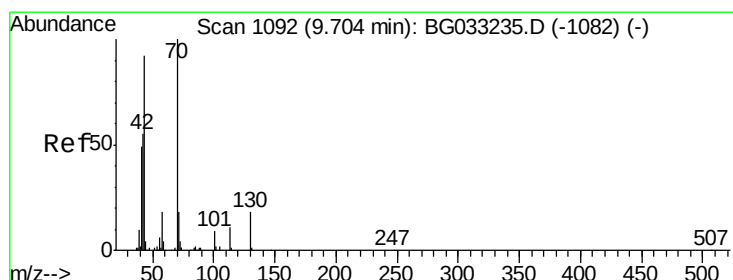
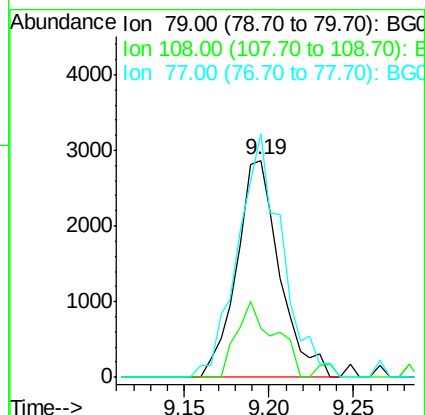
Tot Ion: 79 Resp: 5062

Ion Ratio Lower Upper

79 100

108 22.5 57.2 85.8#

77 112.1 46.1 69.1#



#19

n-Nitroso-di-n-propylamine

Concen: 20.212 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.40 min

Lab File: BG033595.D

Acq: 5 Apr 2018 16:40

Tgt Ion: 70 Resp: 43631

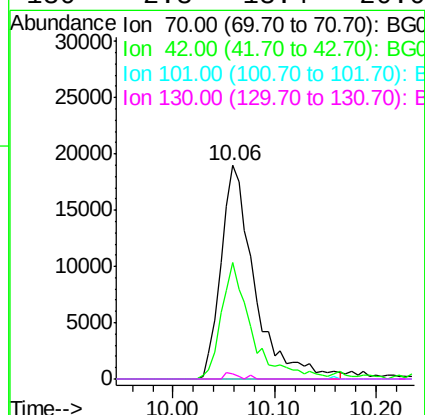
Ion Ratio Lower Upper

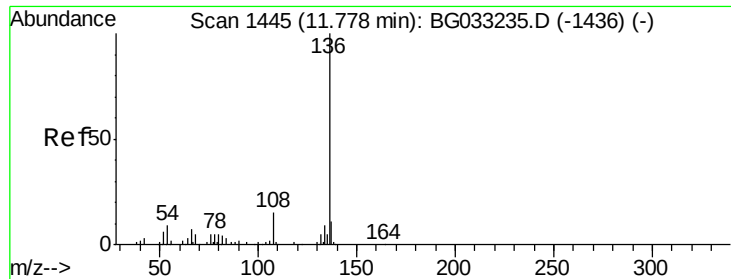
70 100

42 54.7 49.1 73.7

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

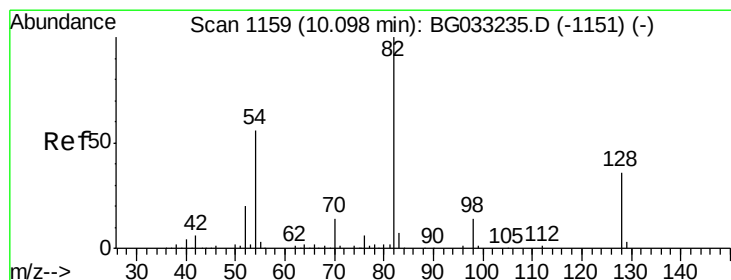
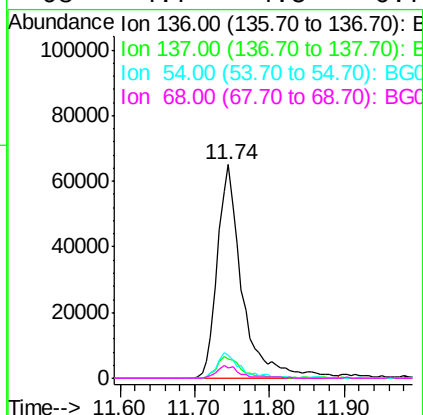
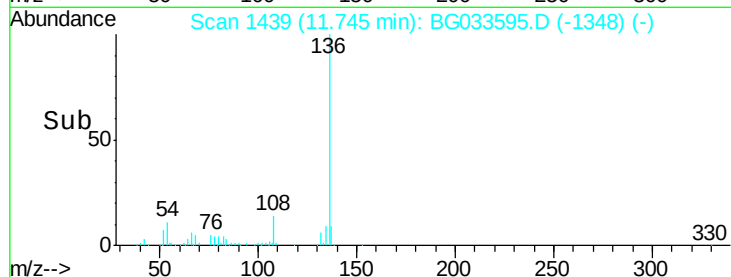
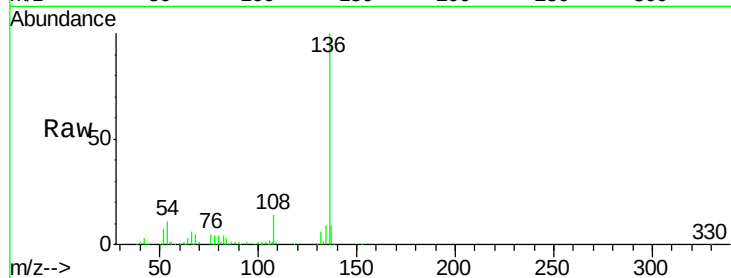




