

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033377.D
 Acq On : 28 Mar 2018 00:35
 Operator : SJ/JU
 Sample : J2061-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 07:58:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

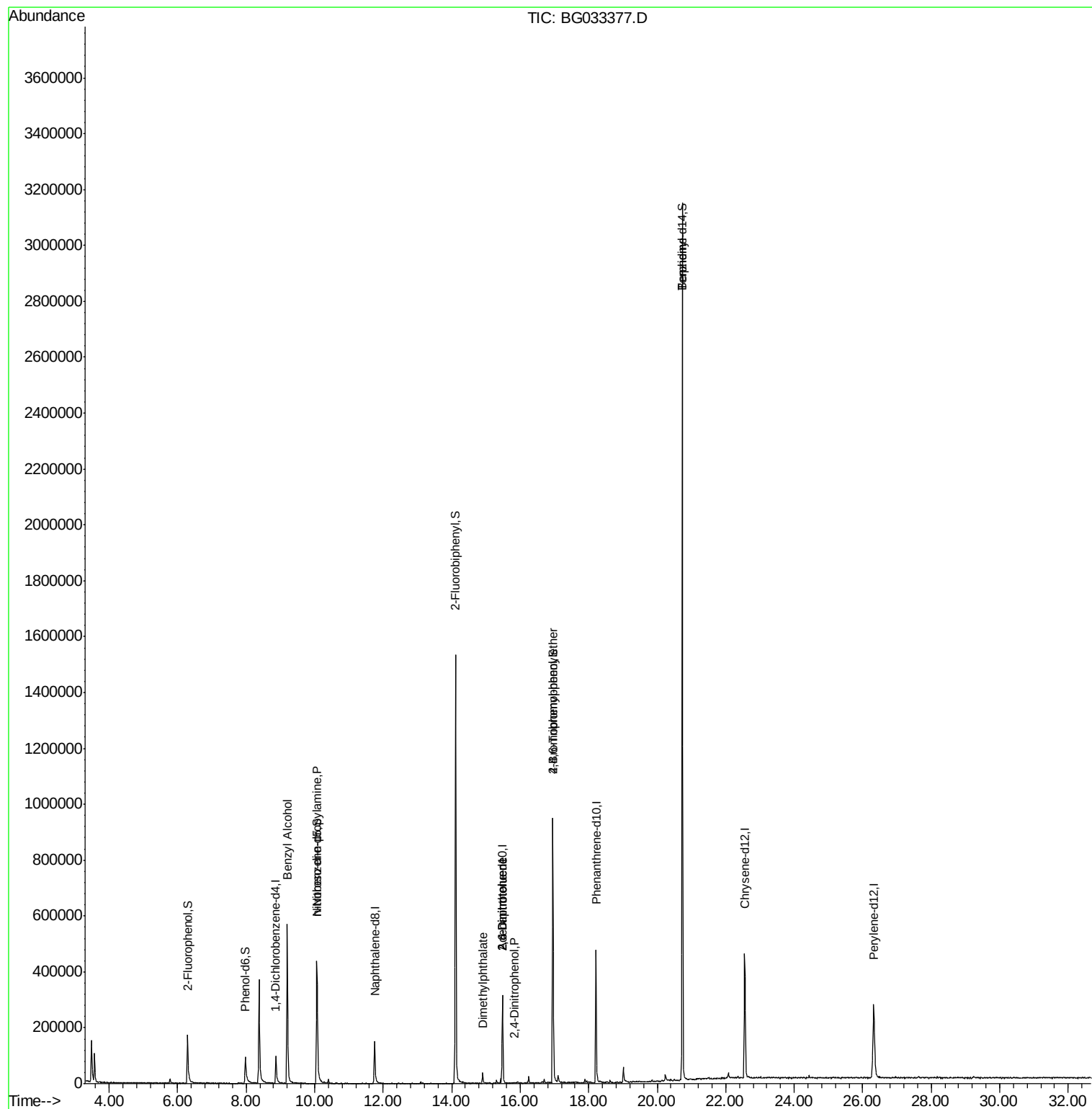
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	37408	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	151708	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	122602	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	336844	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	344506	20.00	ng	-0.04
86) Perylene-d12	26.33	264	371765	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	97413	48.83	ng	-0.02
7) Phenol-d6	7.97	99	87038	25.39	ng	-0.02
23) Nitrobenzene-d5	10.06	82	351986	106.60	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	202121	110.23	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	884914	104.20	ng	-0.02
78) Terphenyl-d14	20.73	244	1522266	94.50	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	9.20	79	6300	2.334	ng	# 45
19) n-Nitroso-di-n-propylamine	10.07	70	48436	19.284	ng	# 71
49) Dimethylphthalate	14.91	163	26904	2.522	ng	# 97
50) 2,6-Dinitrotoluene	15.48	165	15381	7.050	ng	# 18
53) 2,4-Dinitrophenol	15.83	184	62	7.693	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15382	4.789	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	15138	3.827	ng	# 1
76) Benzidine	20.73	184	25191	2.696	ng	# 90

