

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033390.D
 Acq On : 28 Mar 2018 17:43
 Operator : SJ/JU
 Sample : J2072-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 18:30:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:29:08 2018
 Response via : Initial Calibration

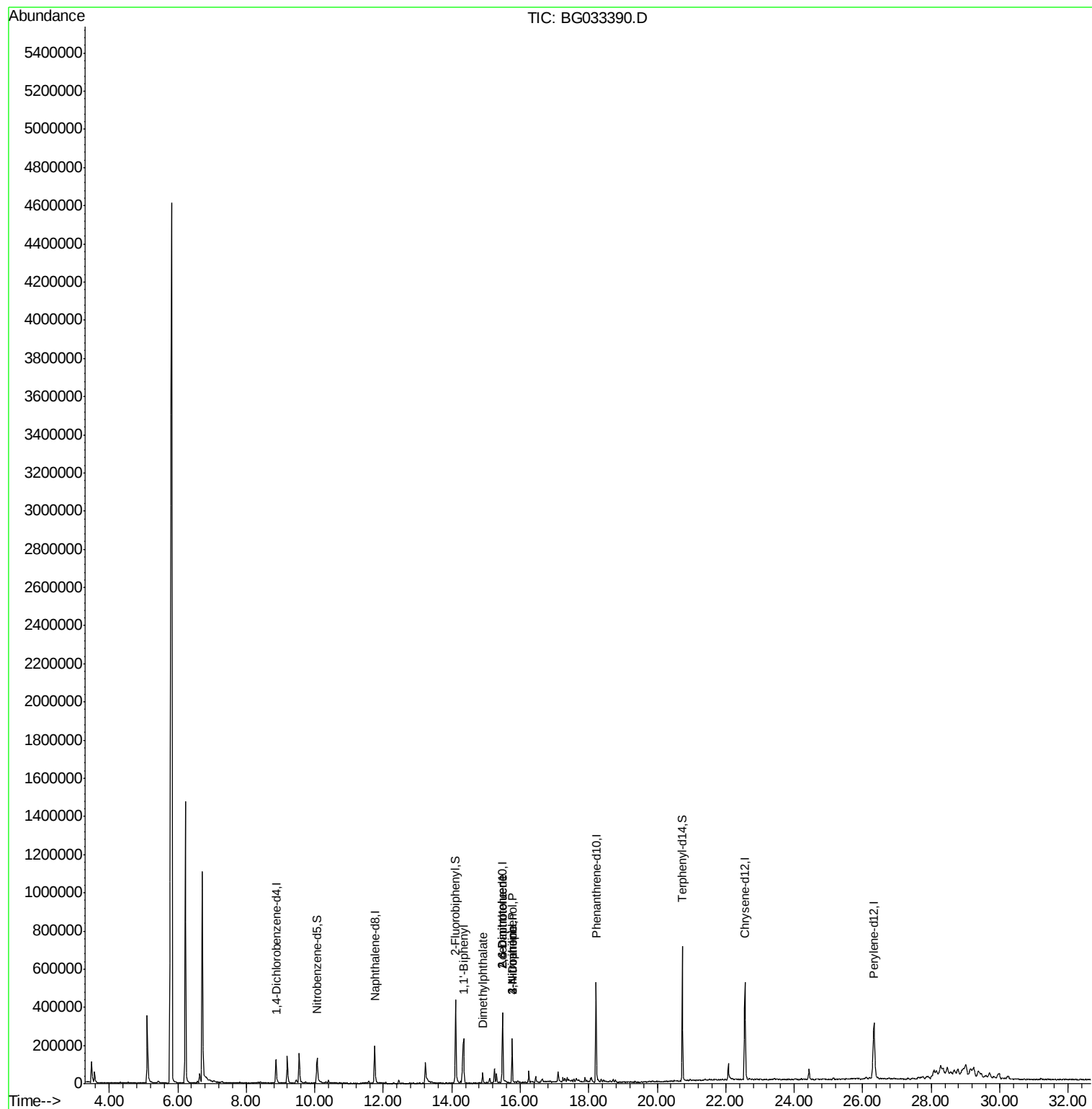
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	46912	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	186897	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	141278	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	366773	20.00	ng	0.00
75) Chrysene-d12	22.56	240	384993	20.00	ng	0.00
86) Perylene-d12	26.32	264	408285	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	10.07	82	110708	27.21	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	14.11	172	253752	25.93	ng	0.00
78) Terphenyl-d14	20.73	244	364826	20.27	ng	0.00
Target Compounds						
45) 1,1'-Biphenyl	14.35	154	33500	3.086	ng	Qvalue # 43
49) Dimethylphthalate	14.90	163	34901	2.839	ng	# 97
50) 2,6-Dinitrotoluene	15.48	165	17218	6.849	ng	# 21
52) 3-Nitroaniline	15.77	138	38374	14.560	ng	# 1
53) 2,4-Dinitrophenol	15.77	184	1545	8.716	ng	# 32
55) 4-Nitrophenol	15.77	139	13843	7.469	ng	# 12
56) 2,4-Dinitrotoluene	15.48	165	17290	4.671	ng	# 18

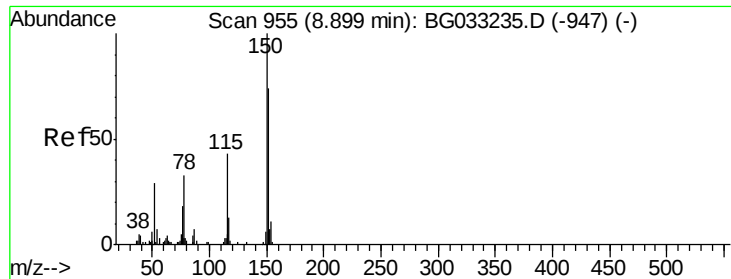
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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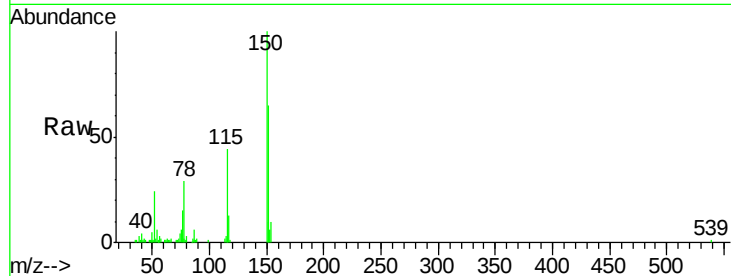