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033595.D
Acq: 5 Apr 2018 16:40

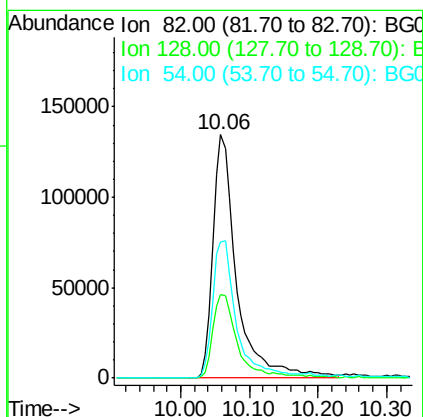
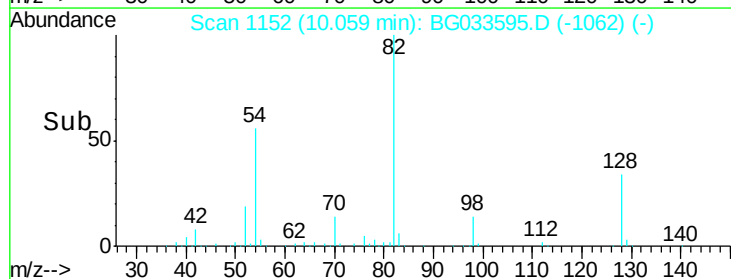
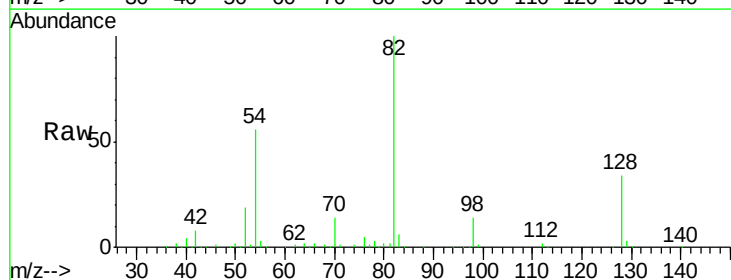
Instrument :
BNA_G
ClientSampleId :

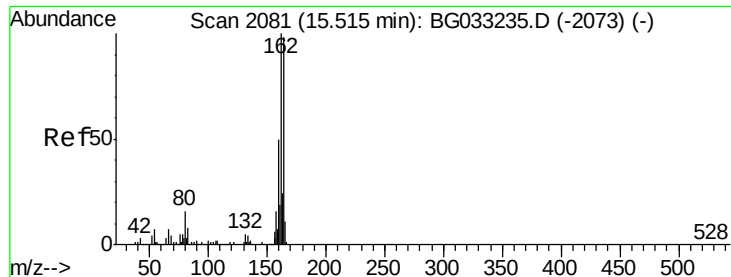
Tot Ion:136	Resp:	150723
Ion Ratio	Lower	Upper
136 100		
137 9.3	9.2	13.8
54 10.9	10.3	15.5
68 4.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 98.633 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033595.D
Acq: 5 Apr 2018 16:40

Tgt	Ion: 82	Resp:	323574
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	56.0	43.1	64.7

