

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033822.D
 Acq On : 16 Apr 2018 18:44
 Operator : SJ/JU
 Sample : J2391-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 04:03:23 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

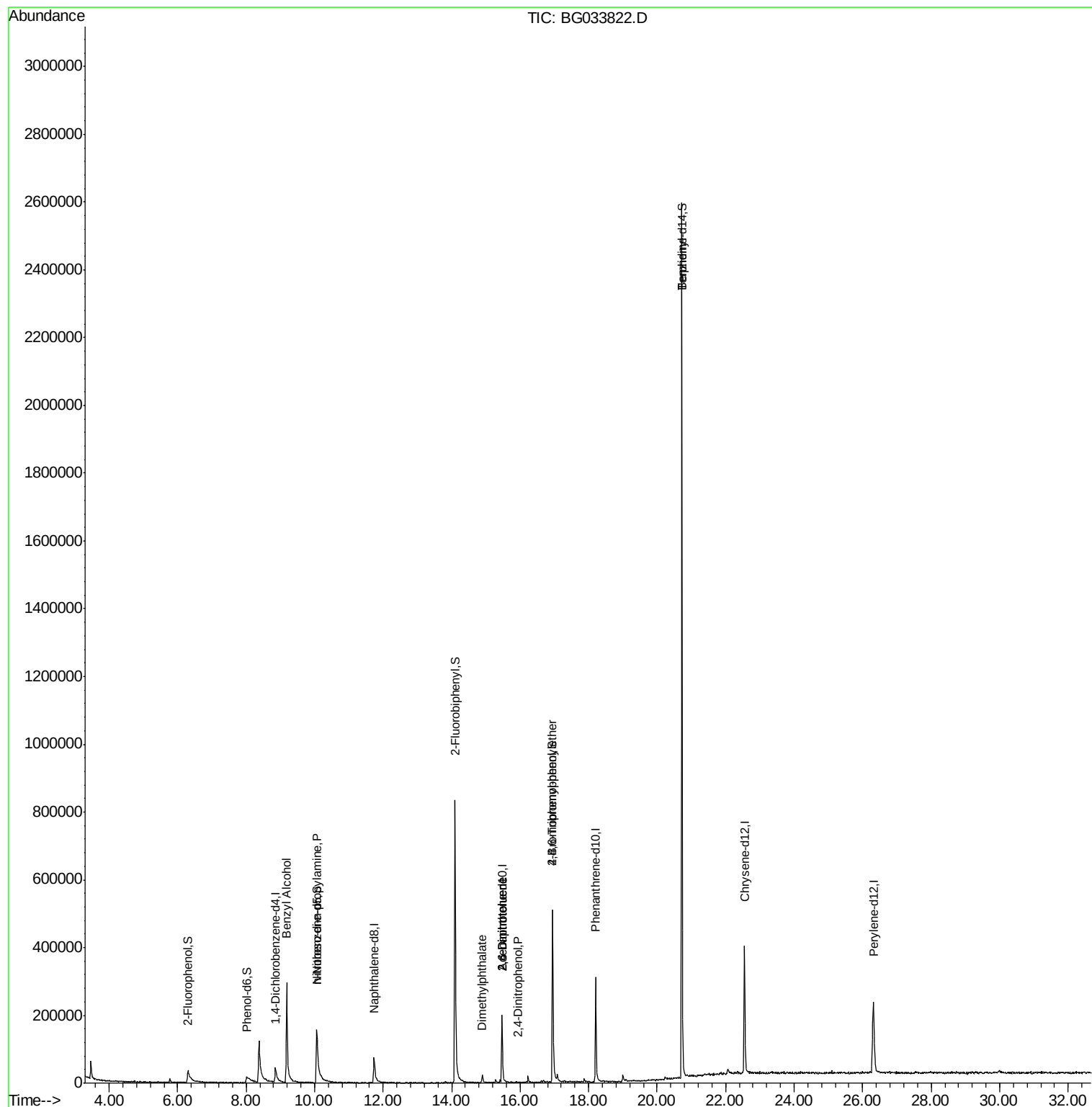
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	22781	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	112337	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	89373	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	250828	20.00	ng	0.00
75) Chrysene-d12	22.55	240	279055	20.00	ng	0.00
86) Perylene-d12	26.32	264	295698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	31947	26.30	ng	0.00
7) Phenol-d6	8.03	99	19248	9.22	ng	0.04
23) Nitrobenzene-d5	10.06	82	204454	83.62	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	128845	96.39	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	594009	95.95	ng	0.00
78) Terphenyl-d14	20.72	244	1302455	99.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	3924	2.388	ng	# 23
19) n-Nitroso-di-n-propylamine	10.06	70	25004	16.347	ng	# 82
49) Dimethylphthalate	14.89	163	20685	2.659	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	11268	7.085	ng	# 18
53) 2,4-Dinitrophenol	15.93	184	100	7.753	ng	# 28
56) 2,4-Dinitrotoluene	15.47	165	11721	5.005	ng	# 16
66) 4-Bromophenyl-phenylether	16.94	248	8978	3.048	ng	# 1
76) Benzidine	20.72	184	21399	2.828	ng	# 99

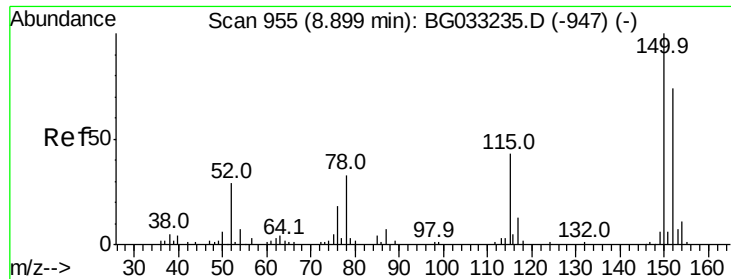
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_G
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Quant Time: Apr 17 04:03:23 2018
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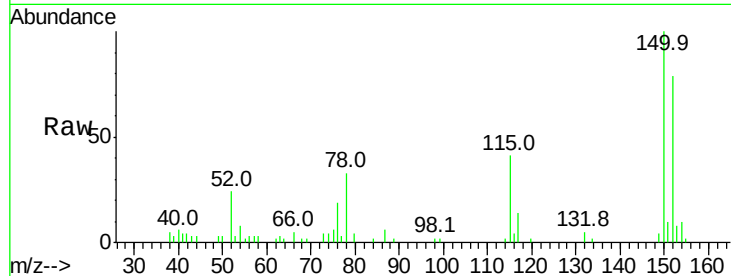


