

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033788.D
 Acq On : 13 Apr 2018 00:58
 Operator : SJ/JU
 Sample : J2337-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 02:24:53 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

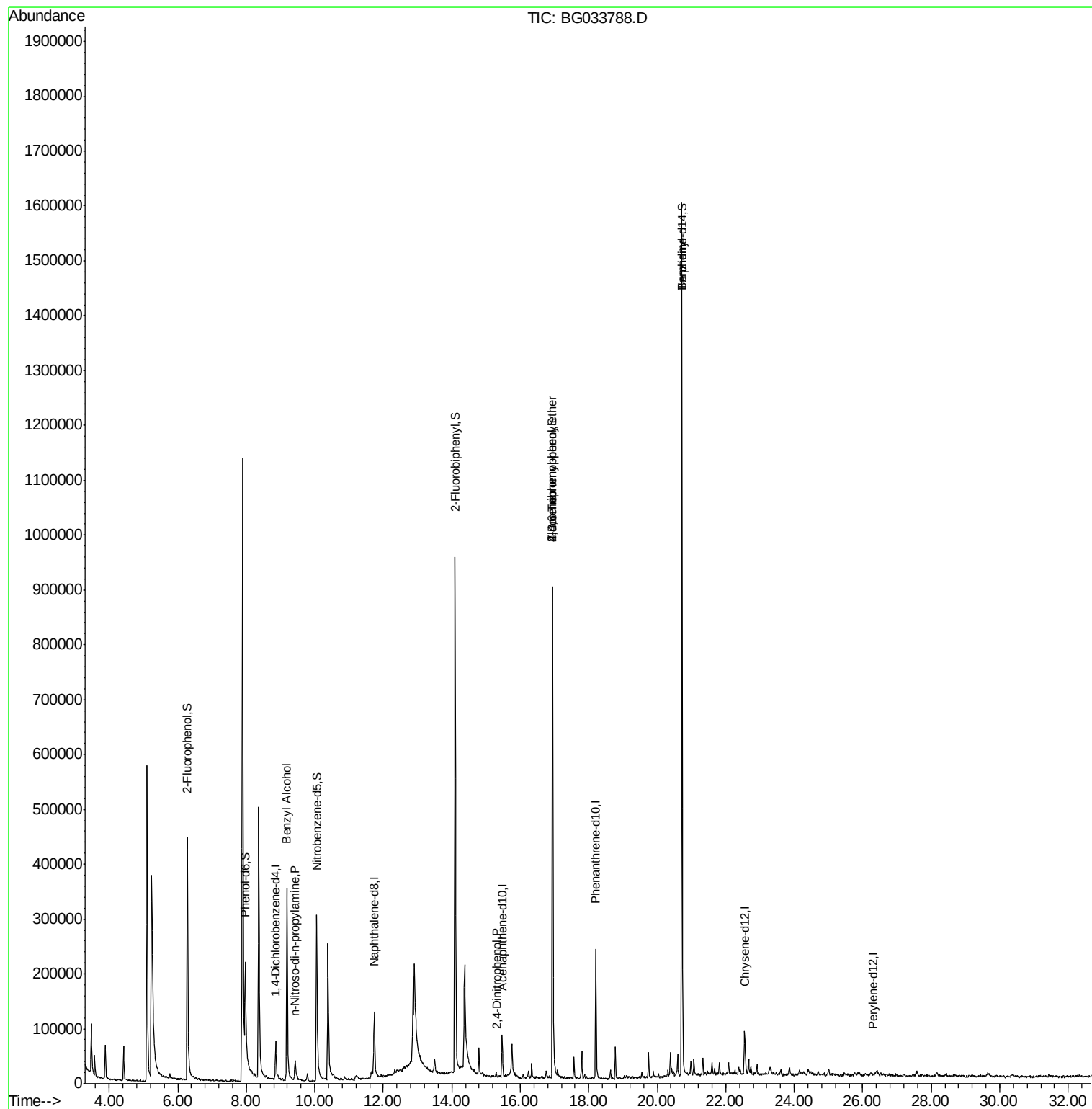
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	25186	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	108895	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	22865	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	131880	20.00	ng	0.00
75) Chrysene-d12	22.55	240	42643	20.00	ng	0.00
86) Perylene-d12	26.30	264	795	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	213778	159.16	ng	0.00
7) Phenol-d6	7.97	99	119325	51.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	235256	99.26	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	181701	531.33	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	541917	342.15	ng	0.00
78) Terphenyl-d14	20.72	244	682575	342.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	3971	2.185	ng	# 63
19) n-Nitroso-di-n-propylamine	9.43	70	5097	3.014	ng	# 60
53) 2,4-Dinitrophenol	15.31	184	56	7.883	ng	# 1
57) Fluorene	16.94	166	5505	3.002	ng	# 77
66) 4-Bromophenyl-phenylether	16.95	248	13624	8.796	ng	# 1
76) Benzidine	20.72	184	12433	10.751	ng	# 90

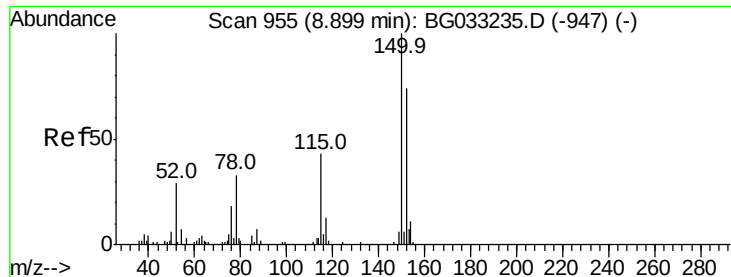
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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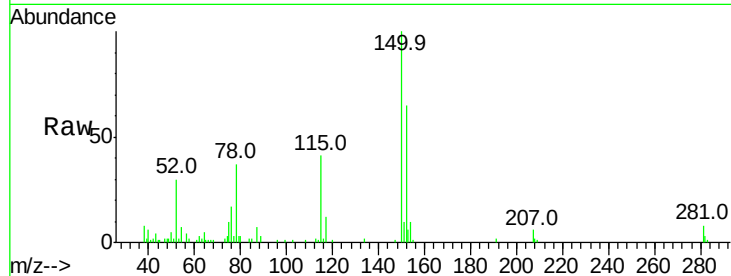