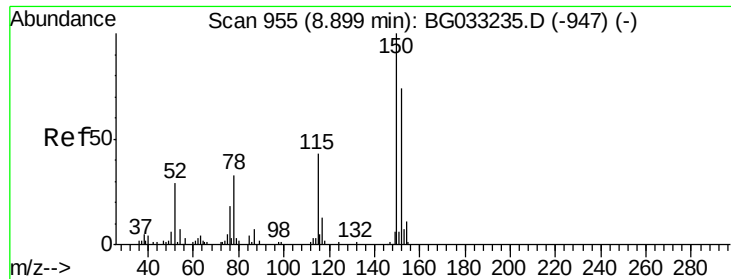
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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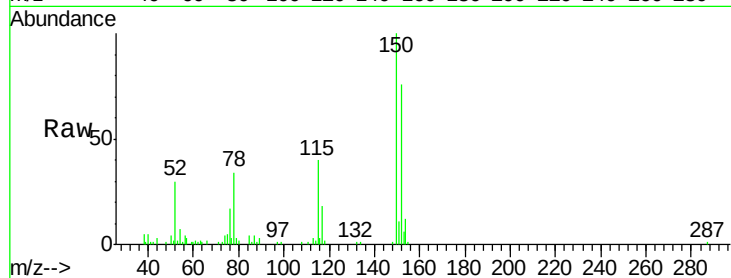


#1

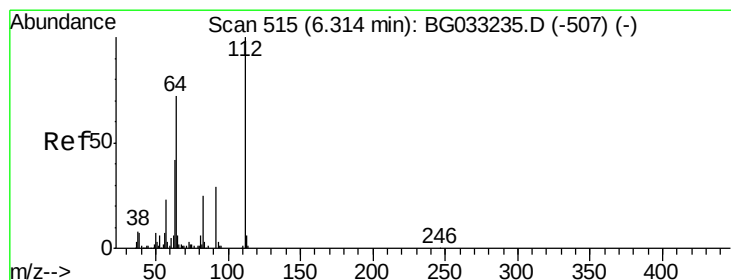
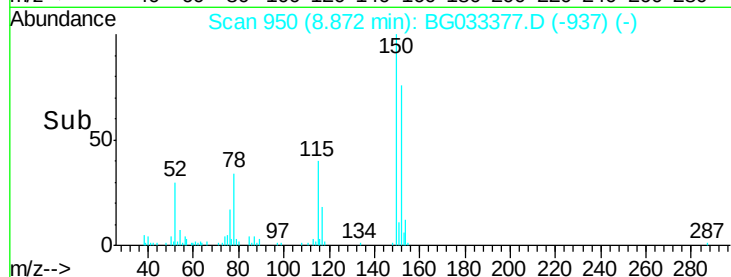
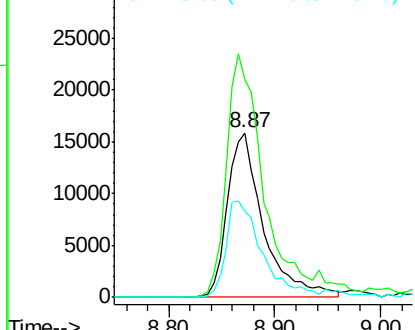
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.02 min
Lab File: BG033377.D
Acq: 28 Mar 2018 00:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37408
Ion Ratio Lower Upper
152 100
150 132.3 126.6 189.8
115 52.5 53.0 79.4#



