

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033696.D
 Acq On : 10 Apr 2018 2:03
 Operator : SJ/JU
 Sample : J2155-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 06:03:13 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

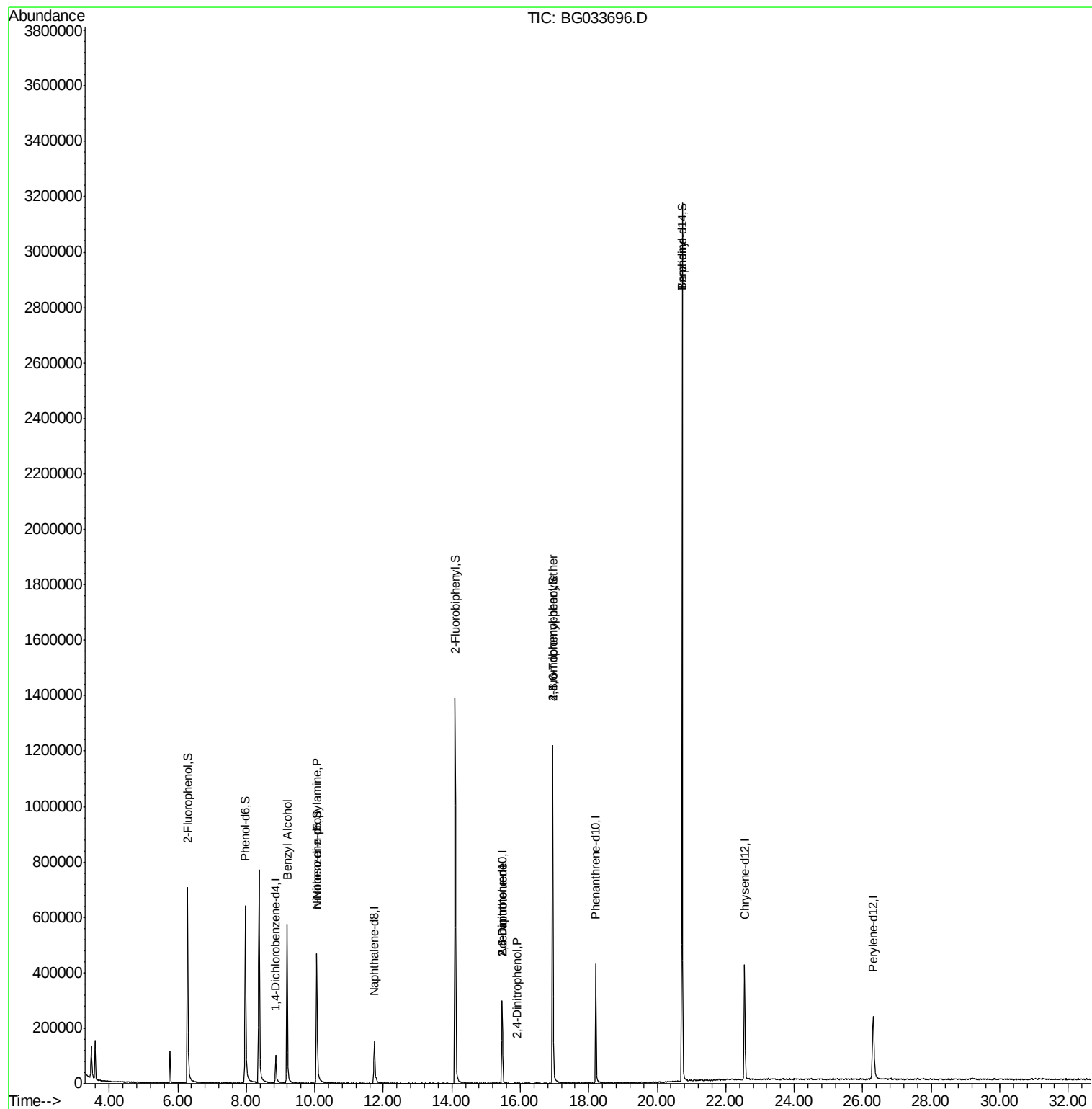
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33009	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	147220	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	107334	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	292083	20.00	ng	0.00
75) Chrysene-d12	22.55	240	304578	20.00	ng	-0.01
86) Perylene-d12	26.30	264	322893	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	334652	190.10	ng	0.00
7) Phenol-d6	7.97	99	438249	144.89	ng	0.00
23) Nitrobenzene-d5	10.06	82	360640	112.55	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	233376	145.38	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	802180	107.89	ng	0.00
78) Terphenyl-d14	20.73	244	1562123	109.69	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6450	2.708	ng	# 57
19) n-Nitroso-di-n-propylamine	10.06	70	49347	22.265	ng	# 76
50) 2,6-Dinitrotoluene	15.47	165	14376	7.527	ng	# 18
53) 2,4-Dinitrophenol	15.91	184	60	7.698	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	14375	5.112	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	17402	5.073	ng	# 1
76) Benzidine	20.73	184	27199	3.293	ng	# 91

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

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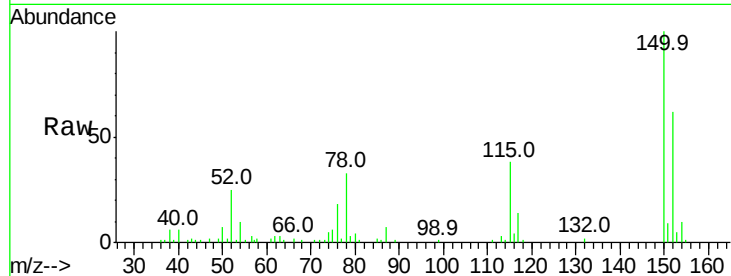


#1

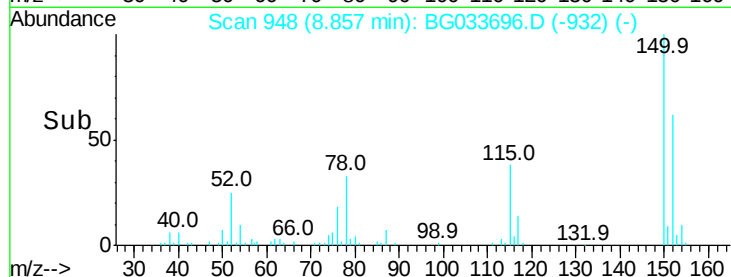
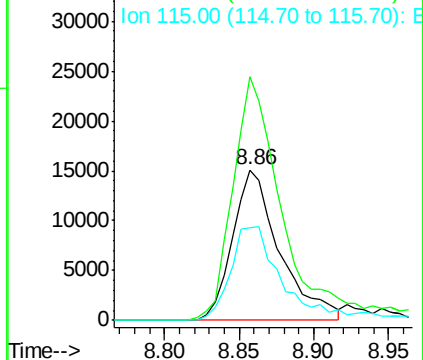
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033696.D
Acq: 10 Apr 2018 2:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 33009
Ion Ratio Lower Upper
152 100
150 162.1 126.6 189.8
115 61.5 53.0 79.4