#1

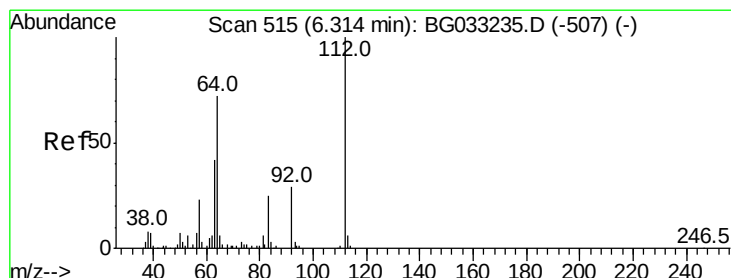
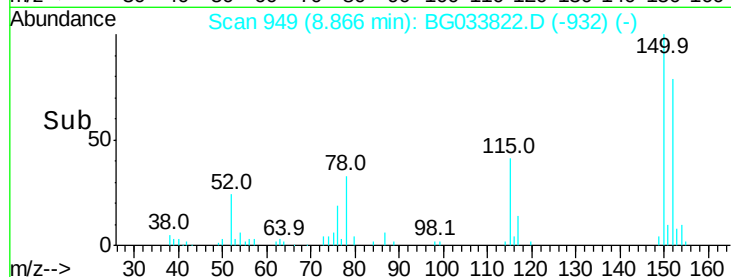
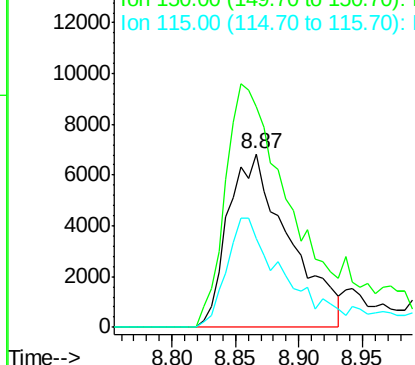
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 22781
Ion Ratio Lower Upper
152 100
150 127.0 126.6 189.8
115 51.5 53.0 79.4#



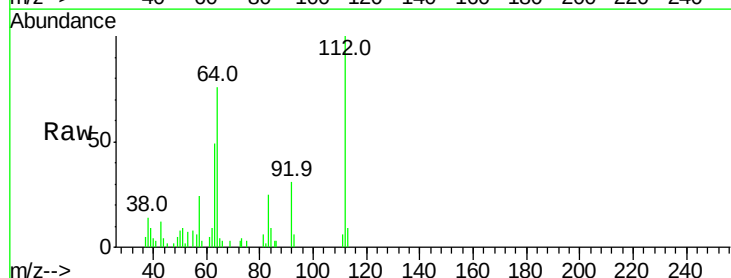
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



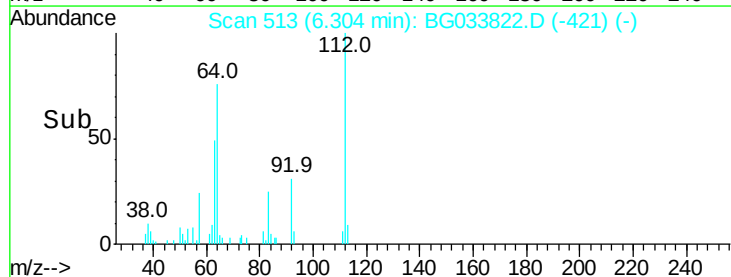
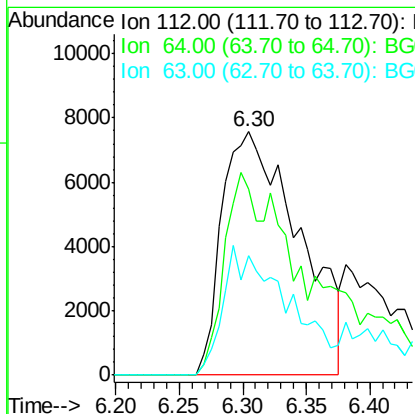
#5

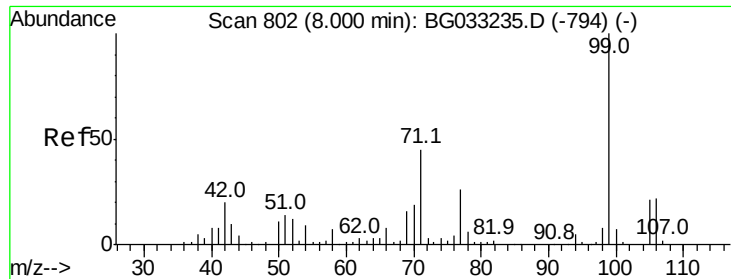
2-Fluorophenol
Concen: 26.296 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion:112 Resp: 31947
Ion Ratio Lower Upper
112 100
64 76.4 56.3 84.5
63 48.9 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: 9.221 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.04 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

Instrument :

BNA_G

ClientSampleId :

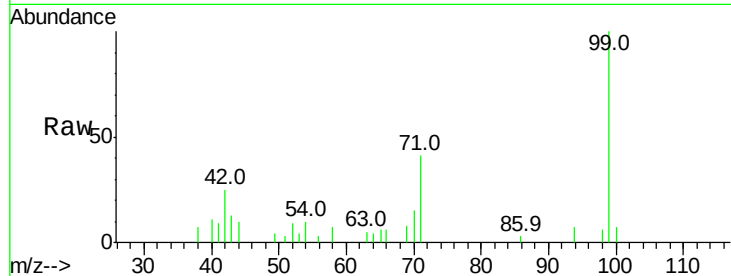
Tot Ion: 99 Resp: 19248

Ion Ratio Lower Upper

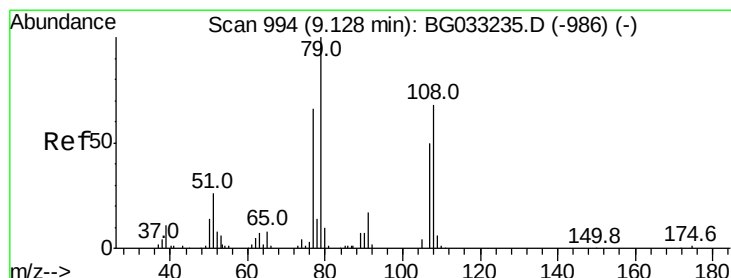
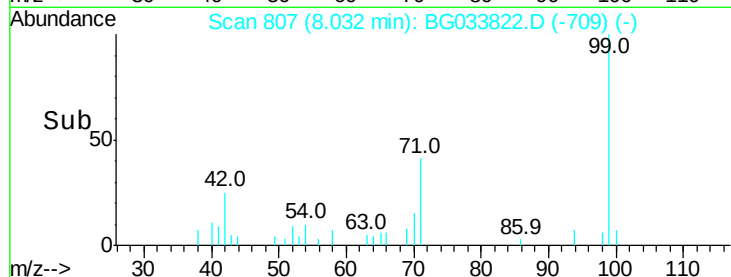
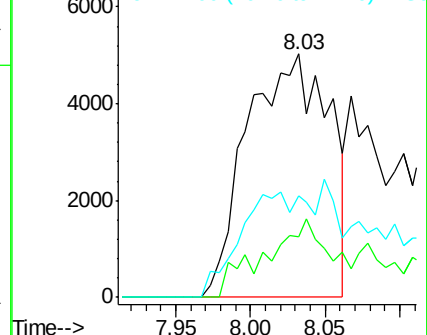
99 100

42 24.9 14.1 21.1#

71 41.5 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: 2.388 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

