

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033298.D
 Acq On : 22 Mar 2018 17:20
 Operator : SJ/JU
 Sample : J1997-40
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:15:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	38305	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	165779	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	128820	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	371098	20.00	ng	0.00
75) Chrysene-d12	22.59	240	360278	20.00	ng	0.00
86) Perylene-d12	26.39	264	363050	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.31	112	337493	165.21	ng	0.00
7) Phenol-d6	7.99	99	473115	134.79	ng	0.00
23) Nitrobenzene-d5	10.09	82	368703	102.18	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	320903	166.56	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	878578	98.46	ng	0.00
78) Terphenyl-d14	20.76	244	1744305	103.54	ng	0.00

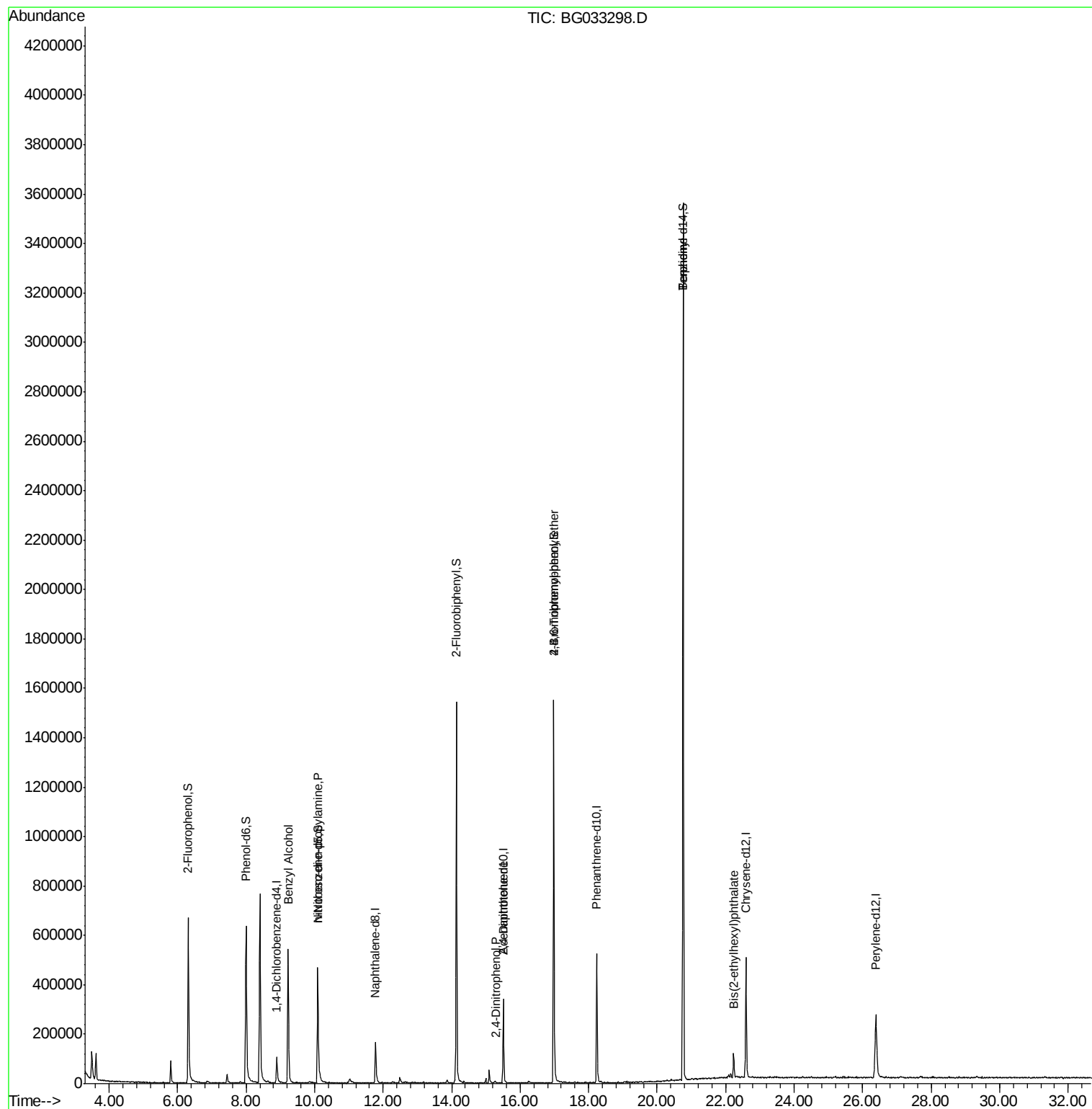
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.22	79	6265	2.267	ng	# 52
19) n-Nitroso-di-n-propylamine	10.09	70	51120	19.876	ng	# 72
53) 2,4-Dinitrophenol	15.29	184	66	7.693	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	17579	5.208	ng	# 21
66) 4-Bromophenyl-phenylether	16.98	248	24577	5.639	ng	# 1
76) Benzidine	20.76	184	28259	2.892	ng	# 91
83) Bis(2-ethylhexyl)phthalate	22.23	149	47821	3.912	ng	# 50

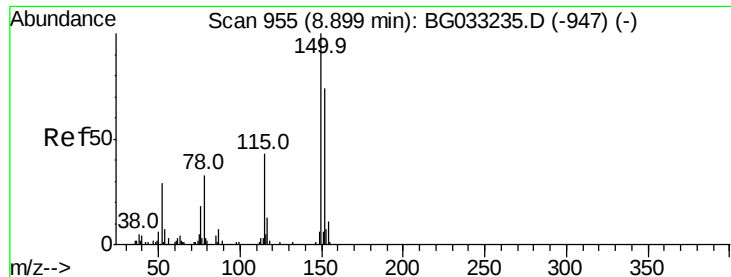
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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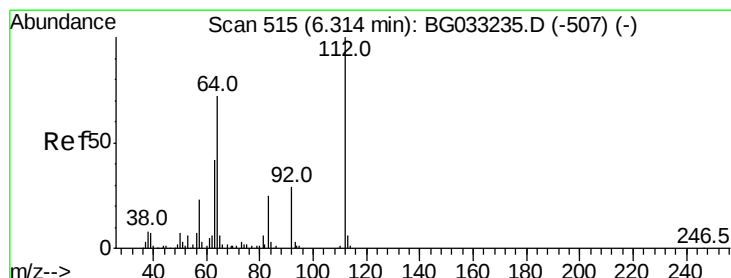
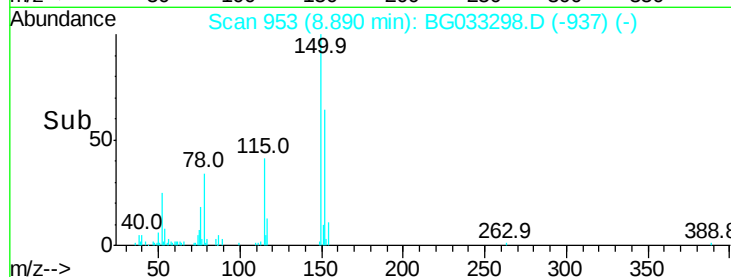
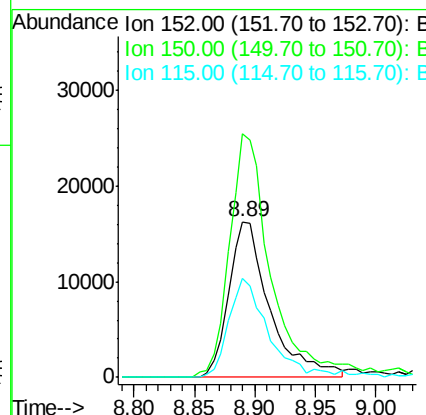
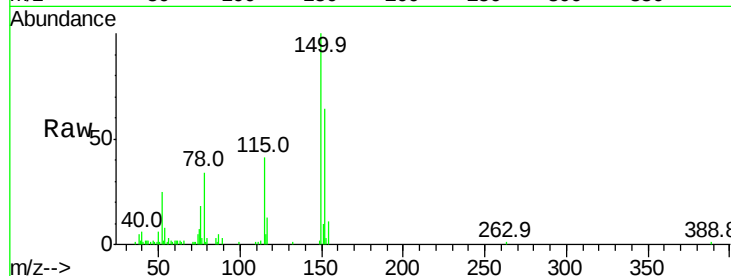