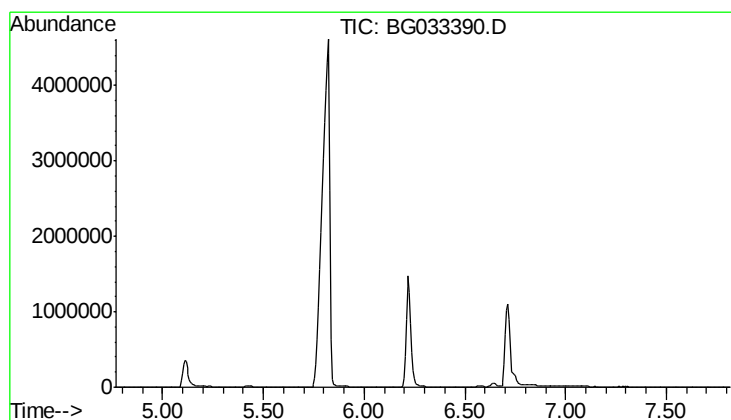
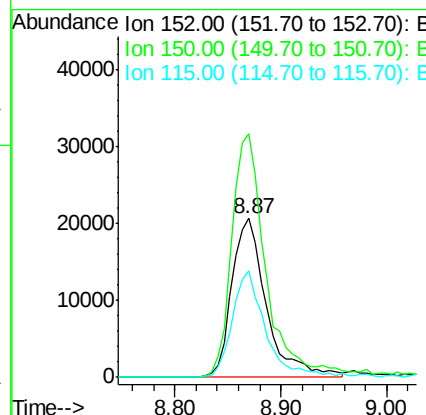
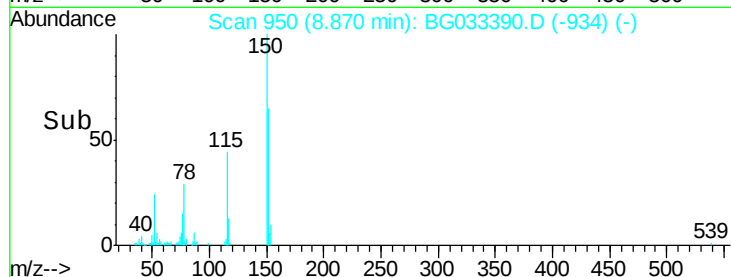
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 46912
 Ion Ratio Lower Upper
 152 100
 150 153.1 126.6 189.8
 115 67.2 53.0 79.4

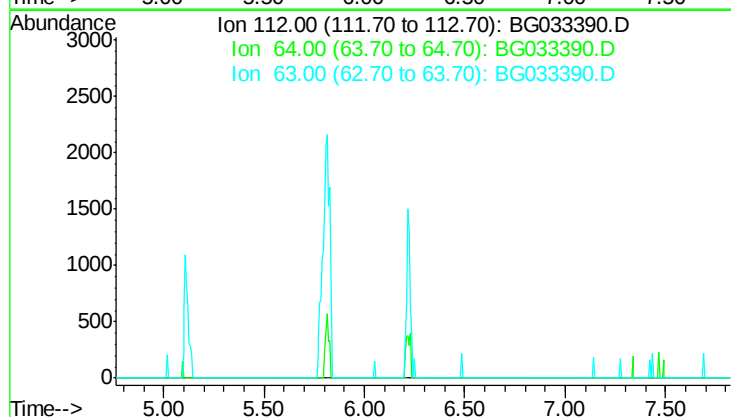


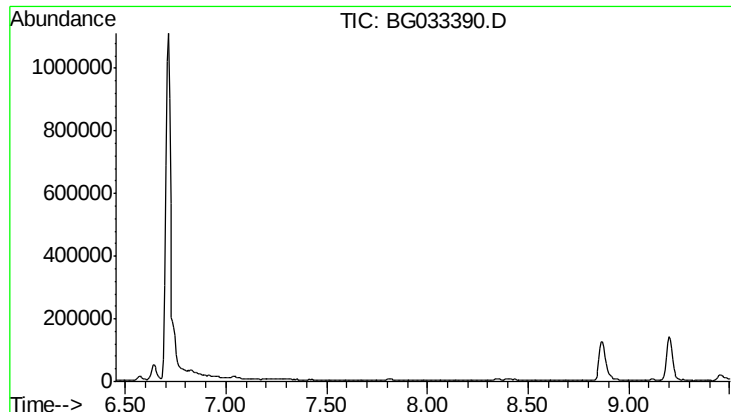
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 6.29 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 70.4
 63 37.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.98 min

Lab File: BG033390.D

Acq: 28 Mar 2018 17:43

Instrument :

BNA_G

ClientSampleId :

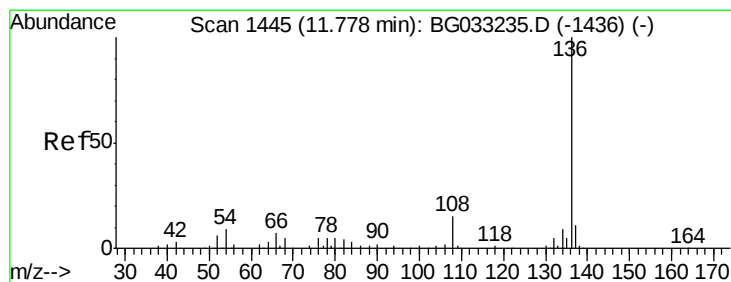
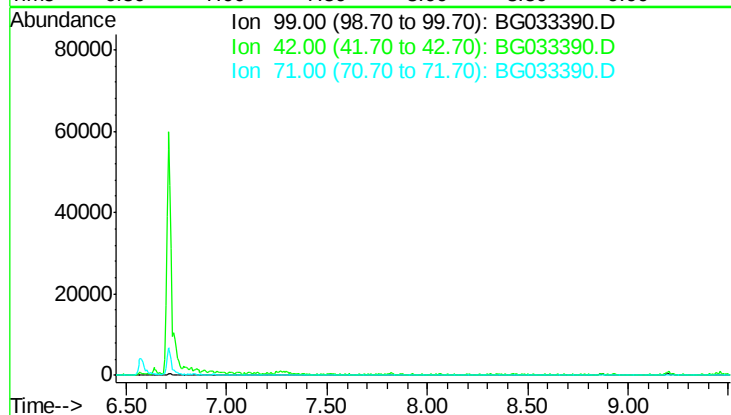
Tot Ion: 99