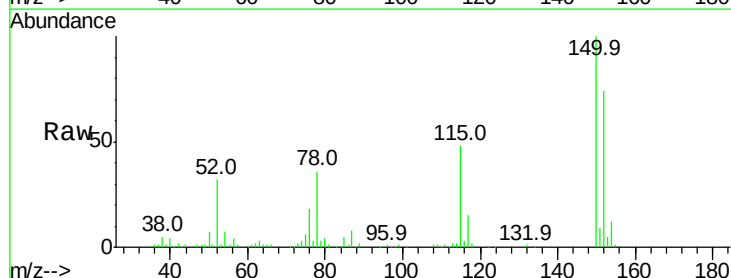
Tgt Ion: 79 Resp: 3924

Ion Ratio Lower Upper

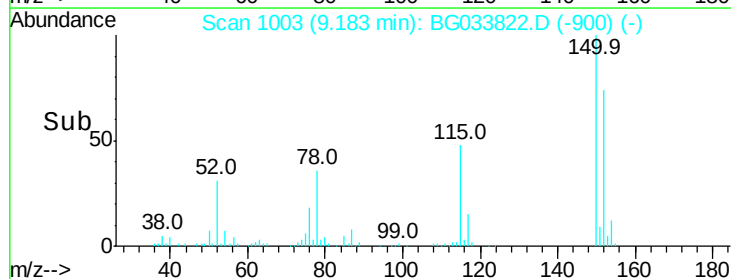
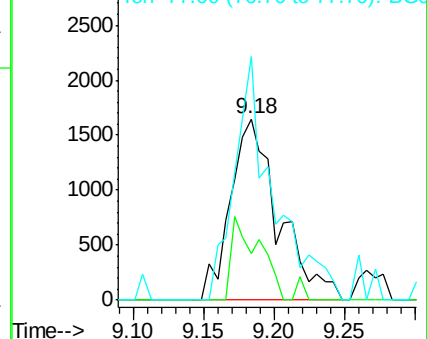
79 100

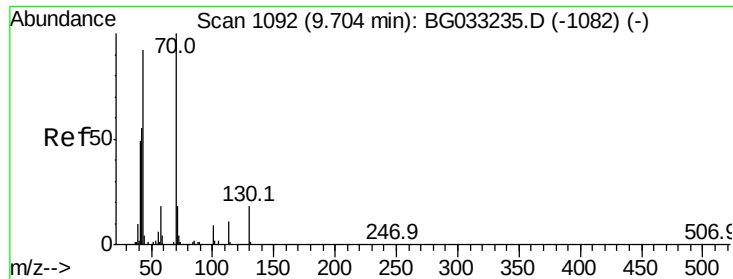
108 25.7 57.2 85.8#

77 134.3 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

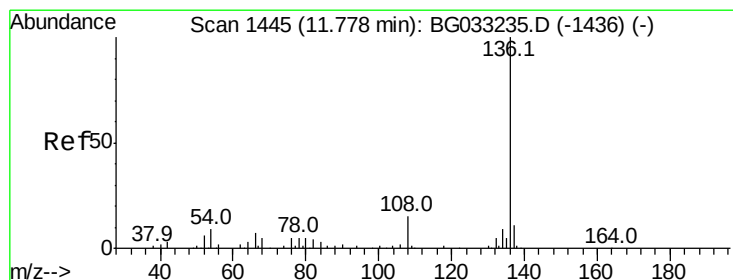
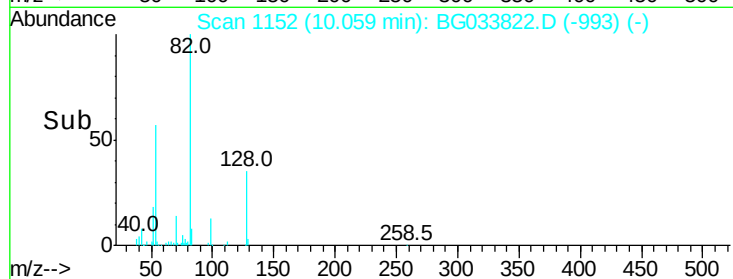
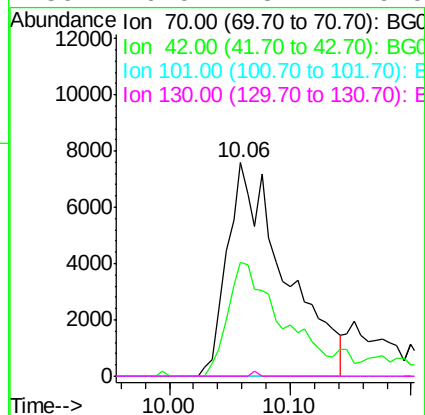
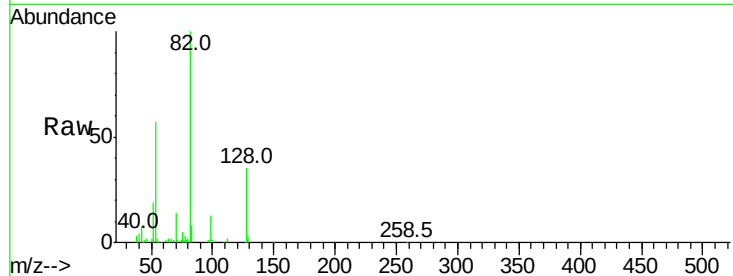




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.347 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.40 min
 Lab File: BG033822.D
 Acq: 16 Apr 2018 18:44

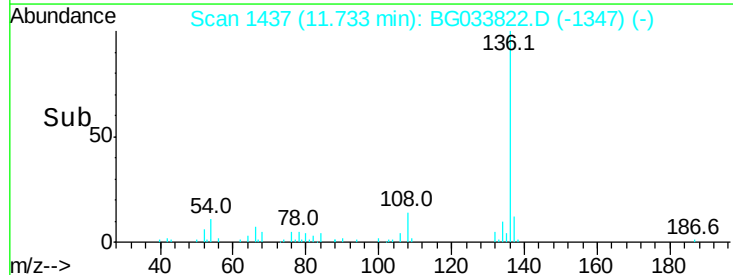
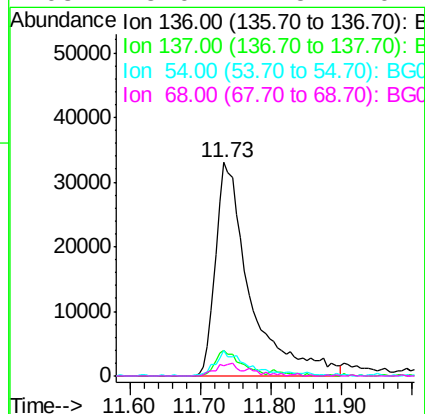
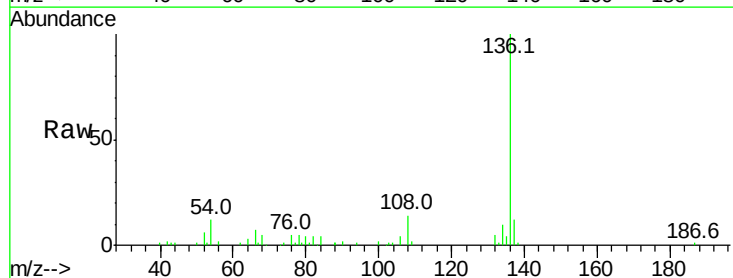
Instrument :
 BNA_G
 ClientSampleId :

