

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033795.D
 Acq On : 13 Apr 2018 12:43
 Operator : SJ/JU
 Sample : J2335-06RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 14 00:48:28 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

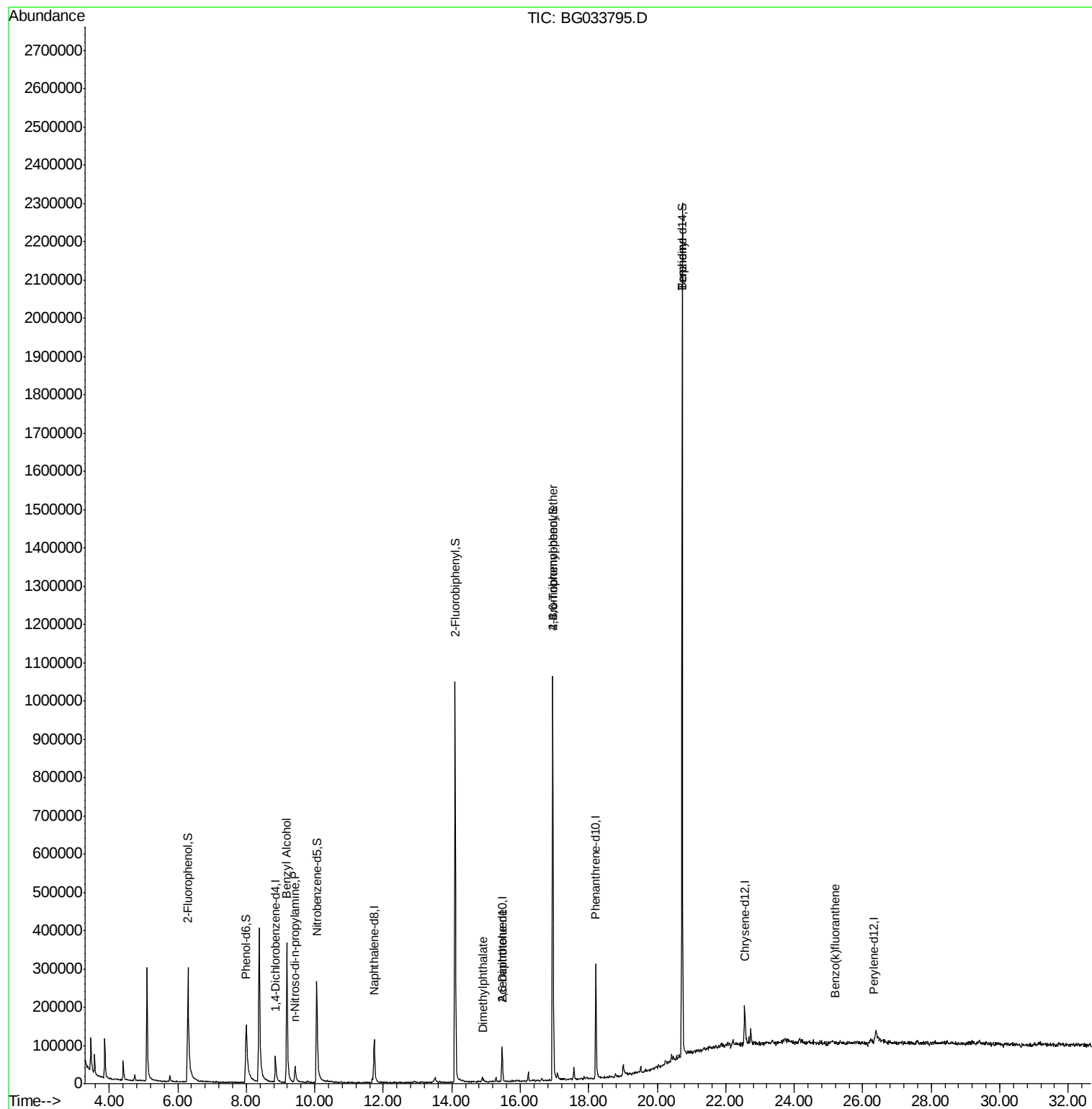
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	26246	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	115321	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	30505	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	174457	20.00	ng	0.00
75) Chrysene-d12	22.55	240	53516	20.00	ng	0.00
86) Perylene-d12	26.33	264	2286	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	220968	157.87	ng	0.01
7) Phenol-d6	8.00	99	164735	68.50	ng	0.03
23) Nitrobenzene-d5	10.06	82	250641	99.86	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	221636	485.79	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	609052	288.23	ng	0.00
78) Terphenyl-d14	20.73	244	863579	345.10	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4269	2.255	ng	# 18
19) n-Nitroso-di-n-propylamine	9.43	70	6830	3.876	ng	# 75
49) Dimethylphthalate	14.90	163	9029	3.401	ng	# 87
50) 2,6-Dinitrotoluene	15.47	165	4050	7.461	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	17023	8.309	ng	# 1
76) Benzidine	20.73	184	16751	11.542	ng	# 79
88) Benzo(k)fluoranthene	25.20	252	441	3.301	ng	# 1

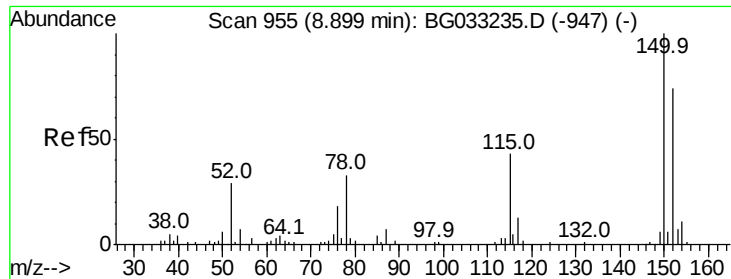
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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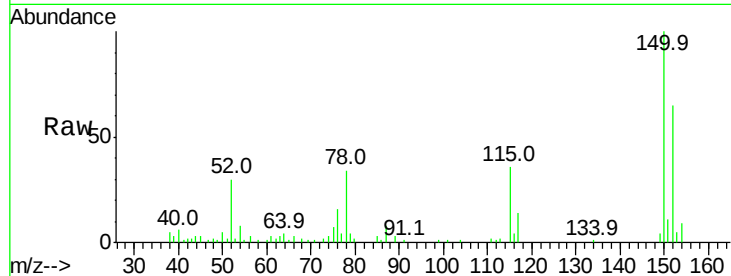