Sig Exp Ratio

99 100

42 17.6

71 32.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033390.D

Acq: 28 Mar 2018 17:43

Tgt Ion:136 Resp: 186897

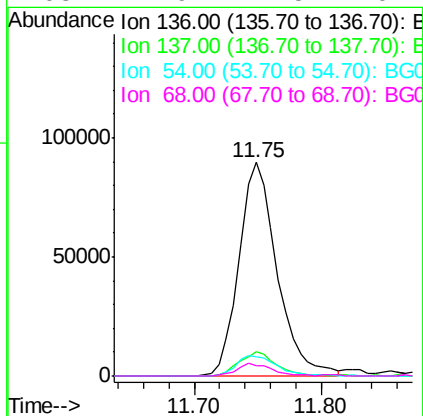
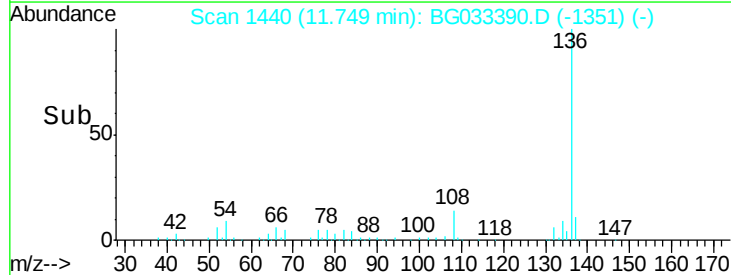
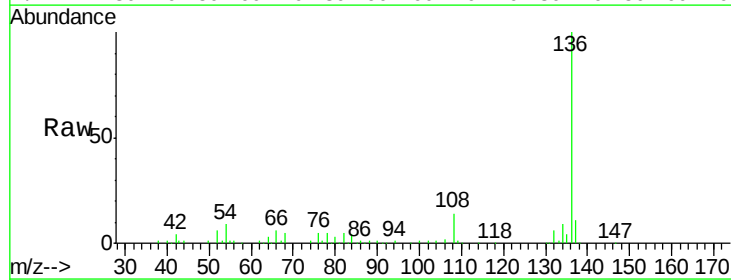
Ion Ratio Lower Upper

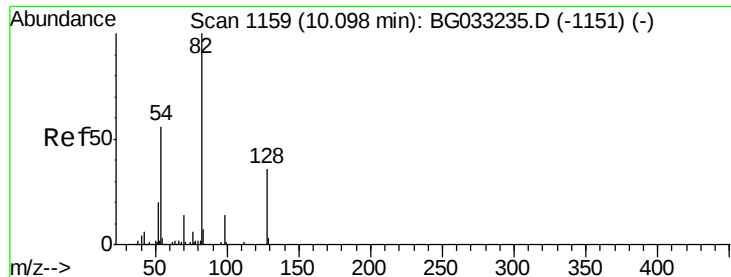
136 100

137 11.2 9.2 13.8

54 8.8 10.3 15.5#

68 4.9 4.5 6.7

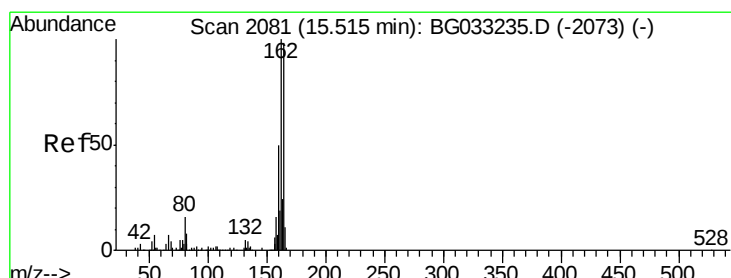
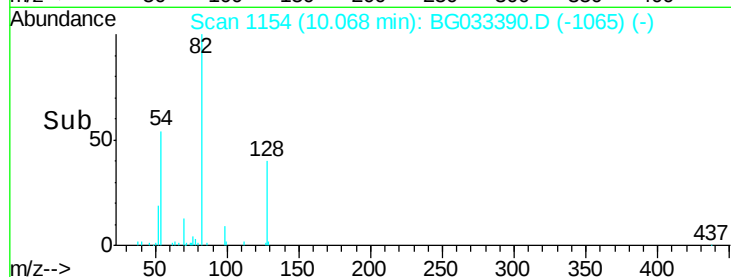
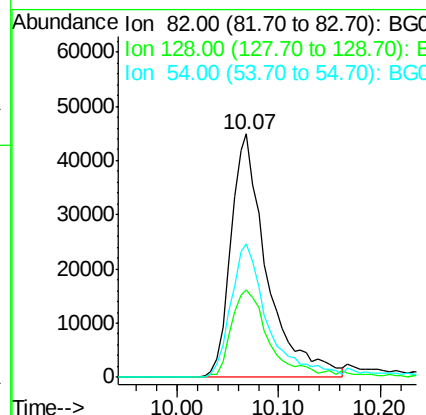
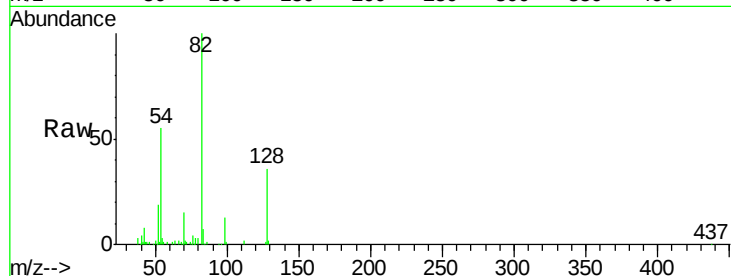




#23
 Nitrobenzene-d5
 Concen: 27.215 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

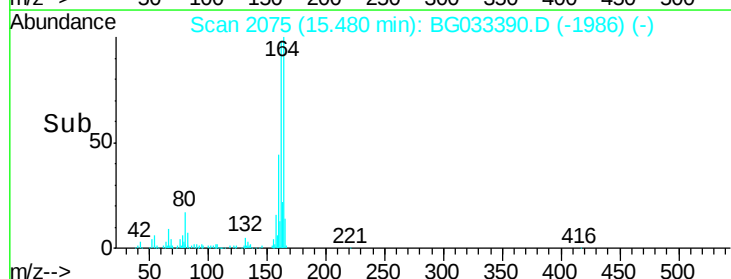
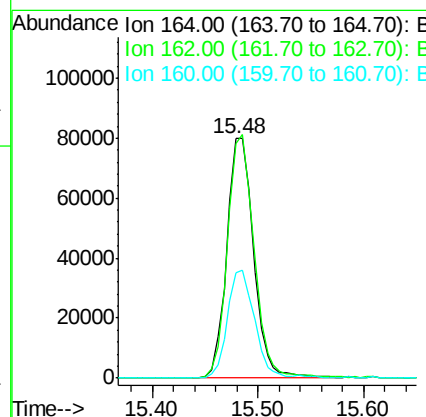
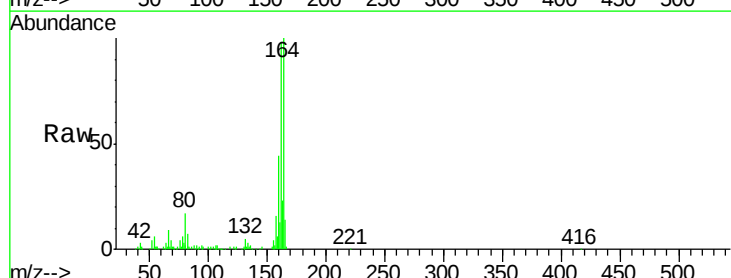
Instrument :
 BNA_G
 ClientSampleId :