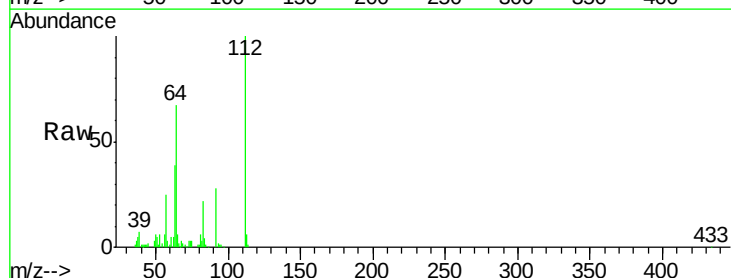
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



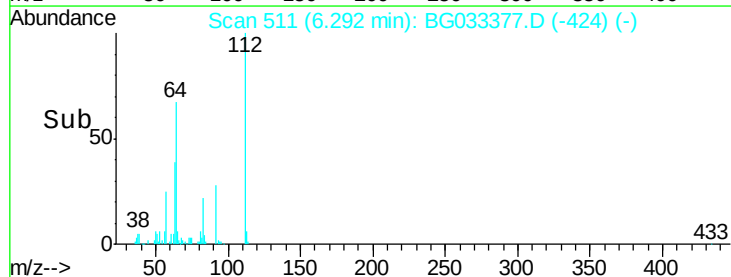
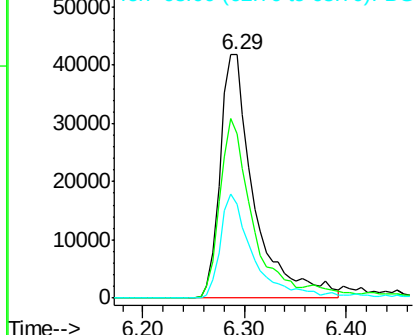
#5

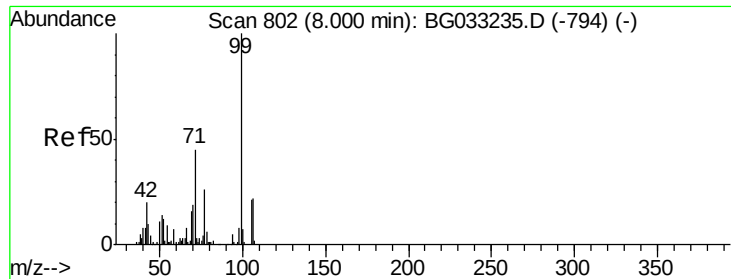
2-Fluorophenol
Concen: 48.829 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033377.D
Acq: 28 Mar 2018 00:35

Tgt Ion:112 Resp: 97413
Ion Ratio Lower Upper
112 100
64 67.5 56.3 84.5
63 38.5 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: 25.392 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033377.D

Acq: 28 Mar 2018 00:35

Instrument :

BNA_G

ClientSampleId :

