

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033831.D
 Acq On : 17 Apr 2018 1:39
 Operator : SJ/JU
 Sample : J2391-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 04:08:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

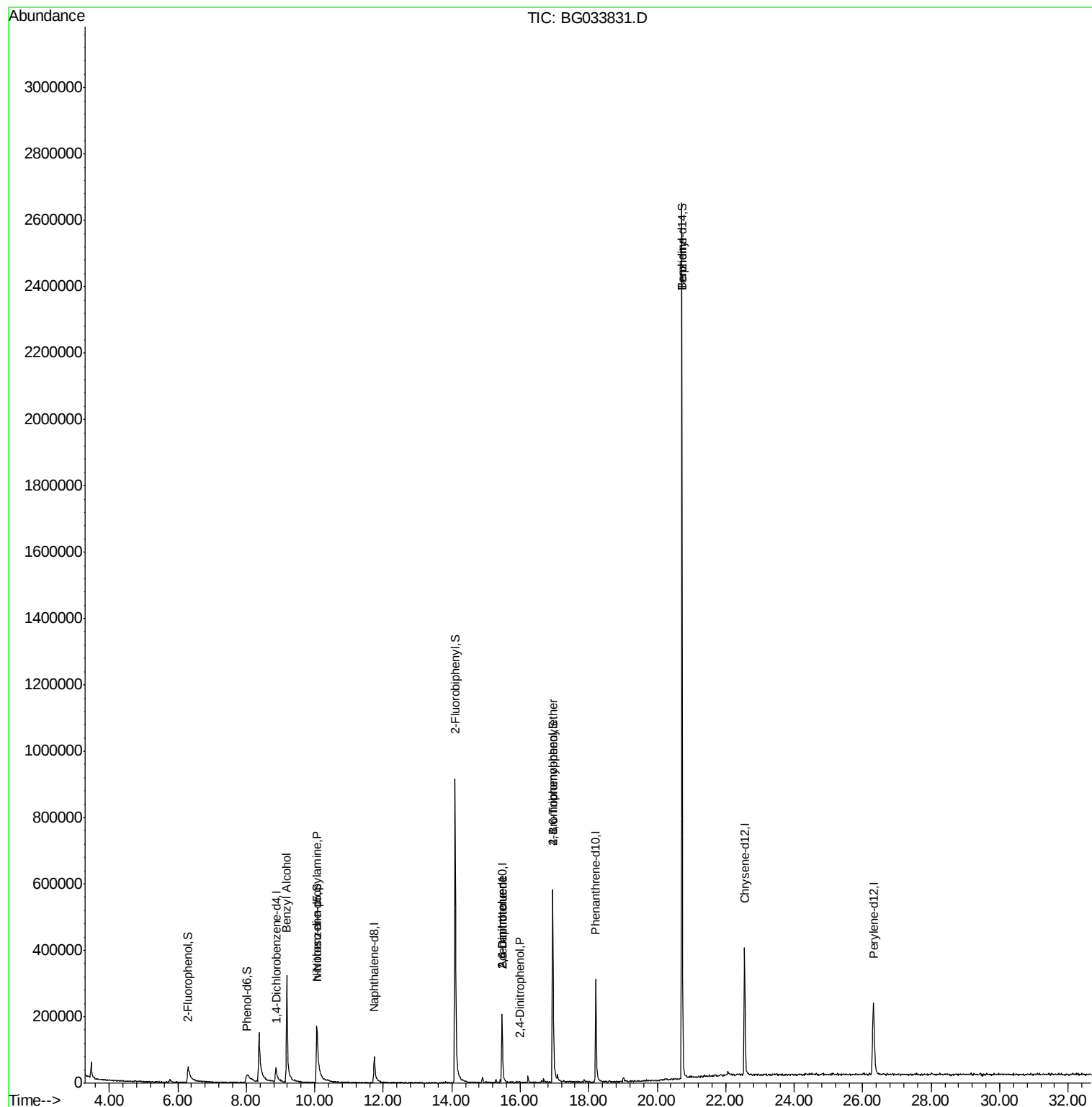
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	22625	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	110583	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	93680	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	277695	20.00	ng	0.00
75) Chrysene-d12	22.55	240	296400	20.00	ng	0.00
86) Perylene-d12	26.31	264	315920	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	41138	34.09	ng	0.00
7) Phenol-d6	8.01	99	12075	5.82	ng	0.02
23) Nitrobenzene-d5	10.06	82	246837	102.55	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	151825	108.36	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	685969	105.71	ng	0.00
78) Terphenyl-d14	20.72	244	1413404	101.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4426	2.712	ng	# 40
19) n-Nitroso-di-n-propylamine	10.07	70	18978	12.493	ng	# 71
50) 2,6-Dinitrotoluene	15.47	165	11325	6.794	ng	# 18
53) 2,4-Dinitrophenol	15.99	184	59	7.705	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	11324	4.614	ng	# 16
66) 4-Bromophenyl-phenylether	16.94	248	11993	3.677	ng	# 1
76) Benzydine	20.73	184	24484	3.046	ng	# 93

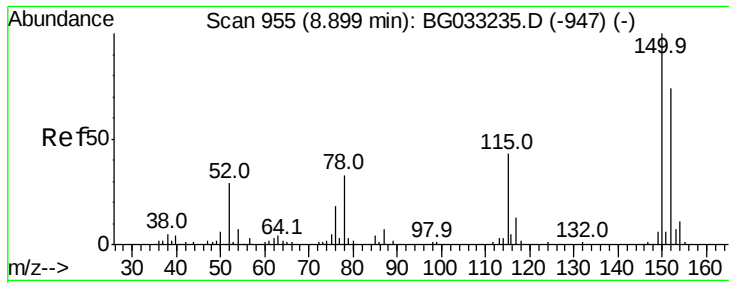
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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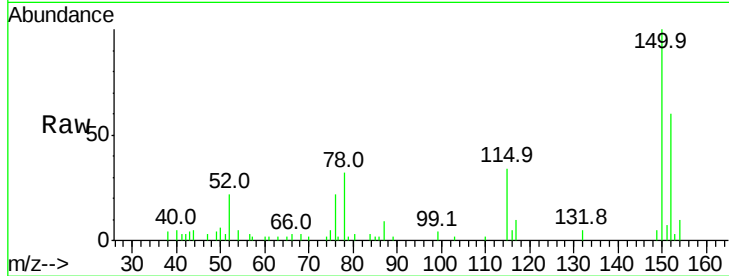