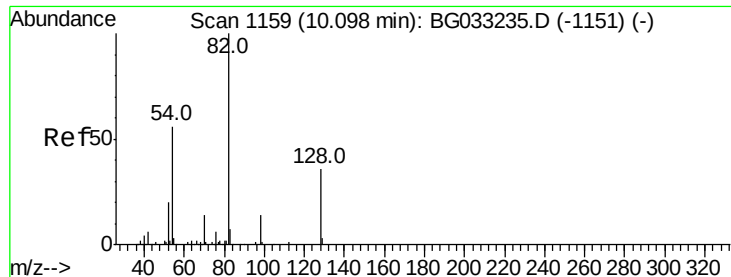
Tot Ion:	70	Resp:	25004
Ion	Ratio	Lower	Upper
70	100		
42	53.5	49.1	73.7
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.73 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BG033822.D
 Acq: 16 Apr 2018 18:44

Tgt Ion:	136	Resp:	112337
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	12.1	10.3	15.5
68	5.0	4.5	6.7





#23

Nitrobenzene-d5

Concen: 83.618 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

Instrument :

BNA_G

ClientSampleId :

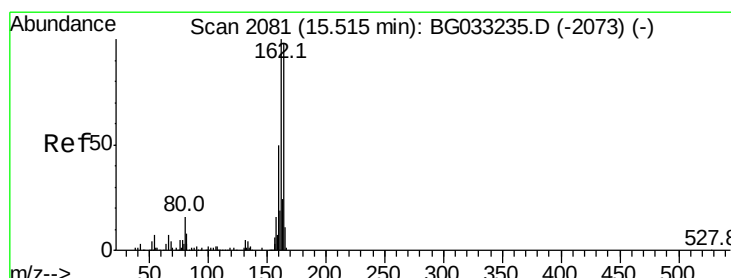
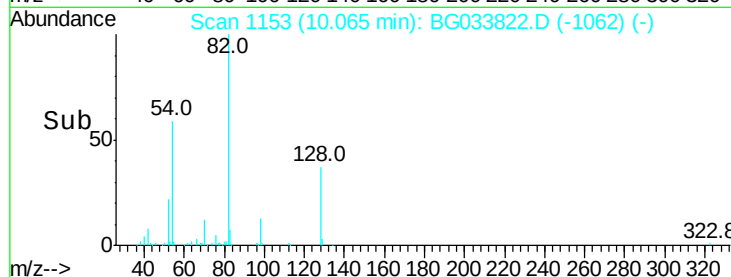
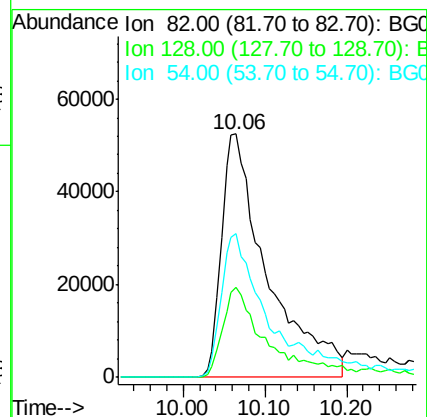
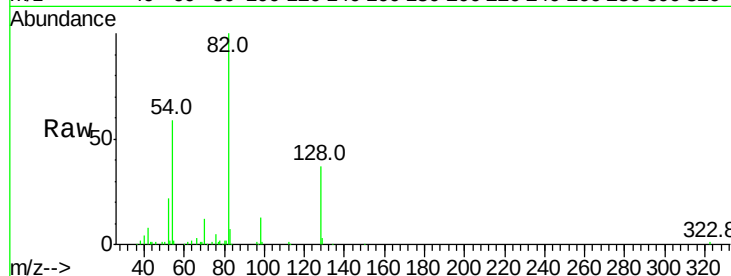
Tot Ion: 82 Resp: 204454

Ion Ratio Lower Upper

82 100

128 36.9 29.7 44.5

54 58.9 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

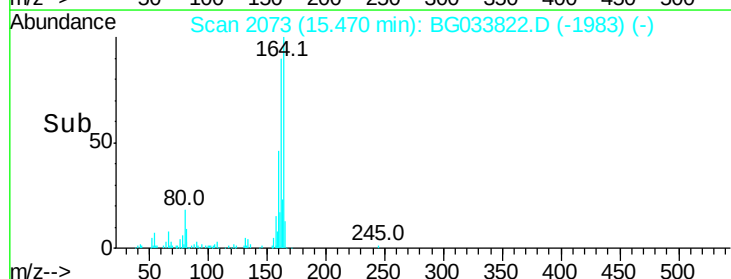
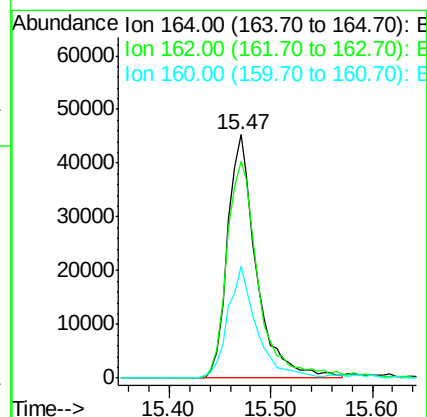
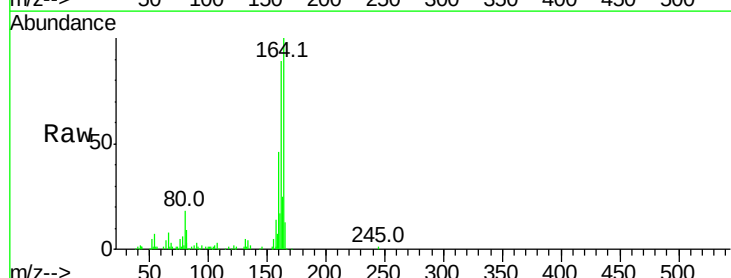
Tgt Ion: 164 Resp: 89373