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033298.D
Acq: 22 Mar 2018 17:20

Instrument :
BNA_G
ClientSampleId :

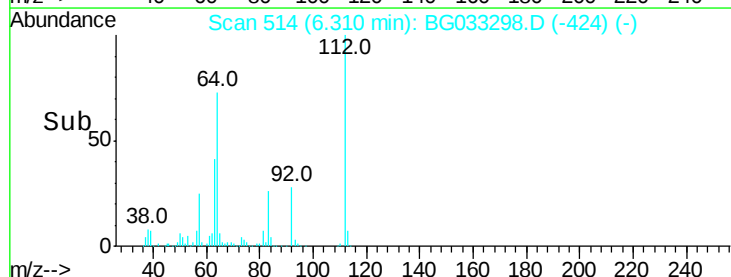
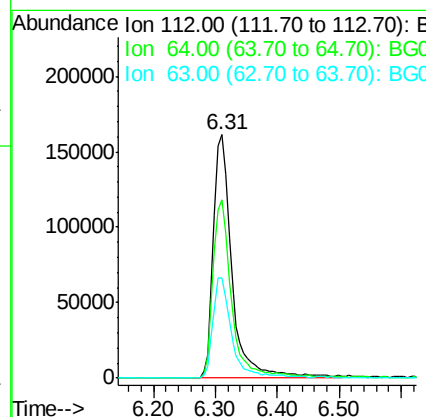
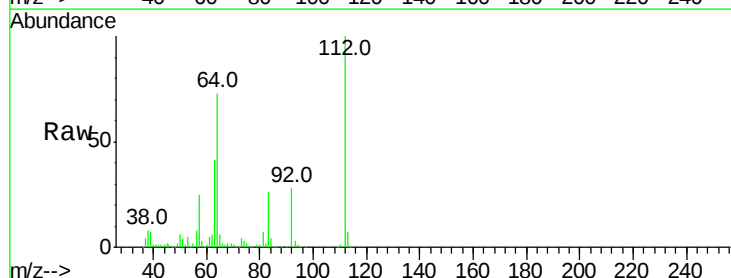
Tot Ion:152 Resp: 38305
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 63.5 53.0 79.4

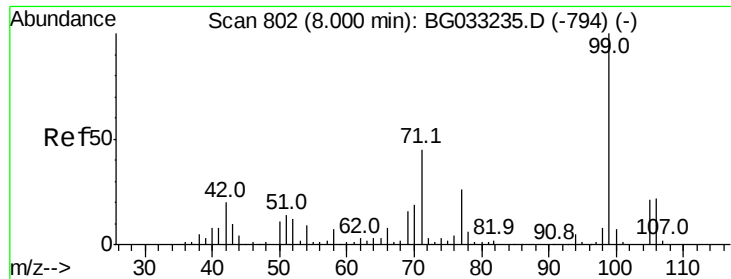


#5

2-Fluorophenol
Concen: 165.211 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033298.D
Acq: 22 Mar 2018 17:20

Tgt Ion:112 Resp: 337493
Ion Ratio Lower Upper
112 100
64 73.4 56.3 84.5
63 41.3 30.1 45.1





#7

Phenol-d6

Concen: 134.792 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG033298.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA_G

ClientSampleId :

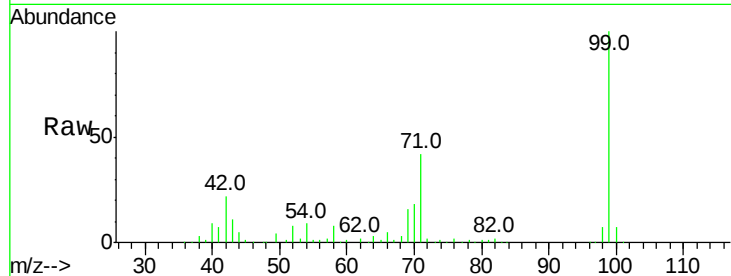
Tot Ion: 99 Resp: 473115

Ion Ratio Lower Upper

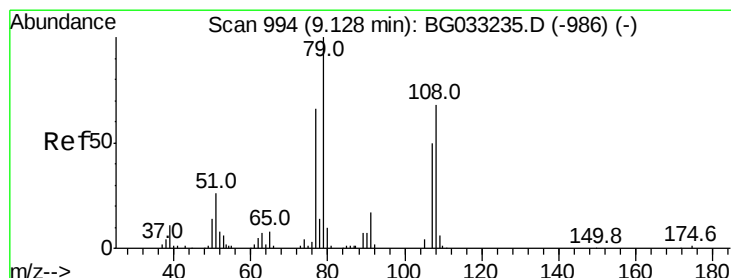
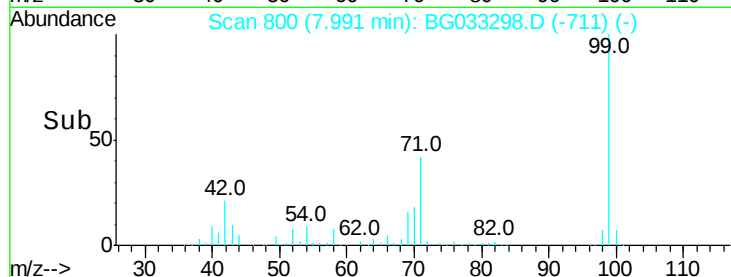
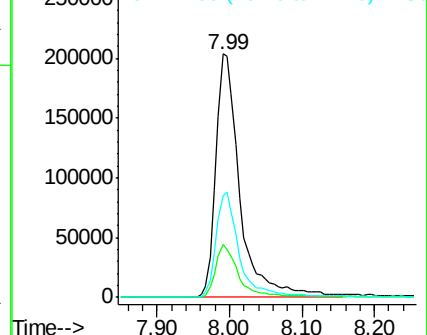
99 100