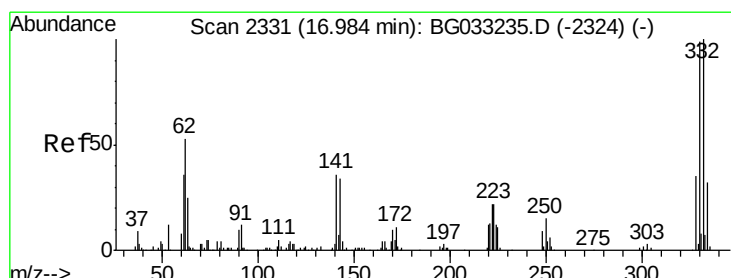
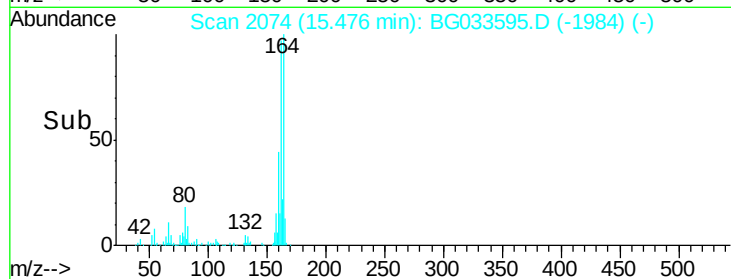
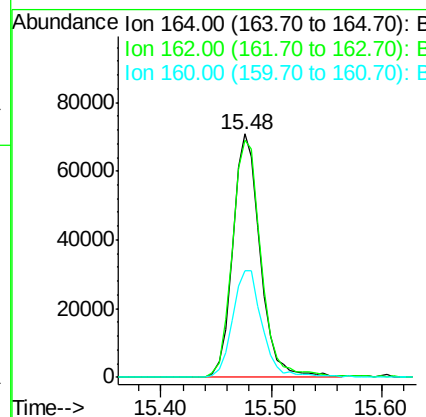
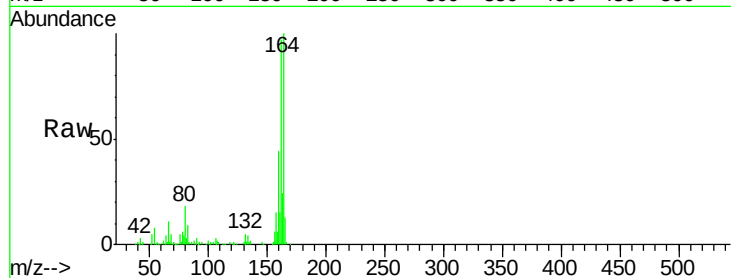




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033595.D
Acq: 5 Apr 2018 16:40

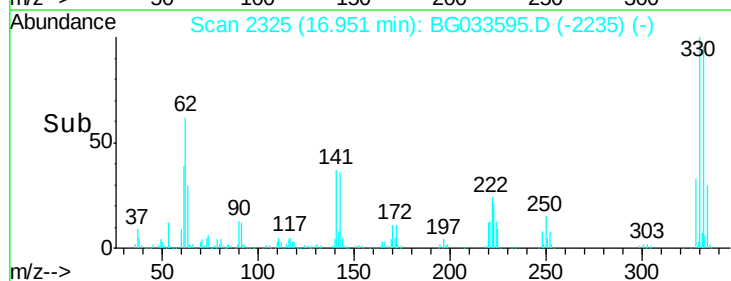
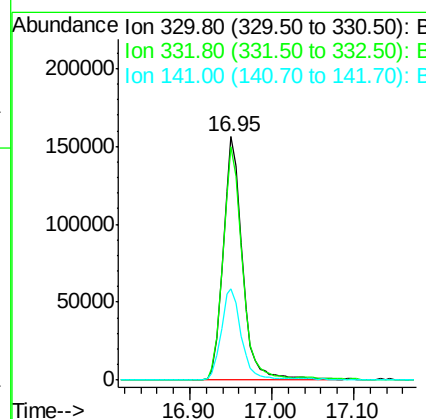
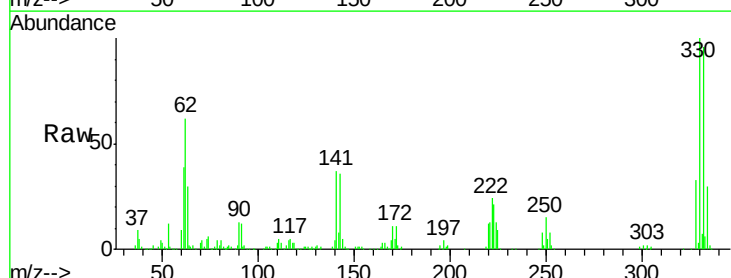
Instrument :
BNA_G
ClientSampleId :

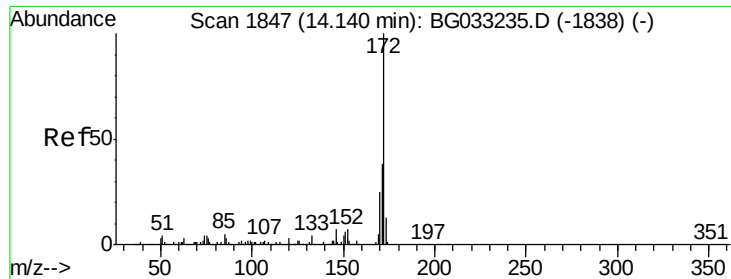
Tot Ion:164 Resp: 123382
Ion Ratio Lower Upper
164 100
162 97.5 78.8 118.2
160 43.8 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 139.317 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033595.D
Acq: 5 Apr 2018 16:40