#1

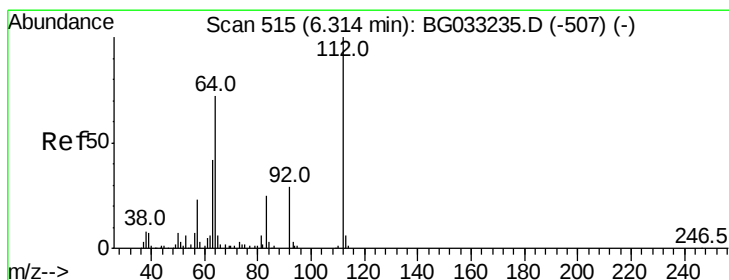
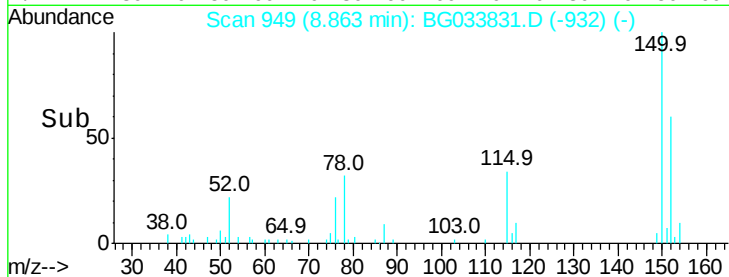
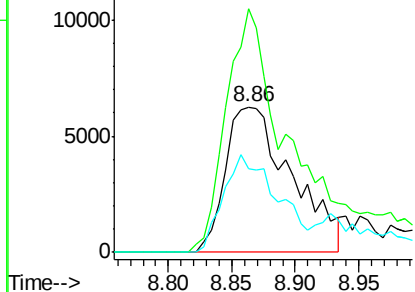
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 22625
Ion Ratio Lower Upper
152 100
150 167.7 126.6 189.8
115 57.1 53.0 79.4



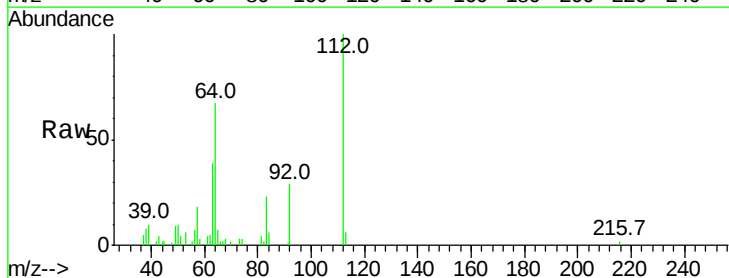
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



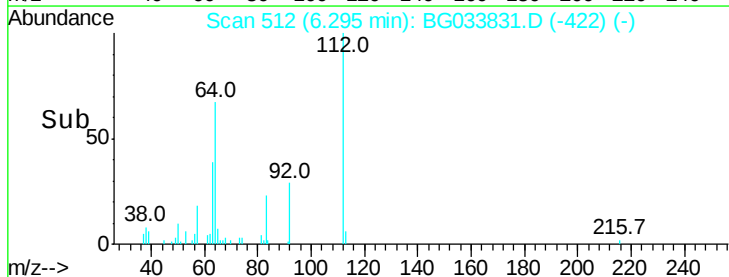
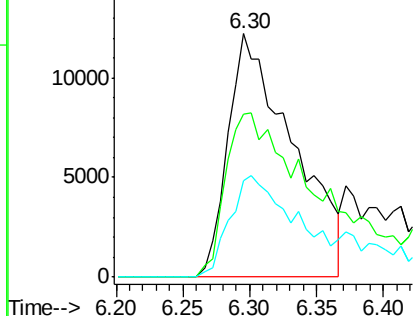
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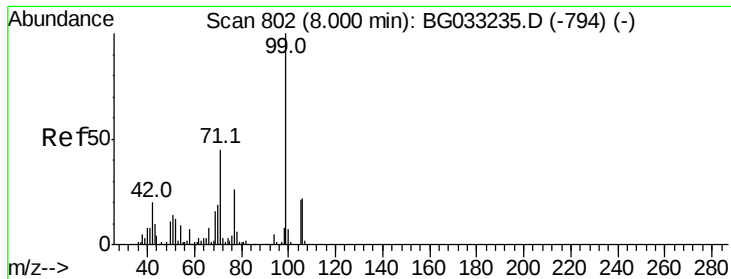
2-Fluorophenol
Concen: 34.094 ng
RT: 6.30 min Scan# 512
Delta R.T. -0.00 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:112 Resp: 41138
Ion Ratio Lower Upper
112 100
64 67.0 56.3 84.5
63 39.4 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: 5.824 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.02 min

Lab File: BG033831.D

Acq: 17 Apr 2018 1:39

Instrument :

BNA_G

ClientSampleId :

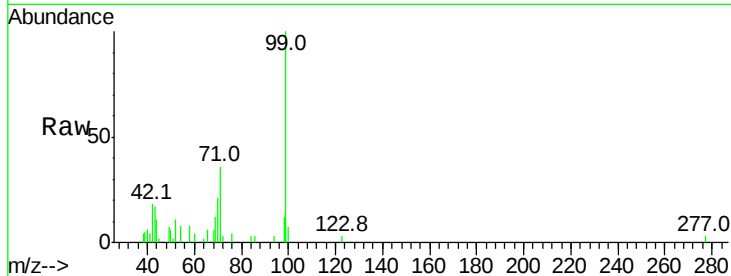
Tot Ion: 99 Resp: 12075

Ion Ratio Lower Upper

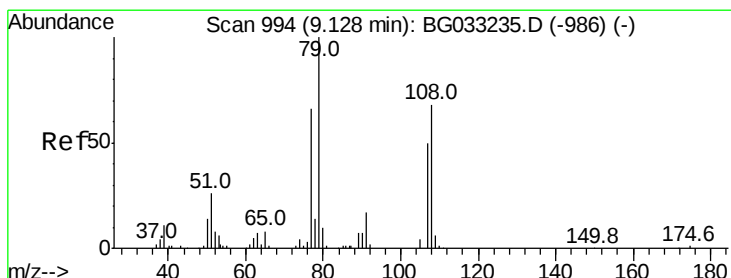
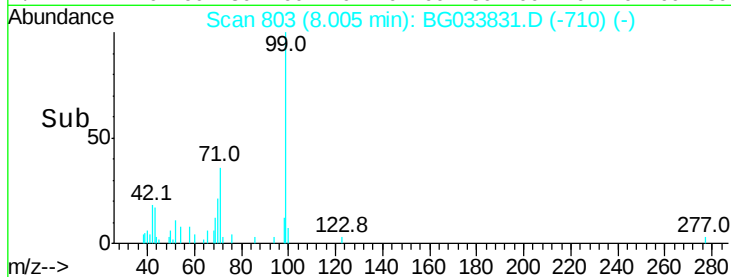
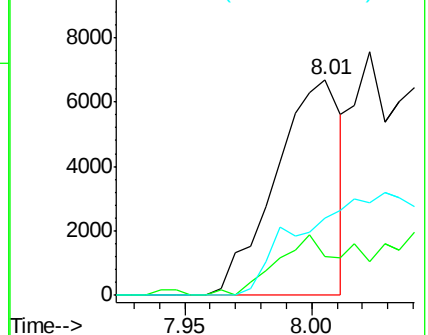
99 100

42 17.7 14.1 21.1

71 35.6 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: 2.712 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.08 min