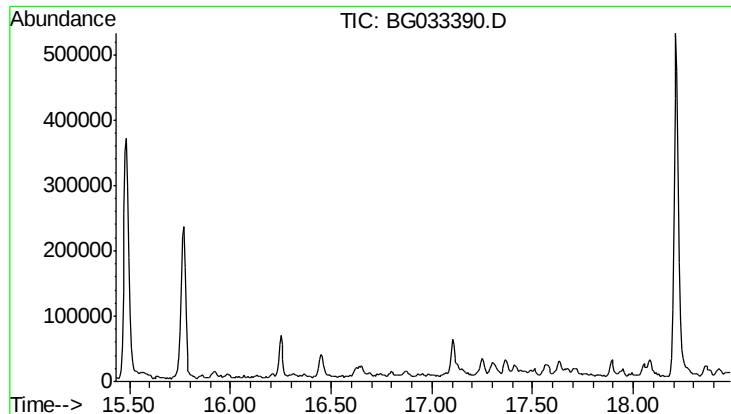
Tot Ion: 82 Resp: 110708
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.7 44.5
 54 54.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

Tgt Ion: 164 Resp: 141278
 Ion Ratio Lower Upper
 164 100
 162 98.2 78.8 118.2
 160 44.0 35.4 53.0

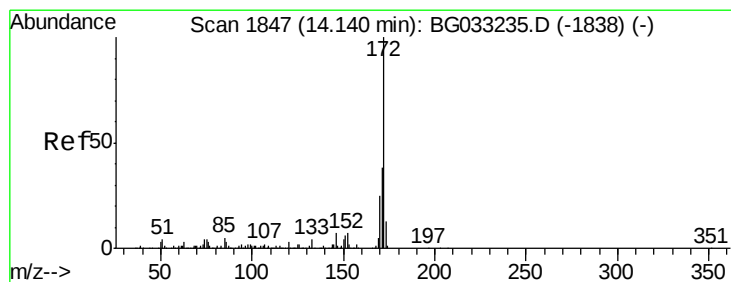
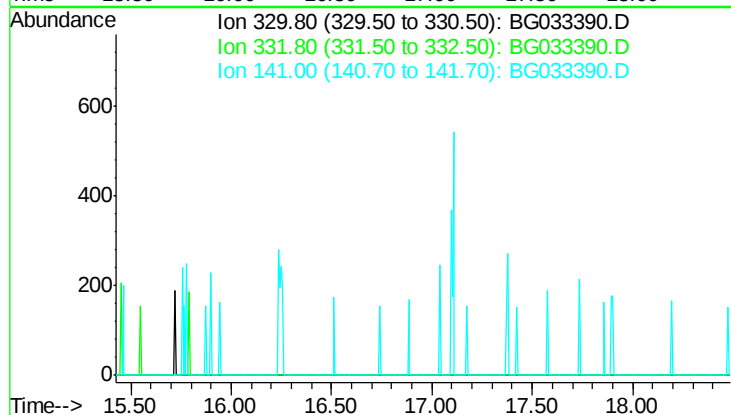




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.96 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

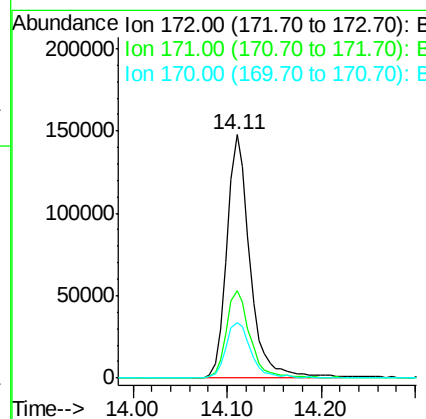
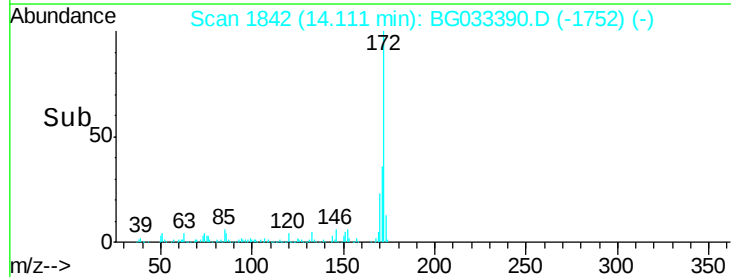
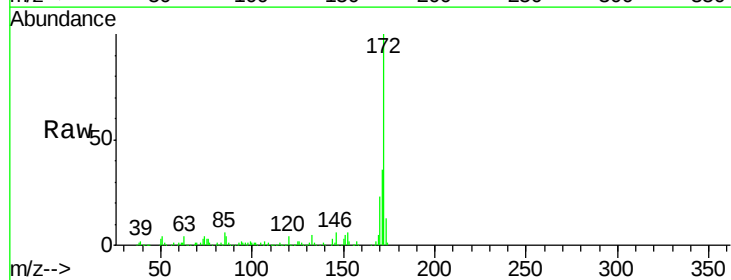
Instrument :
 BNA_G
 ClientSampleId :

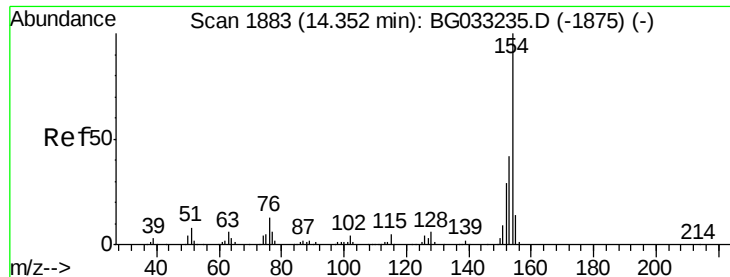
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 31.5



#44
 2-Fluorobiphenyl
 Concen: 25.929 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

Tgt Ion: 172 Resp: 253752
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 22.9 19.5 29.3





#45

1,1'-Biphenyl

Concen: 3.086 ng

RT: 14.35 min Scan# 1882

Delta R.T. 0.01 min

Lab File: BG033390.D

Acq: 28 Mar 2018 17:43

Instrument :

BNA_G

ClientSampleId :