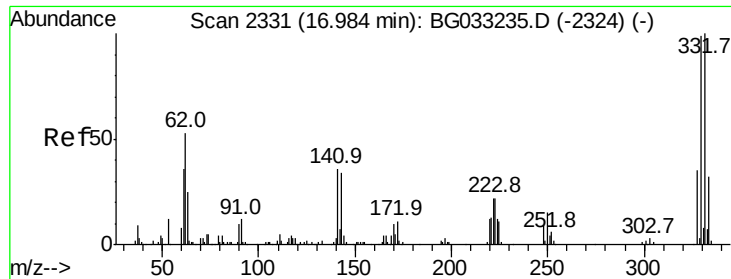
Ion Ratio Lower Upper

164 100

162 89.1 78.8 118.2

160 45.7 35.4 53.0

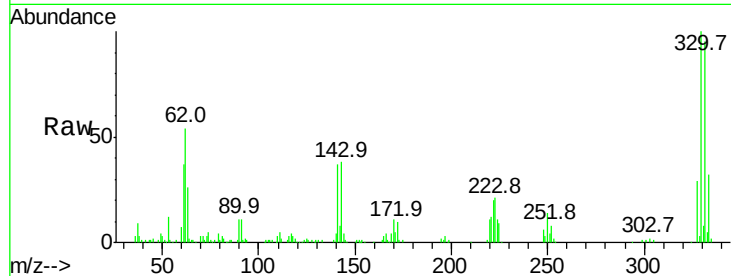




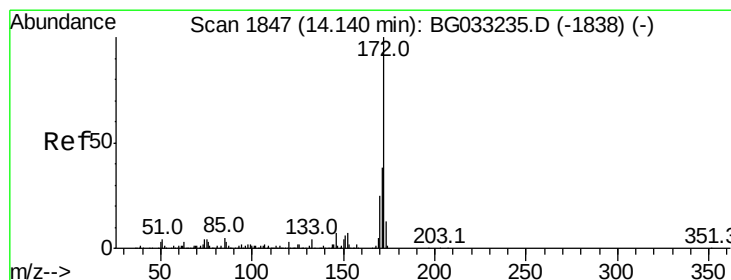
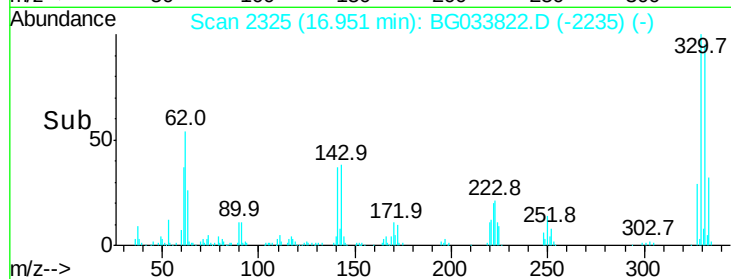
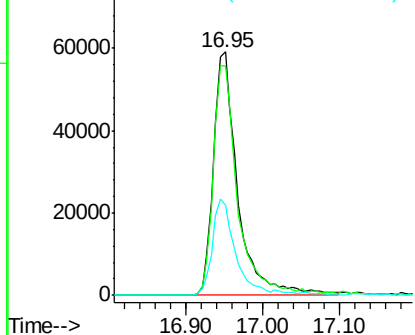
#41
 2,4,6-Tribromophenol
 Concen: 96.392 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033822.D
 Acq: 16 Apr 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.8	25.2	37.8#

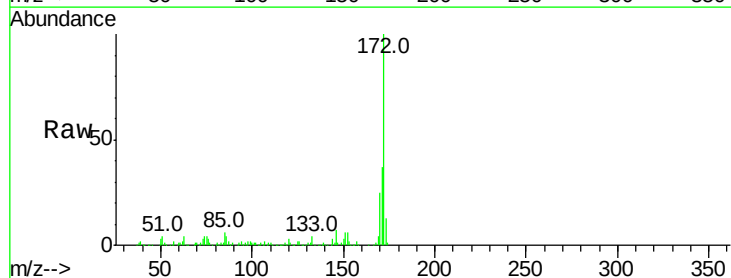


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

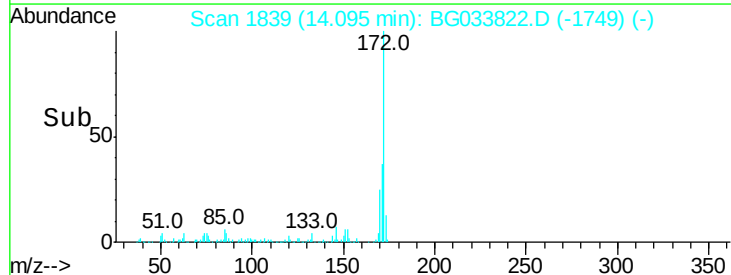
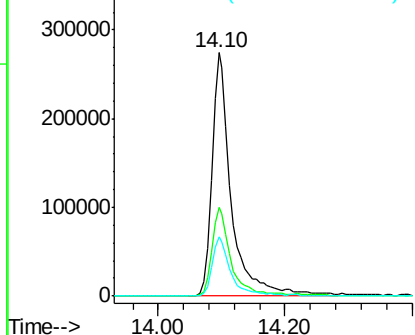


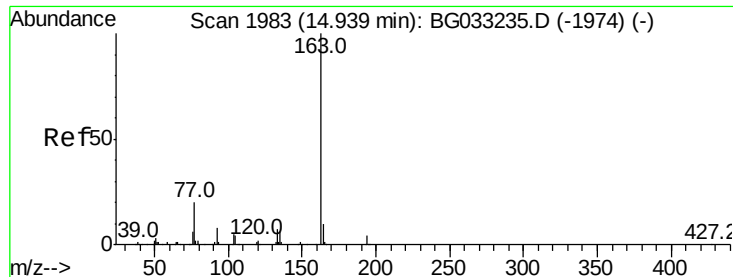
#44
 2-Fluorobiphenyl
 Concen: 95.950 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG033822.D
 Acq: 16 Apr 2018 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.6	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: 2.659 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

Instrument :

BNA_G

ClientSampleId :

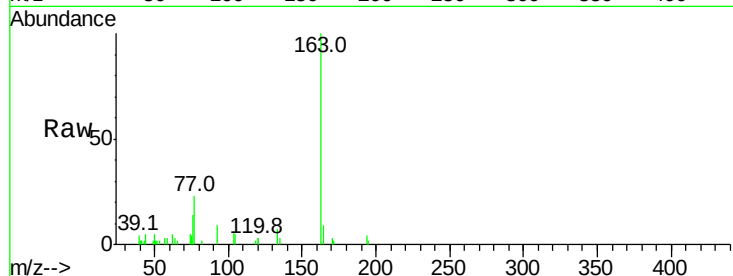
Tot Ion:163 Resp: 20685

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

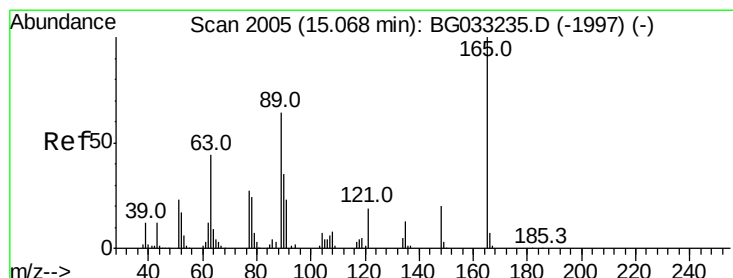
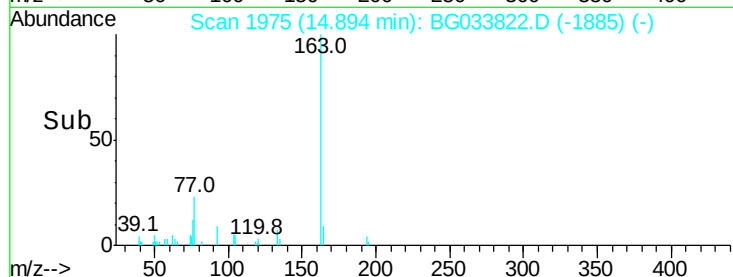
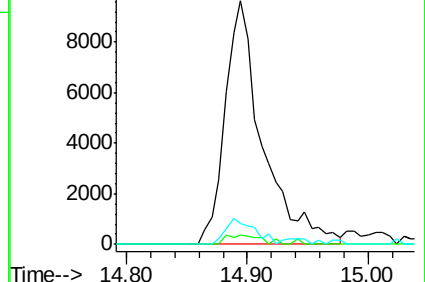
164 8.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.085 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.44 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