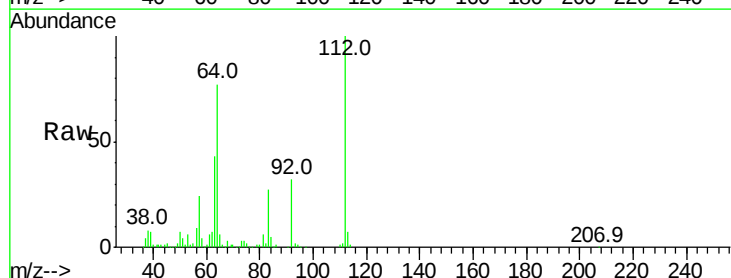
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



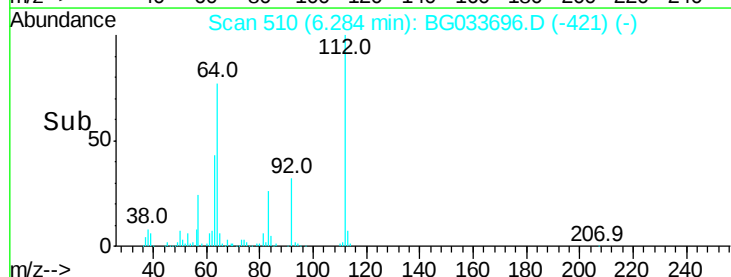
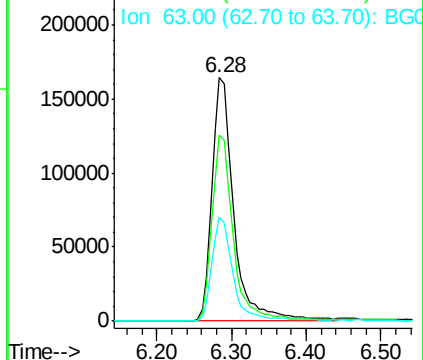
#5

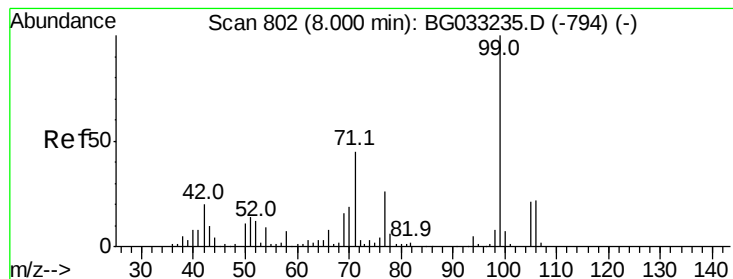
2-Fluorophenol
Concen: 190.104 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033696.D
Acq: 10 Apr 2018 2:03

Tgt Ion:112 Resp: 334652
Ion Ratio Lower Upper
112 100
64 76.5 56.3 84.5
63 42.7 30.1 45.1



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





#7

Phenol-d6

Concen: 144.891 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033696.D

Acq: 10 Apr 2018 2:03

Instrument :

BNA_G

ClientSampled :

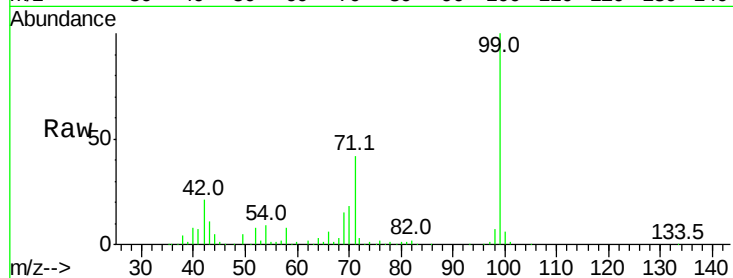
Tot Ion: 99 Resp: 438249

Ion Ratio Lower Upper

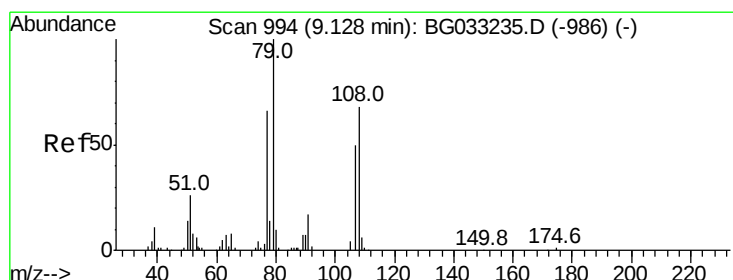
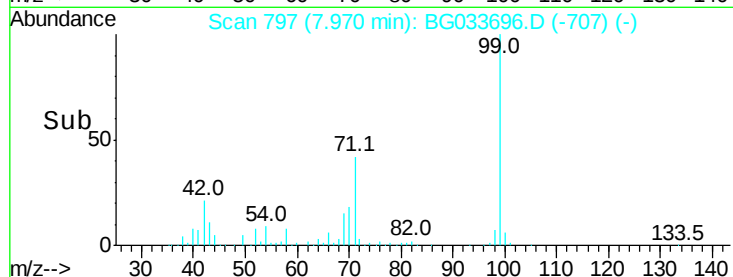
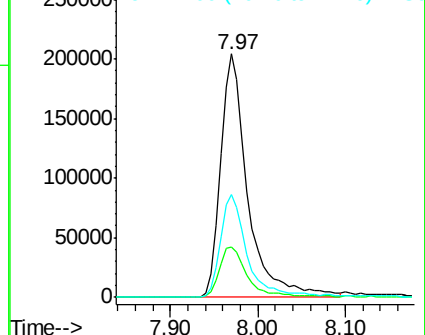
99 100

42 20.5 14.1 21.1

71 42.0 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: 2.708 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033696.D