42 21.6 14.1 21.1#

71 41.7 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: 2.267 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033298.D

Acq: 22 Mar 2018 17:20

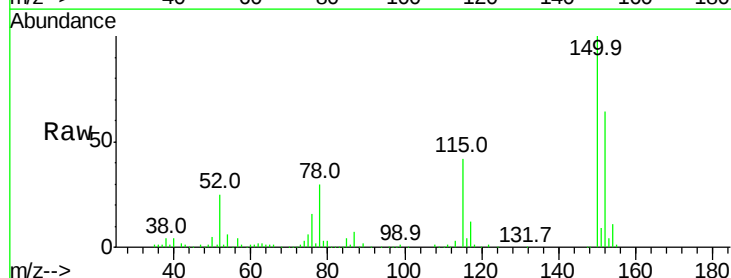
Tgt Ion: 79 Resp: 6265

Ion Ratio Lower Upper

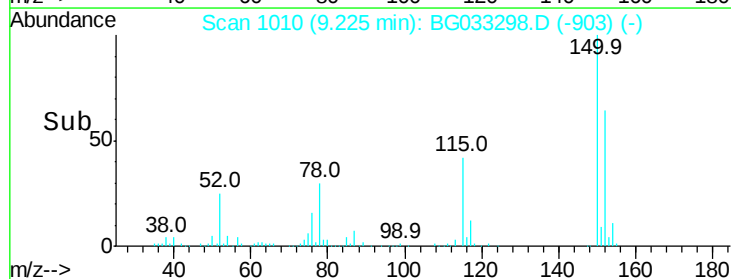
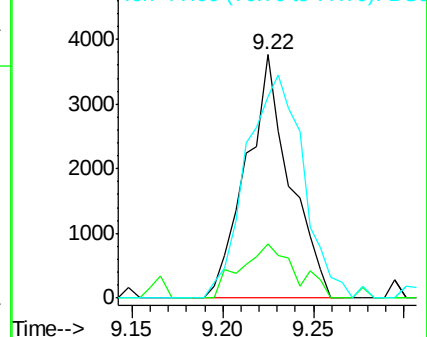
79 100

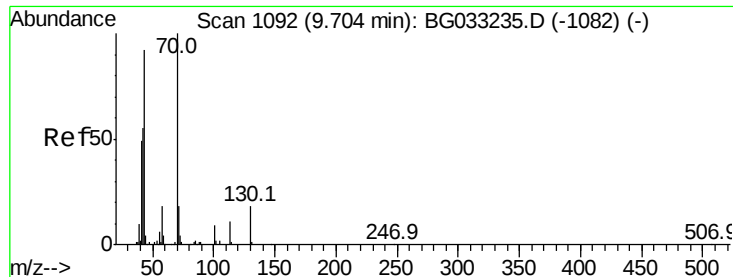
108 22.3 57.2 85.8#

77 82.5 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

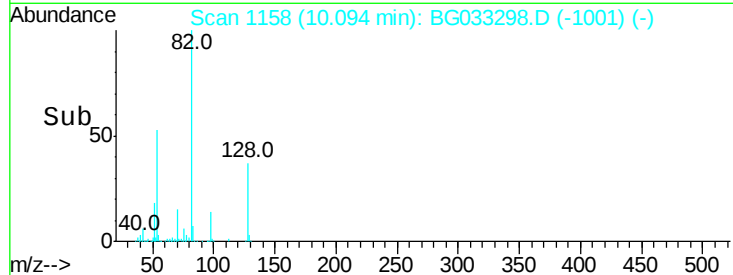
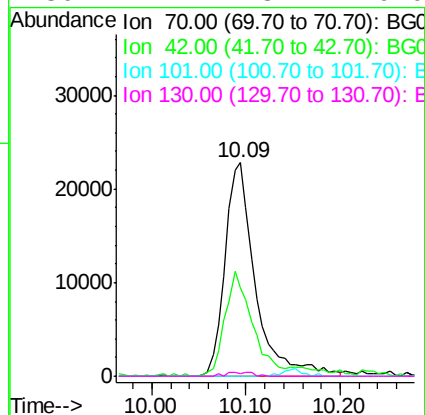
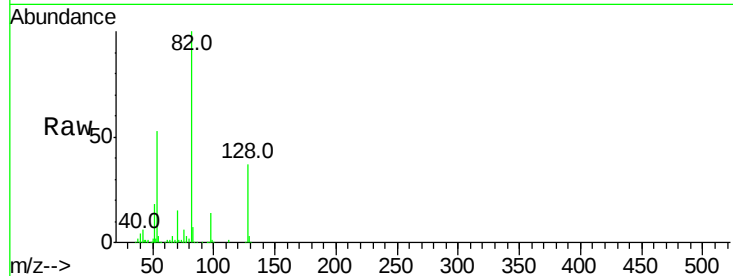




#19
n-Nitroso-di-n-propylamine
Concen: 19.876 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033298.D
Acq: 22 Mar 2018 17:20

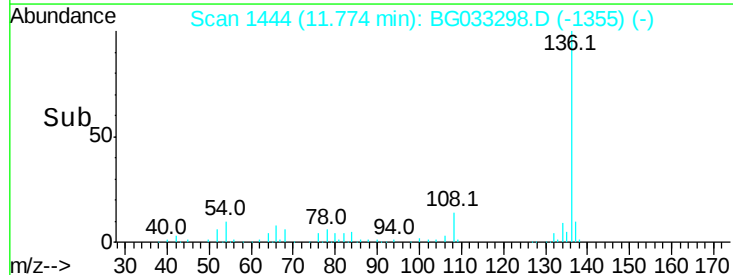
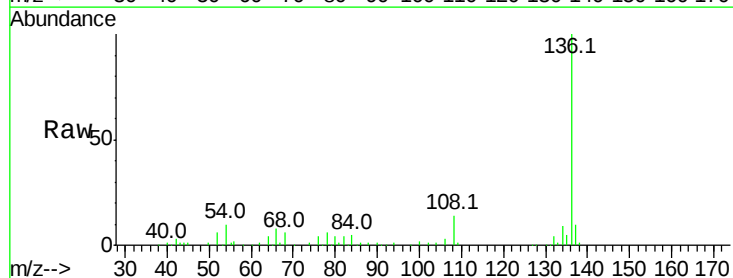
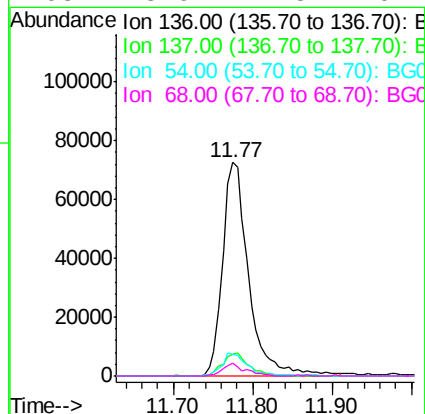
Instrument :
BNA_G
ClientSampleId :