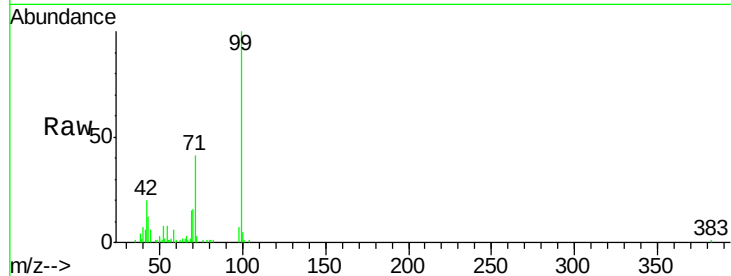
Tot Ion: 99 Resp: 87038

Ion Ratio Lower Upper

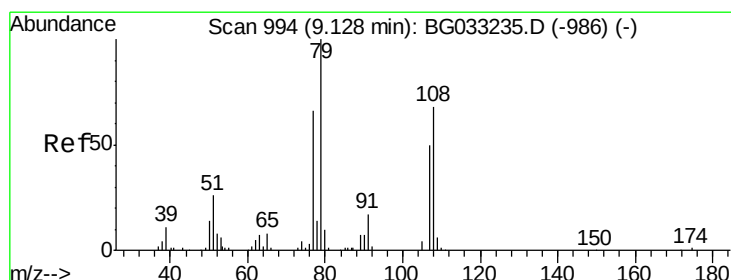
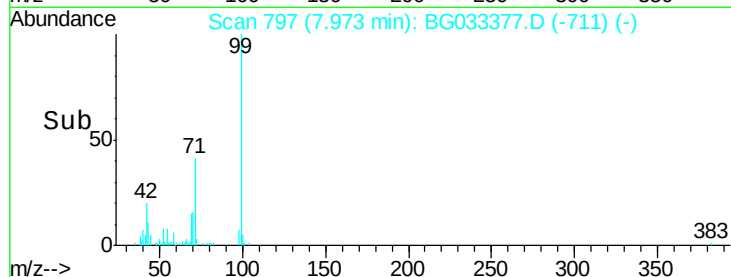
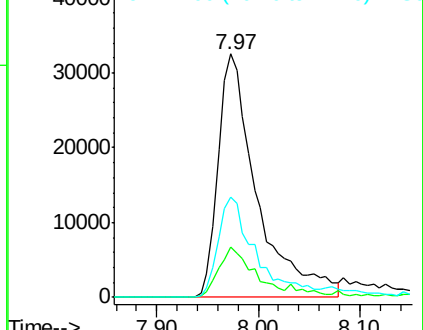
99 100

42 20.5 14.1 21.1

71 41.2 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: 2.334 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.08 min

Lab File: BG033377.D

Acq: 28 Mar 2018 00:35

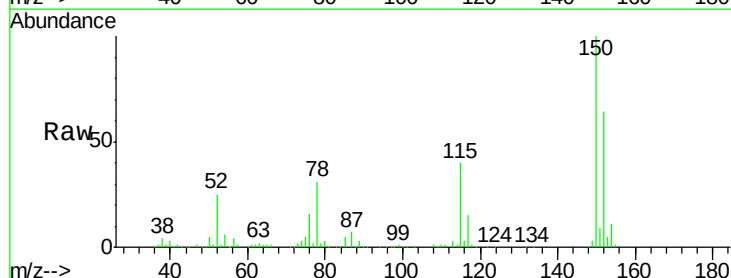
Tgt Ion: 79 Resp: 6300

Ion Ratio Lower Upper

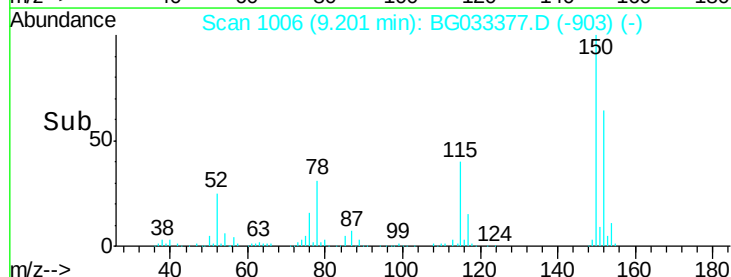
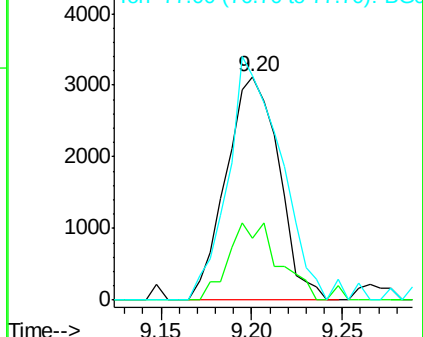
79 100