#1

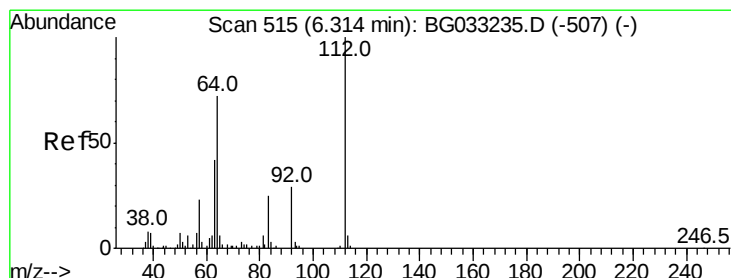
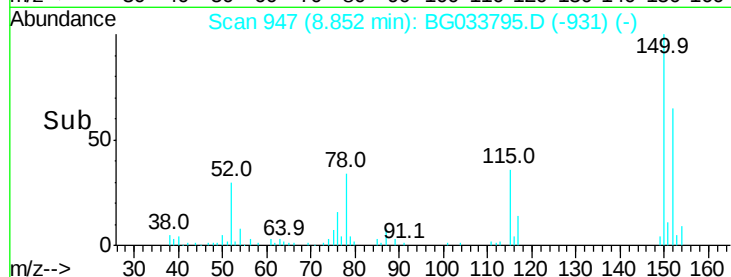
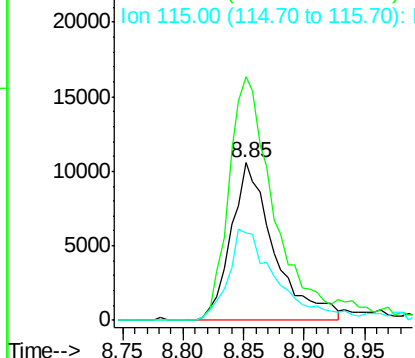
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033795.D
Acq: 13 Apr 2018 12:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 26246
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 55.1 53.0 79.4



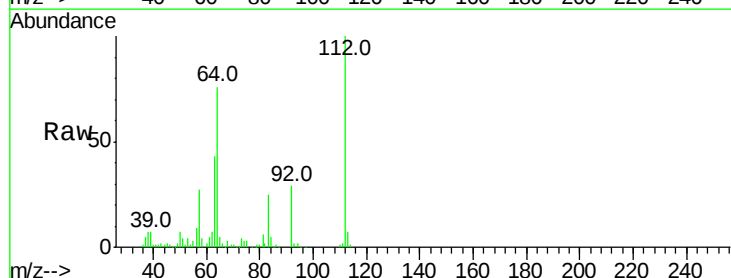
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



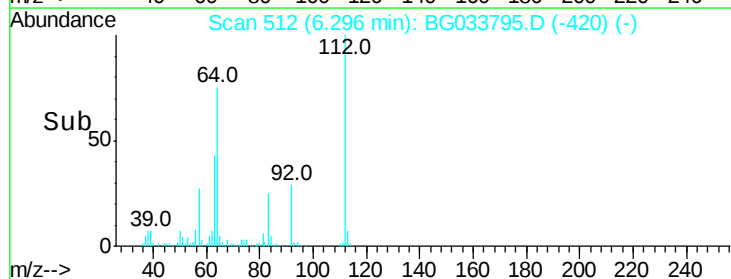
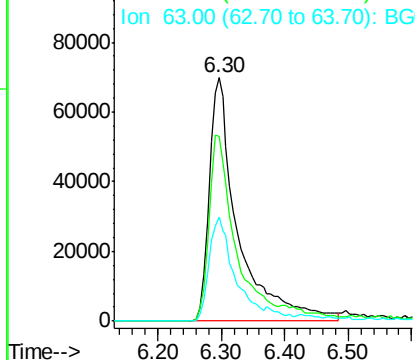
#5

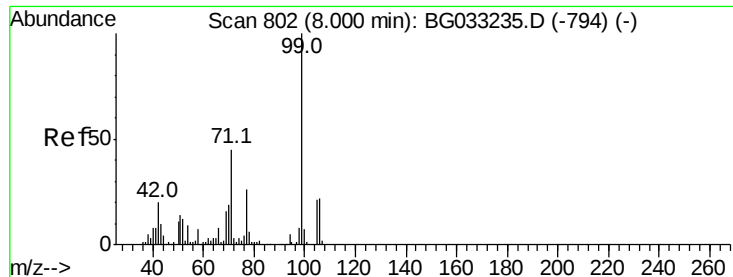
2-Fluorophenol
Concen: 157.868 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033795.D
Acq: 13 Apr 2018 12:43

Tgt Ion:112 Resp: 220968
Ion Ratio Lower Upper
112 100
64 75.7 56.3 84.5
63 43.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 68.498 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.03 min

Lab File: BG033795.D

Acq: 13 Apr 2018 12:43

Instrument :

BNA_G

ClientSampleId :

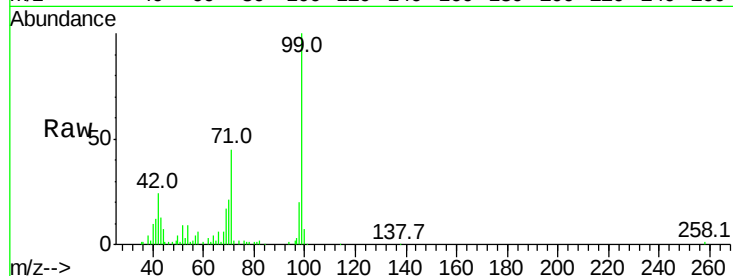
Tot Ion: 99 Resp: 164735

Ion Ratio Lower Upper

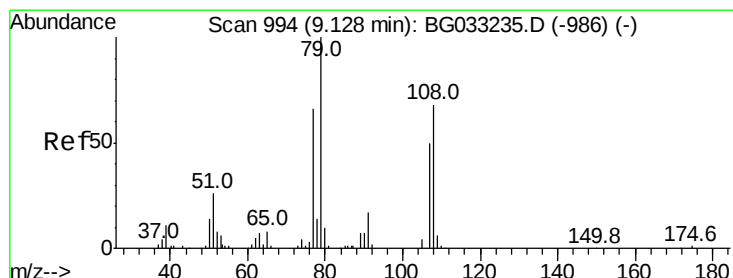
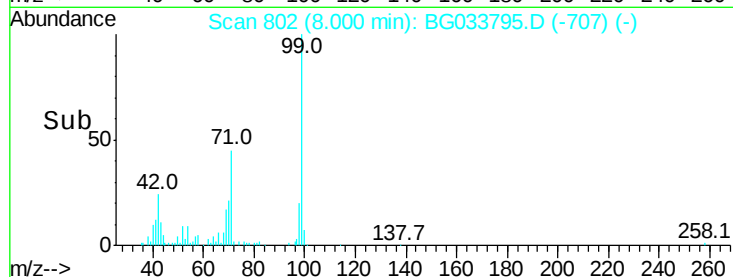
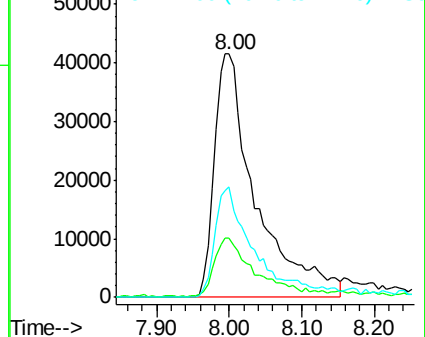
99 100