Tgt Ion:330 Resp: 257084
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 40.0 25.2 37.8#

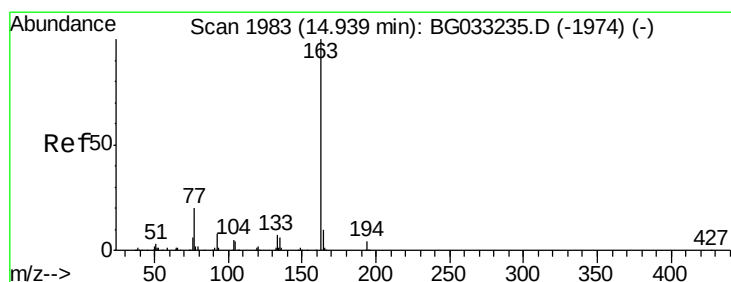
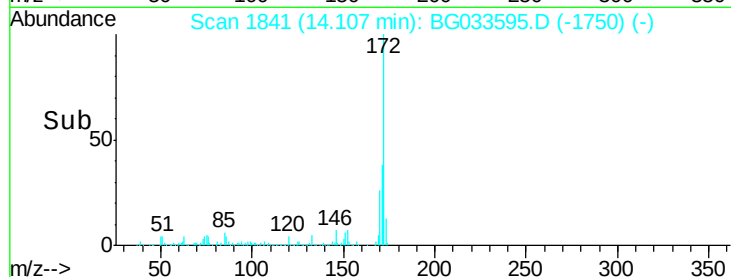
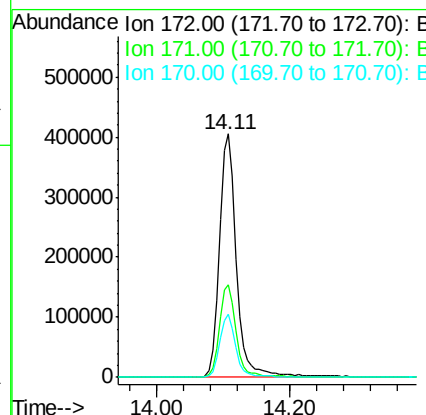
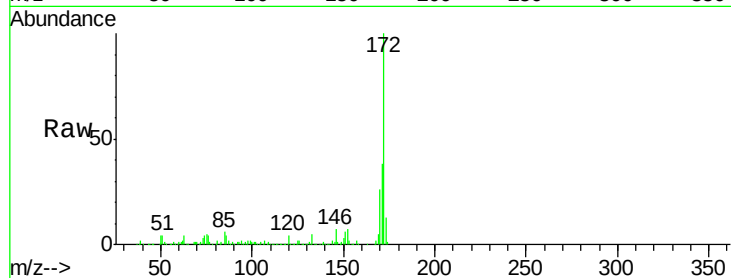




#44
2-Fluorobiphenyl
Concen: 85.802 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG033595.D
Acq: 5 Apr 2018 16:40

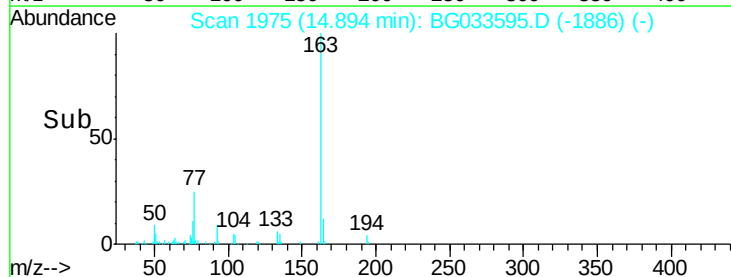
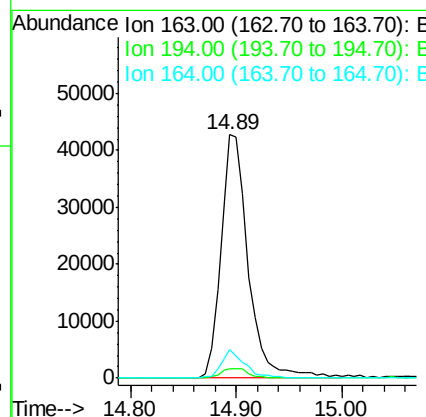
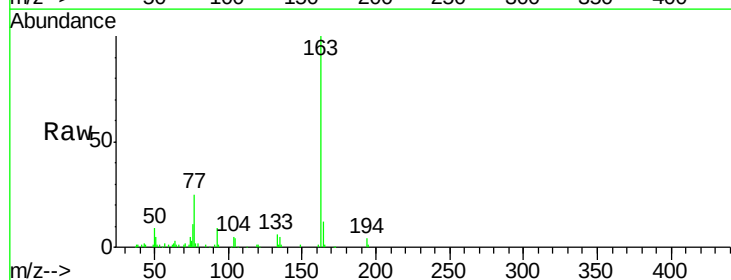
Instrument :
BNA_G
ClientSampleId :