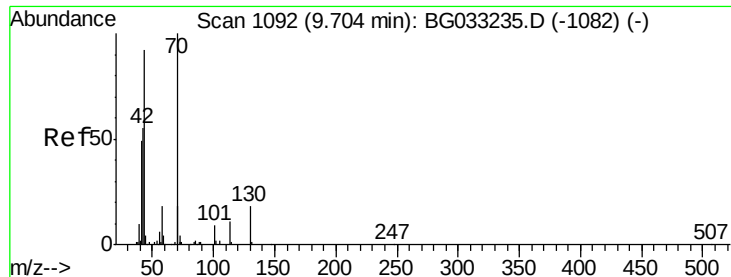
108 27.6 57.2 85.8#

77 100.6 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

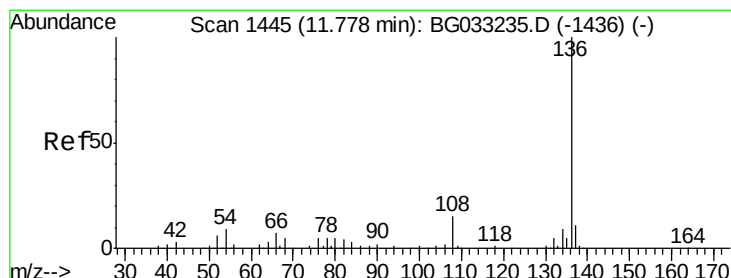
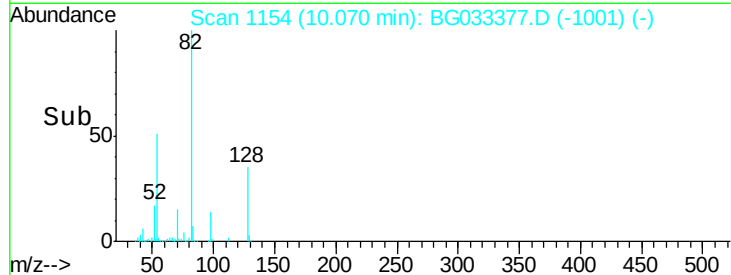
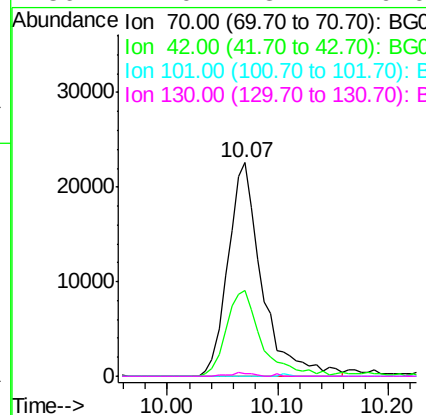
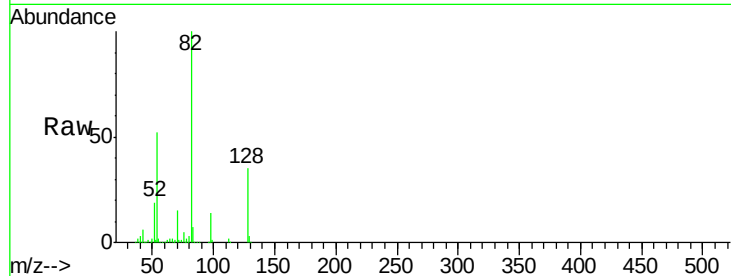




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.284 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. 0.37 min
 Lab File: BG033377.D
 Acq: 28 Mar 2018 00:35

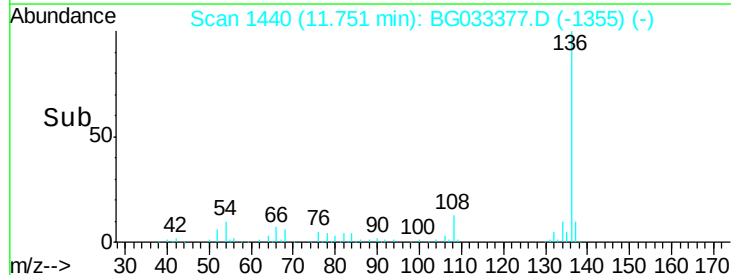
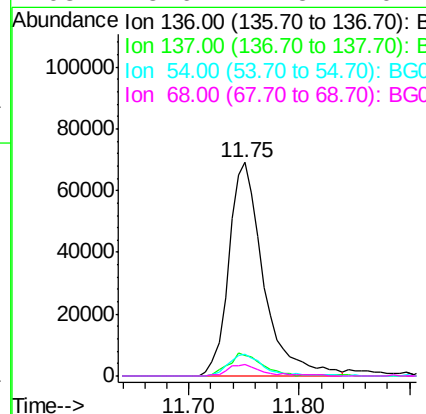
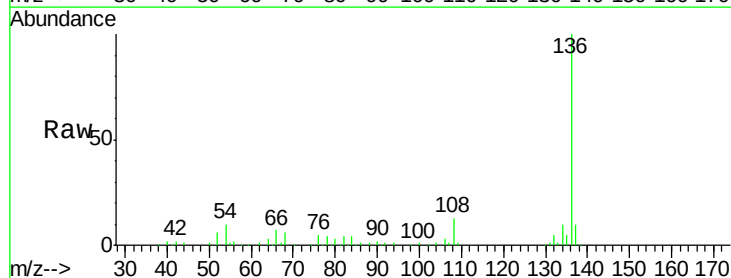
Instrument :
 BNA_G
 ClientSampleId :