42 24.3 14.1 21.1#

71 45.2 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



#15

Benzyl Alcohol

Concen: 2.255 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033795.D

Acq: 13 Apr 2018 12:43

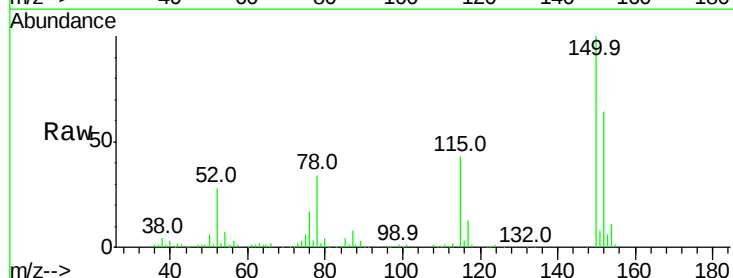
Tgt Ion: 79 Resp: 4269

Ion Ratio Lower Upper

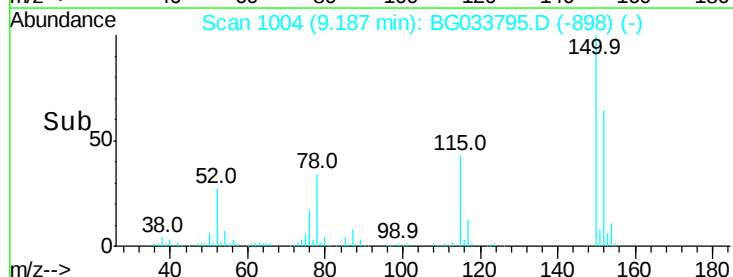
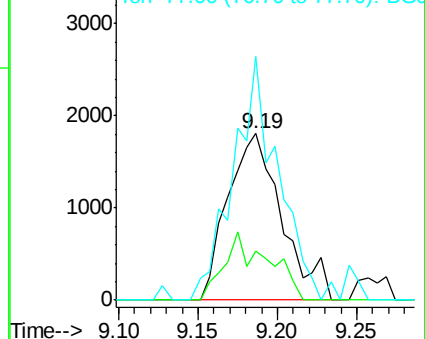
79 100

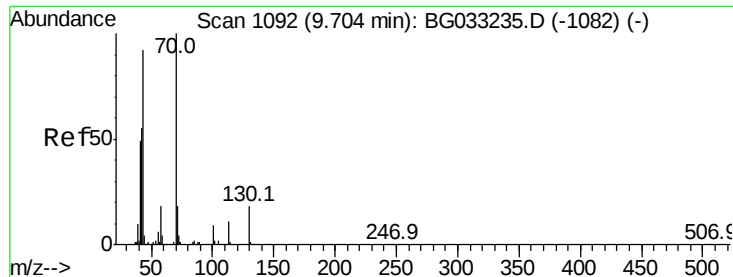
108 29.4 57.2 85.8#

77 146.5 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

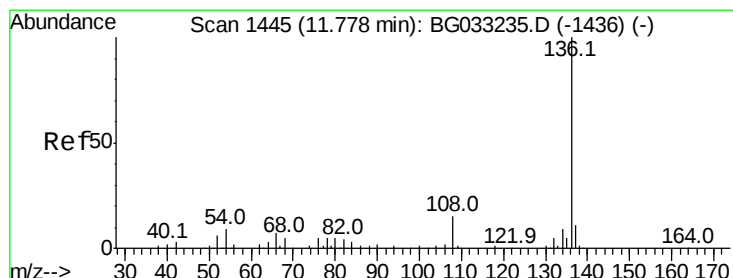
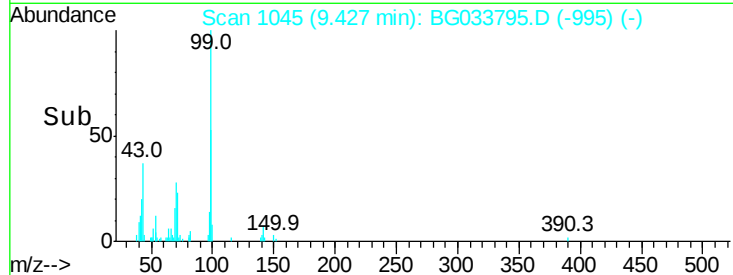
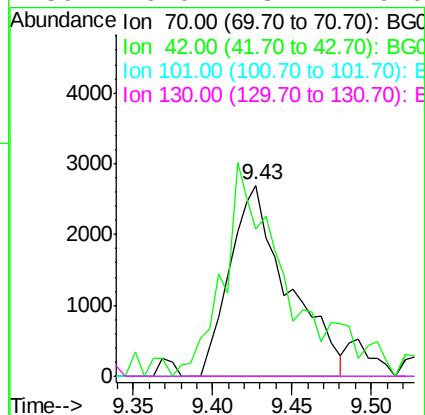
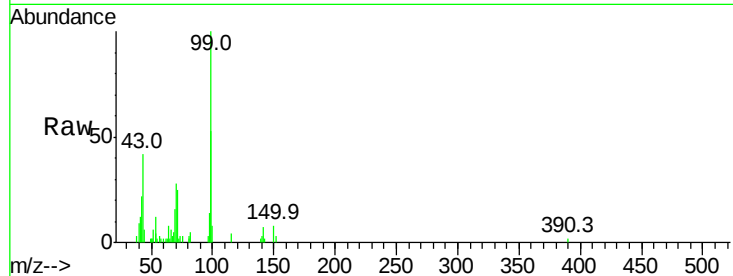




#19
n-Nitroso-di-n-propylamine
Concen: 3.876 ng
RT: 9.43 min Scan# 1045
Delta R.T. -0.23 min
Lab File: BG033795.D
Acq: 13 Apr 2018 12:43

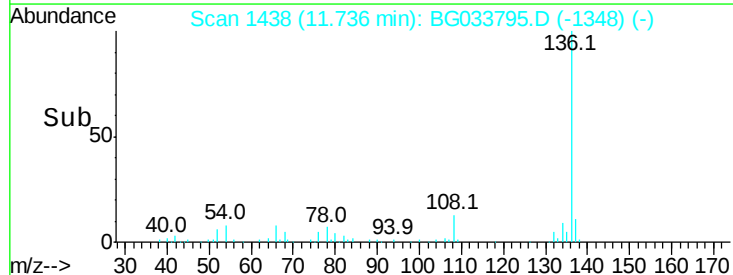
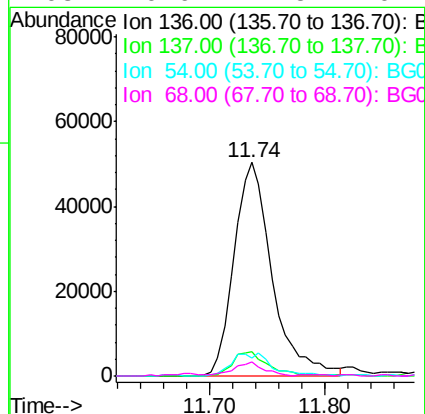
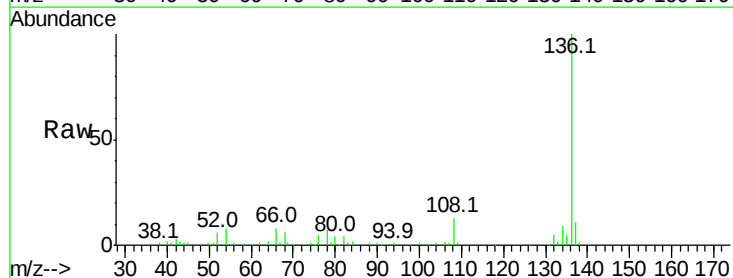
Instrument :
BNA_G
ClientSampleId :