#1

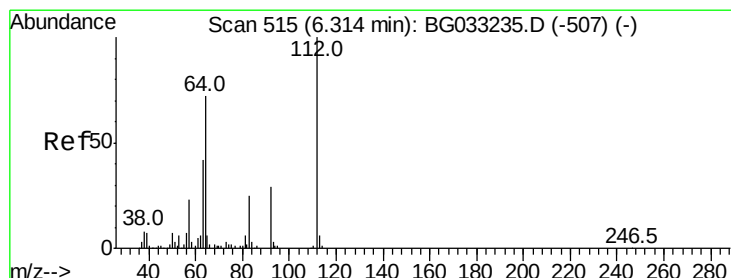
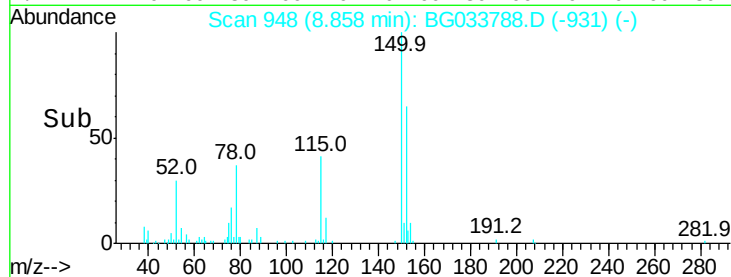
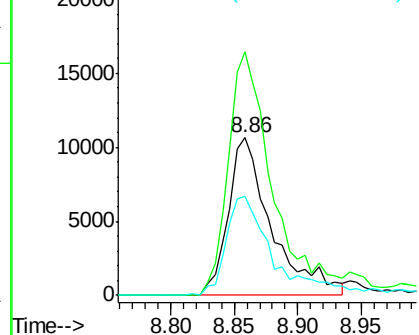
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033788.D
Acq: 13 Apr 2018 00:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25186
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 63.1 53.0 79.4



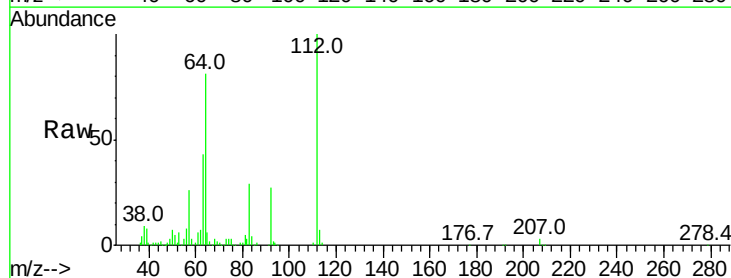
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



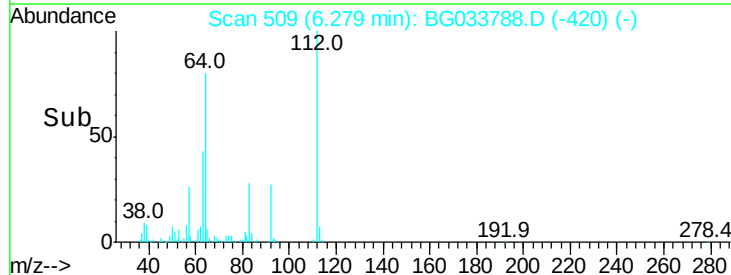
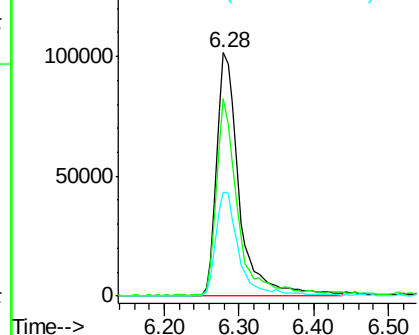
#5

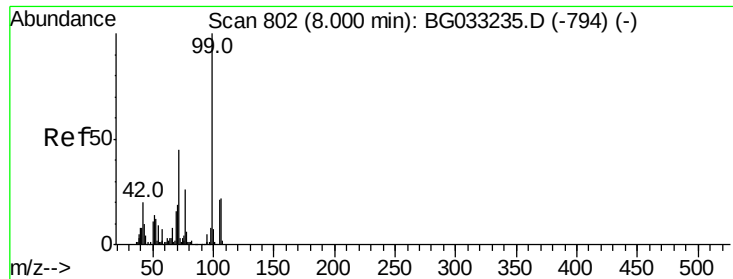
2-Fluorophenol
Concen: 159.160 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033788.D
Acq: 13 Apr 2018 00:58

Tgt Ion:112 Resp: 213778
Ion Ratio Lower Upper
112 100
64 81.1 56.3 84.5
63 42.9 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: 51.704 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

Instrument :

BNA_G

ClientSampleId :

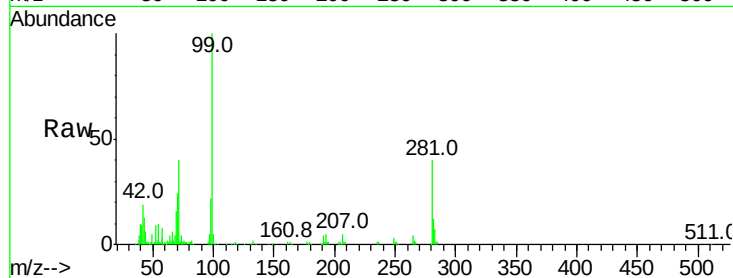
Tot Ion: 99 Resp: 119325

Ion Ratio Lower Upper

99 100

42 19.5 14.1 21.1

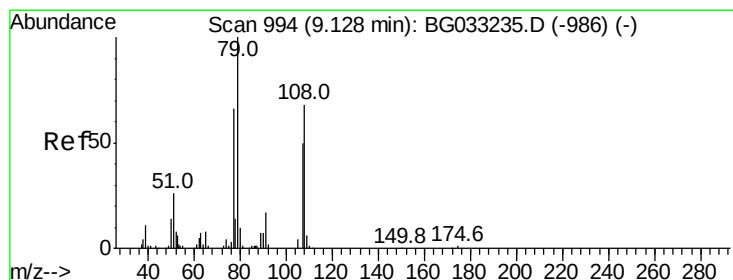
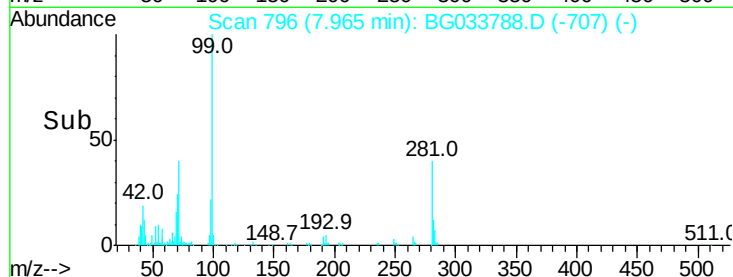
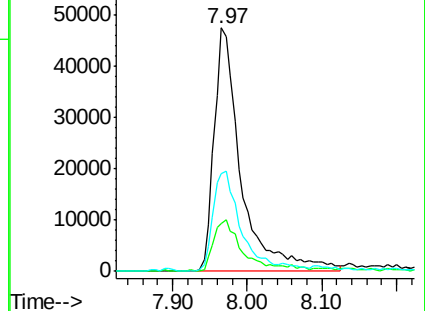
71 40.0 26.1 39.1#