Acq: 10 Apr 2018 2:03

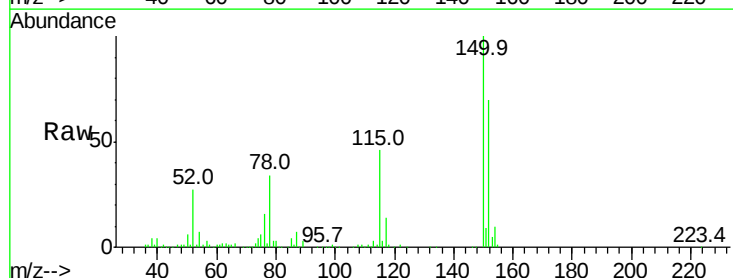
Tgt Ion: 79 Resp: 6450

Ion Ratio Lower Upper

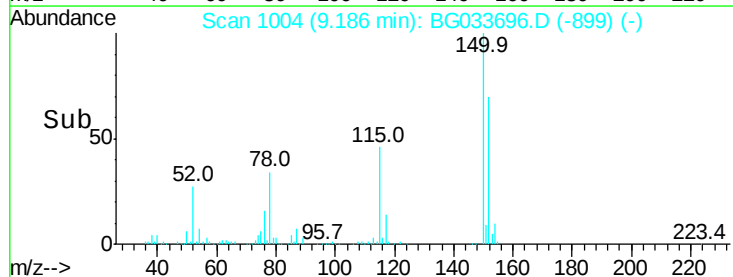
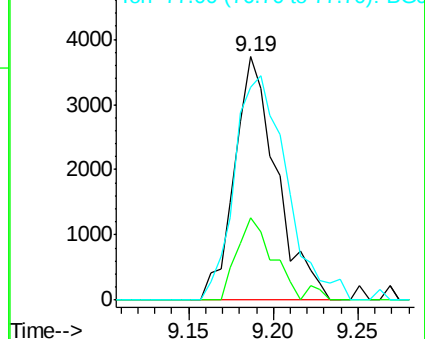
79 100

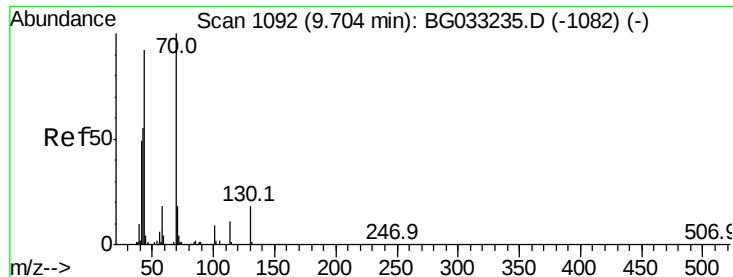
108 33.8 57.2 85.8#

77 87.3 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

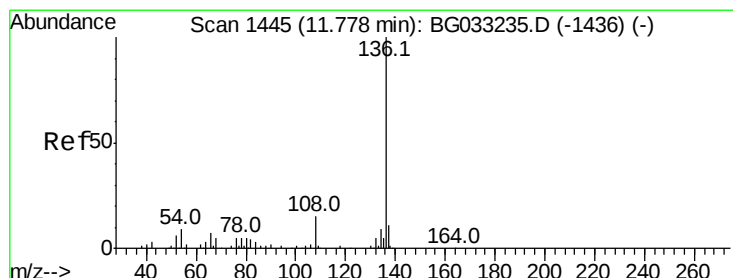
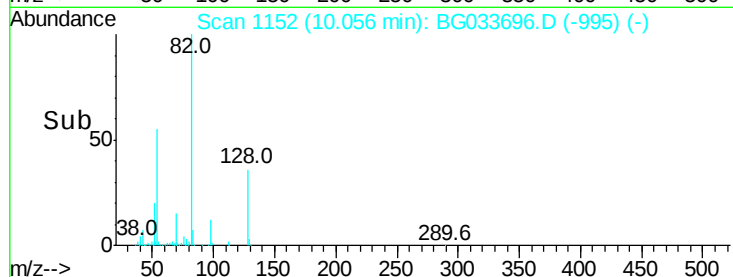
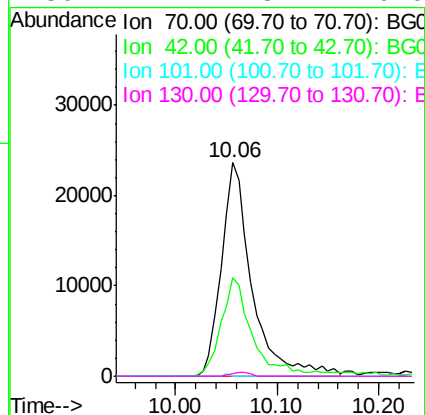
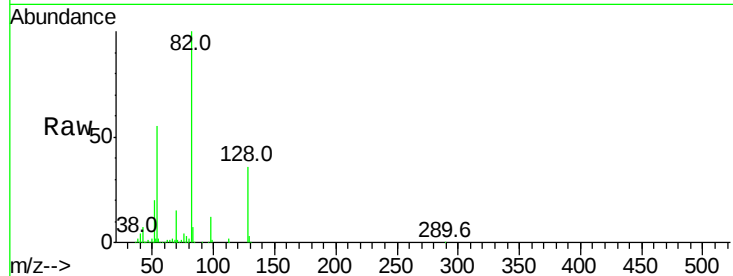




#19
 n-Nitroso-di-n-propylamine
 Concen: 22.265 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.39 min
 Lab File: BG033696.D
 Acq: 10 Apr 2018 2:03

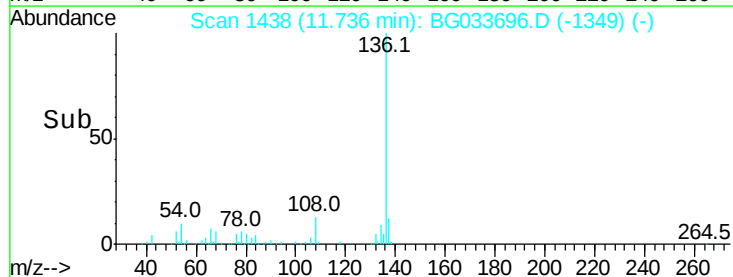
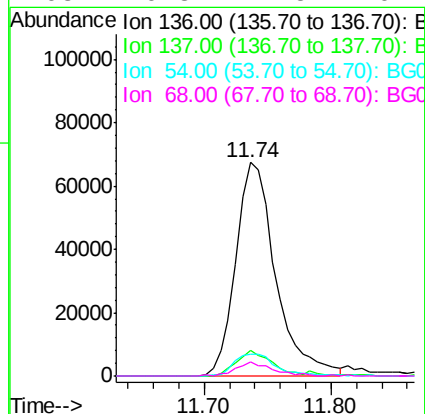
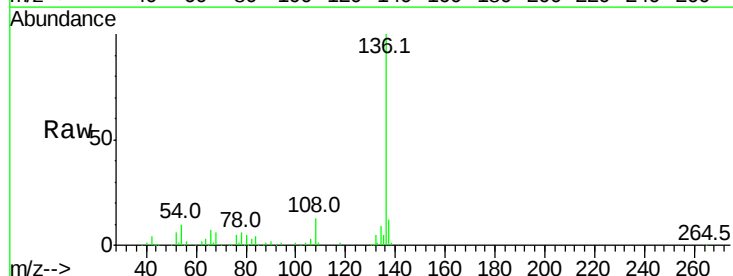
Instrument :
 BNA_G
 ClientSampleId :