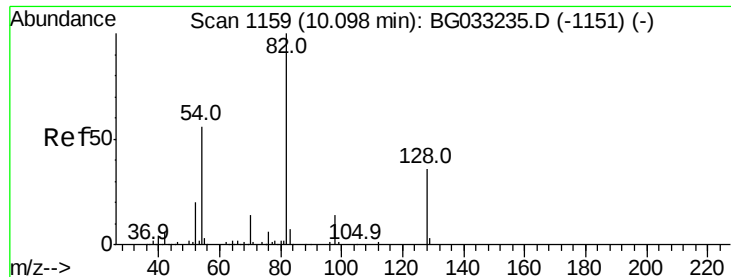
Tot Ion:	70	Resp:	6830
Ion	Ratio	Lower	Upper
70	100		
42	77.2	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033795.D
Acq: 13 Apr 2018 12:43

Tgt Ion:	136	Resp:	115321
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.1	10.3	15.5#
68	6.6	4.5	6.7

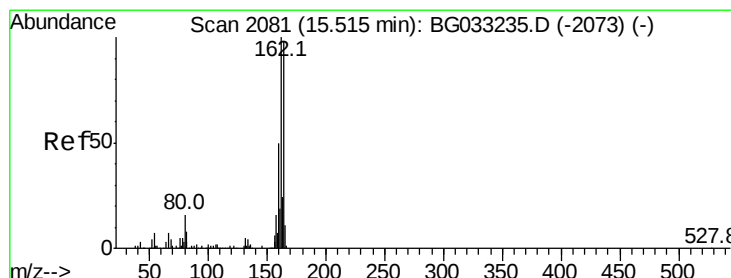
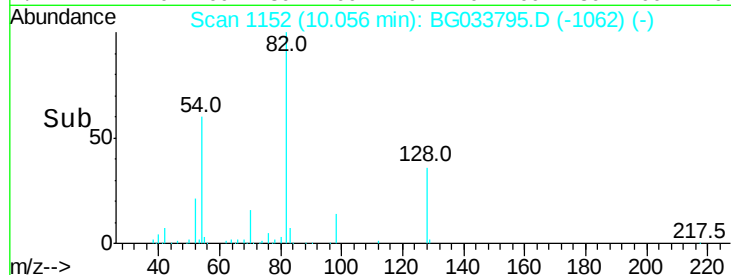
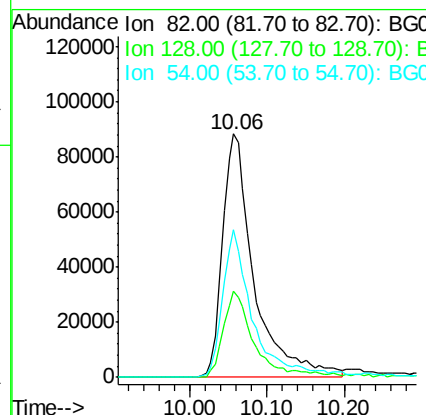
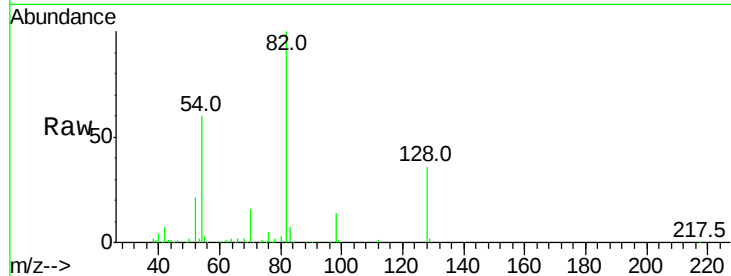




#23
 Nitrobenzene-d5
 Concen: 99.856 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033795.D
 Acq: 13 Apr 2018 12:43

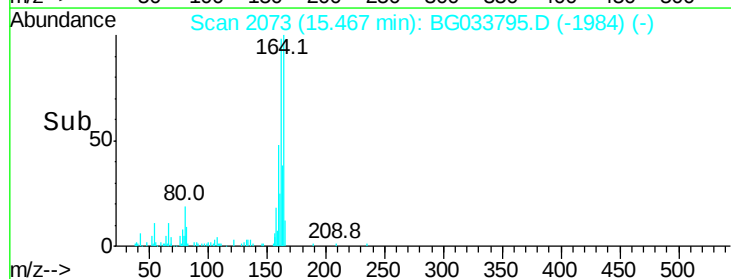
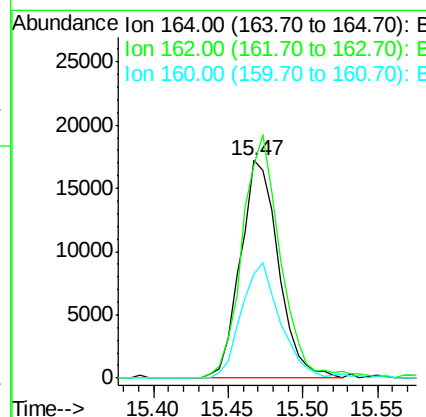
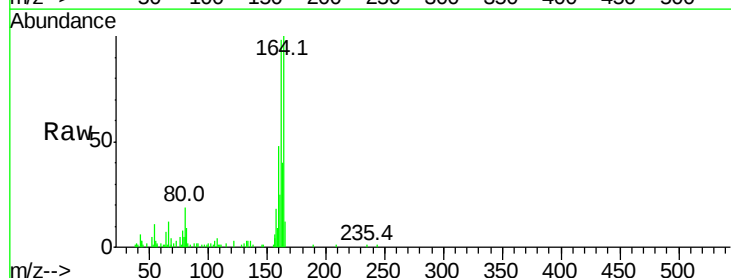
Instrument :
 BNA_G
 ClientSampled :

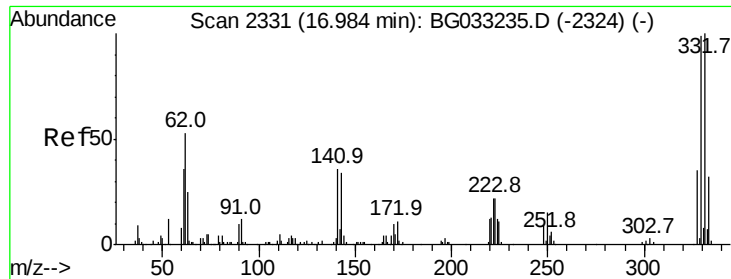
Tot Ion: 82 Resp: 250641
 Ion Ratio Lower Upper
 82 100
 128 35.6 29.7 44.5
 54 60.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033795.D
 Acq: 13 Apr 2018 12:43

Tgt Ion:164 Resp: 30505
 Ion Ratio Lower Upper
 164 100
 162 97.9 78.8 118.2
 160 47.6 35.4 53.0