Lab File: BG033831.D

Acq: 17 Apr 2018 1:39

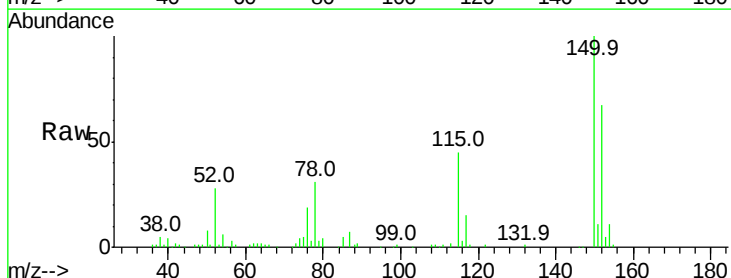
Tgt Ion: 79 Resp: 4426

Ion Ratio Lower Upper

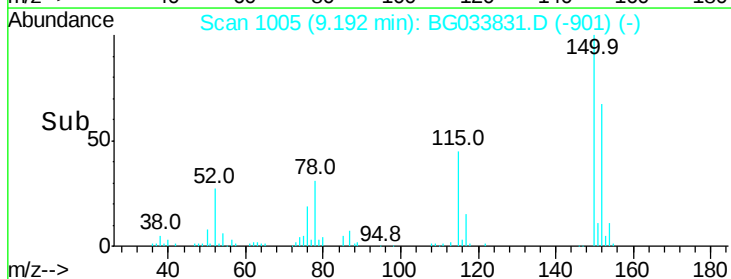
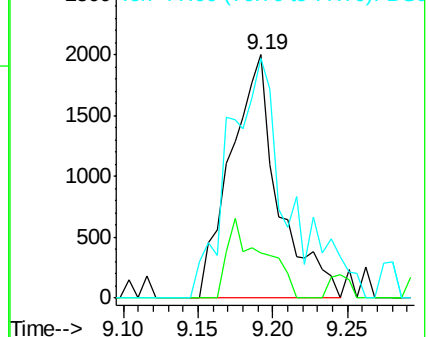
79 100

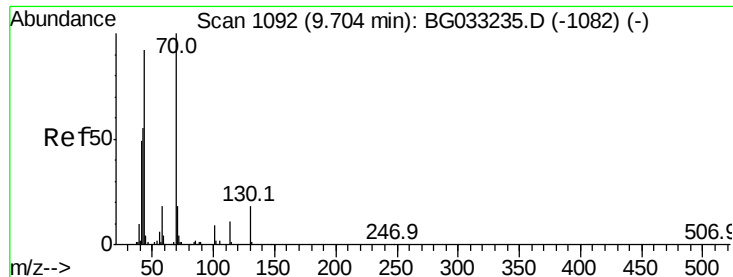
108 18.7 57.2 85.8#

77 98.7 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

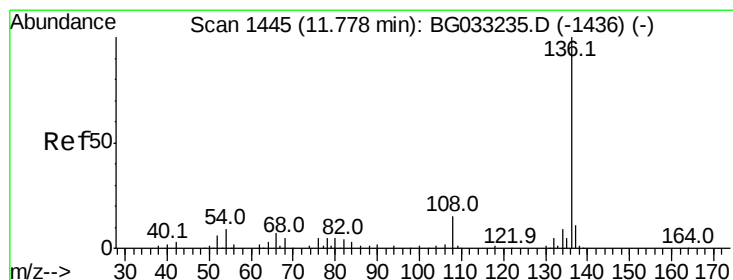
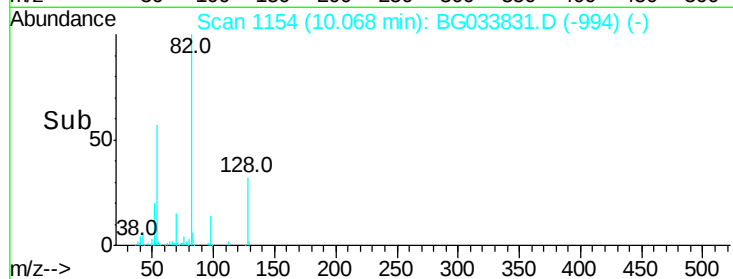
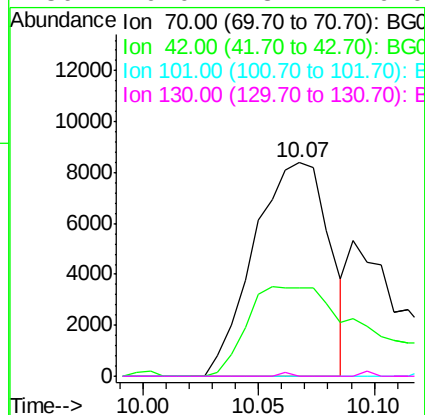
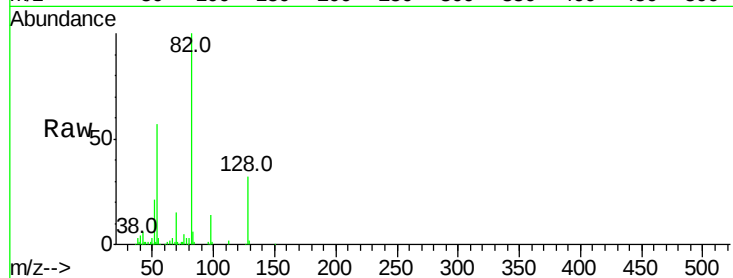




#19
n-Nitroso-di-n-propylamine
Concen: 12.493 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.41 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

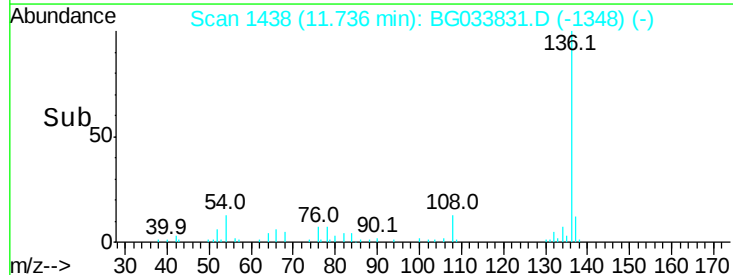
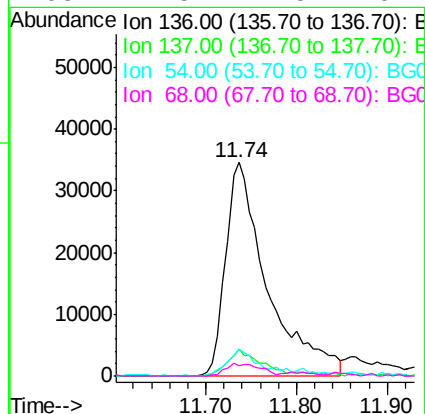
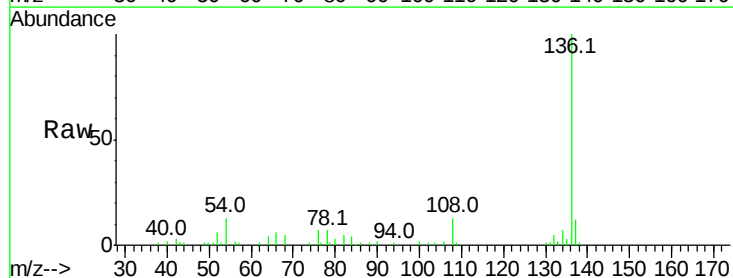
Instrument :
BNA_G
ClientSampleId :