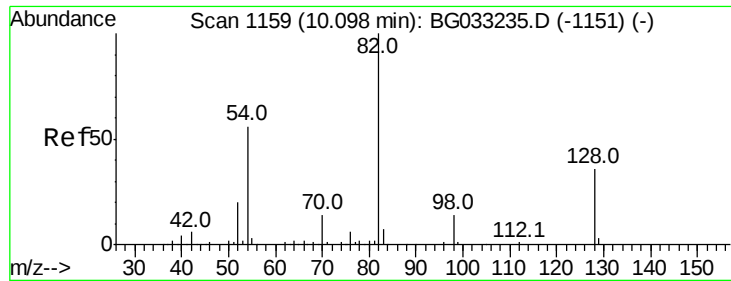
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	41.5	49.1	73.7#	
101	0.0	8.5	12.7#	
130	1.2	13.4	20.0#	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033298.D
Acq: 22 Mar 2018 17:20

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.3	9.2	13.8	
54	10.1	10.3	15.5#	
68	5.9	4.5	6.7	

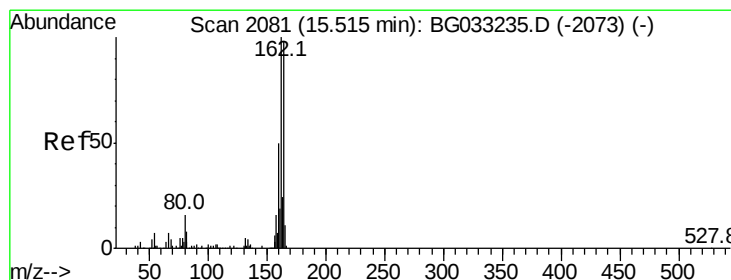
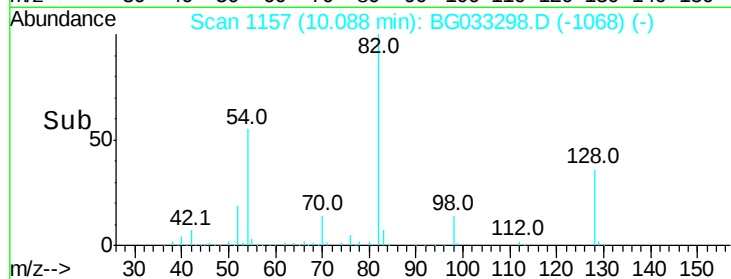
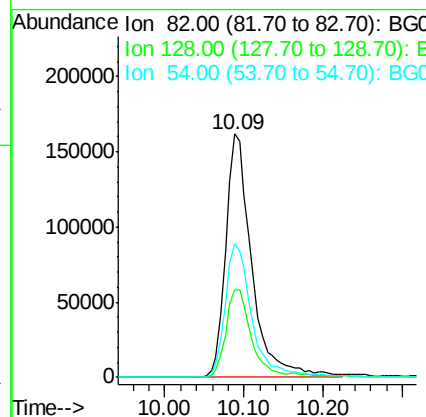
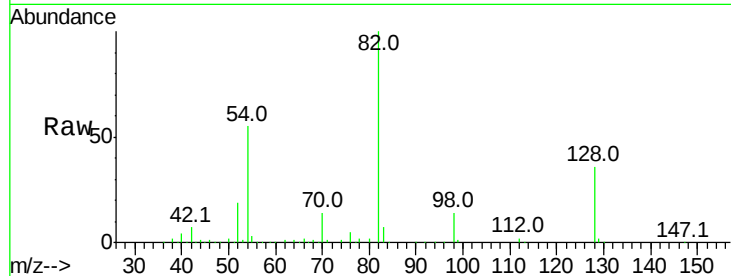




#23
 Nitrobenzene-d5
 Concen: 102.183 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BG033298.D
 Acq: 22 Mar 2018 17:20

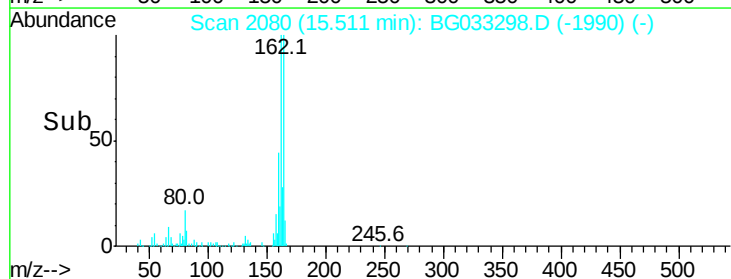
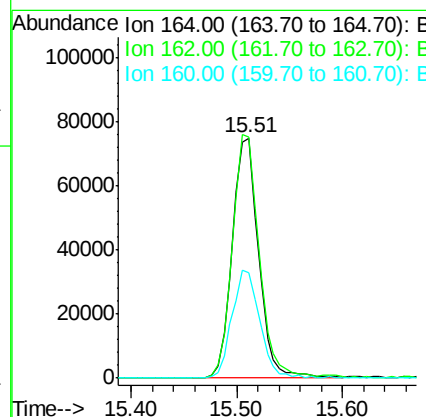
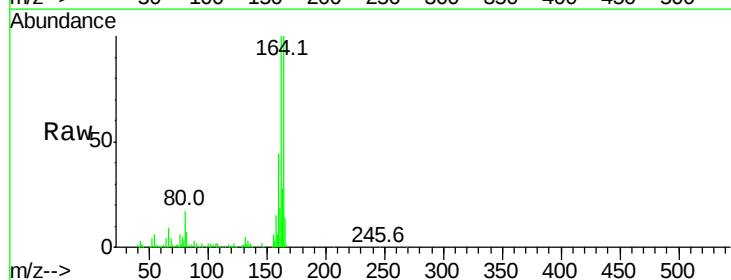
Instrument :
 BNA_G
 ClientSampleId :

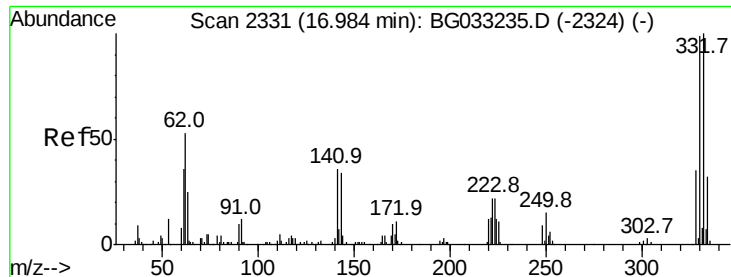
Tot Ion	82	Resp	368703
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.7	44.5
54	54.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG033298.D
 Acq: 22 Mar 2018 17:20