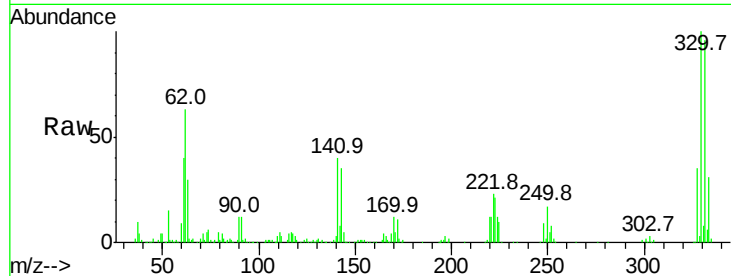




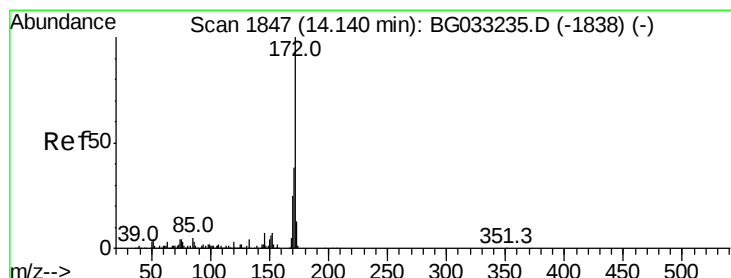
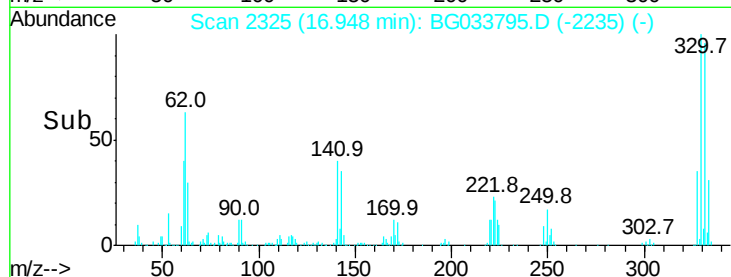
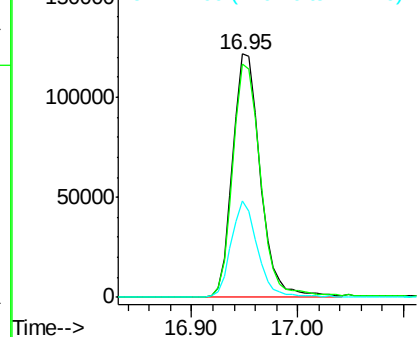
#41
 2,4,6-Tribromophenol
 Concen: 485.791 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033795.D
 Acq: 13 Apr 2018 12:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	38.0	25.2	37.8#

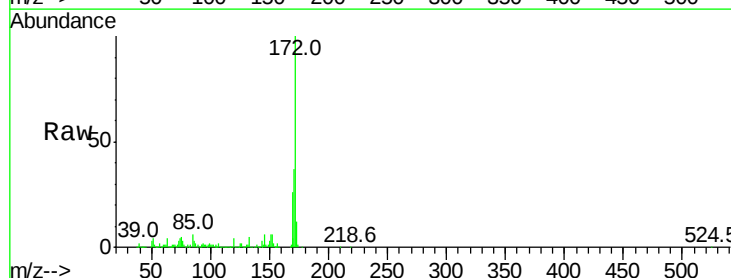


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

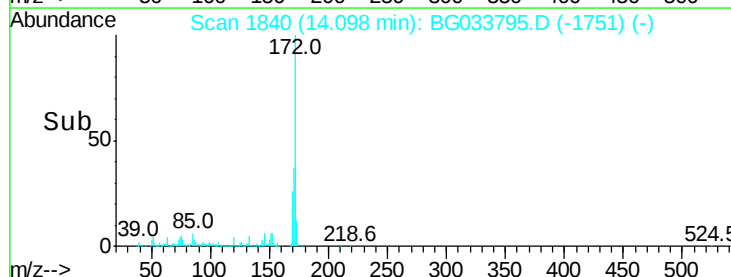
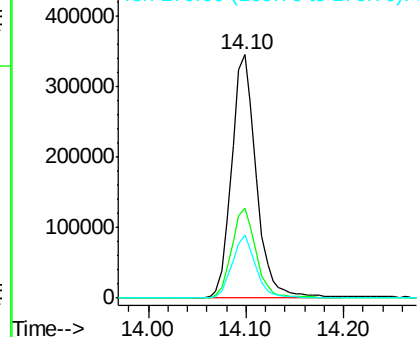


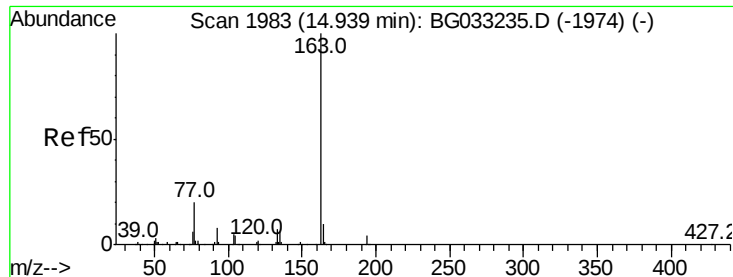
#44
 2-Fluorobiphenyl
 Concen: 288.231 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033795.D
 Acq: 13 Apr 2018 12:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	25.7	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

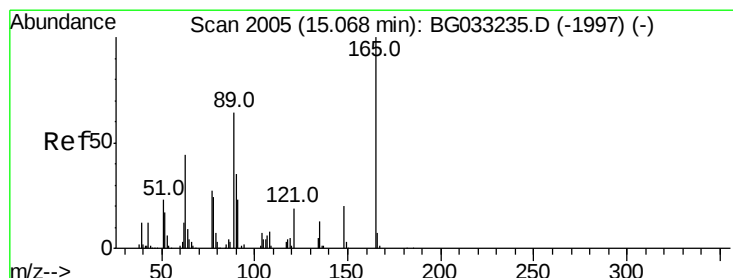
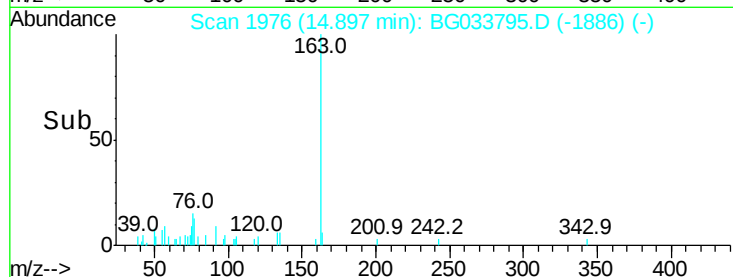
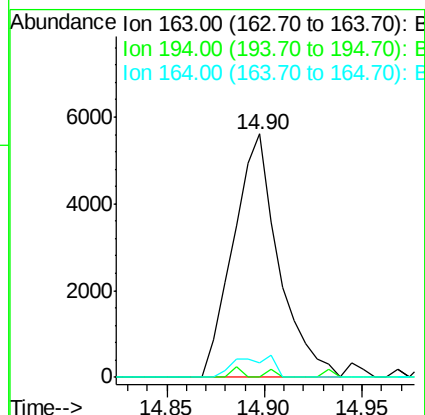
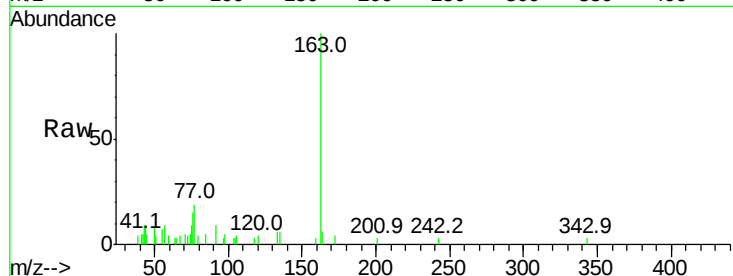