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: 2.185 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.10 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

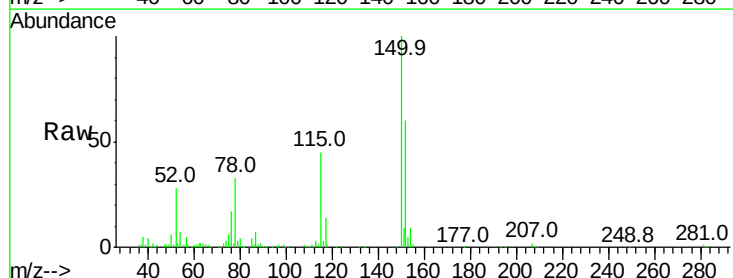
Tgt Ion: 79 Resp: 3971

Ion Ratio Lower Upper

79 100

108 36.1 57.2 85.8#

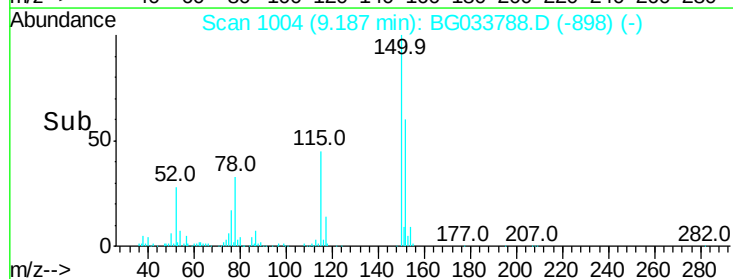
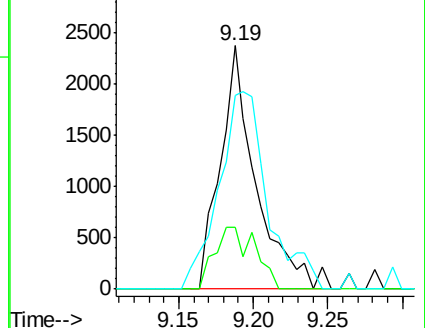
77 79.8 46.1 69.1#

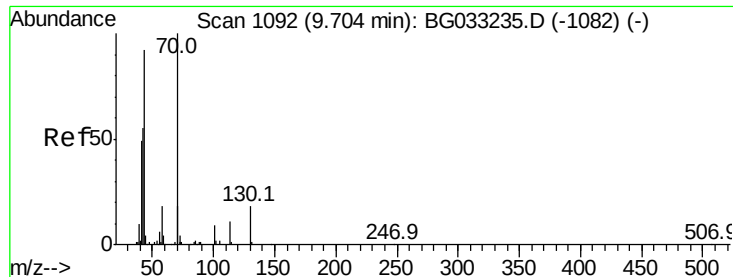


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

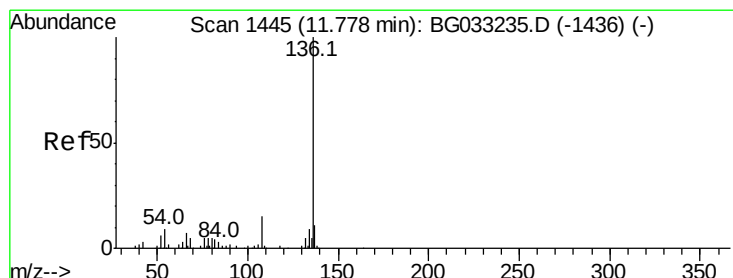
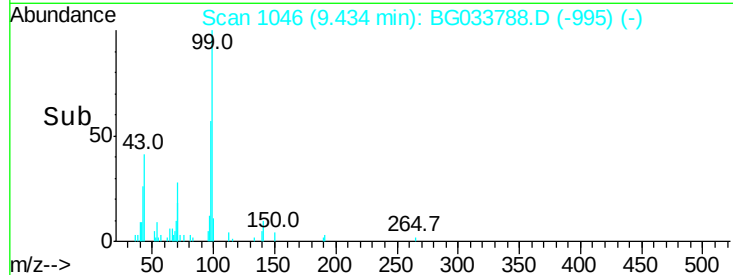
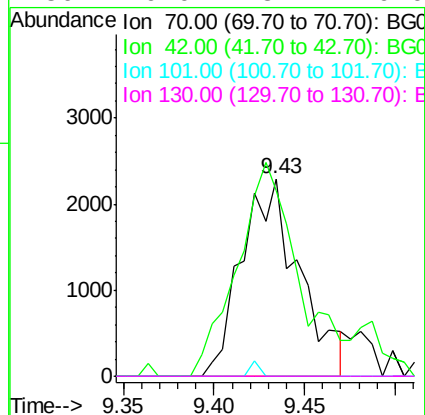
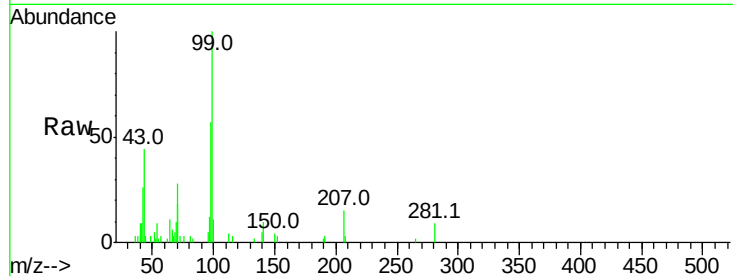




#19
n-Nitroso-di-n-propylamine
Concen: 3.014 ng
RT: 9.43 min Scan# 1046
Delta R.T. -0.23 min
Lab File: BG033788.D
Acq: 13 Apr 2018 00:58