Tgt Ion	164	Resp	128820
Ion Ratio	Lower	Upper	
164	100		
162	100.2	78.8	118.2
160	43.8	35.4	53.0

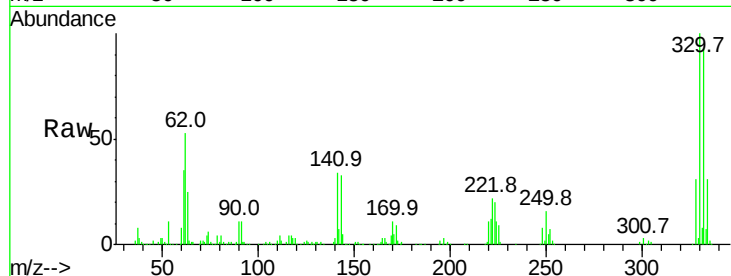




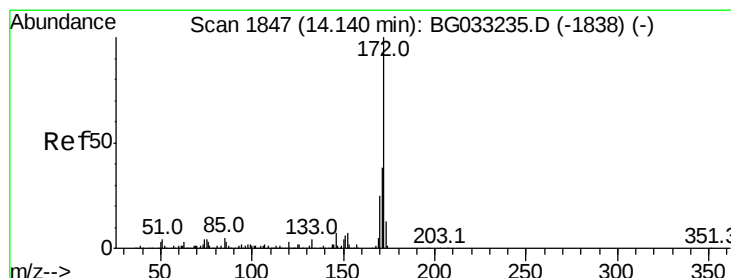
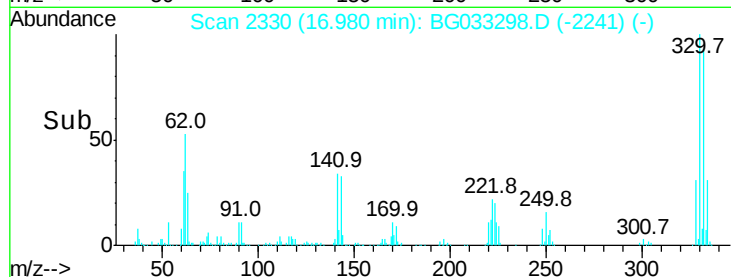
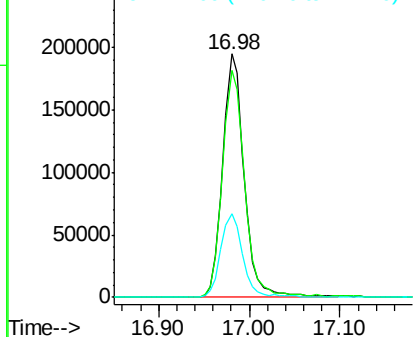
#41
 2,4,6-Tribromophenol
 Concen: 166.560 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033298.D
 Acq: 22 Mar 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	35.3	25.2	37.8

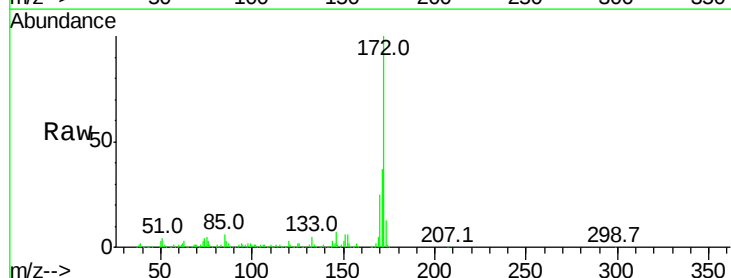


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

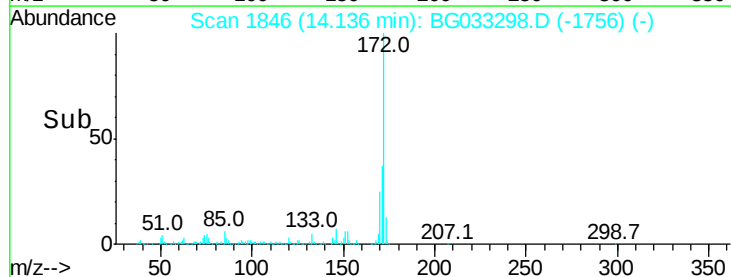
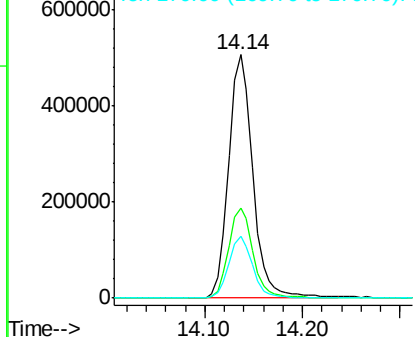


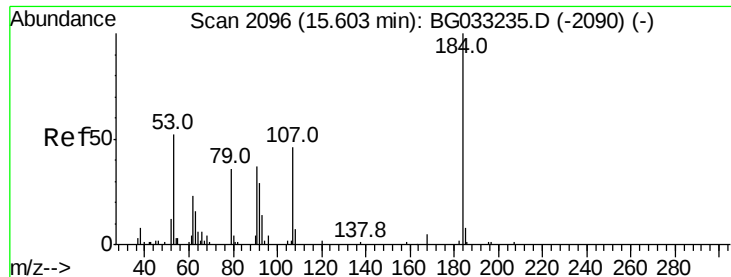
#44
 2-Fluorobiphenyl
 Concen: 98.459 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033298.D
 Acq: 22 Mar 2018 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	25.3	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