#49
Dimethylphthalate
Concen: 3.401 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG033795.D
Acq: 13 Apr 2018 12:43

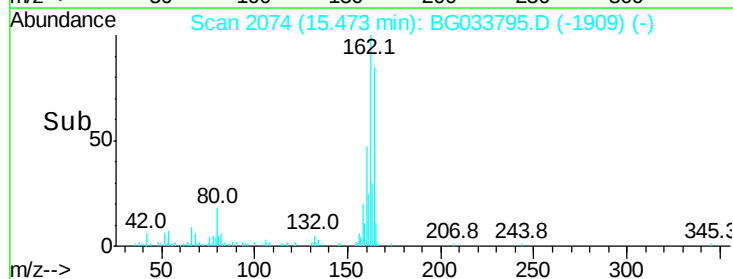
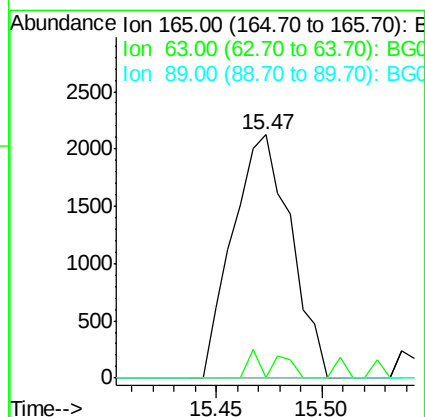
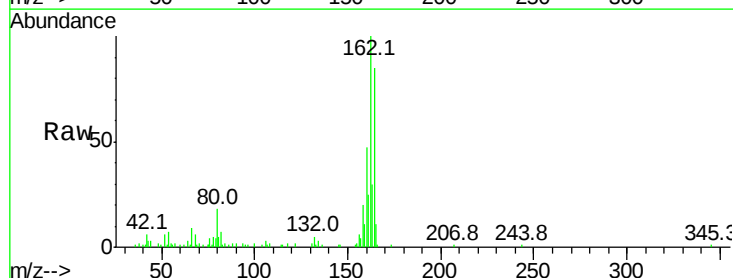
Instrument :
BNA_G
ClientSampleId :

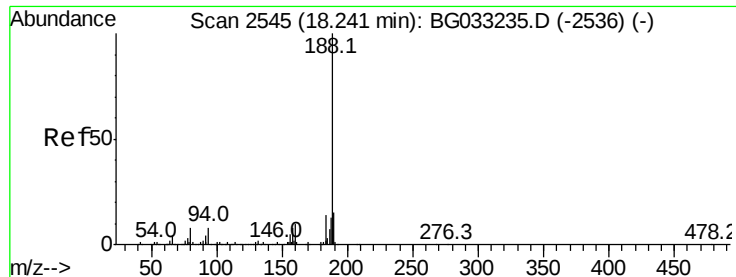
Tot Ion:163 Resp: 9029
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 5.7 8.2 12.4#



#50
2,6-Dinitrotoluene
Concen: 7.461 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033795.D
Acq: 13 Apr 2018 12:43

Tgt Ion:165 Resp: 4050
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

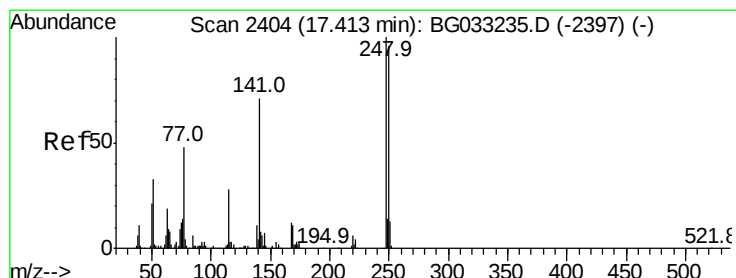
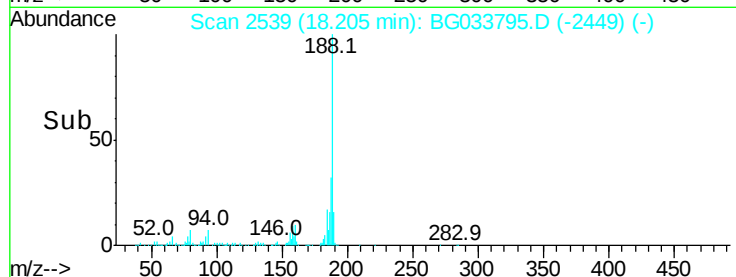
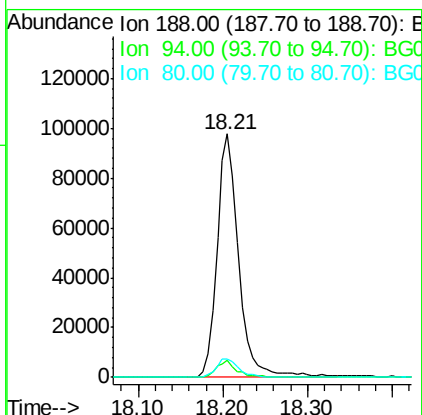
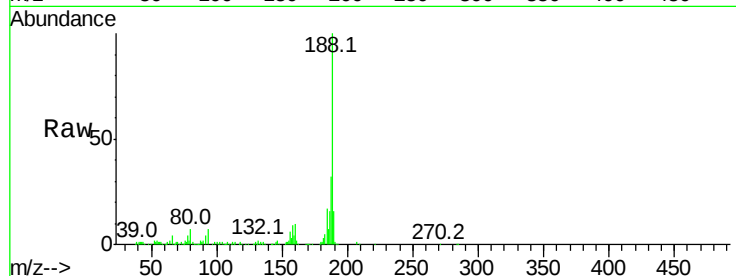




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033795.D
Acq: 13 Apr 2018 12:43