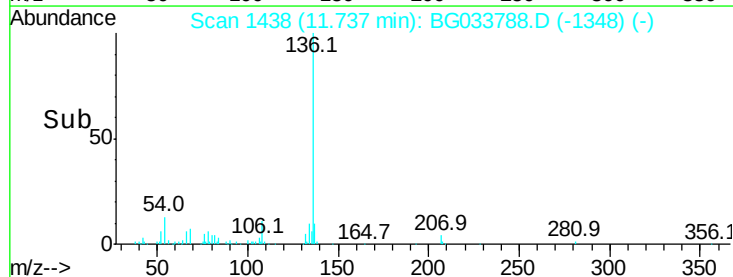
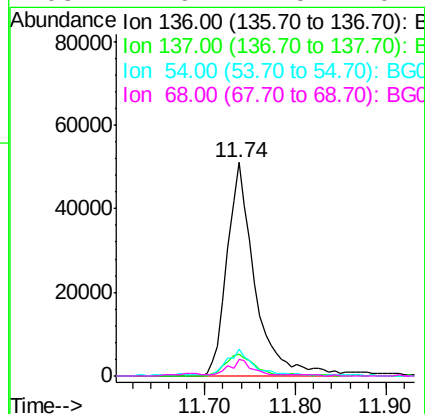
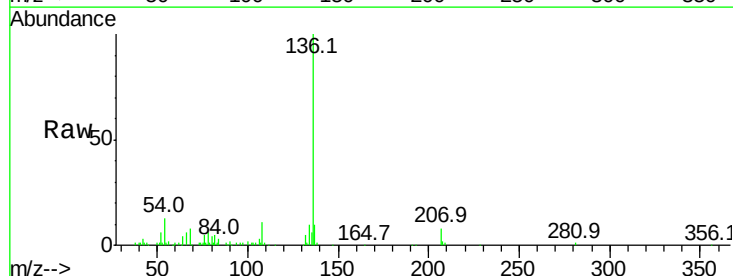
Instrument :
BNA_G
ClientSampleId :

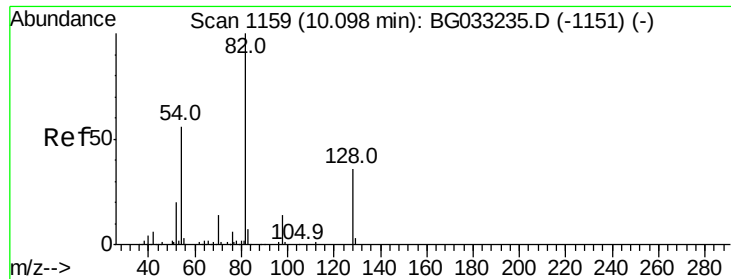
Tot Ion:	70	Resp:	5097
Ion	Ratio	Lower	Upper
70	100		
42	94.0	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033788.D
Acq: 13 Apr 2018 00:58

Tgt Ion:	136	Resp:	108895
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	12.8	10.3	15.5
68	7.6	4.5	6.7#

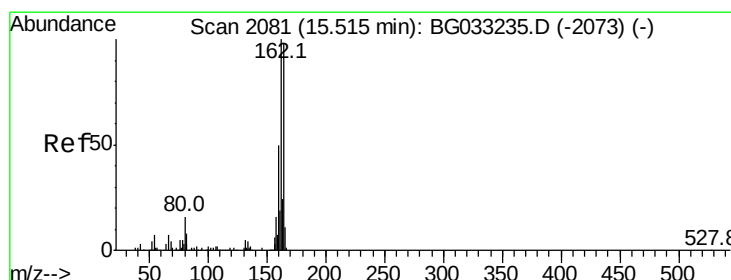
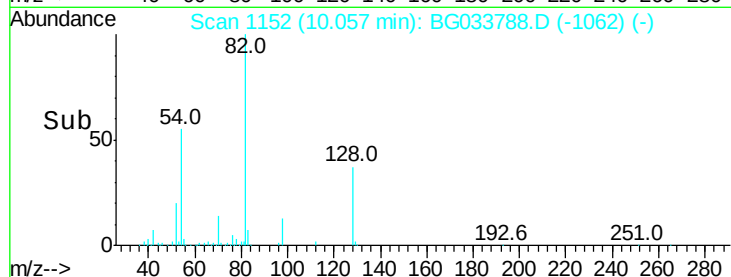
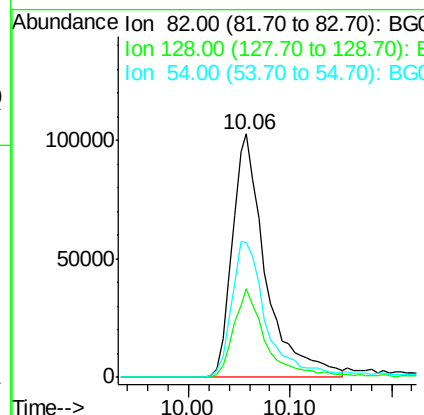
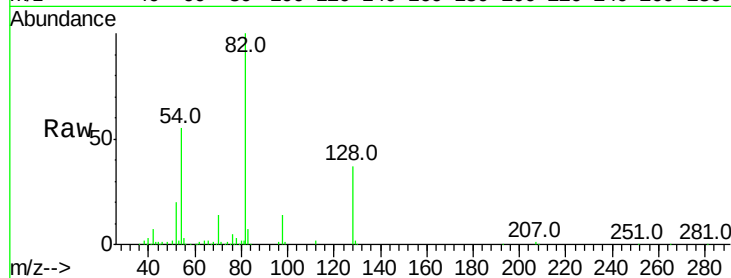




#23
 Nitrobenzene-d5
 Concen: 99.257 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033788.D
 Acq: 13 Apr 2018 00:58

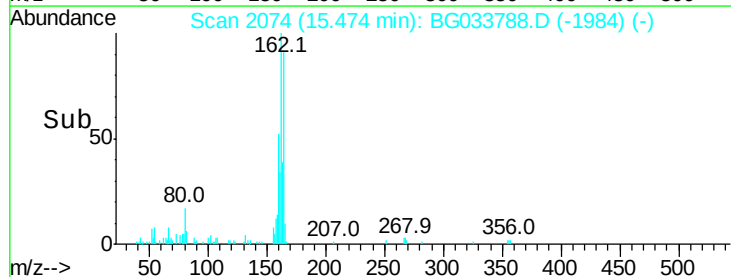
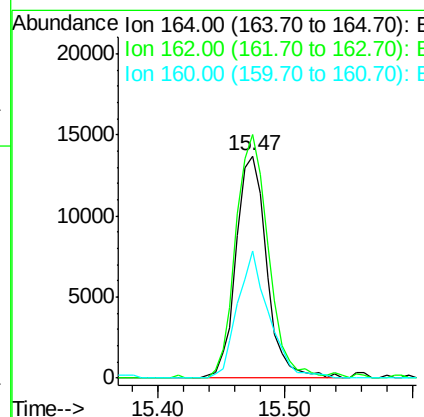
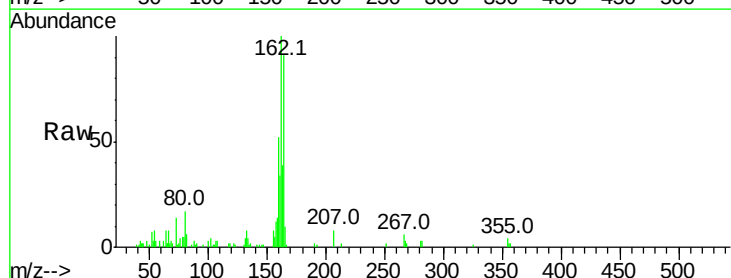
Instrument :
 BNA_G
 ClientSampleId :