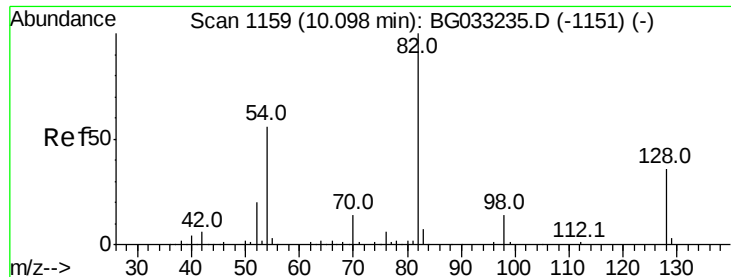
Tot Ion: 70 Resp: 18978
Ion Ratio Lower Upper
70 100
42 41.7 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion: 136 Resp: 110583
Ion Ratio Lower Upper
136 100
137 12.4 9.2 13.8
54 12.7 10.3 15.5
68 4.5 4.5 6.7

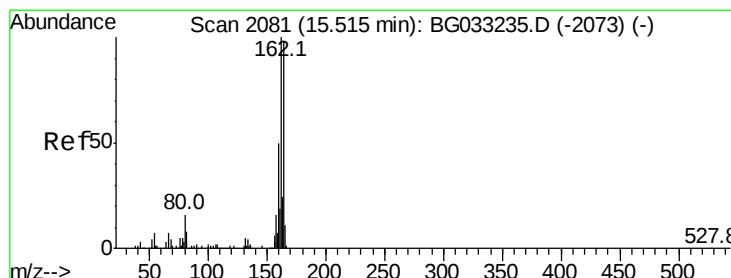
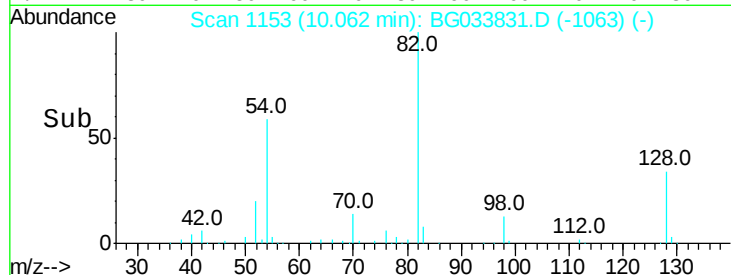
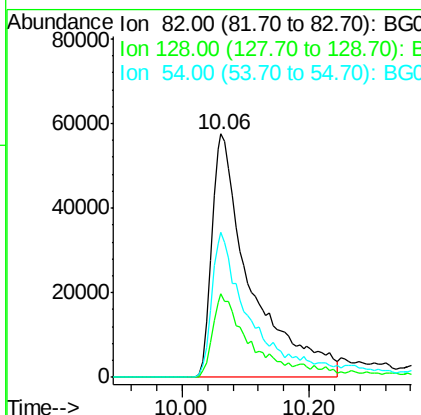
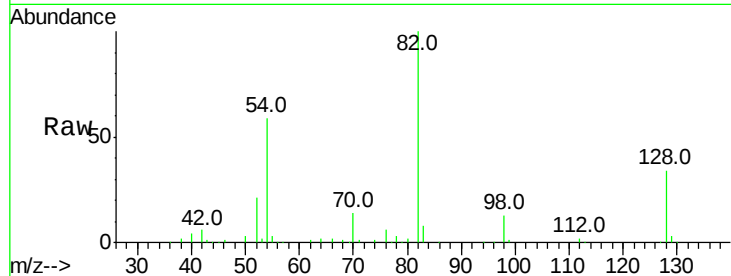




#23
 Nitrobenzene-d5
 Concen: 102.554 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033831.D
 Acq: 17 Apr 2018 1:39

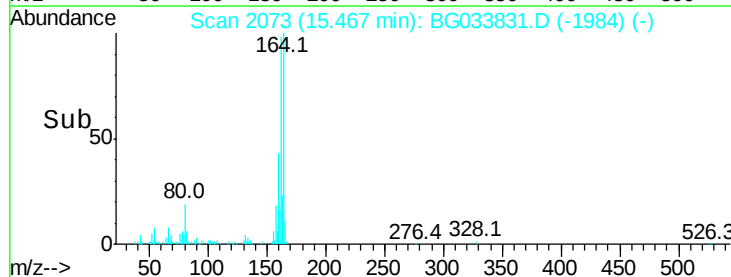
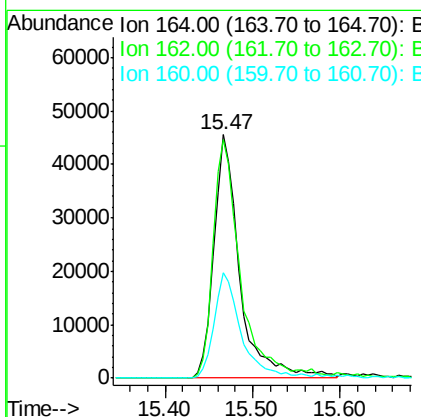
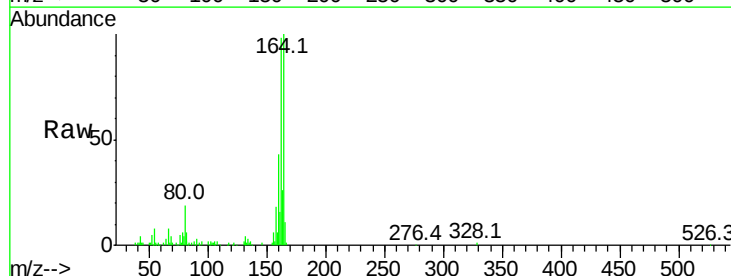
Instrument :
 BNA_G
 ClientSampleId :

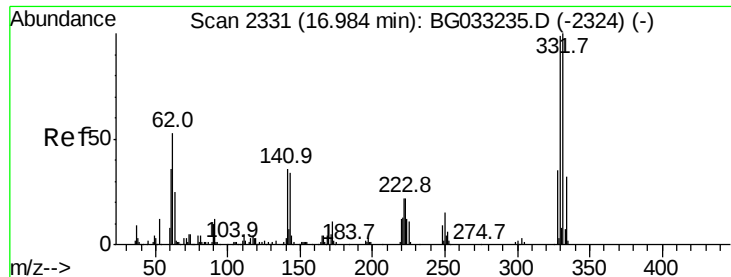
Tot Ion	82	Resp	246837
Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	59.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033831.D
 Acq: 17 Apr 2018 1:39