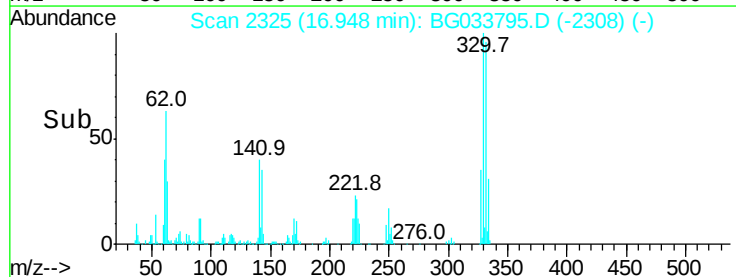
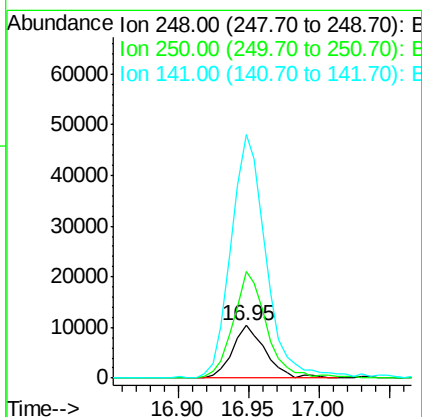
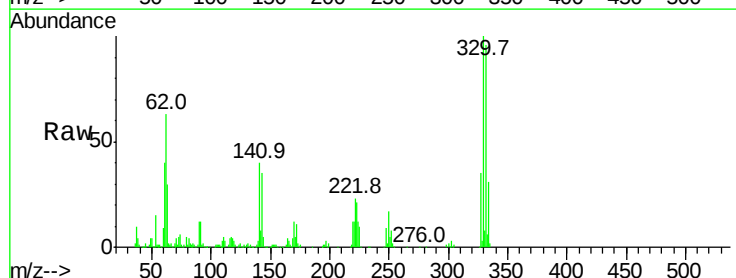
Instrument :
BNA_G
ClientSampleId :

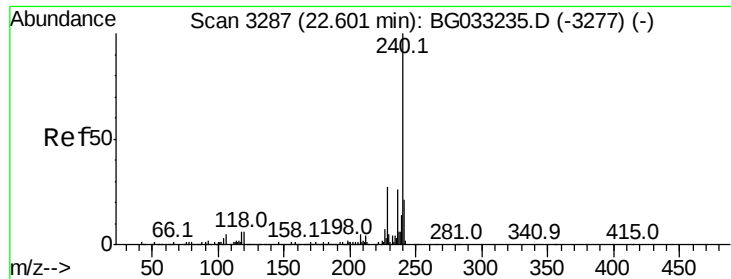
Tot Ion:188 Resp: 174457
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.3 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 8.309 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033795.D
Acq: 13 Apr 2018 12:43

Tgt Ion:248 Resp: 17023
Ion Ratio Lower Upper
248 100
250 202.2 77.1 115.7#
141 462.6 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033795.D

Acq: 13 Apr 2018 12:43

Instrument :

BNA_G

ClientSampleId :

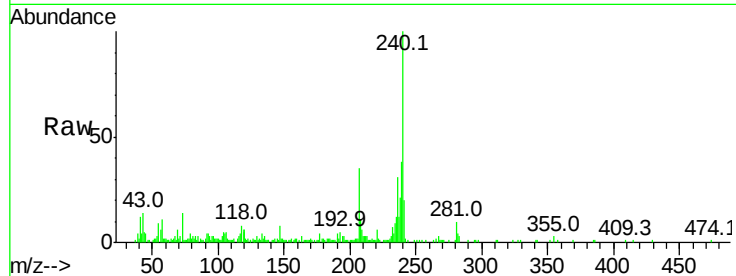
Tot Ion:240 Resp: 53516

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

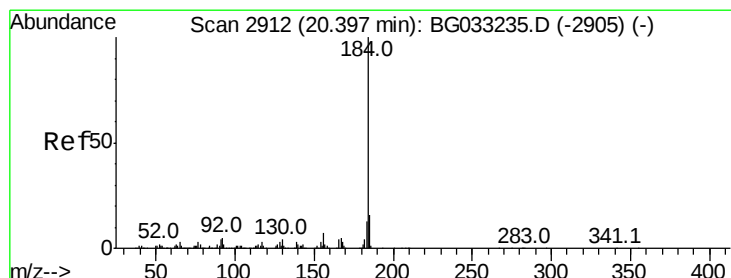
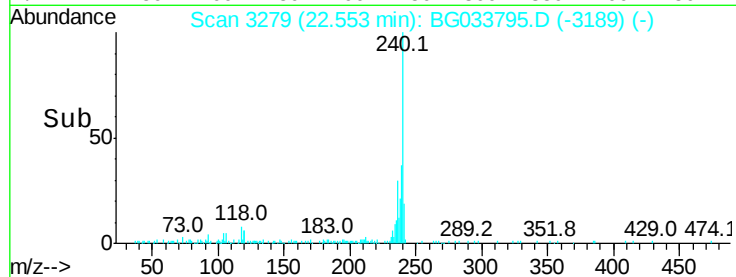
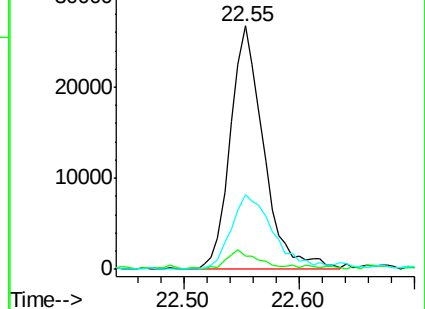
236 30.7 20.9 31.3



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: 11.542 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033795.D

Acq: 13 Apr 2018 12:43

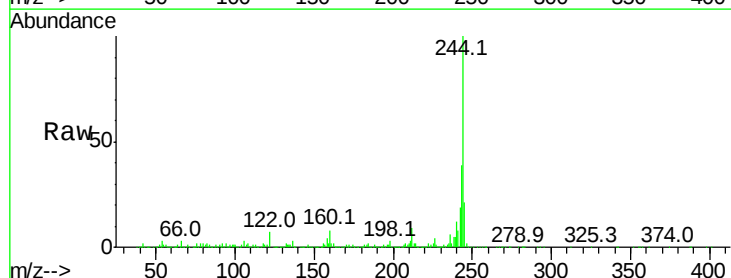
Tgt Ion:184 Resp: 16751

Ion Ratio Lower Upper

184 100

185 19.2 11.1 16.7#

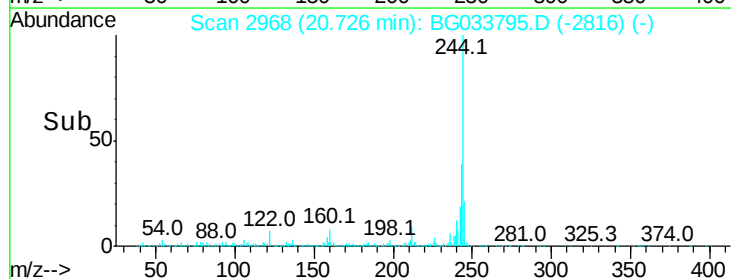
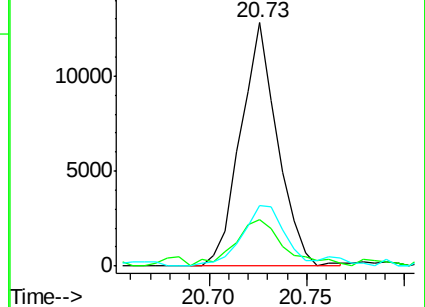
183 24.7 10.6 16.0#