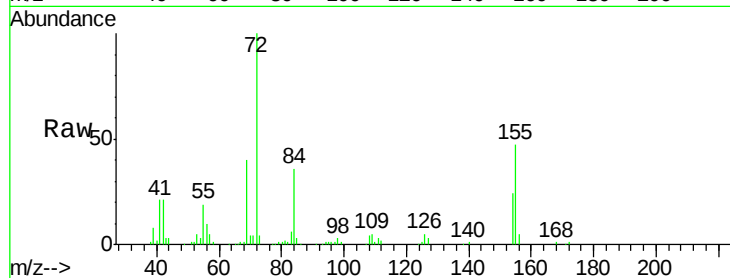
Tot Ion:154 Resp: 33500

Ion Ratio Lower Upper

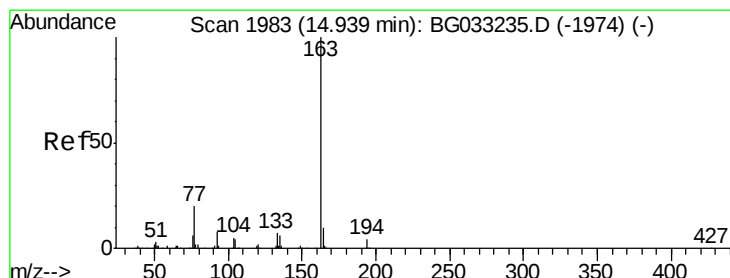
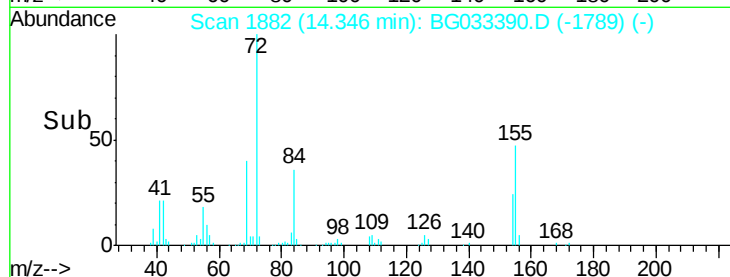
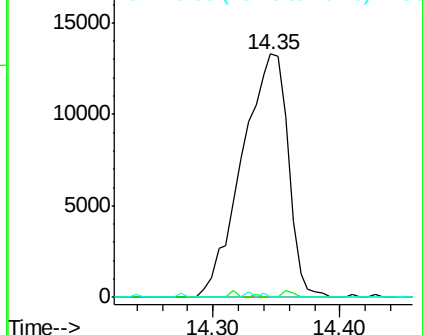
154 100

153 0.0 19.8 59.8#

76 0.0 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#49

Dimethylphthalate

Concen: 2.839 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG033390.D

Acq: 28 Mar 2018 17:43

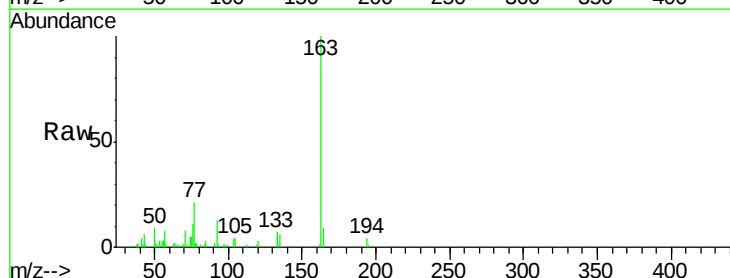
Tgt Ion:163 Resp: 34901

Ion Ratio Lower Upper

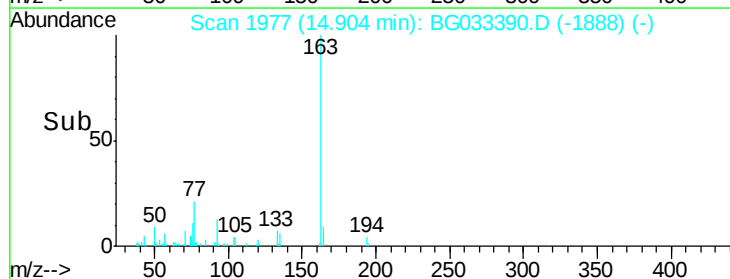
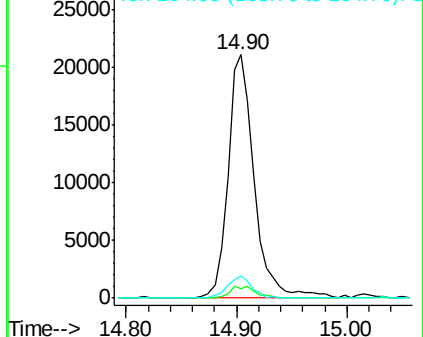
163 100

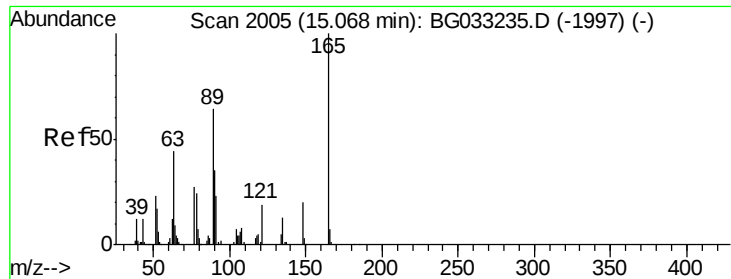
194 4.0 3.4 5.2

164 8.9 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

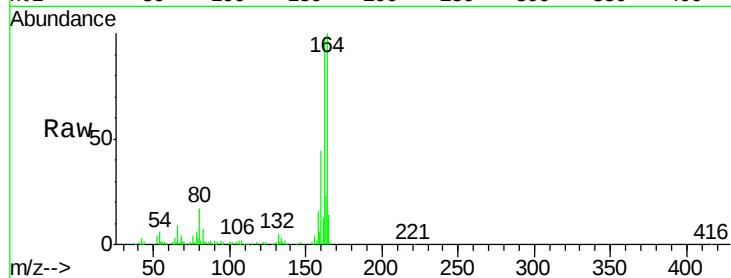




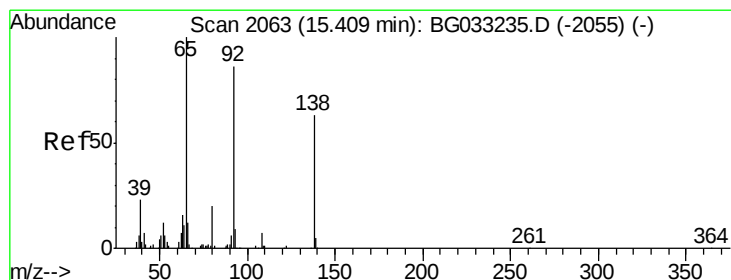
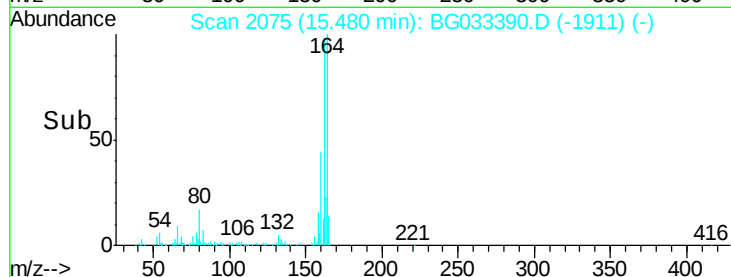
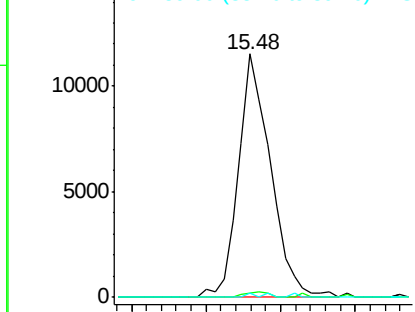
#50
 2,6-Dinitrotoluene
 Concen: 6.849 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17218
 Ion Ratio Lower Upper
 165 100
 63 1.8 52.7 79.1#
 89 1.6 49.2 73.8#