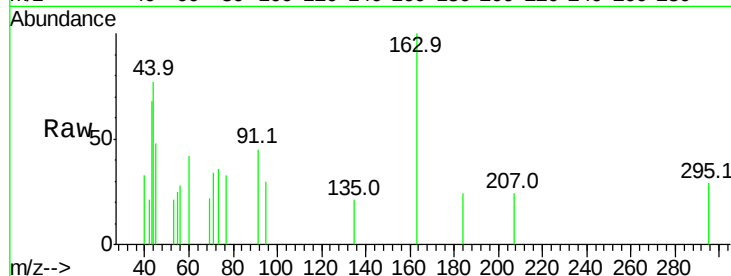




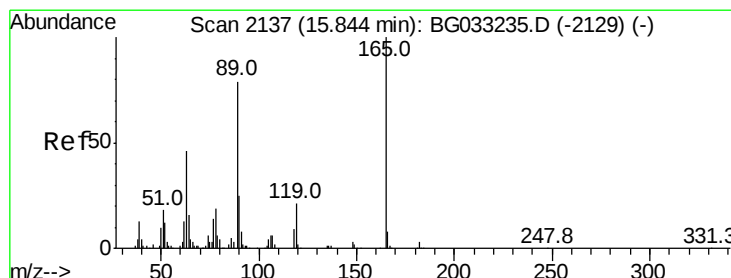
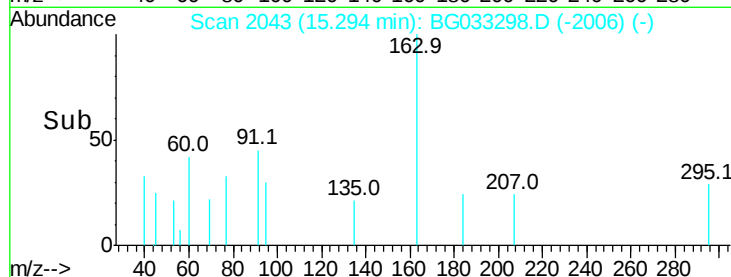
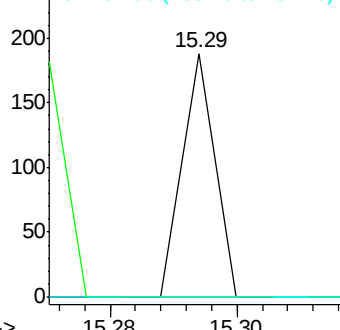
#53
 2,4-Dinitrophenol
 Concen: 7.693 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.31 min
 Lab File: BG033298.D
 Acq: 22 Mar 2018 17:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 66
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

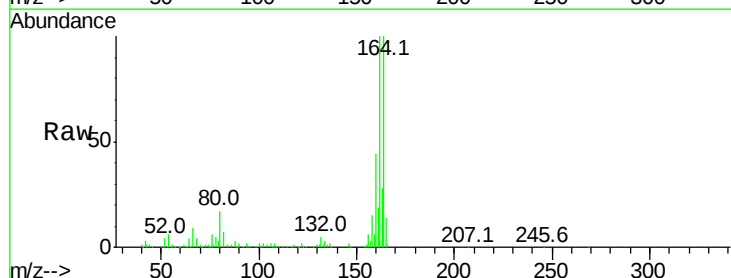


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

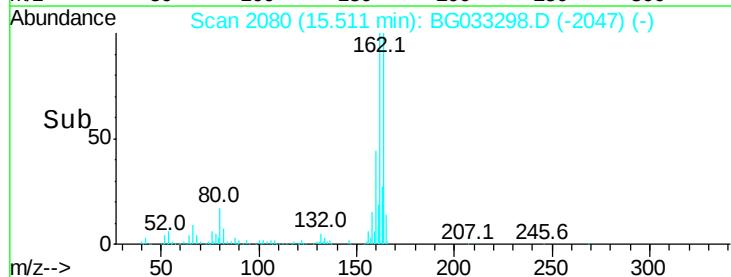
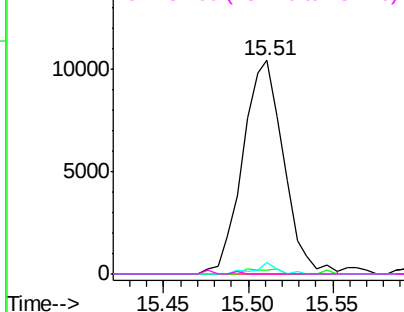


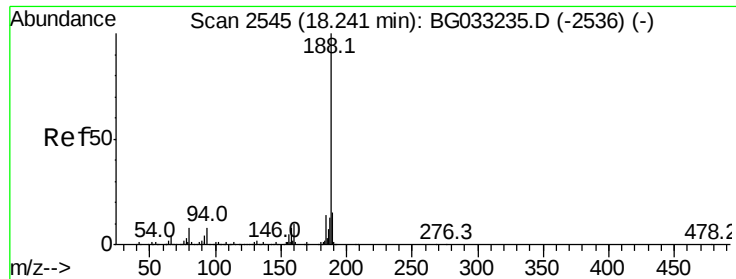
#56
 2,4-Dinitrotoluene
 Concen: 5.208 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.34 min
 Lab File: BG033298.D
 Acq: 22 Mar 2018 17:20

Tgt Ion:165 Resp: 17579
 Ion Ratio Lower Upper
 165 100
 63 1.6 42.0 63.0#
 89 5.3 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

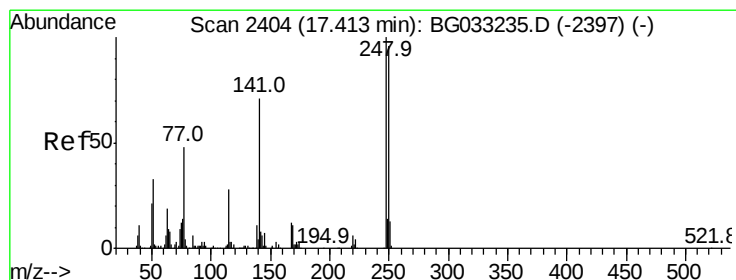
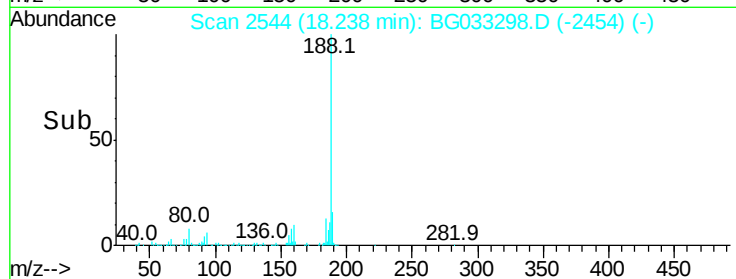
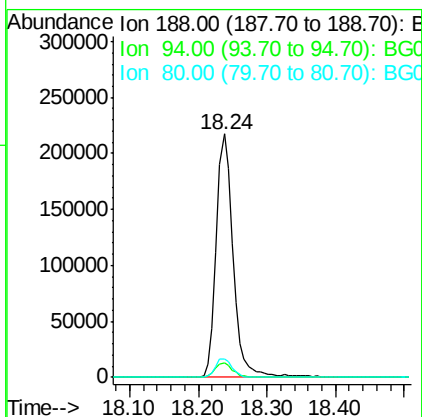
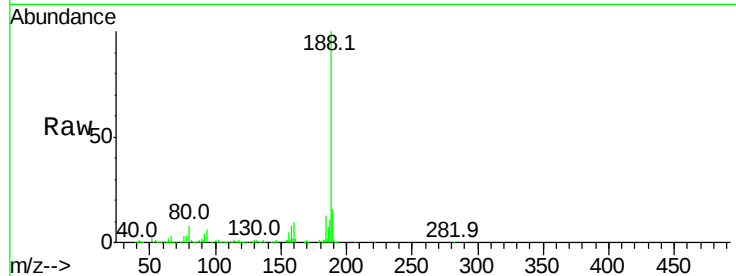




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033298.D
Acq: 22 Mar 2018 17:20