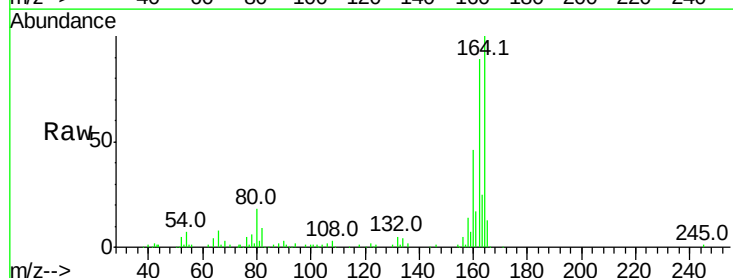
Tgt Ion:165 Resp: 11268

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

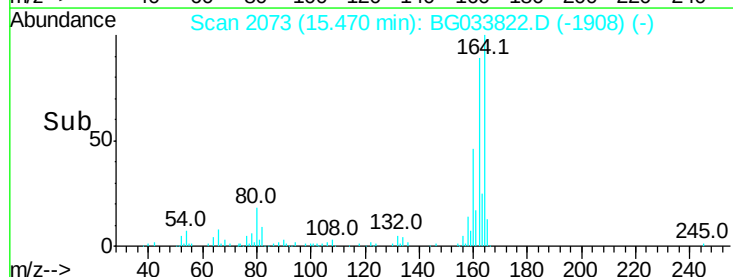
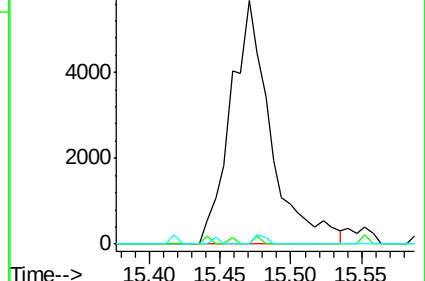
89 0.0 49.2 73.8#

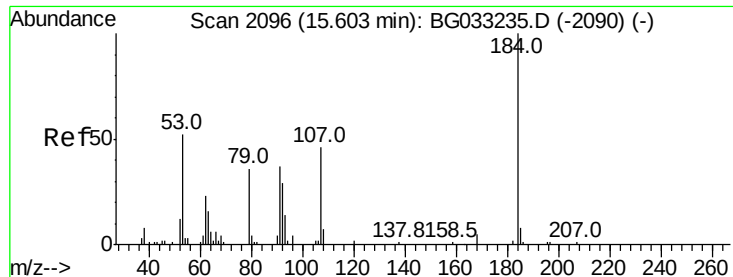


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

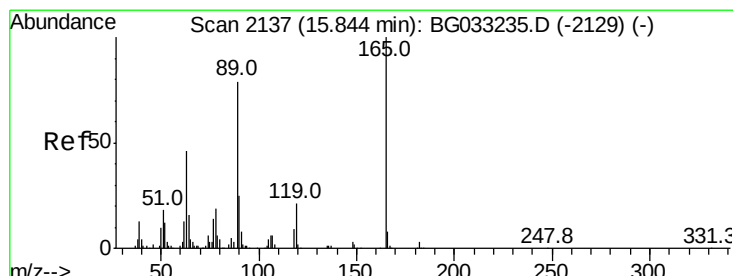
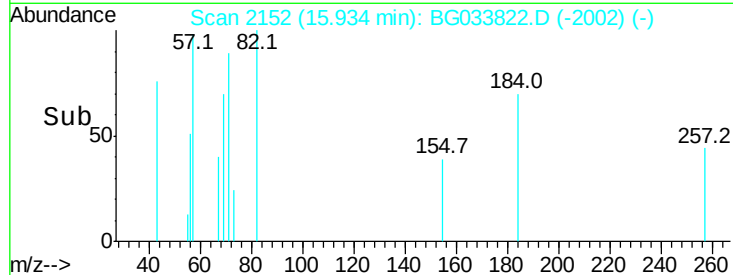
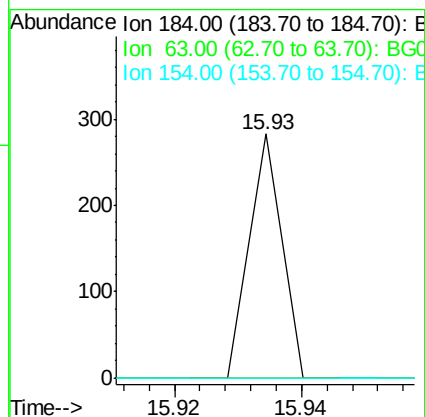
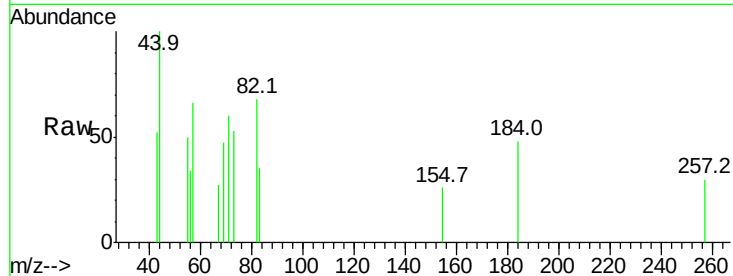




#53
 2,4-Dinitrophenol
 Concen: 7.753 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. 0.35 min
 Lab File: BG033822.D
 Acq: 16 Apr 2018 18:44

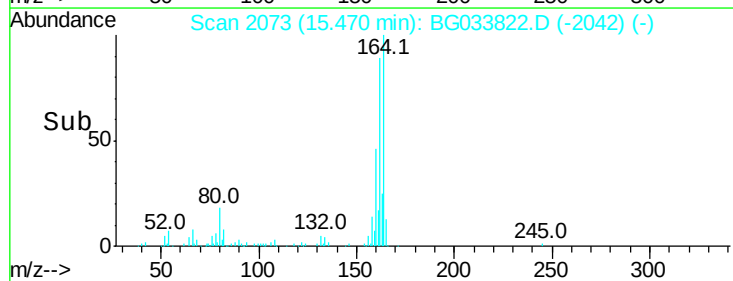
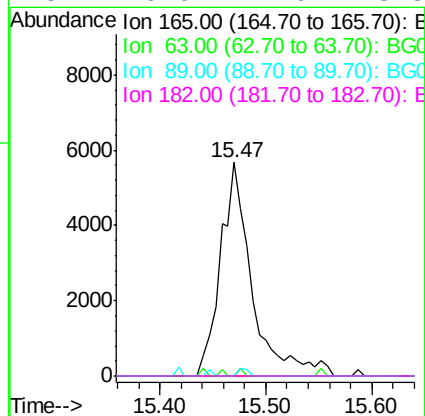
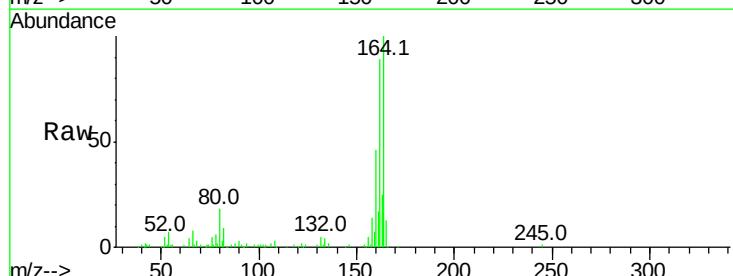
Instrument :
 BNA_G
 ClientSampleId :