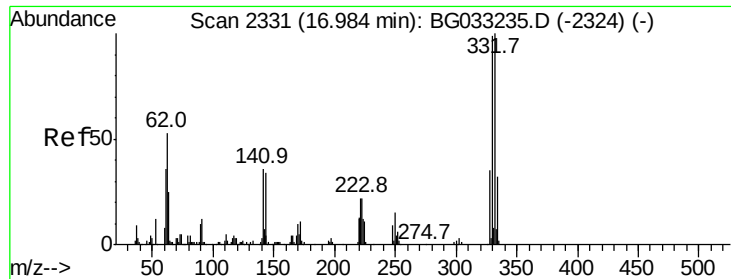
Tot Ion	82	Resp	235256
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	55.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033788.D
 Acq: 13 Apr 2018 00:58

Tgt Ion	164	Resp	22865
Ion	Ratio	Lower	Upper
164	100		
162	109.7	78.8	118.2
160	57.2	35.4	53.0

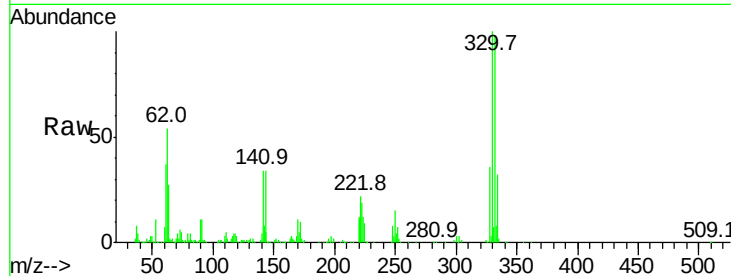




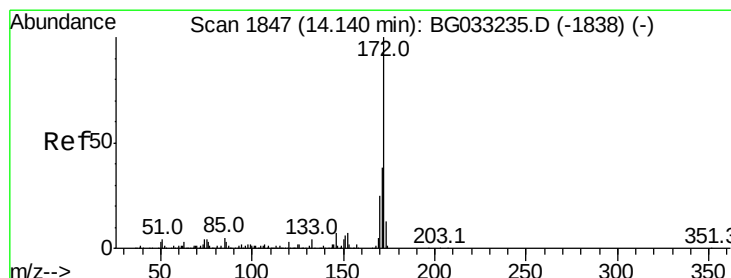
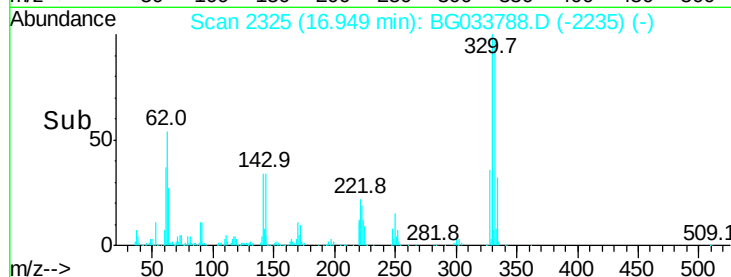
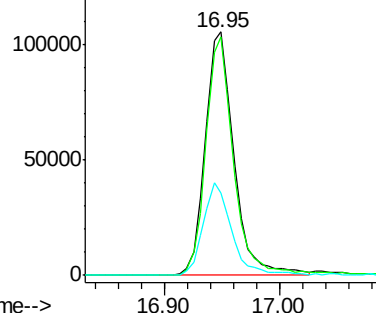
#41
 2,4,6-Tribromophenol
 Concen: 531.332 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033788.D
 Acq: 13 Apr 2018 00:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 181701
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.8 25.2 37.8

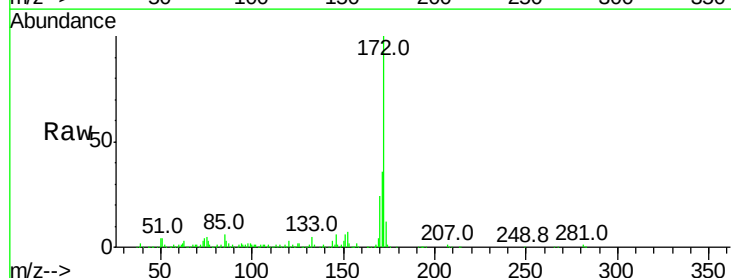


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

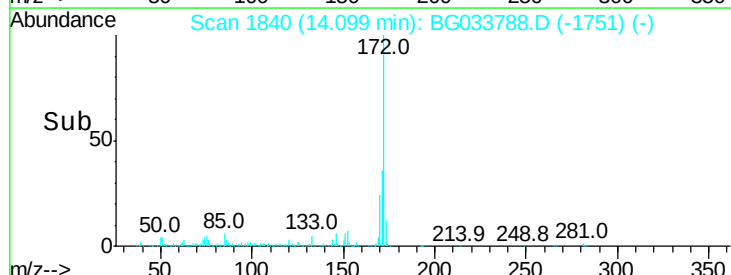
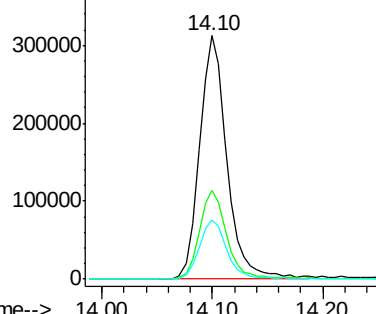


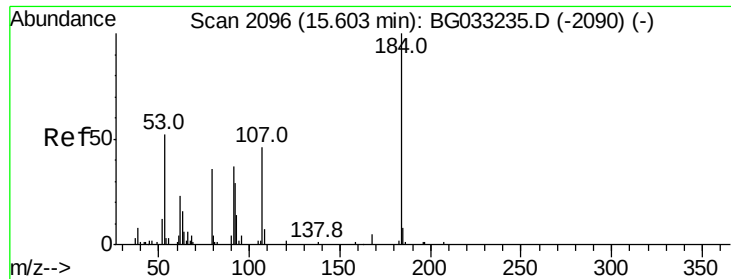
#44
 2-Fluorobiphenyl
 Concen: 342.152 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033788.D
 Acq: 13 Apr 2018 00:58

Tgt Ion:172 Resp: 541917
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 24.4 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