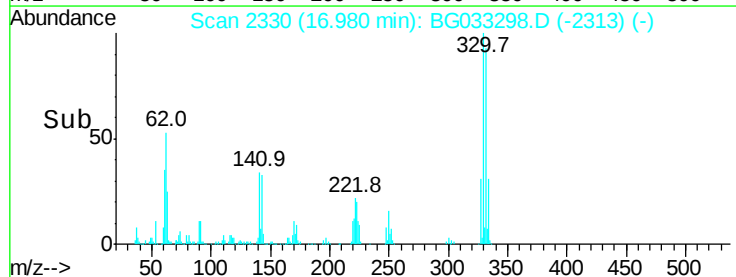
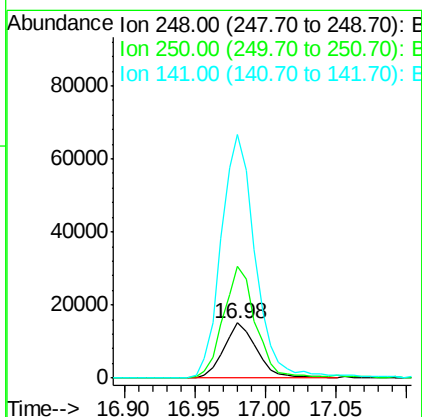
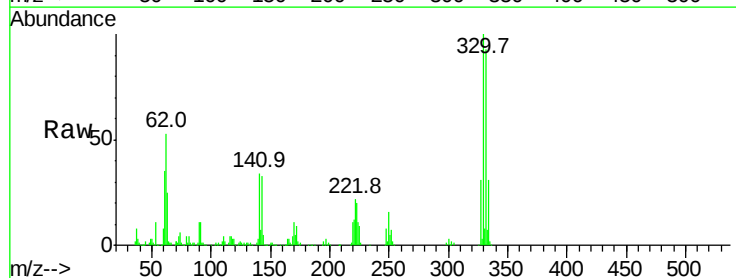
Instrument :
BNA_G
ClientSampleId :

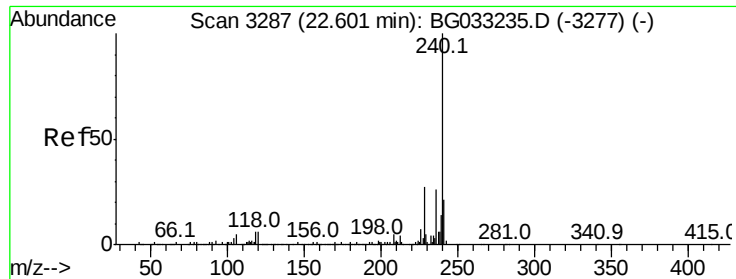
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.7	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 5.639 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033298.D
Acq: 22 Mar 2018 17:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.5	77.1	115.7#
141	440.9	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033298.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA_G

ClientSampled :

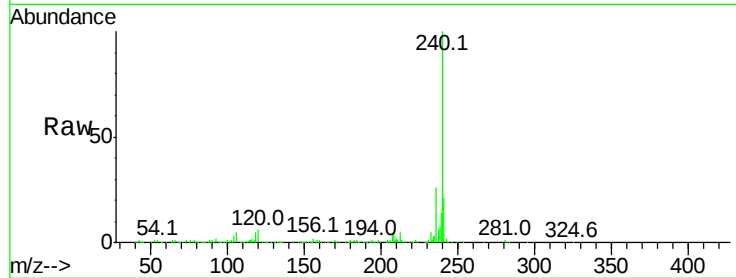
Tot Ion:240 Resp: 360278

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

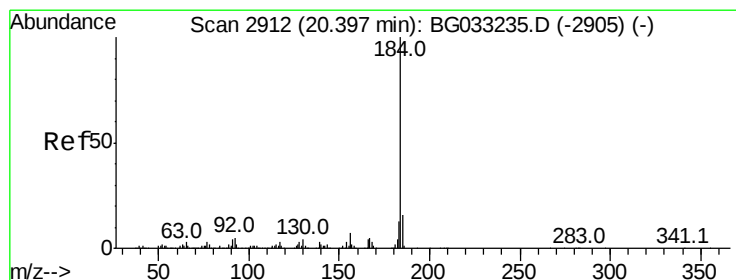
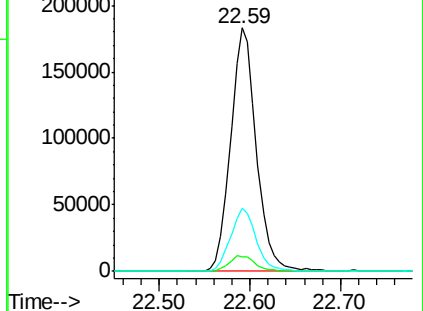
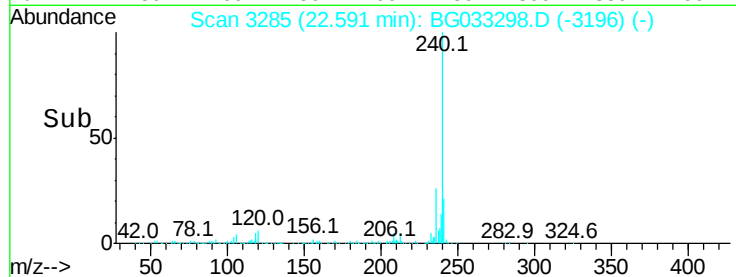
236 26.0 20.9 31.3



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: 2.892 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033298.D

Acq: 22 Mar 2018 17:20

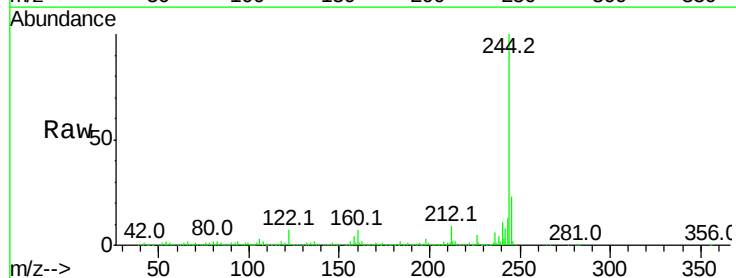
Tgt Ion:184 Resp: 28259

Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

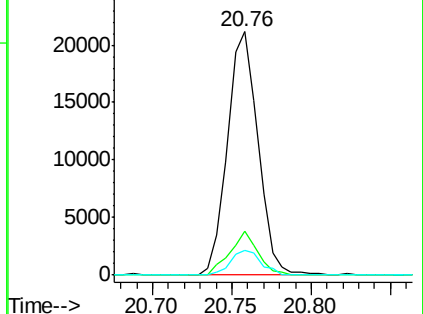
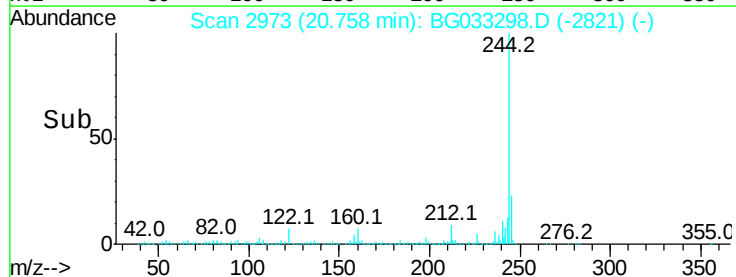
183 10.3 10.6 16.0#