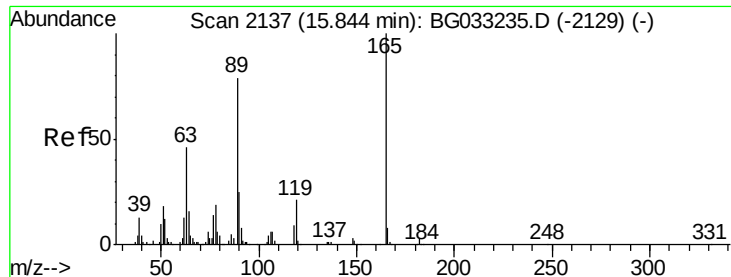
Tot Ion:172 Resp: 733317
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 25.9 19.5 29.3



#49
Dimethylphthalate
Concen: 7.155 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG033595.D
Acq: 5 Apr 2018 16:40

Tgt Ion:163 Resp: 76831
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 11.5 8.2 12.4

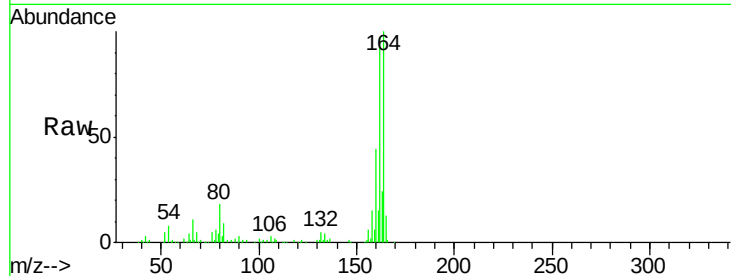




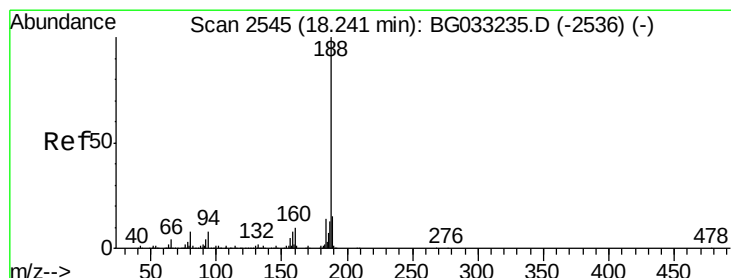
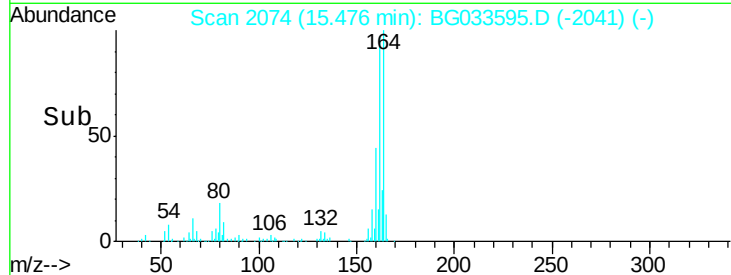
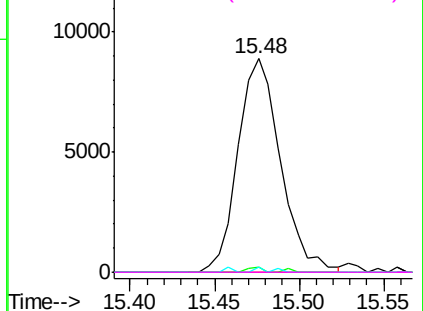
#56
 2,4-Dinitrotoluene
 Concen: 4.845 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033595.D
 Acq: 5 Apr 2018 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15661
 Ion Ratio Lower Upper
 165 100
 63 2.6 42.0 63.0#
 89 2.5 66.9 100.3#
 182 0.0 2.6 3.8#