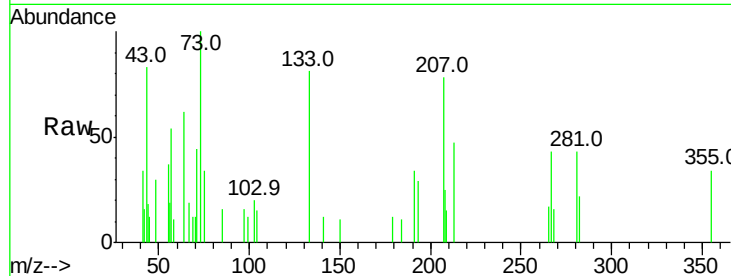




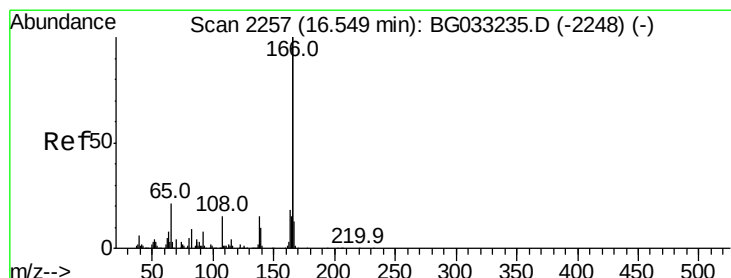
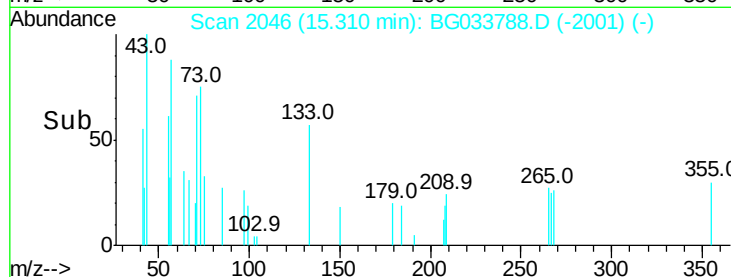
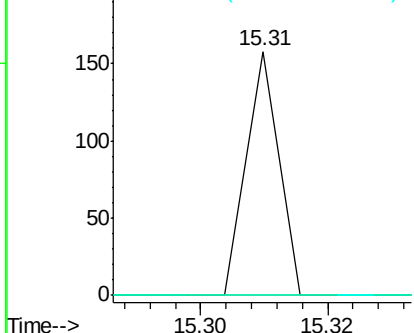
#53
 2,4-Dinitrophenol
 Concen: 7.883 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.26 min
 Lab File: BG033788.D
 Acq: 13 Apr 2018 00:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 56
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

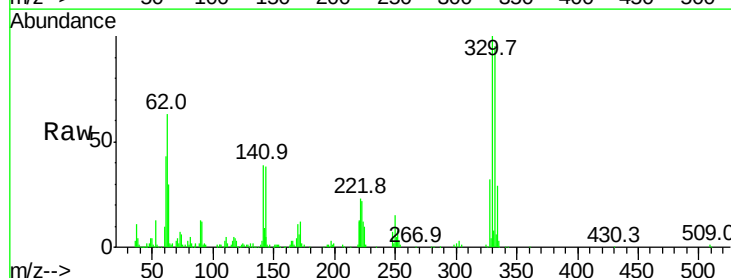


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

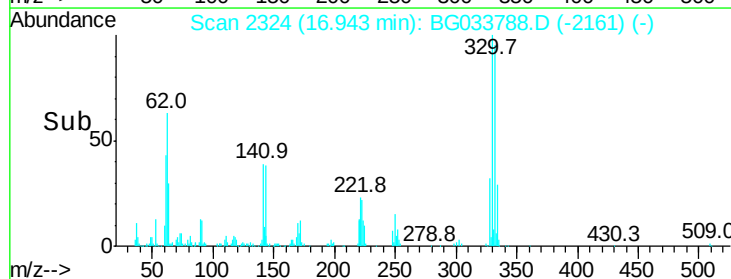
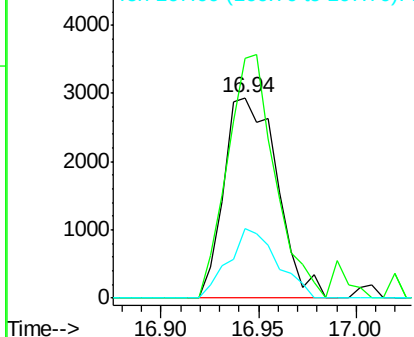


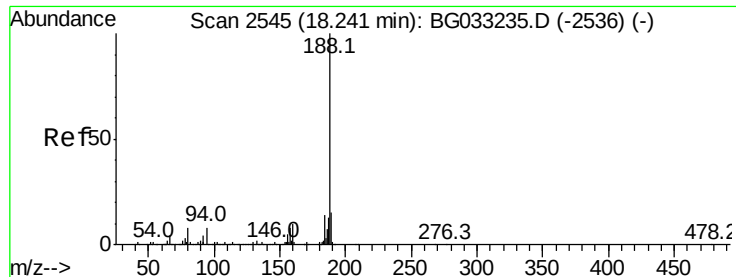
#57
 Fluorene
 Concen: 3.002 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. 0.43 min
 Lab File: BG033788.D
 Acq: 13 Apr 2018 00:58

Tgt Ion:166 Resp: 5505
 Ion Ratio Lower Upper
 166 100
 165 119.8 80.6 121.0
 167 34.8 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