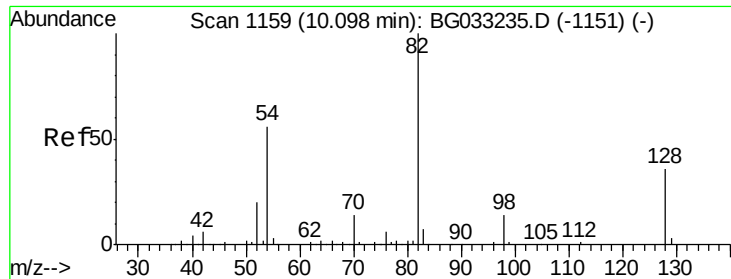
Tot Ion: 70 Resp: 48436
 Ion Ratio Lower Upper
 70 100
 42 40.1 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.0 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.75 min Scan# 1440
 Delta R.T. -0.03 min
 Lab File: BG033377.D
 Acq: 28 Mar 2018 00:35

Tgt Ion: 136 Resp: 151708
 Ion Ratio Lower Upper
 136 100
 137 9.7 9.2 13.8
 54 10.1 10.3 15.5#
 68 5.6 4.5 6.7

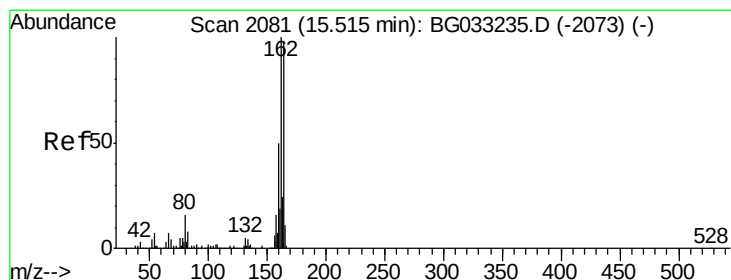
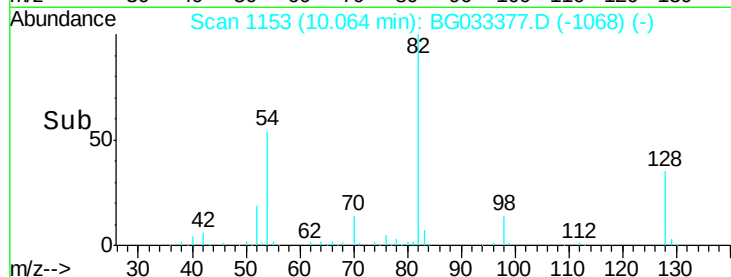
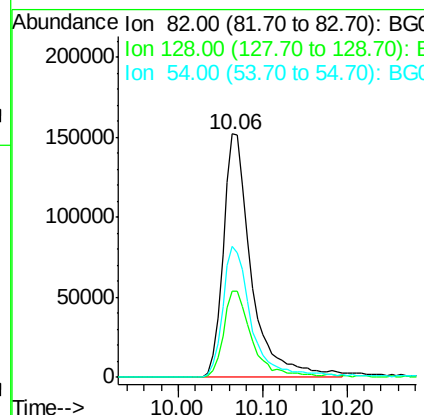
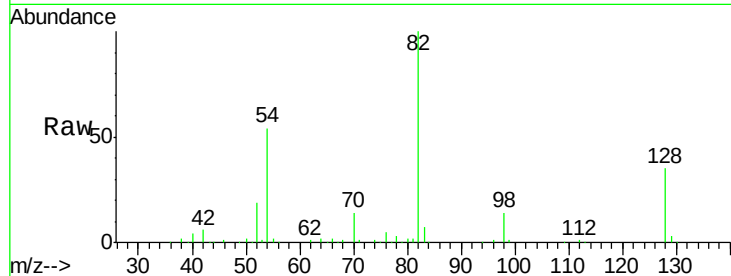