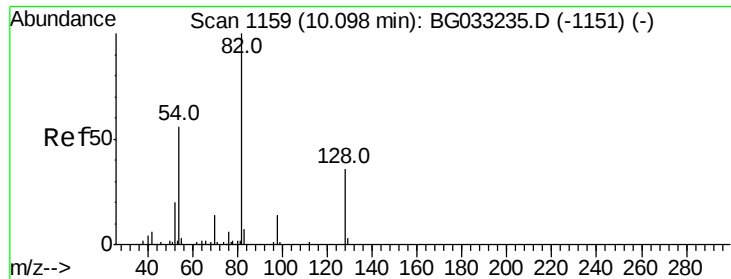
Tot Ion: 70 Resp: 49347
 Ion Ratio Lower Upper
 70 100
 42 46.3 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.1 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BG033696.D
 Acq: 10 Apr 2018 2:03

Tgt Ion: 136 Resp: 147220
 Ion Ratio Lower Upper
 136 100
 137 12.1 9.2 13.8
 54 10.5 10.3 15.5
 68 6.3 4.5 6.7

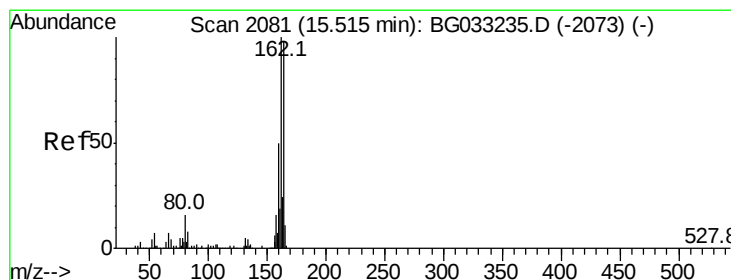
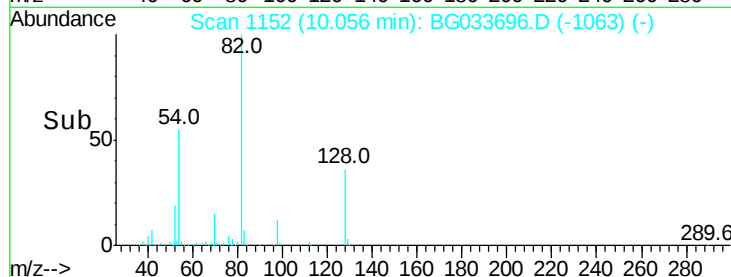
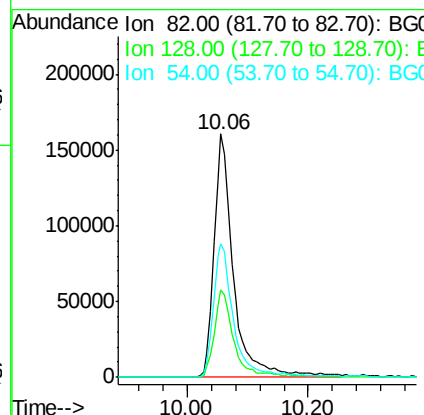
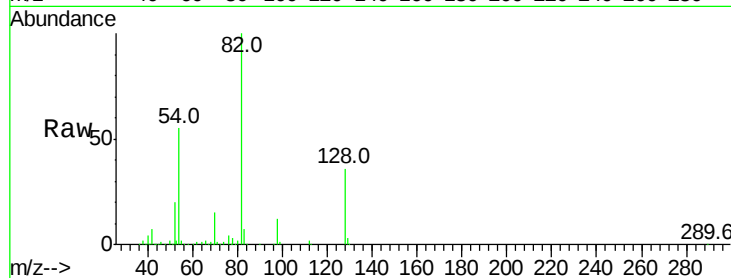




#23
Nitrobenzene-d5
Concen: 112.548 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033696.D
Acq: 10 Apr 2018 2:03

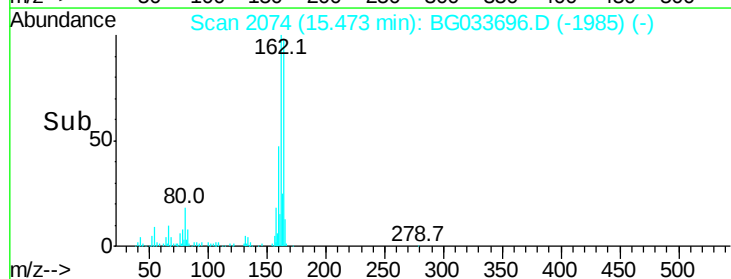
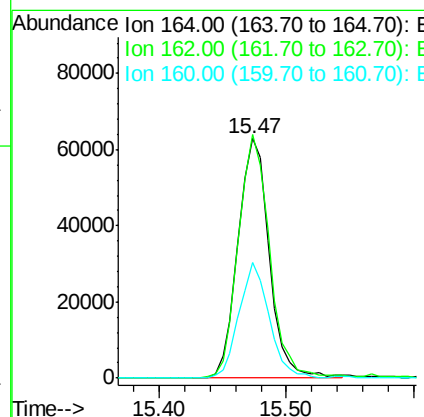
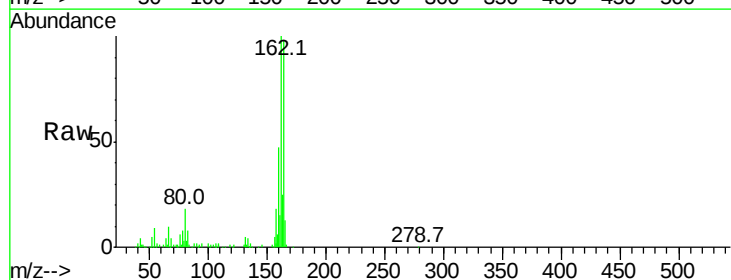
Instrument :
BNA_G
ClientSampleId :