Tgt Ion	164	Resp	93680
Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	43.5	35.4	53.0

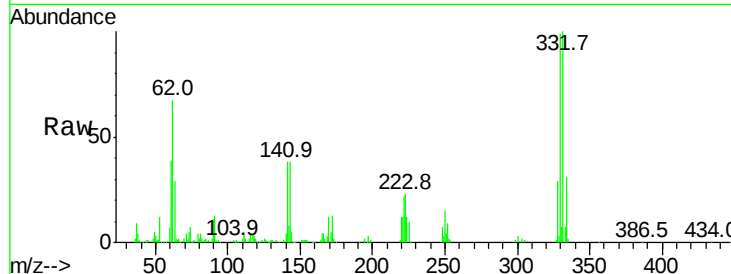




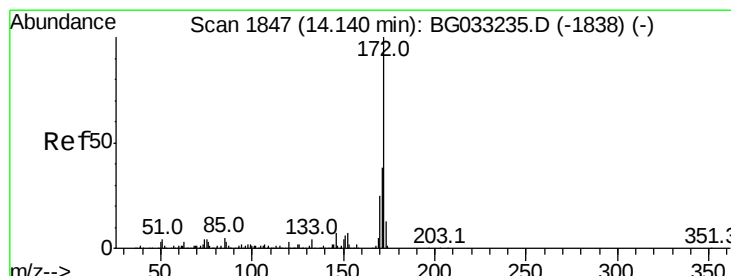
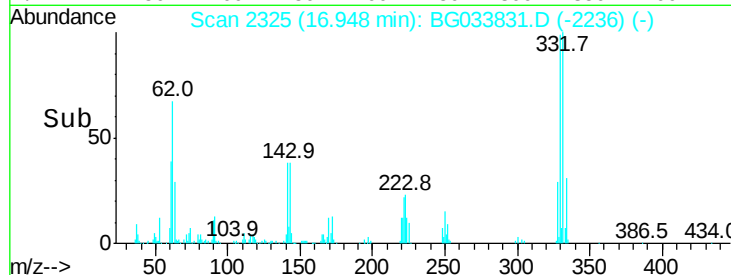
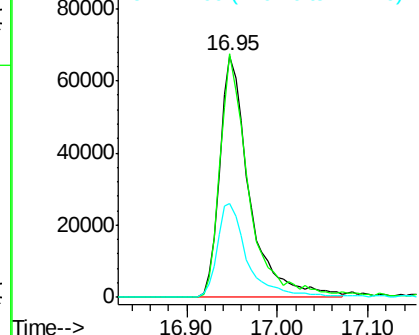
#41
2,4,6-Tribromophenol
Concen: 108.362 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:330 Resp: 151825
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 39.1 25.2 37.8#

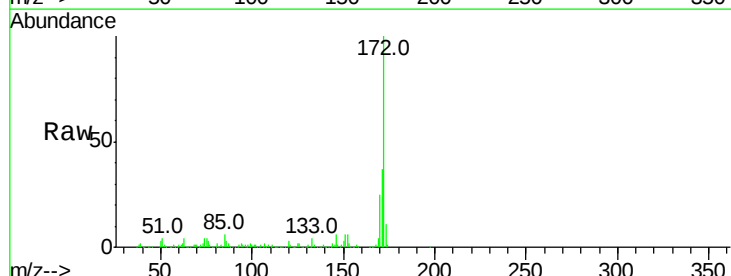


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

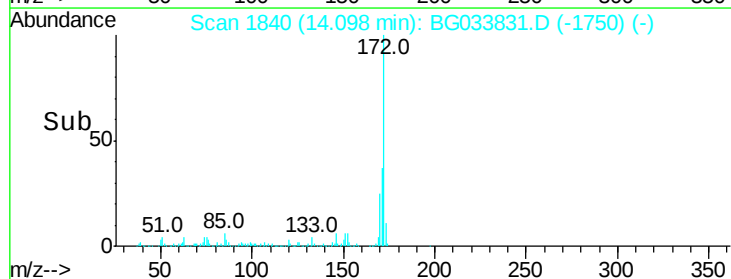
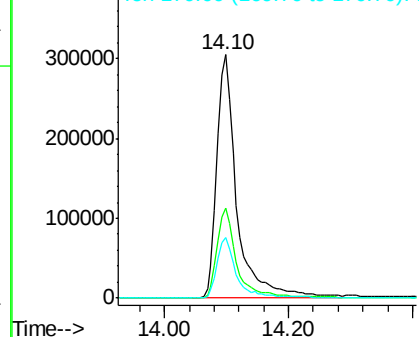


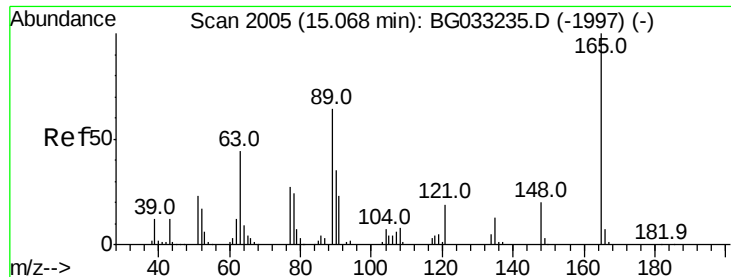
#44
2-Fluorobiphenyl
Concen: 105.710 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:172 Resp: 685969
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 24.9 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

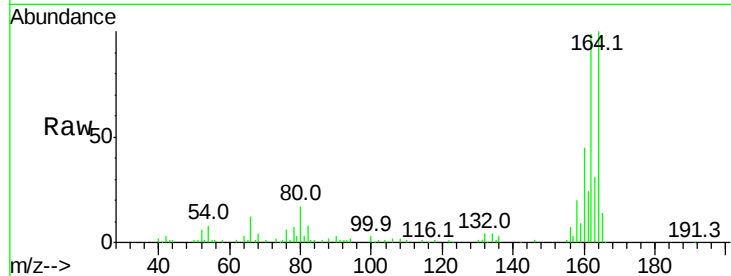




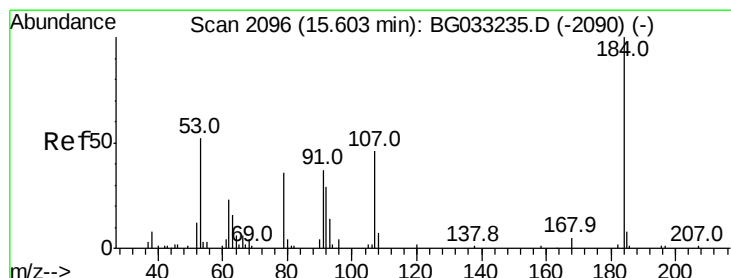
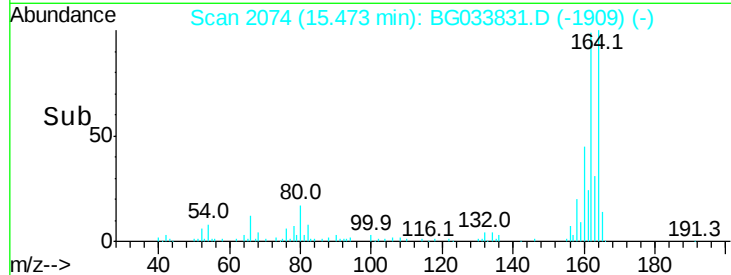
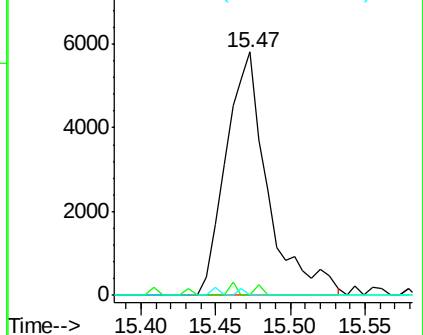
#50
 2,6-Dinitrotoluene
 Concen: 6.794 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033831.D
 Acq: 17 Apr 2018 1:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 11325
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