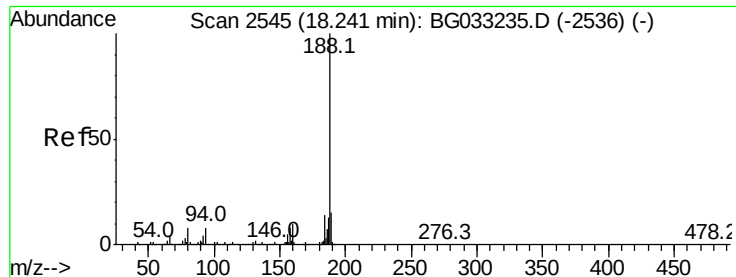
Tot Ion:184 Resp: 100
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 54.8 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.005 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.35 min
 Lab File: BG033822.D
 Acq: 16 Apr 2018 18:44

Tgt Ion:165 Resp: 11721
 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: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

Instrument :

BNA_G

ClientSampleId :

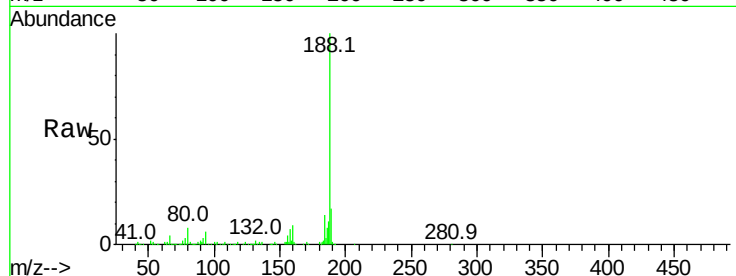
Tot Ion:188 Resp: 250828

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

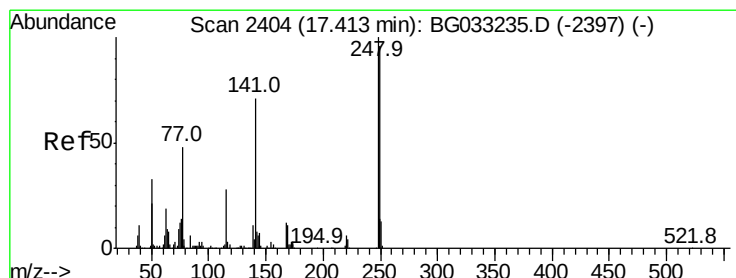
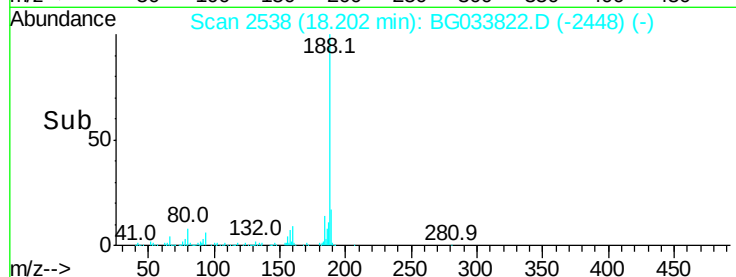
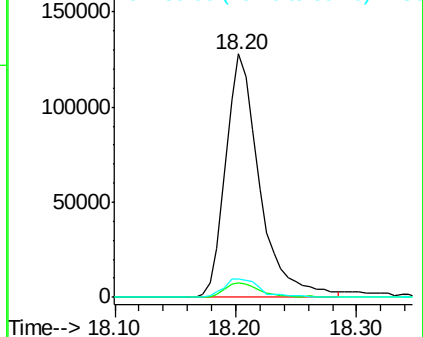
80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.048 ng

RT: 16.94 min Scan# 2324

Delta R.T. -0.43 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

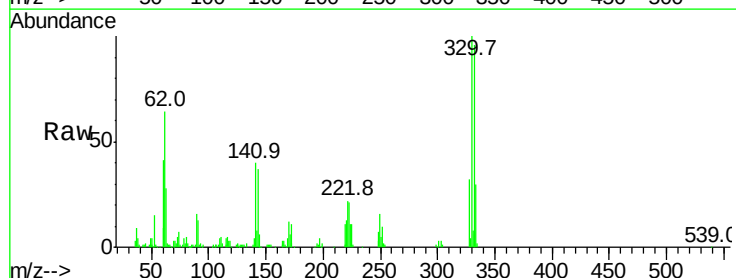
Tgt Ion:248 Resp: 8978

Ion Ratio Lower Upper

248 100

250 212.0 77.1 115.7#

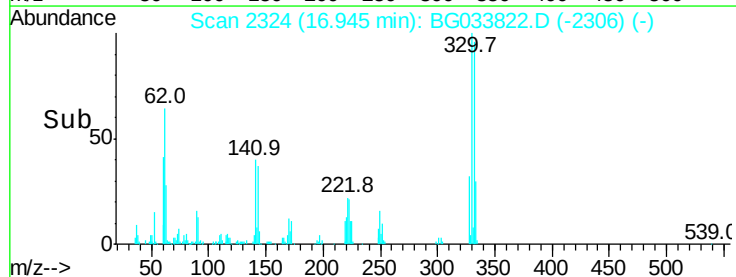
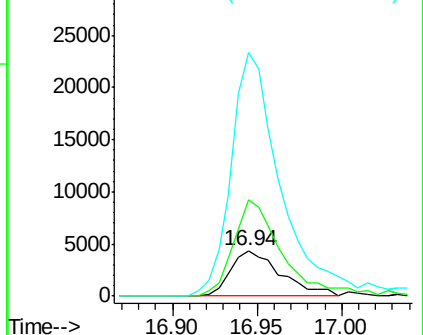
141 537.5 50.8 76.2#

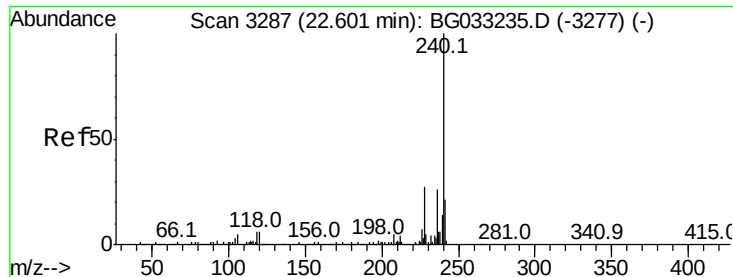


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.00 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

Instrument :

BNA_G

ClientSampleId :