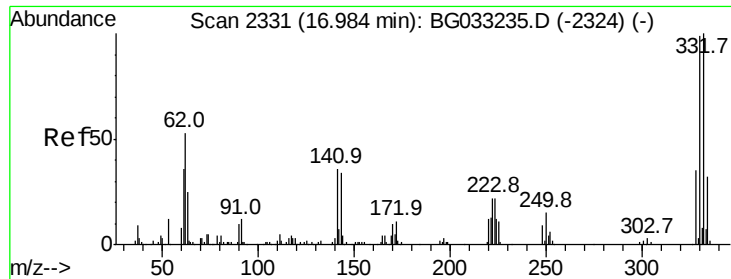
Tot Ion	82	Resp	360640
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	55.0	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033696.D
Acq: 10 Apr 2018 2:03

Tgt Ion	164	Resp	107334
Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	48.1	35.4	53.0

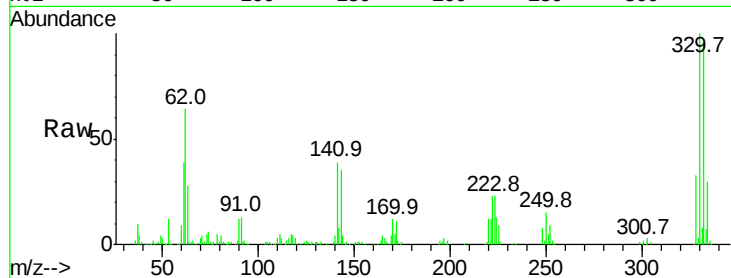




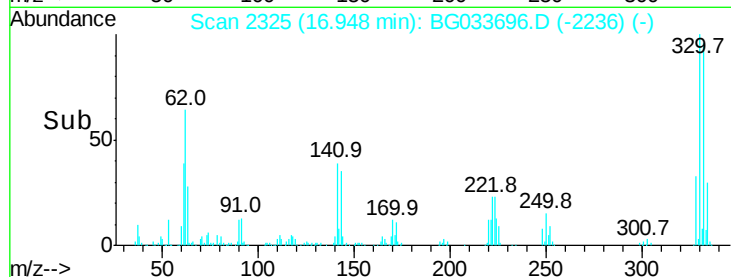
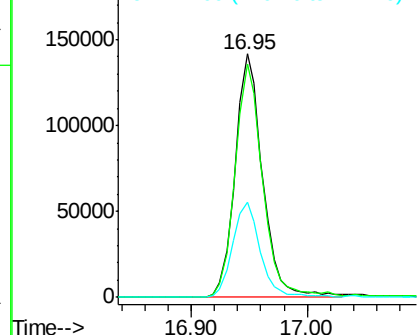
#41
 2,4,6-Tribromophenol
 Concen: 145.378 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033696.D
 Acq: 10 Apr 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	39.7	25.2	37.8#

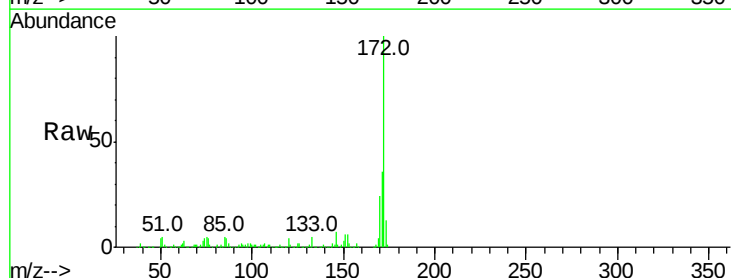


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

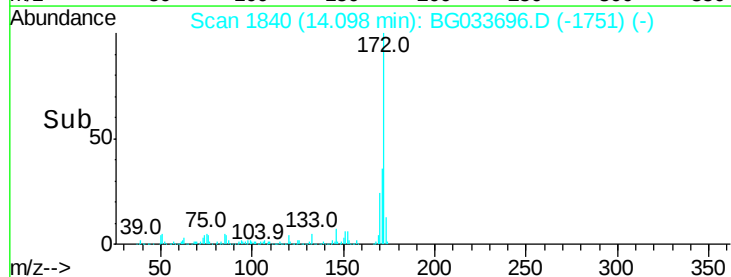
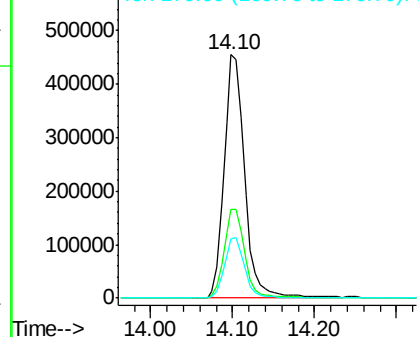


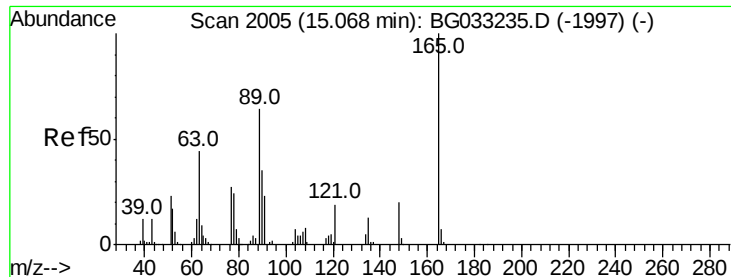
#44
 2-Fluorobiphenyl
 Concen: 107.893 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033696.D
 Acq: 10 Apr 2018 2:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	24.2	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