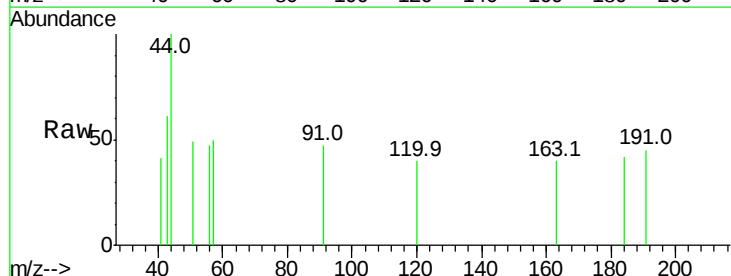


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

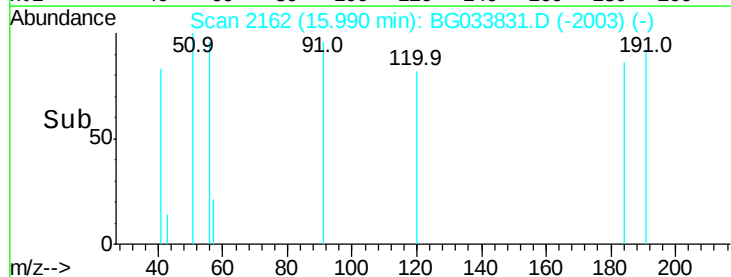
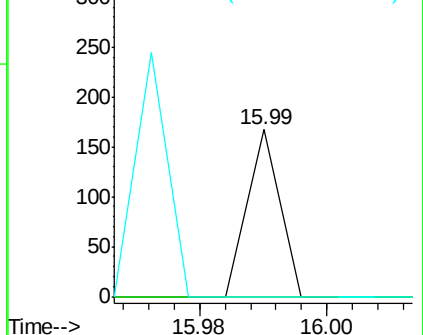


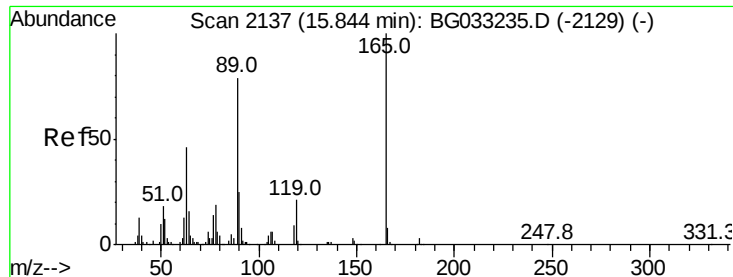
#53
 2,4-Dinitrophenol
 Concen: 7.705 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. 0.40 min
 Lab File: BG033831.D
 Acq: 17 Apr 2018 1:39

Tgt Ion:184 Resp: 59
 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

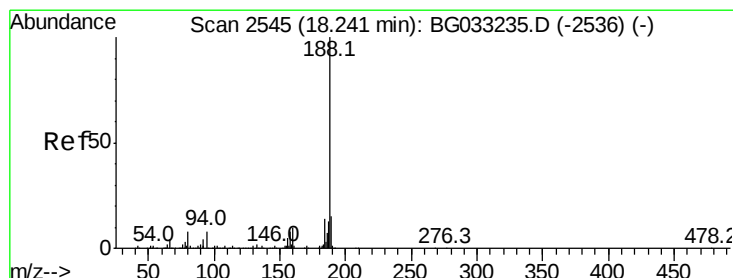
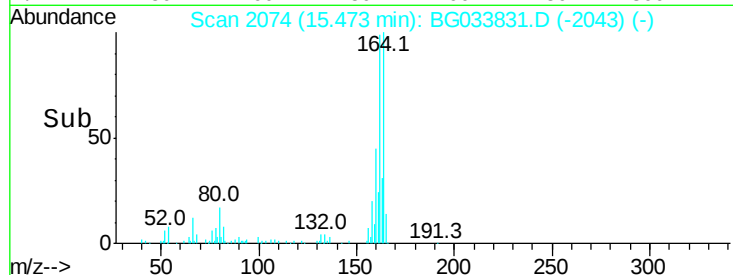
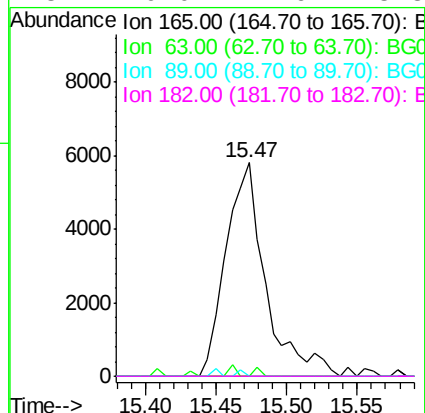
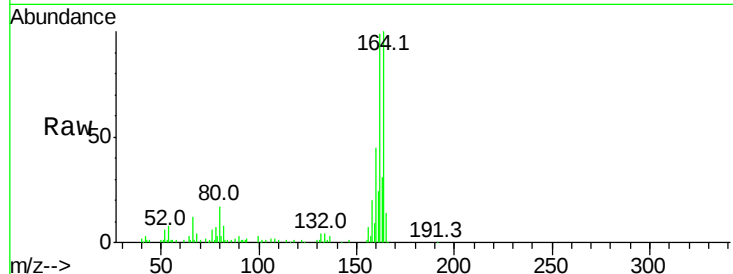




#56
 2,4-Dinitrotoluene
 Concen: 4.614 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.35 min
 Lab File: BG033831.D
 Acq: 17 Apr 2018 1:39