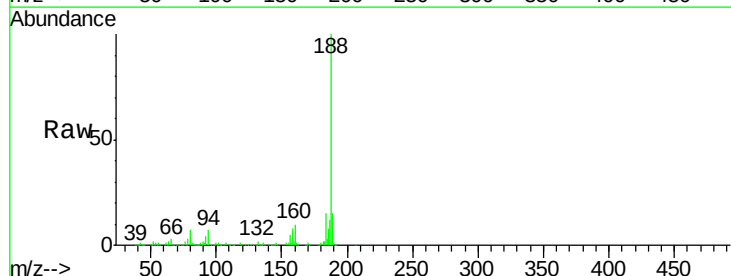


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

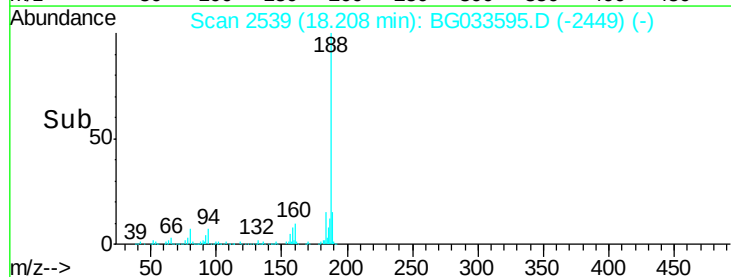
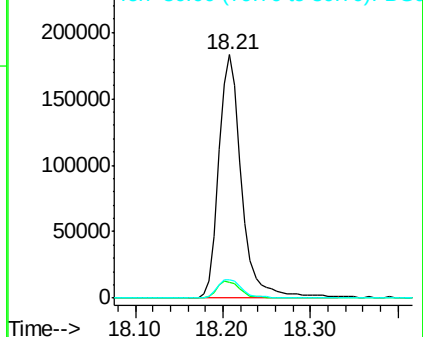


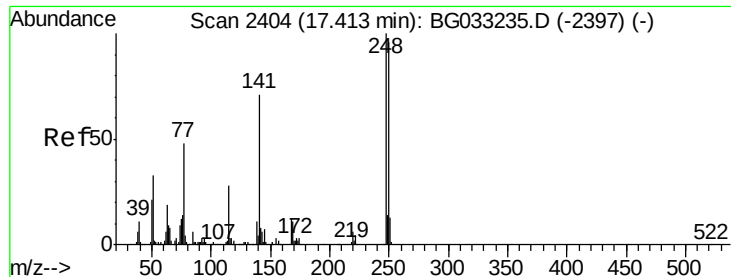
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033595.D
 Acq: 5 Apr 2018 16:40

Tgt Ion:188 Resp: 331924
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 7.3 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

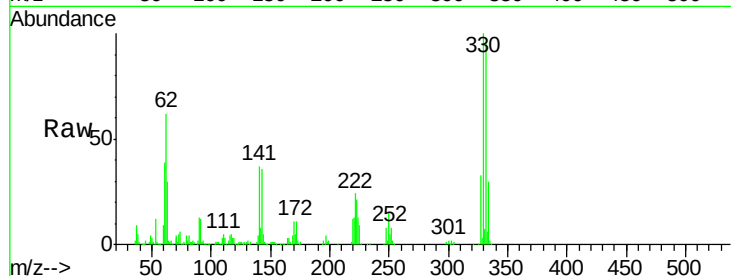




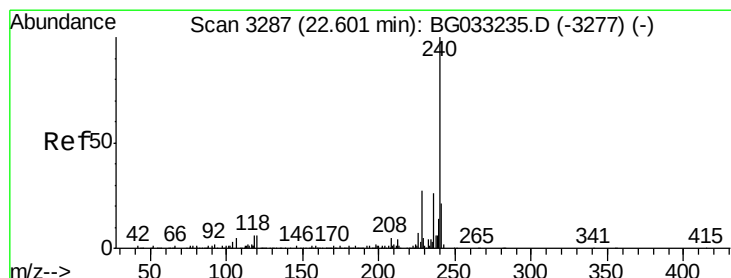
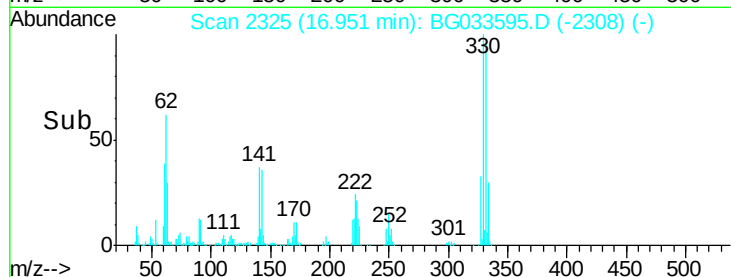
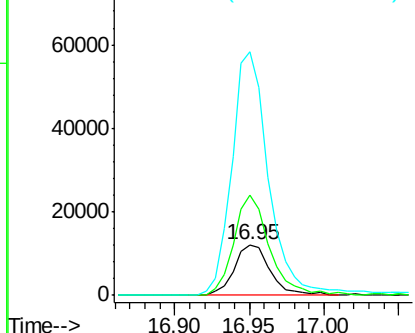
#66
4-Bromophenyl-phenylether
Concen: 5.288 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033595.D
Acq: 5 Apr 2018 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20613
Ion Ratio Lower Upper
248 100
250 196.7 77.1 115.7#
141 478.3 50.8 76.2#