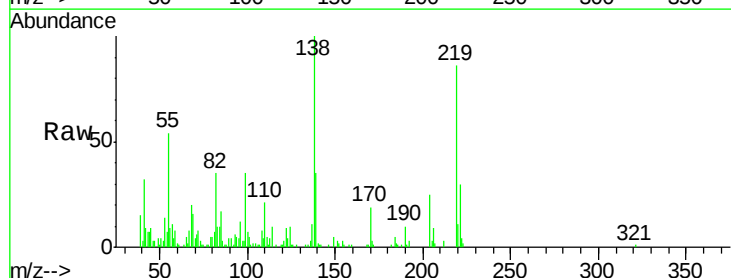


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

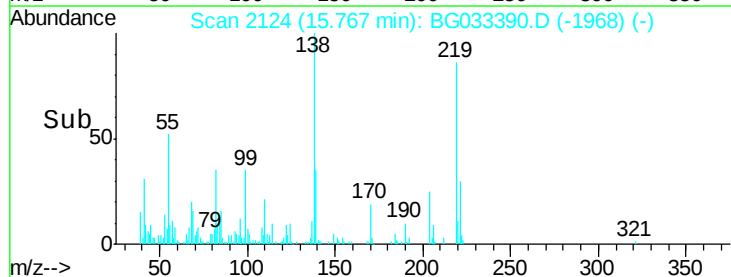
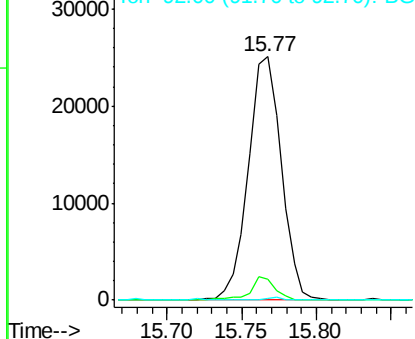


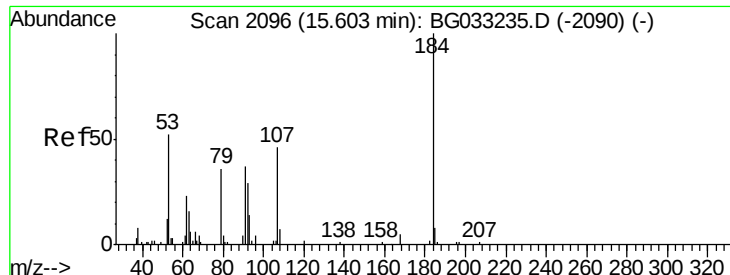
#52
 3-Nitroaniline
 Concen: 14.560 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.38 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

Tgt Ion:138 Resp: 38374
 Ion Ratio Lower Upper
 138 100
 108 8.4 17.5 26.3#
 92 0.6 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGO

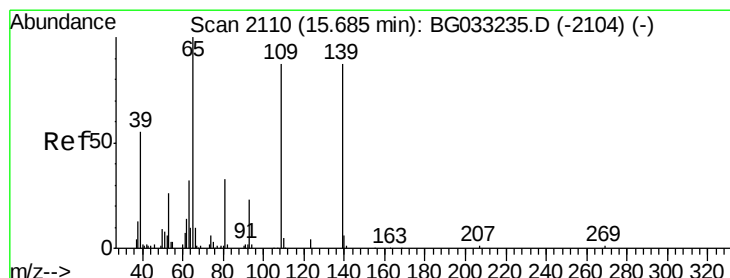
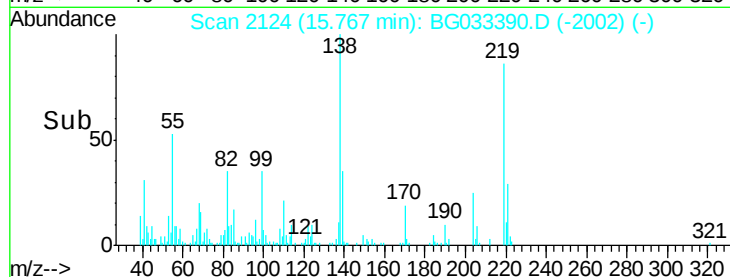
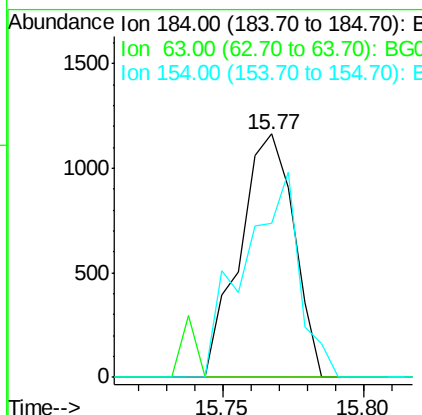
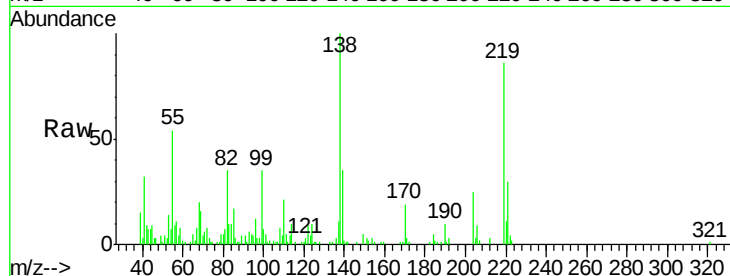




#53
 2,4-Dinitrophenol
 Concen: 8.716 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.19 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