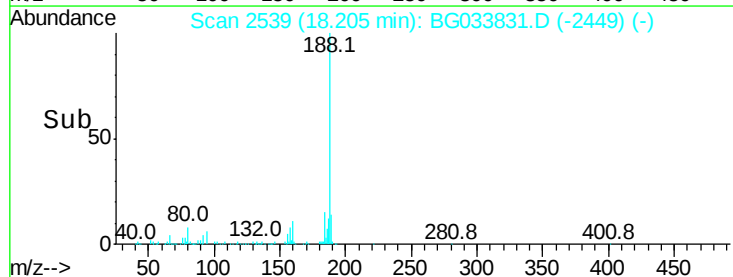
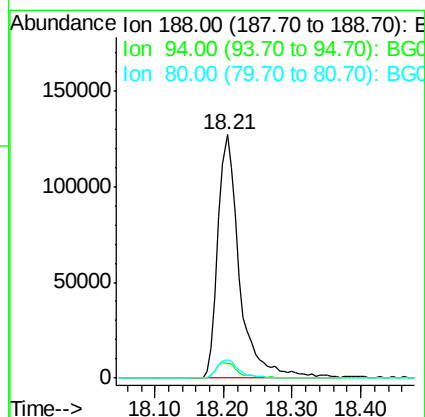
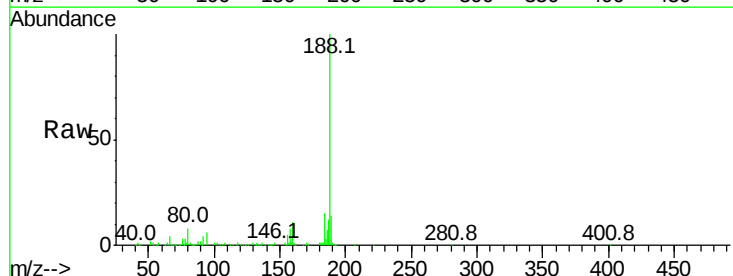
Instrument :
 BNA_G
 ClientSampleId :

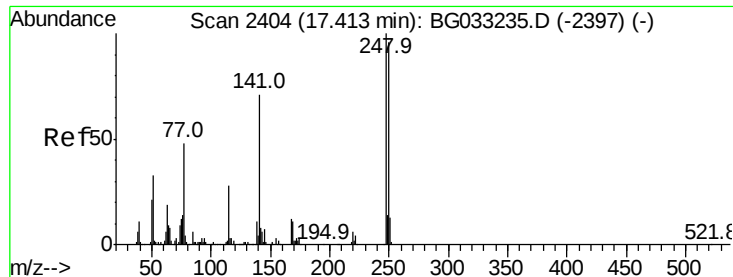
Tot Ion:165 Resp: 11324
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033831.D
 Acq: 17 Apr 2018 1:39

Tgt Ion:188 Resp: 277695
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.9 10.3#
 80 7.8 7.7 11.5

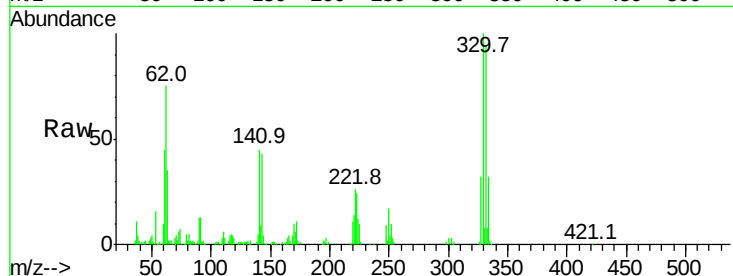




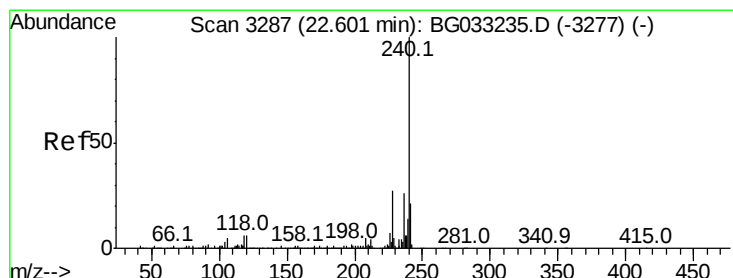
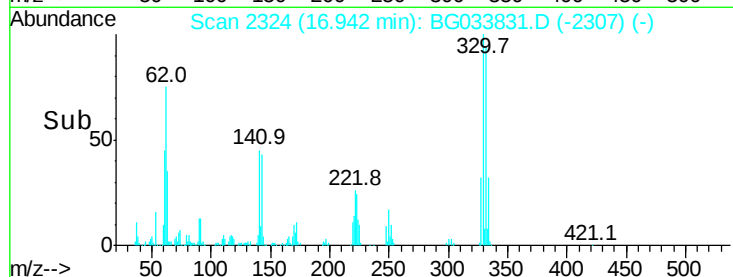
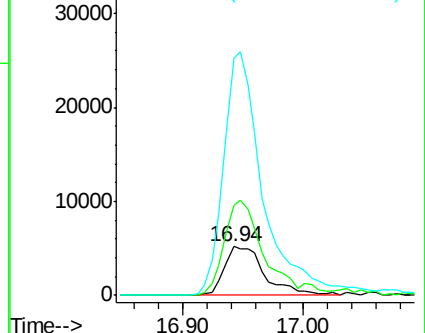
#66
4-Bromophenyl-phenylether
Concen: 3.677 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11993
Ion Ratio Lower Upper
248 100
250 148.4 77.1 115.7#
141 391.9 50.8 76.2#

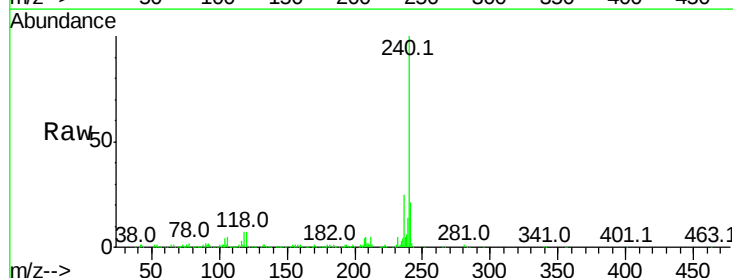


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

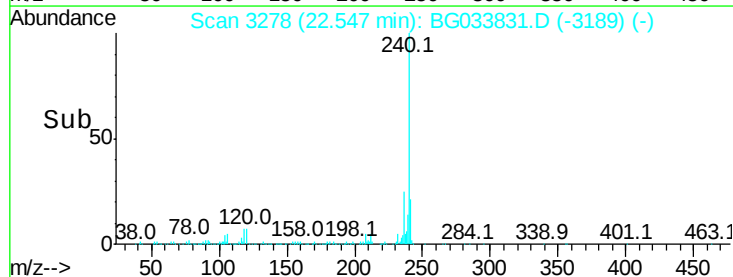
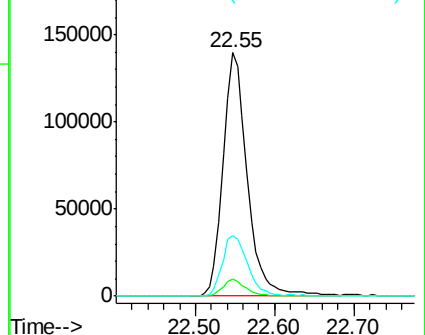