#23
 Nitrobenzene-d5
 Concen: 106.597 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BG033377.D
 Acq: 28 Mar 2018 00:35

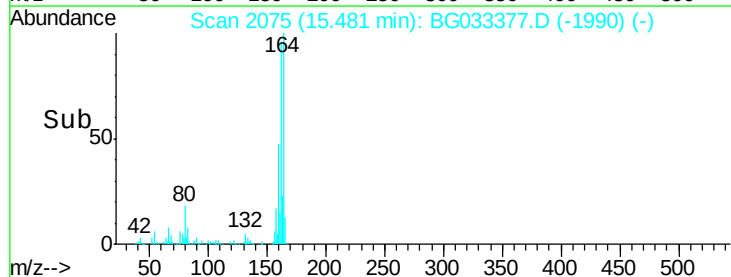
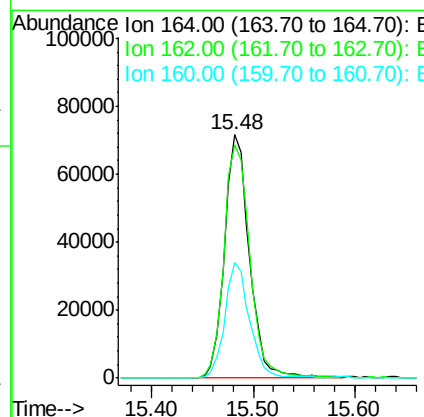
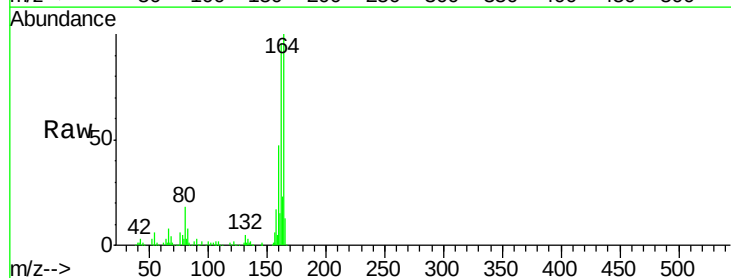
Instrument :
 BNA_G
 ClientSampled :

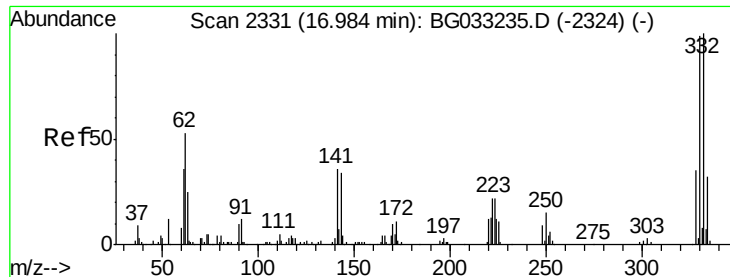
Tot Ion	82	Resp	351986
Ion Ratio	Lower	Upper	
82	100		
128	35.2	29.7	44.5
54	53.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: BG033377.D
 Acq: 28 Mar 2018 00:35

Tgt Ion	164	Resp	122602
Ion Ratio	Lower	Upper	
164	100		
162	95.9	78.8	118.2
160	47.3	35.4	53.0