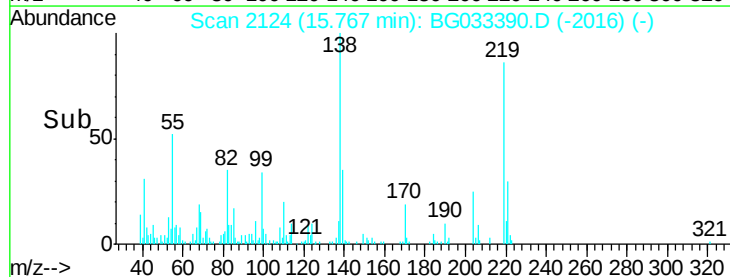
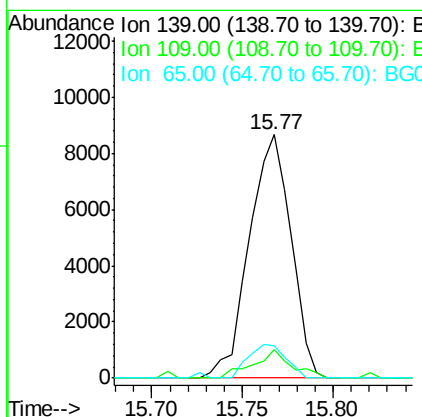
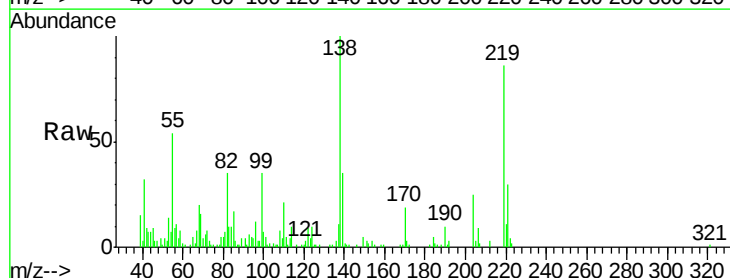
Instrument :
 BNA_G
 ClientSampleId :

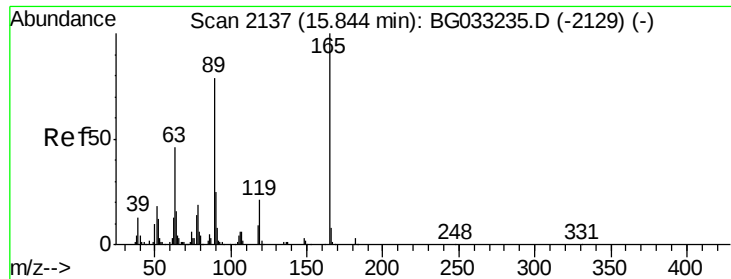
Tot Ion:184 Resp: 1545
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 63.3 101.8 152.8#



#55
 4-Nitrophenol
 Concen: 7.469 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.10 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

Tgt Ion:139 Resp: 13843
 Ion Ratio Lower Upper
 139 100
 109 11.8 62.2 102.2#
 65 13.2 97.2 137.2#

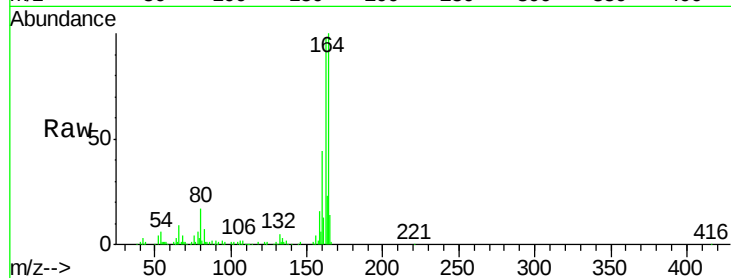




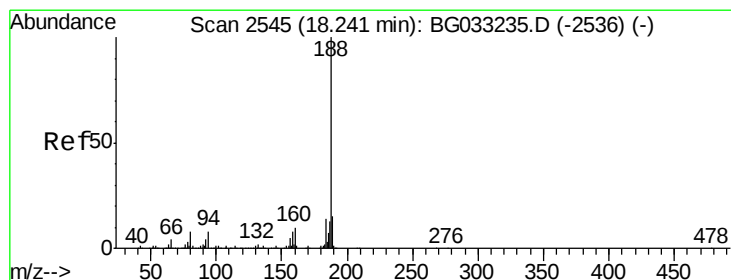
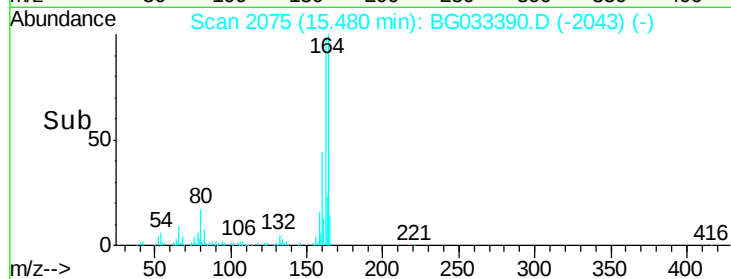
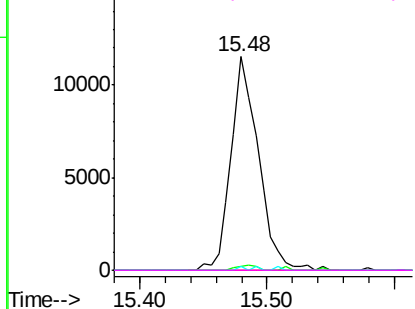
#56
 2,4-Dinitrotoluene
 Concen: 4.671 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17290
 Ion Ratio Lower Upper
 165 100
 63 1.8 42.0 63.0#
 89 1.6 66.9 100.3#
 182 0.0 2.6 3.8#

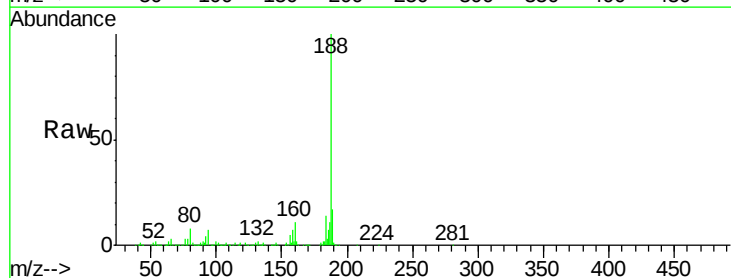


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

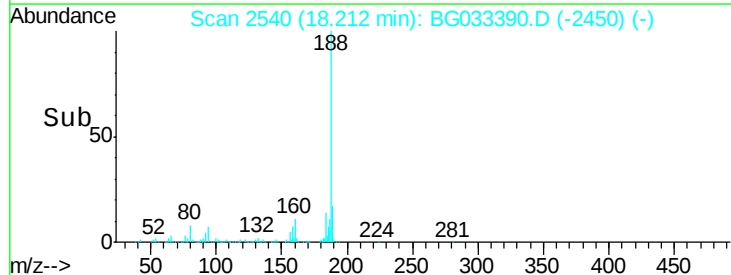
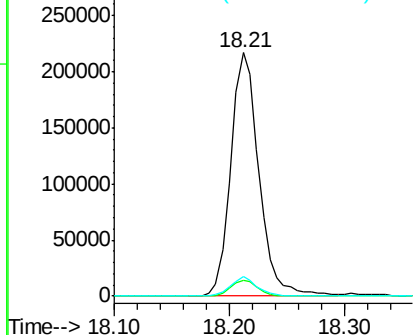