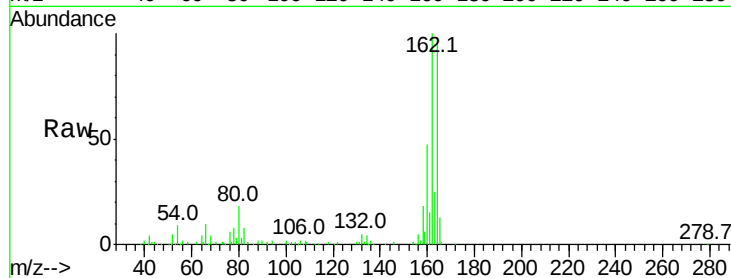




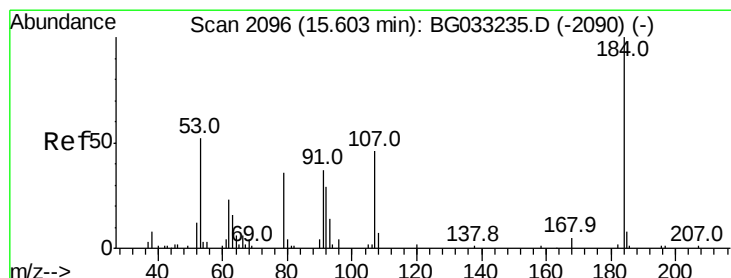
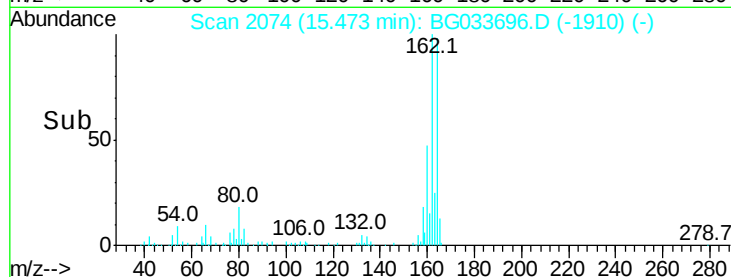
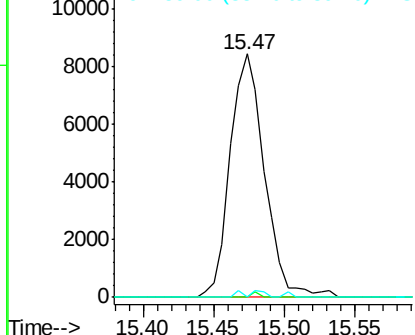
#50
2,6-Dinitrotoluene
Concen: 7.527 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.43 min
Lab File: BG033696.D
Acq: 10 Apr 2018 2:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 14376
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

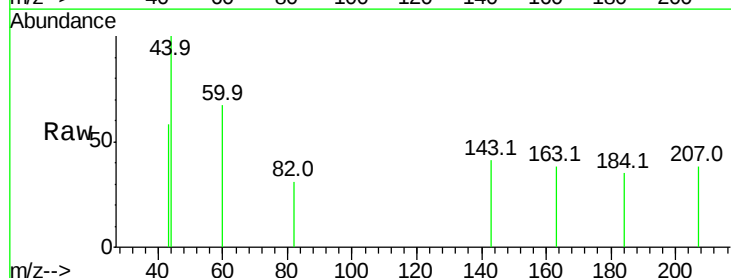


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

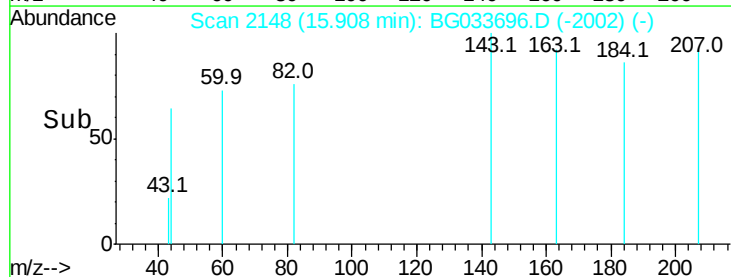
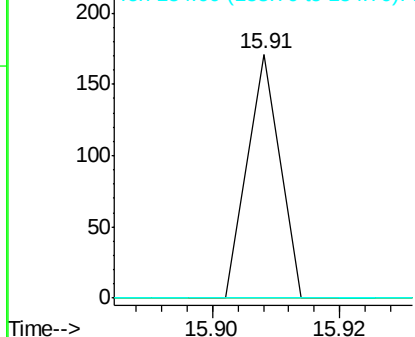


#53
2,4-Dinitrophenol
Concen: 7.698 ng
RT: 15.91 min Scan# 2148
Delta R.T. 0.33 min
Lab File: BG033696.D
Acq: 10 Apr 2018 2:03

Tgt Ion:184 Resp: 60
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

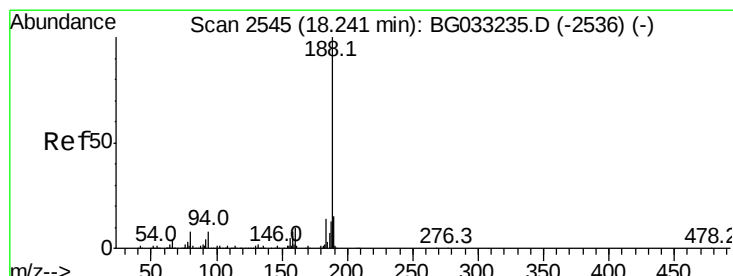
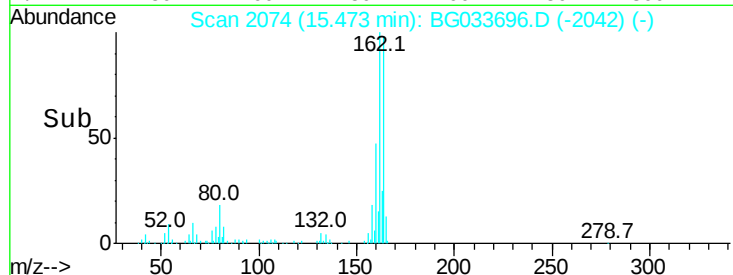
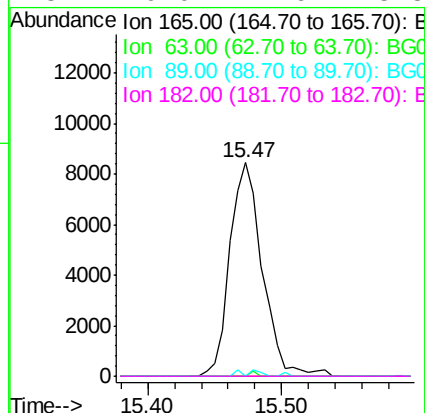
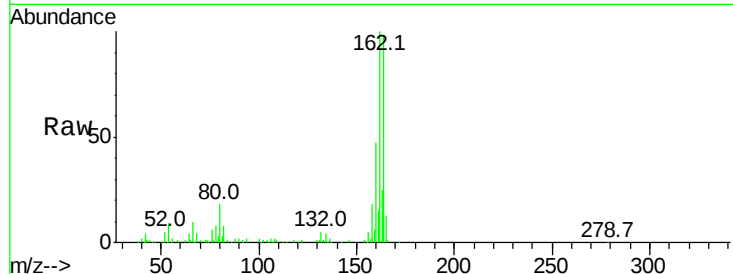




#56
2,4-Dinitrotoluene
Concen: 5.112 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033696.D
Acq: 10 Apr 2018 2:03