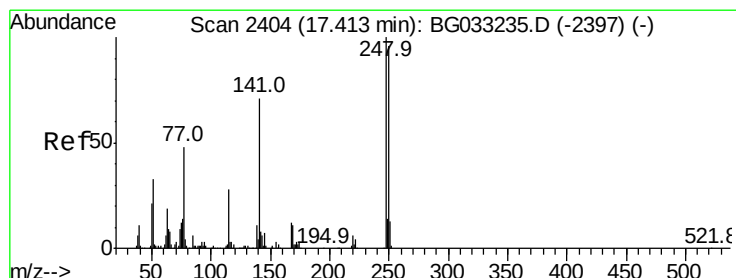
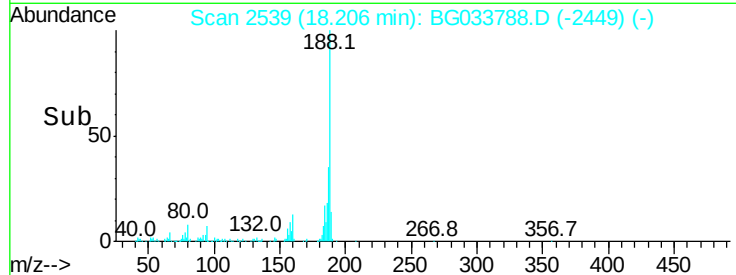
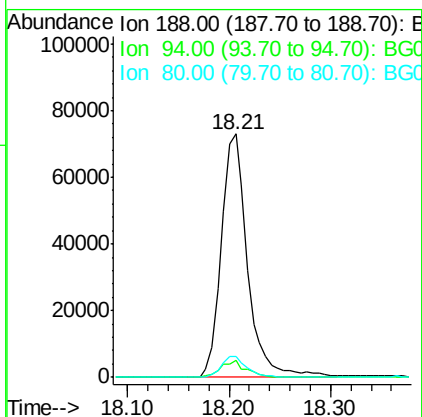
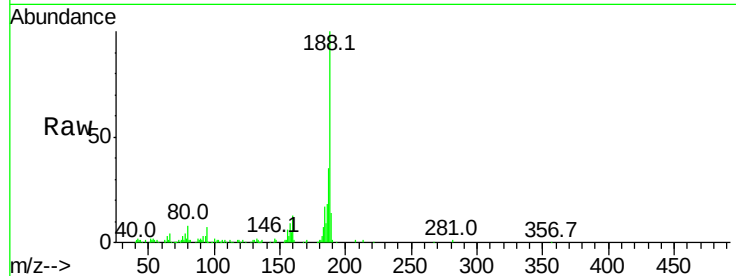




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BG033788.D
 Acq: 13 Apr 2018 00:58

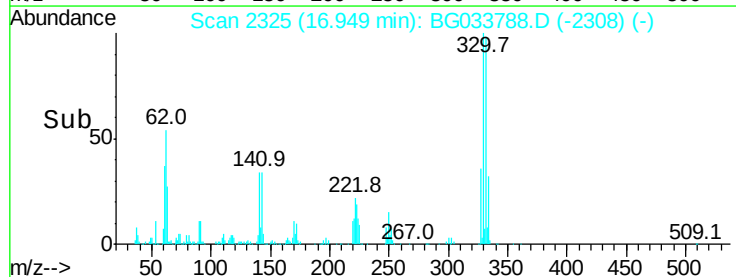
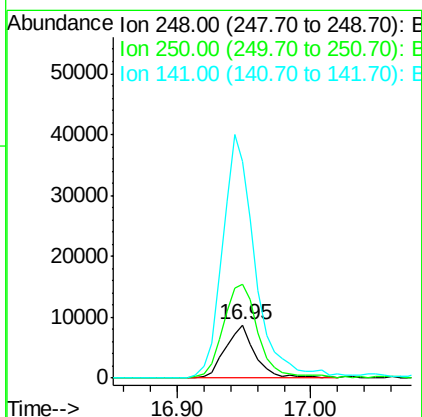
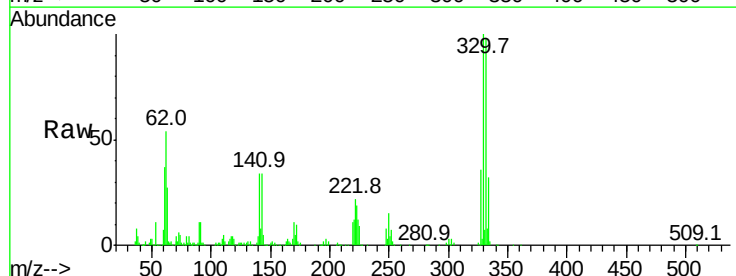
Instrument :
 BNA_G
 ClientSampleId :

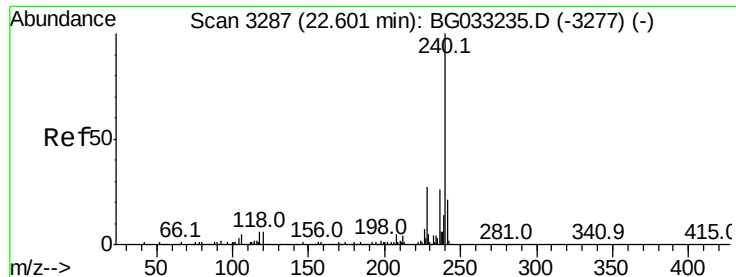
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	8.4	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 8.796 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033788.D
 Acq: 13 Apr 2018 00:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	177.0	77.1	115.7#
141	408.6	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

Instrument :

BNA_G

ClientSampled :

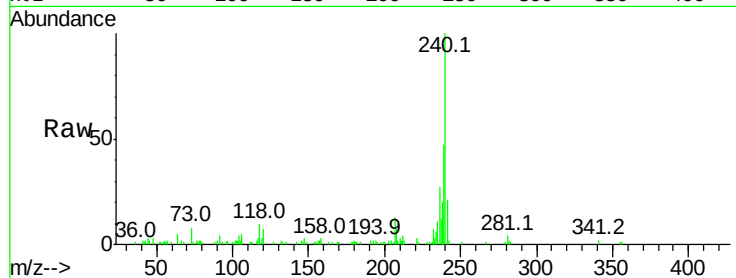
Tot Ion:240 Resp: 42643

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

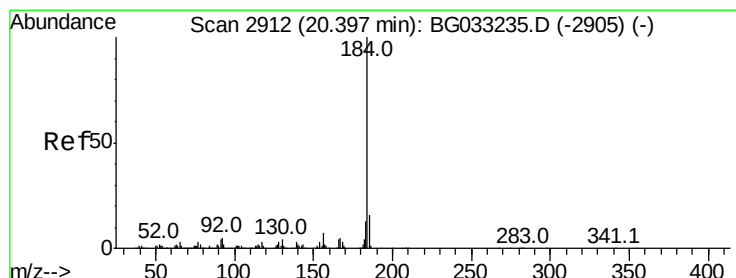
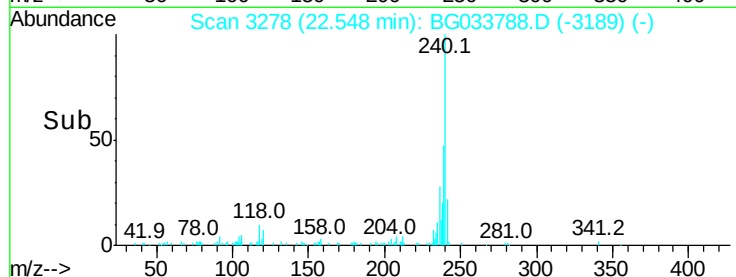
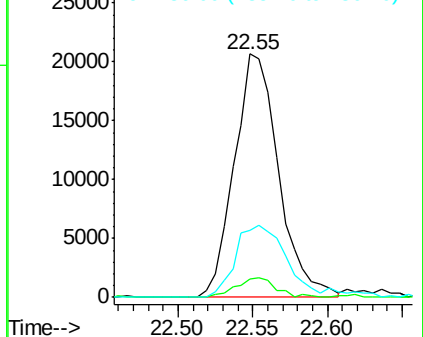
236 27.3 20.9 31.3