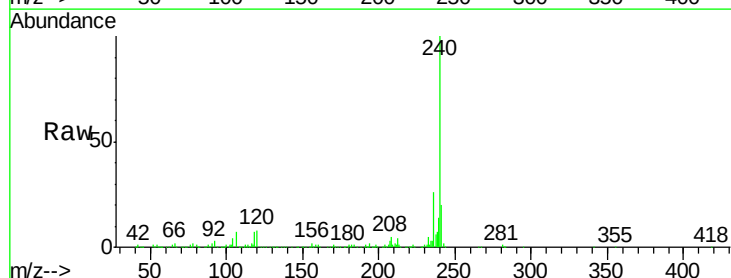


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

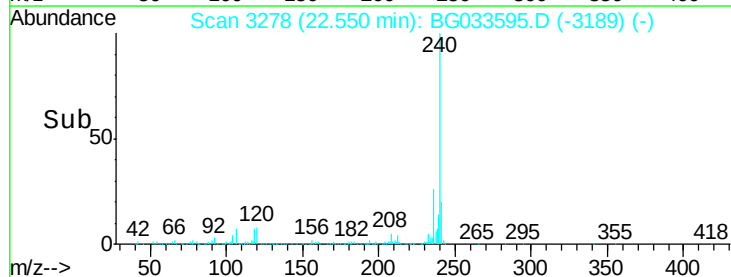
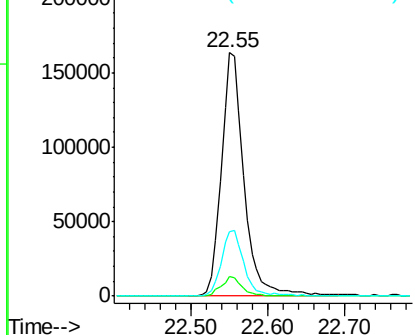


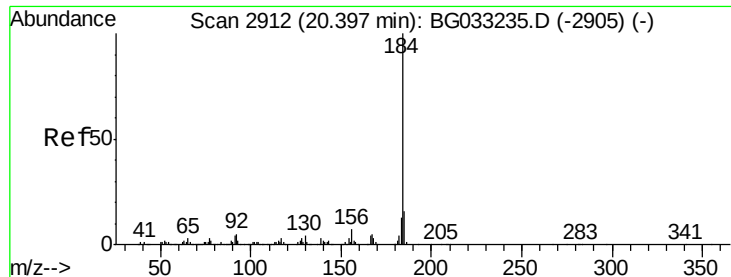
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033595.D
Acq: 5 Apr 2018 16:40

Tgt Ion:240 Resp: 333543
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.2 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: 2.520 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033595.D

Acq: 5 Apr 2018 16:40

Instrument :

BNA_G

ClientSampleId :