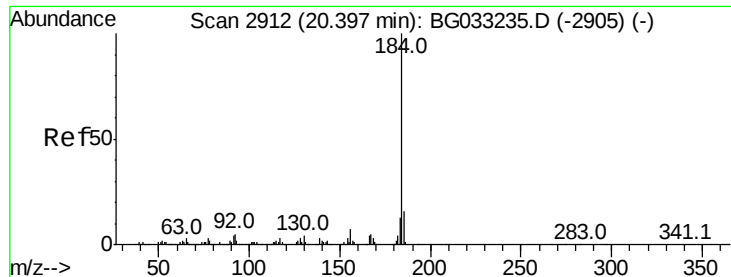
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:240 Resp: 296400
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2#
236 25.0 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: 3.046 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.35 min

Lab File: BG033831.D

Acq: 17 Apr 2018 1:39

Instrument :

BNA_G

ClientSampleId :

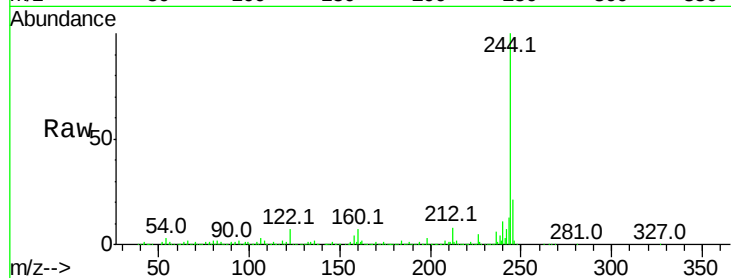
Tot Ion:184 Resp: 24484

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

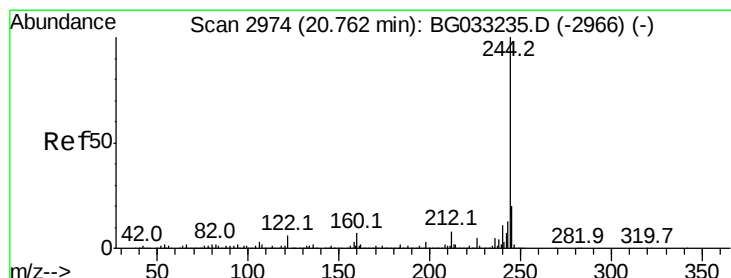
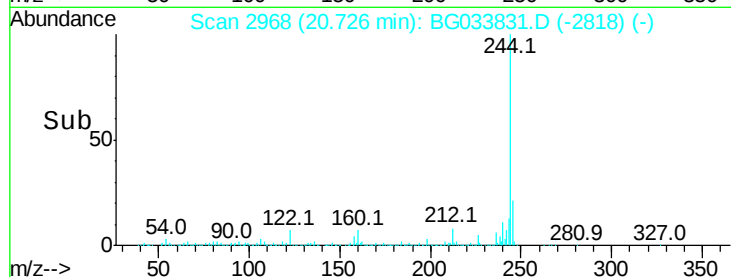
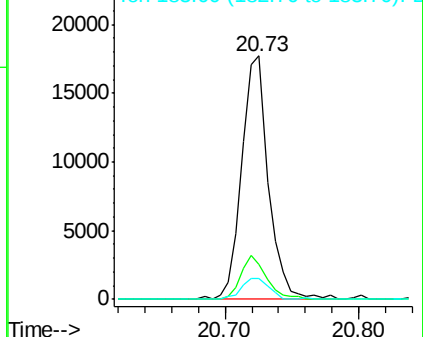
183 8.4 10.6 16.0#



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: 101.981 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033831.D

Acq: 17 Apr 2018 1:39

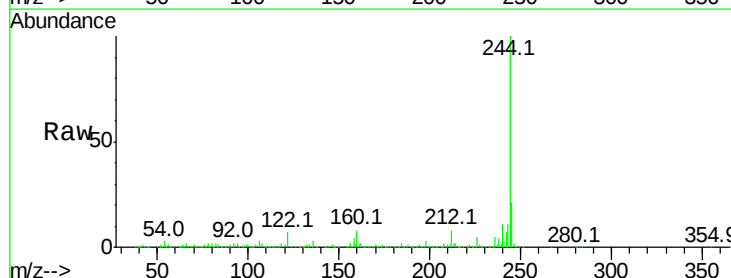
Tgt Ion:244 Resp: 1413404

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

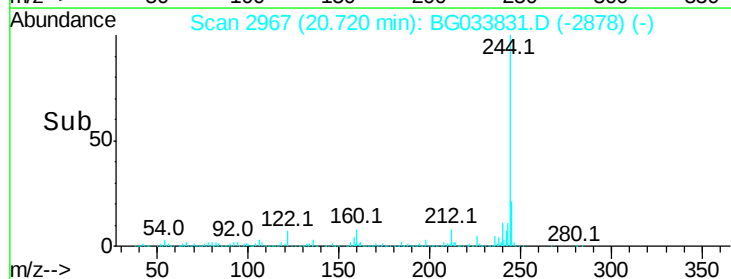
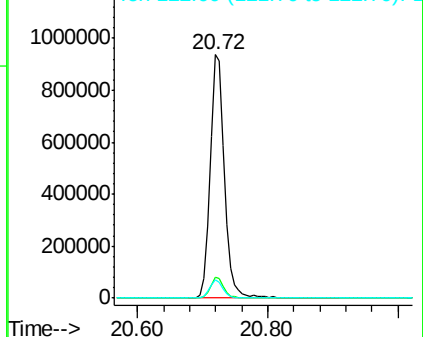
122 7.3 7.0 10.4

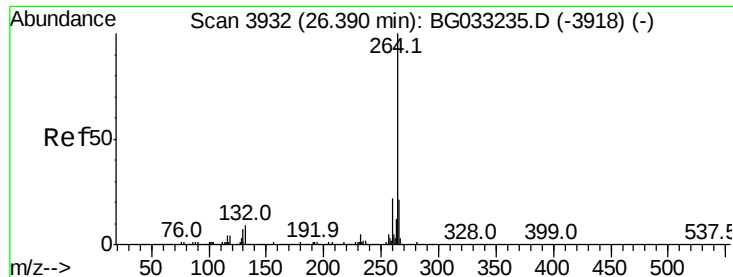


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

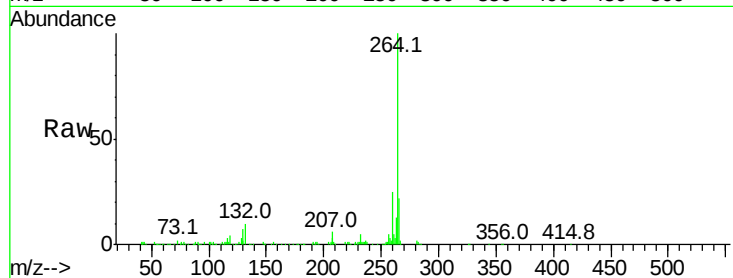




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	21.5	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