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: 10.751 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

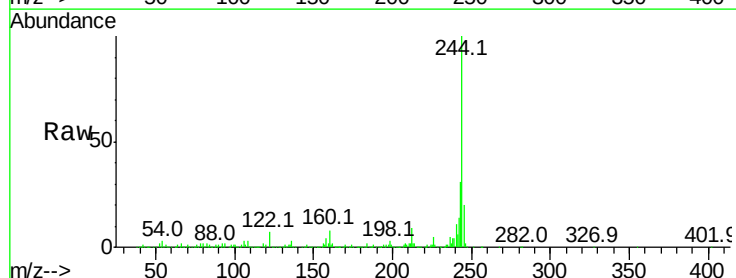
Tgt Ion:184 Resp: 12433

Ion Ratio Lower Upper

184 100

185 12.2 11.1 16.7

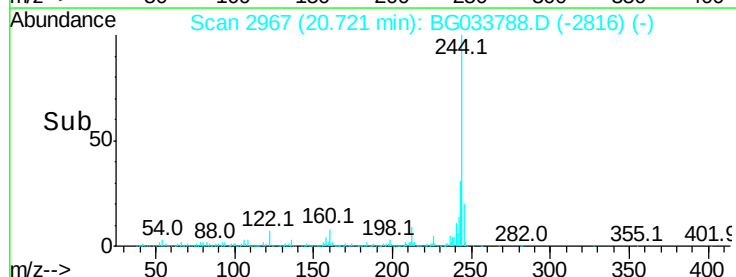
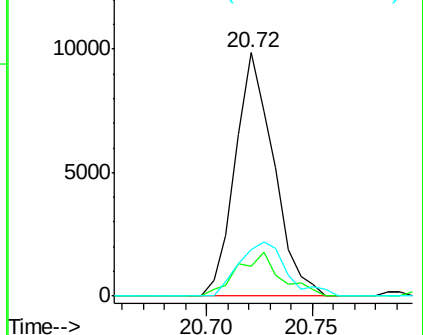
183 19.3 10.6 16.0#

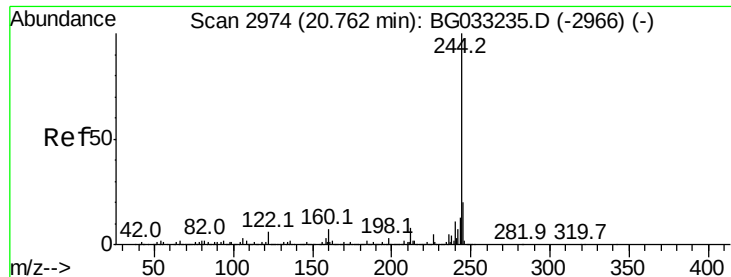


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 342.321 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

Instrument :

BNA_G

ClientSampleId :

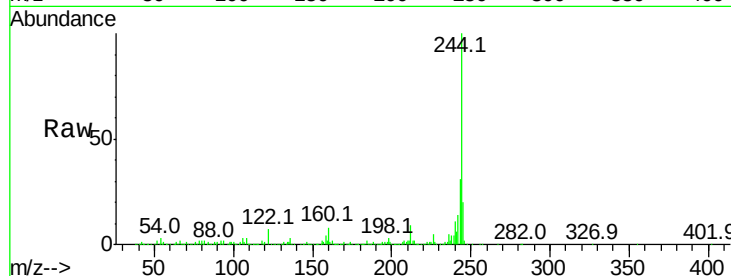
Tot Ion:244 Resp: 682575

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

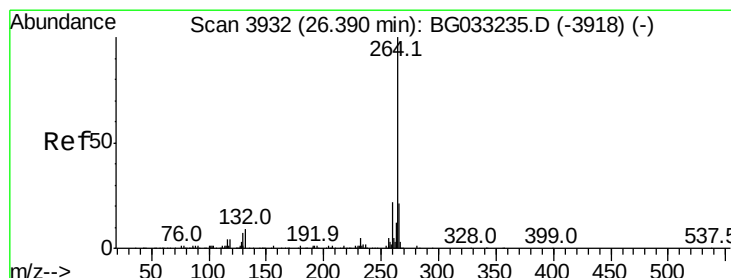
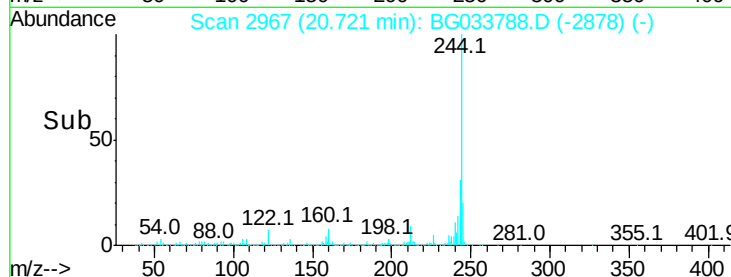
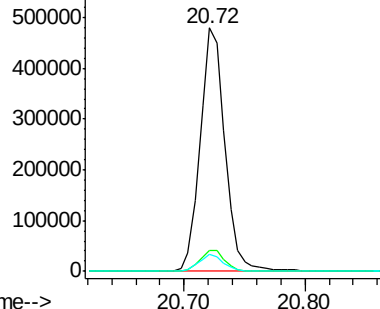
122 6.8 7.0 10.4#



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: 26.30 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BG033788.D

Acq: 13 Apr 2018 00:58

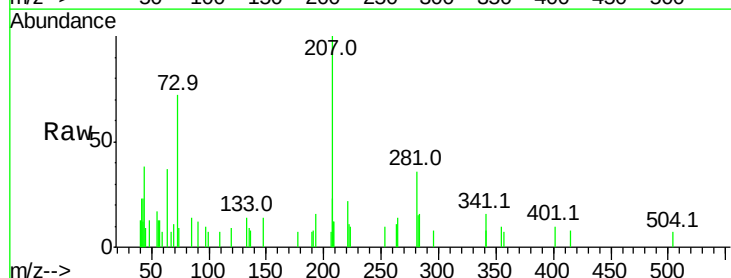
Tgt Ion:264 Resp: 795

Ion Ratio Lower Upper

264 100

260 0.0 17.4 26.0#

265 0.0 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