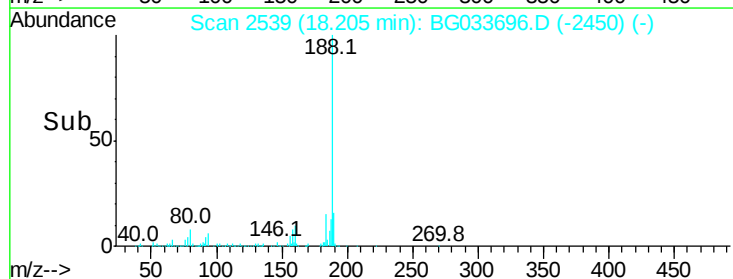
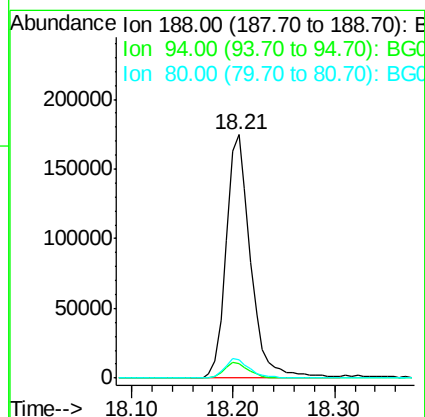
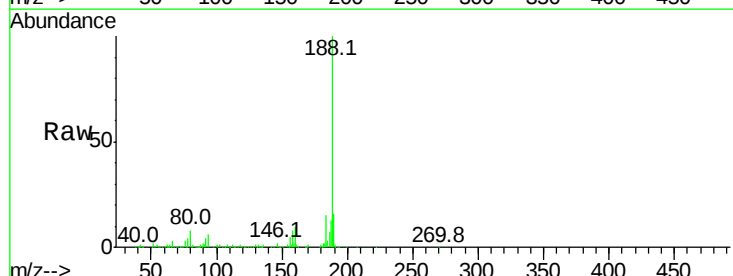
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 14375
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033696.D
Acq: 10 Apr 2018 2:03

Tgt Ion:188 Resp: 292083
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.8 7.7 11.5

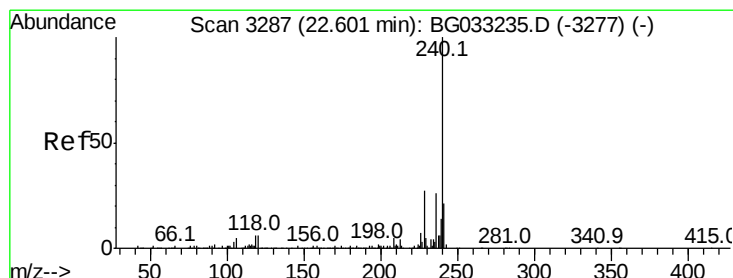
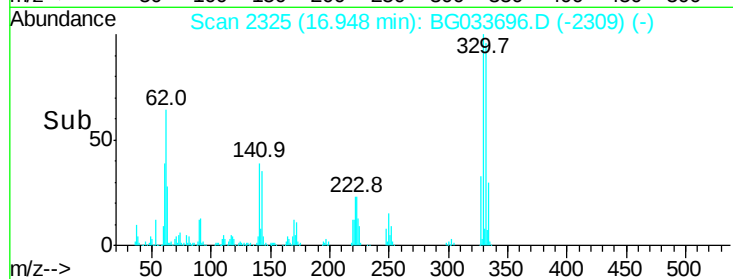
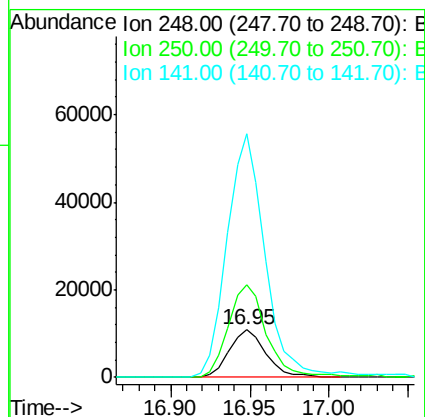
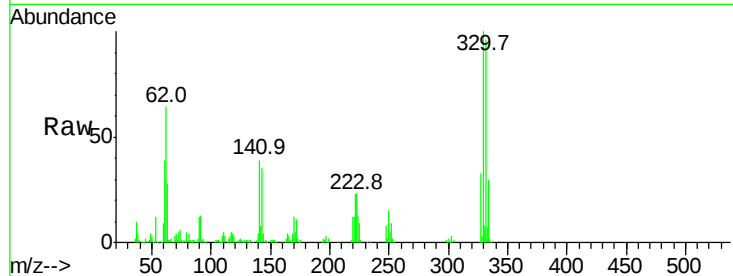




#66
4-Bromophenyl-phenylether
Concen: 5.073 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033696.D
Acq: 10 Apr 2018 2:03

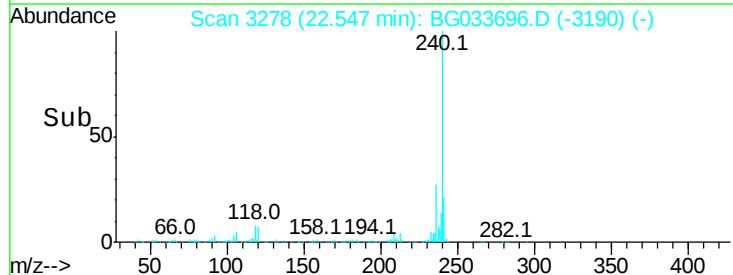
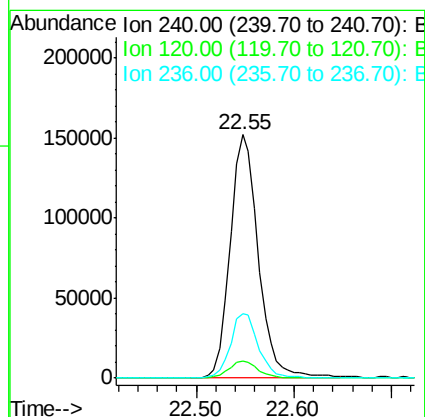
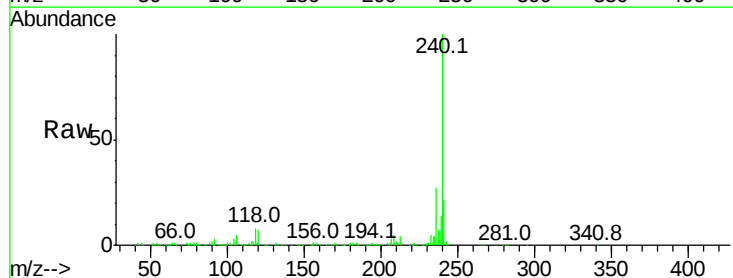
Instrument :
BNA_G
ClientSampleId :