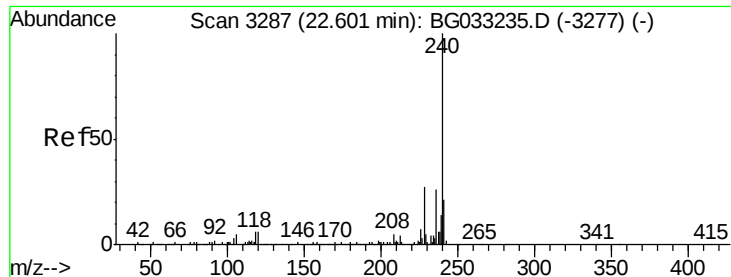
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033390.D
 Acq: 28 Mar 2018 17:43

Tgt Ion:188 Resp: 366773
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033390.D

Acq: 28 Mar 2018 17:43

Instrument :

BNA_G

ClientSampleId :

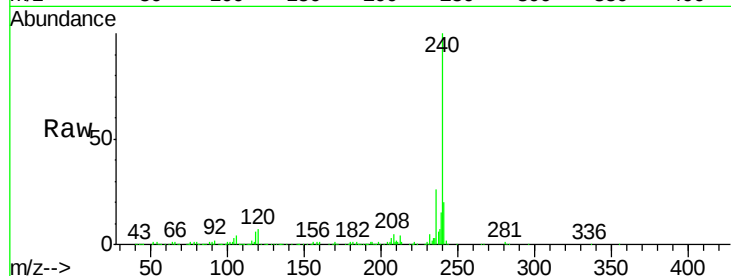
Tot Ion:240 Resp: 384993

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

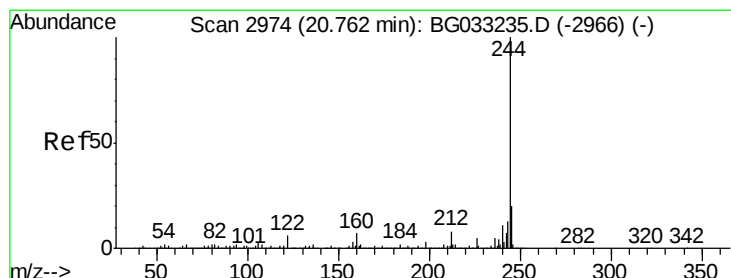
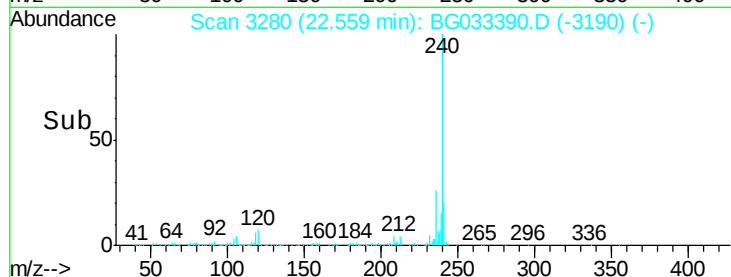
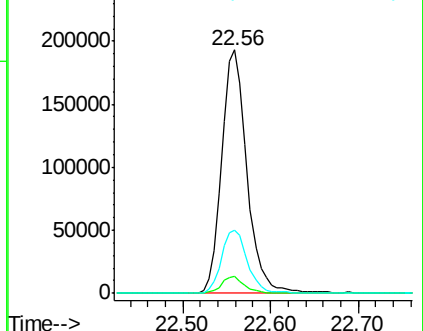
236 26.1 20.9 31.3



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



#78

Terphenyl-d14

Concen: 20.266 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033390.D

Acq: 28 Mar 2018 17:43

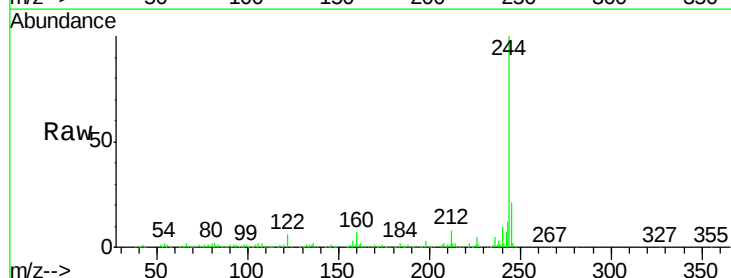
Tgt Ion:244 Resp: 364826

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

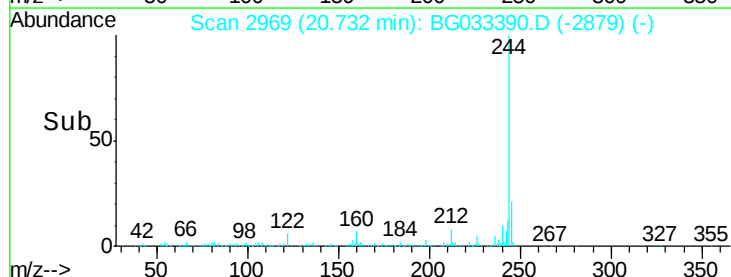
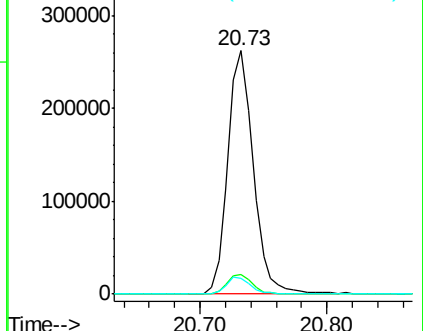
122 6.5 7.0 10.4#



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

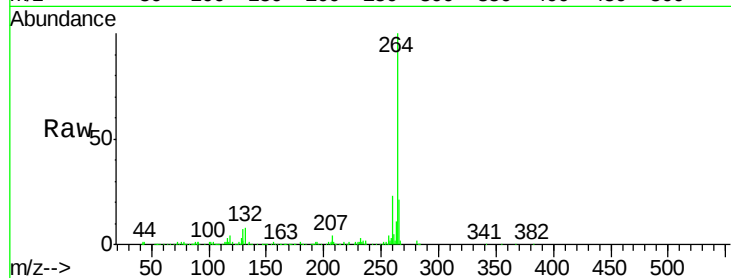




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033390.D
Acq: 28 Mar 2018 17:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.1	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