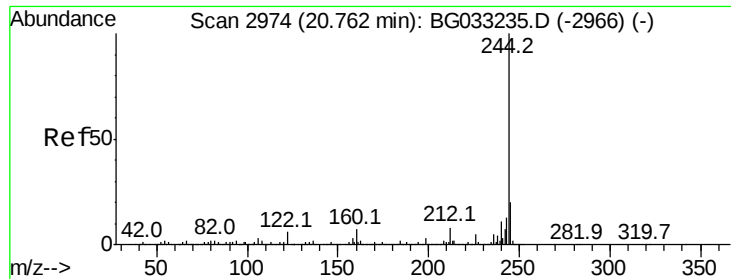


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

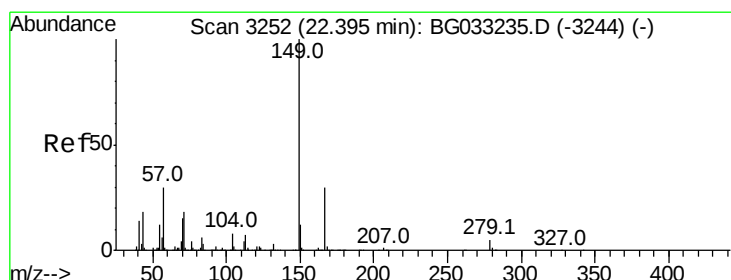
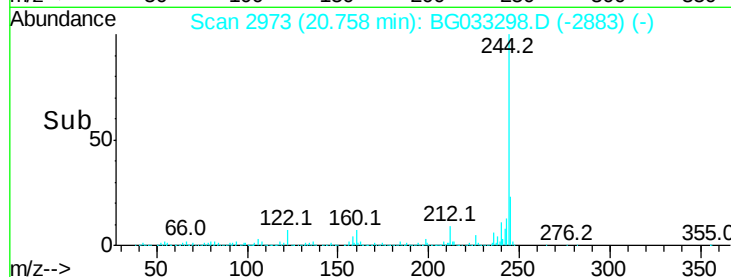
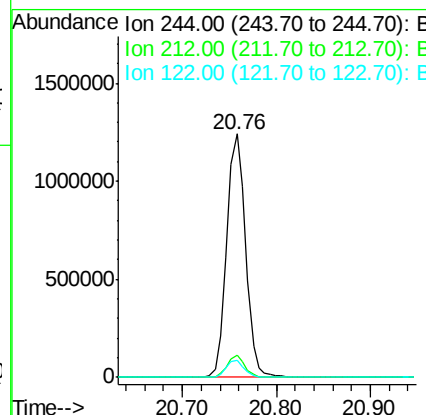
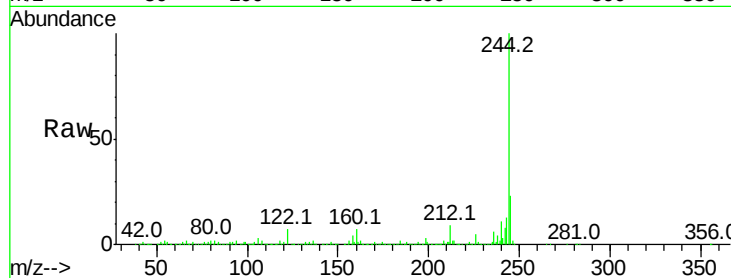




#78
 Terphenyl-d14
 Concen: 103.542 ng
 RT: 20.76 min Scan# 2973
 Delta R.T. -0.00 min
 Lab File: BG033298.D
 Acq: 22 Mar 2018 17:20

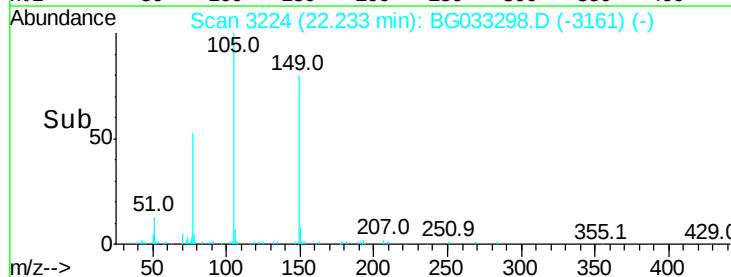
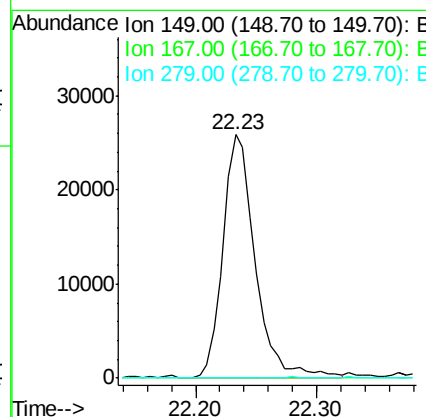
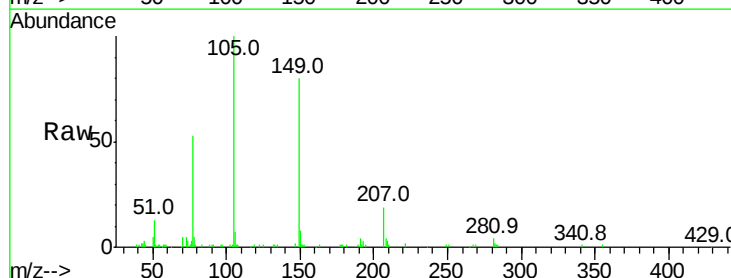
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1744305
 Ion Ratio Lower Upper
 244 100
 212 9.1 5.8 8.8#
 122 7.2 7.0 10.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.912 ng
 RT: 22.23 min Scan# 3224
 Delta R.T. -0.16 min
 Lab File: BG033298.D
 Acq: 22 Mar 2018 17:20

Tgt Ion:149 Resp: 47821
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.3 36.5#
 279 0.0 4.0 6.0#

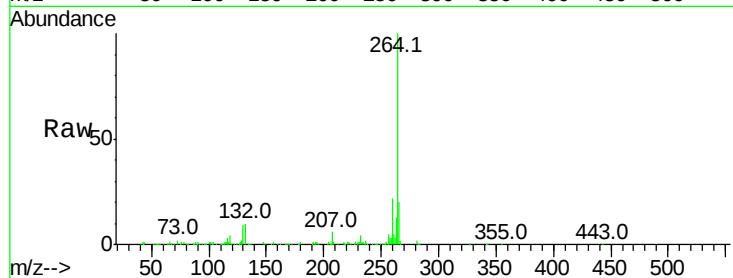




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3931
 Delta R.T. -0.00 min
 Lab File: BG033298.D
 Acq: 22 Mar 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	19.9	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