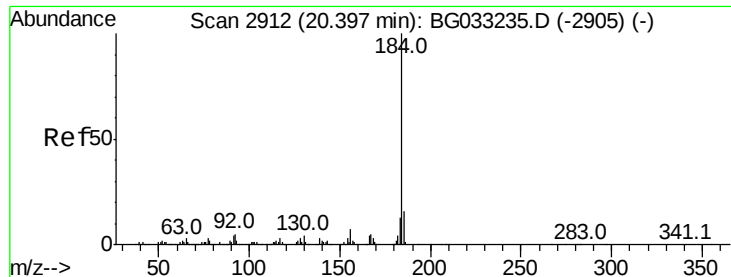
Tot Ion:248 Resp: 17402
Ion Ratio Lower Upper
248 100
250 194.0 77.1 115.7#
141 513.0 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033696.D
Acq: 10 Apr 2018 2:03

Tgt Ion:240 Resp: 304578
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 26.7 20.9 31.3





#76

Benzidine

Concen: 3.293 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033696.D

Acq: 10 Apr 2018 2:03

Instrument :

BNA_G

ClientSampleId :

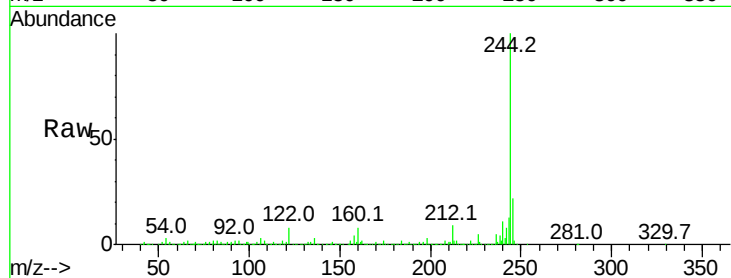
Tot Ion:184 Resp: 27199

Ion	Ratio	Lower	Upper
184	100		
185	12.3	11.1	16.7
183	7.7	10.6	16.0

184 100

185 12.3 11.1 16.7

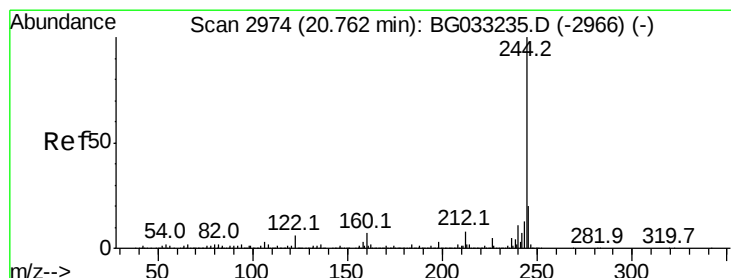
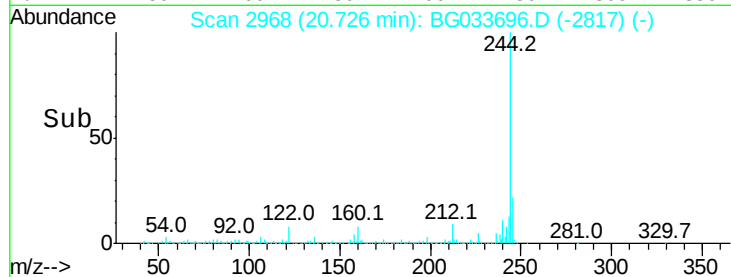
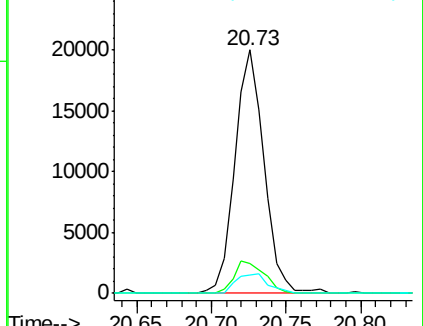
183 7.7 10.6 16.0#



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: 109.685 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033696.D

Acq: 10 Apr 2018 2:03

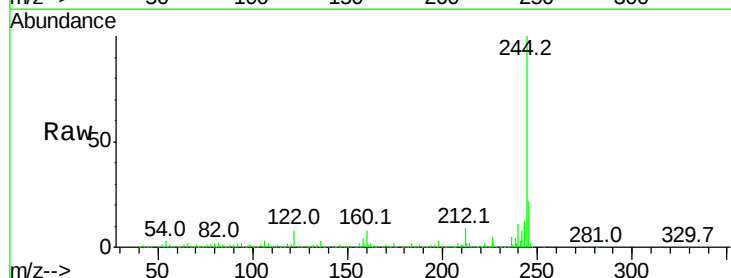
Tgt Ion:244 Resp: 1562123

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.8	7.0	10.4

244 100

212 8.6 5.8 8.8

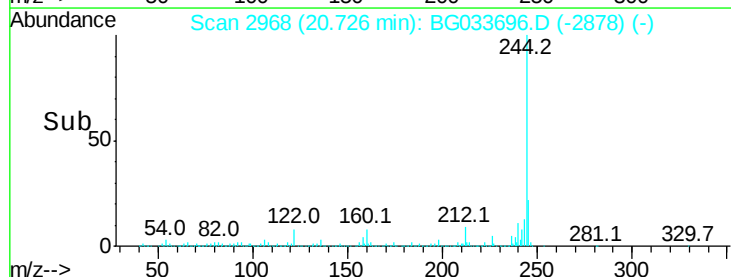
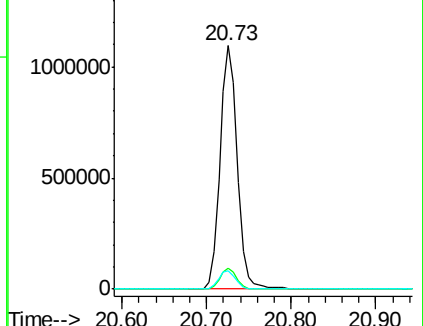
122 7.8 7.0 10.4



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

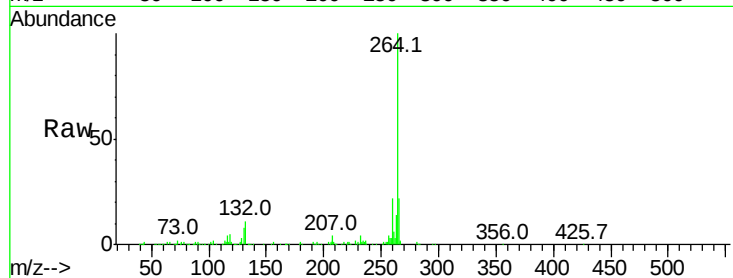




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.30 min Scan# 3917
 Delta R.T. -0.02 min
 Lab File: BG033696.D
 Acq: 10 Apr 2018 2:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	21.6	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