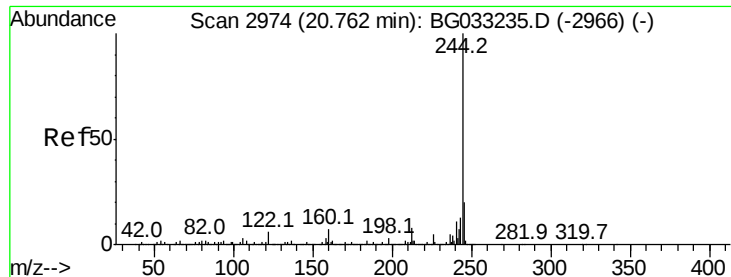


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 345.103 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033795.D

Acq: 13 Apr 2018 12:43

Instrument :

BNA_G

ClientSampleId :

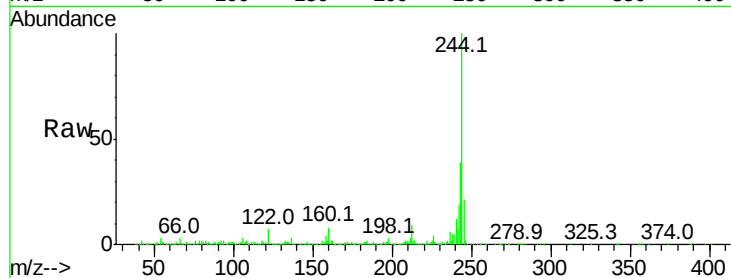
Tot Ion:244 Resp: 863579

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

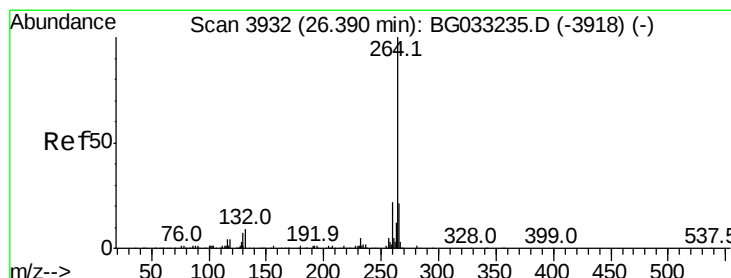
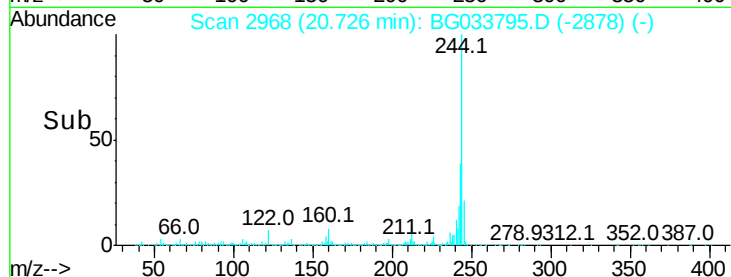
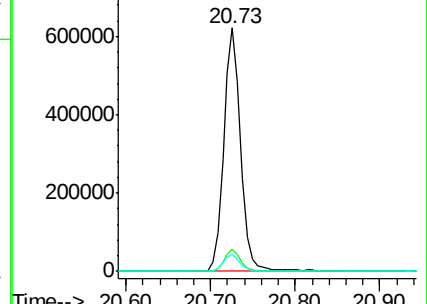
122 7.1 7.0 10.4



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: 26.33 min Scan# 3921

Delta R.T. 0.02 min

Lab File: BG033795.D

Acq: 13 Apr 2018 12:43

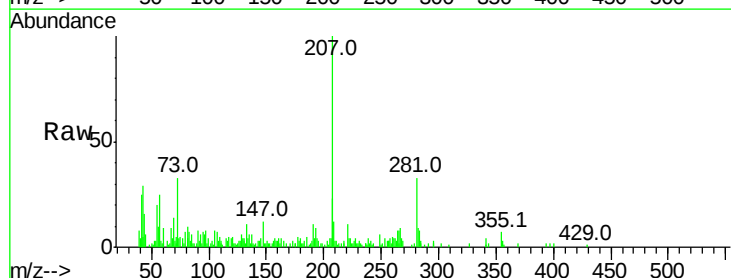
Tgt Ion:264 Resp: 2286

Ion Ratio Lower Upper

264 100

260 59.7 17.4 26.0#

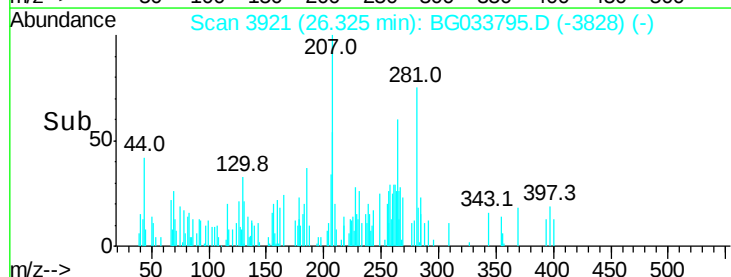
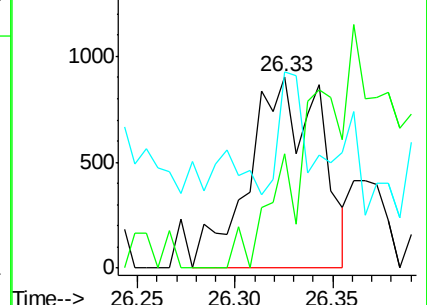
265 102.9 17.7 26.5#

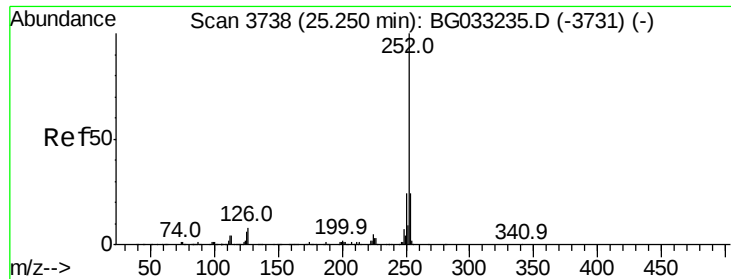


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 3.301 ng

RT: 25.20 min Scan# 3730

Delta R.T. 0.02 min

Lab File: BG033795.D

Acq: 13 Apr 2018 12:43

Instrument :

BNA_G

ClientSampleId :

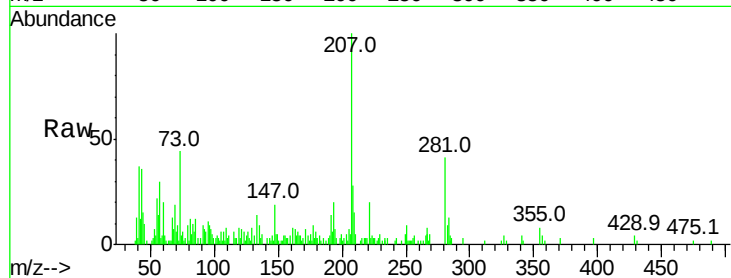
Tot Ion:252 Resp: 441

Ion Ratio Lower Upper

252 100

253 53.0 17.4 26.2#

125 87.5 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