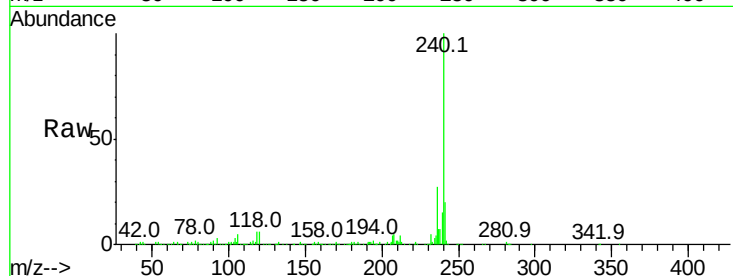
Tot Ion:240 Resp: 279055

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

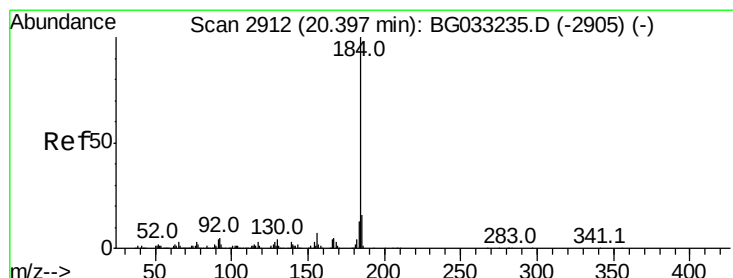
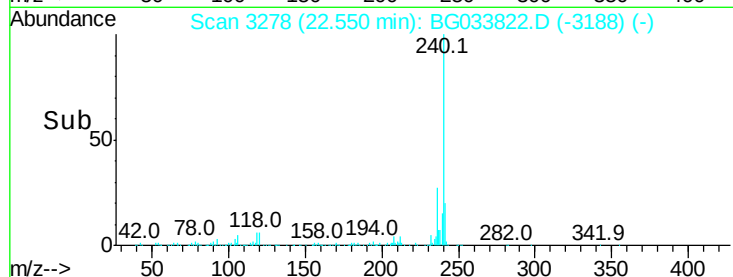
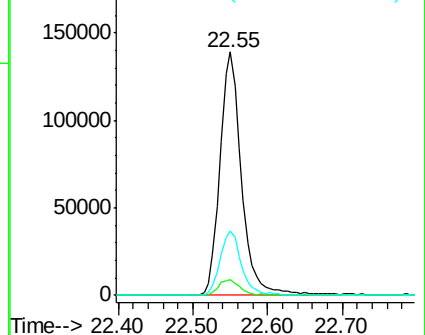
236 26.5 20.9 31.3



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: 2.828 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.35 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

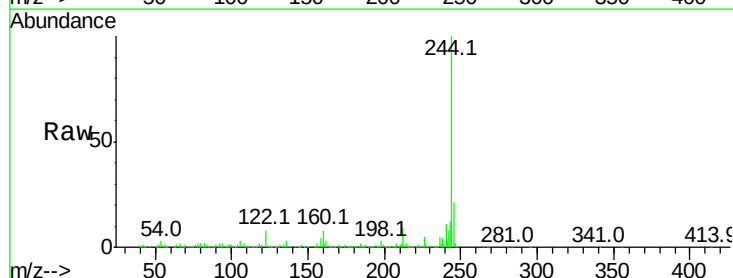
Tgt Ion:184 Resp: 21399

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

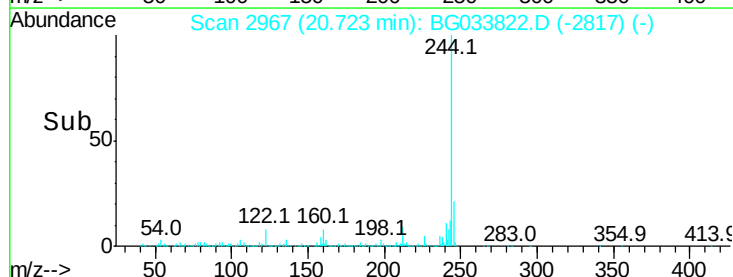
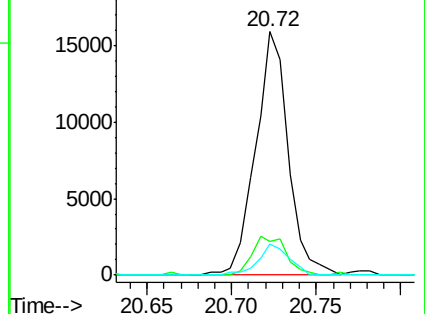
183 12.9 10.6 16.0

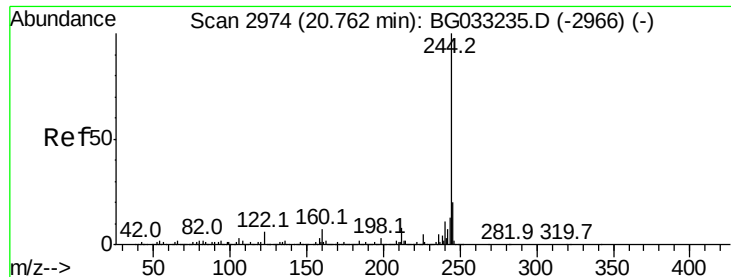


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 99.817 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

Instrument :

BNA_G

ClientSampleId :

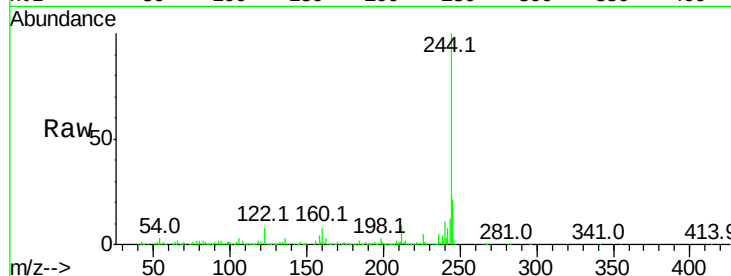
Tot Ion:244 Resp: 1302455

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

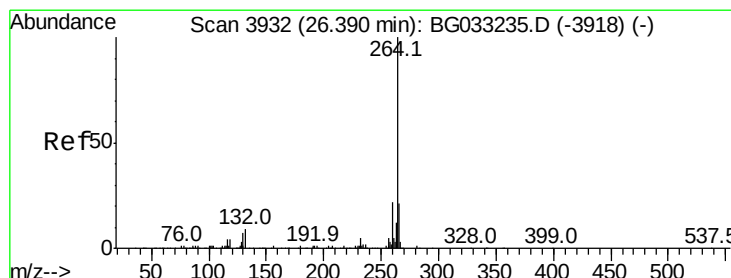
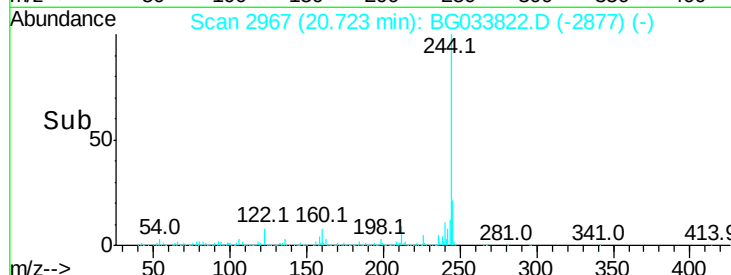
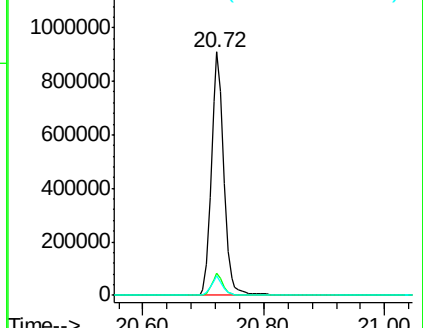
122 7.8 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BG033822.D

Acq: 16 Apr 2018 18:44

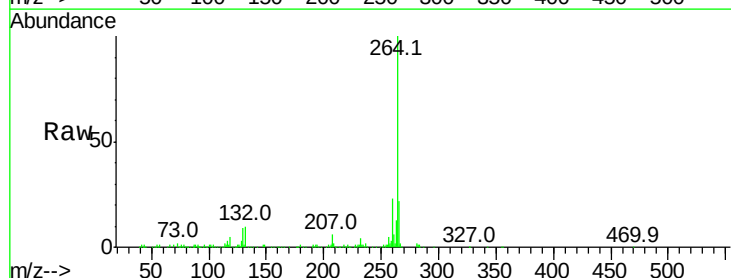
Tgt Ion:264 Resp: 295698

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.8 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