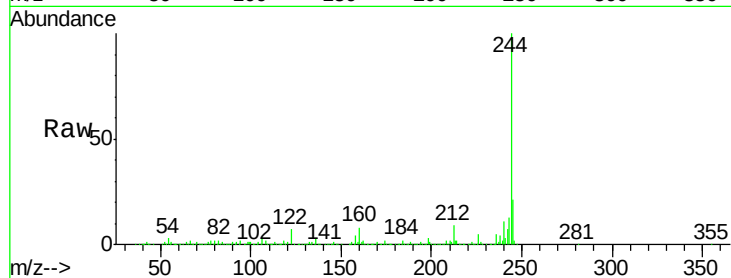
Tot Ion:184 Resp: 22796

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

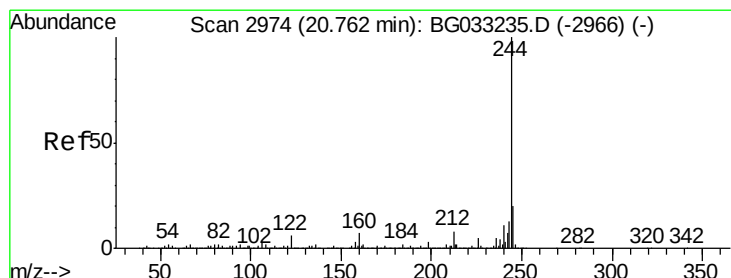
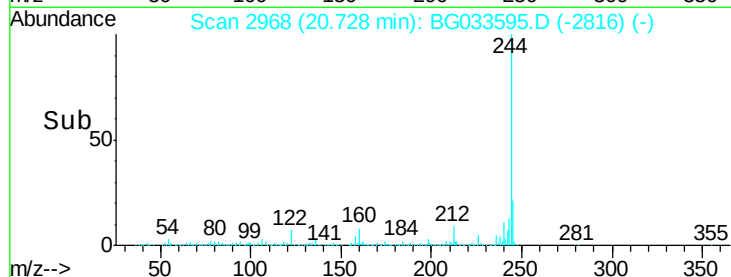
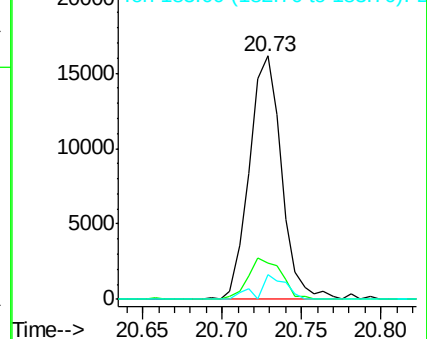
183 10.0 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 84.764 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033595.D

Acq: 5 Apr 2018 16:40

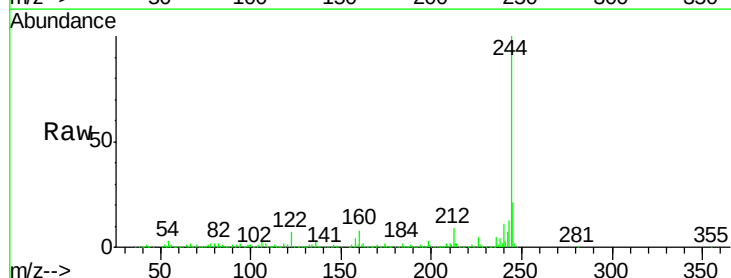
Tgt Ion:244 Resp: 1321999

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

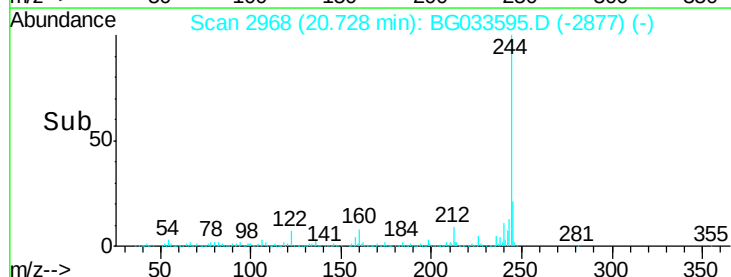
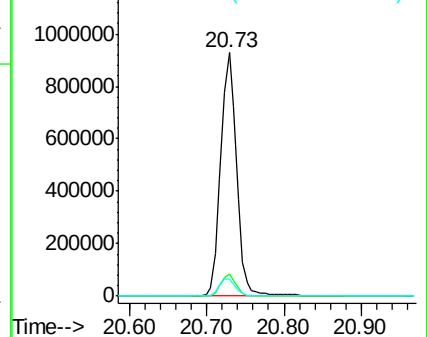
122 7.0 7.0 10.4

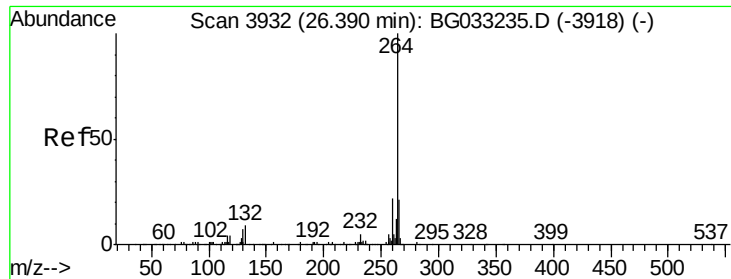


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

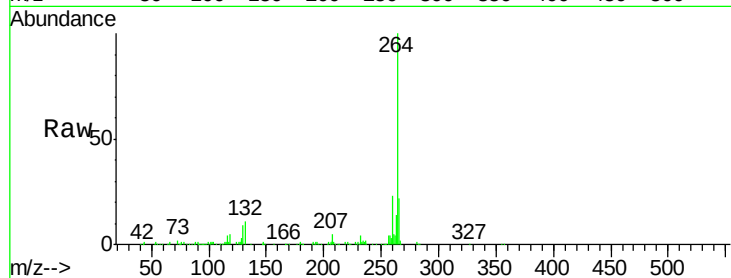




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3919
 Delta R.T. -0.00 min
 Lab File: BG033595.D
 Acq: 5 Apr 2018 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.8	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