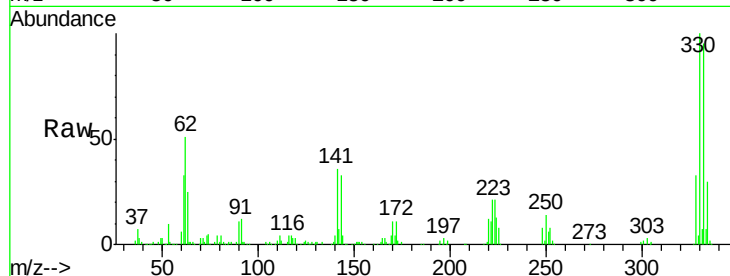




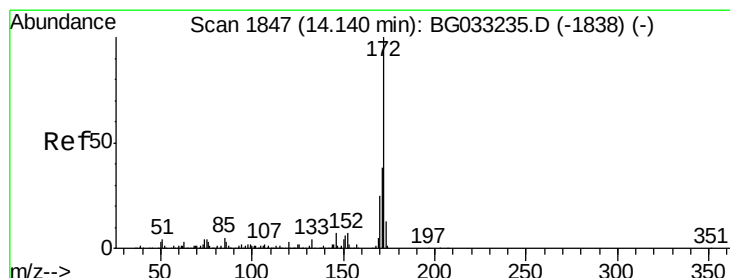
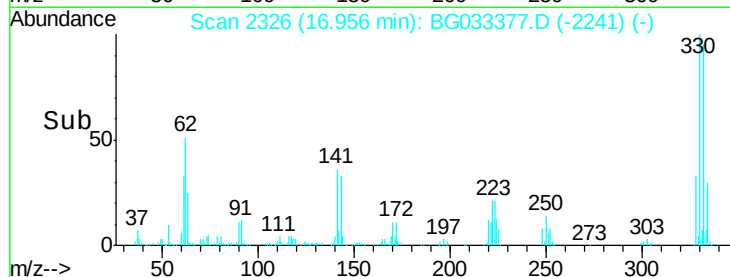
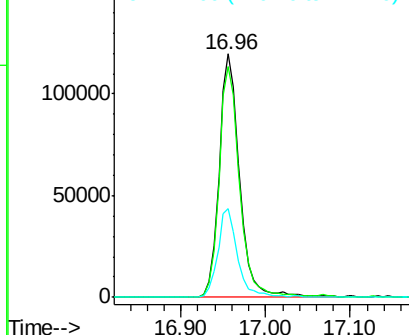
#41
 2,4,6-Tribromophenol
 Concen: 110.228 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033377.D
 Acq: 28 Mar 2018 00:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	36.0	25.2	37.8

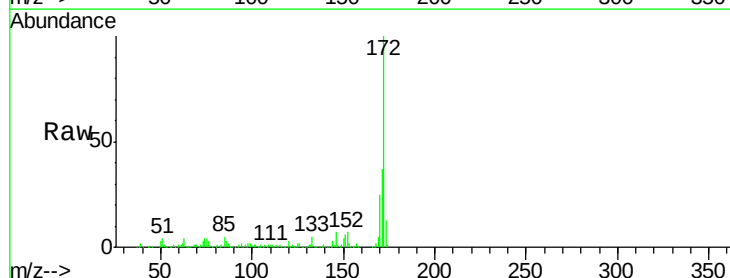


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

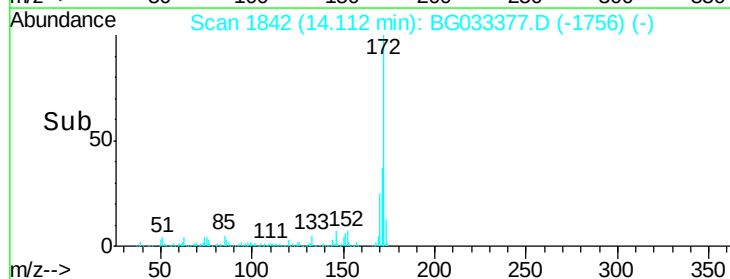
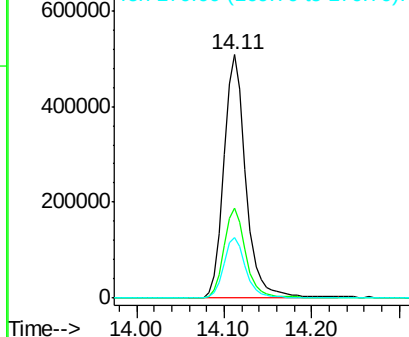


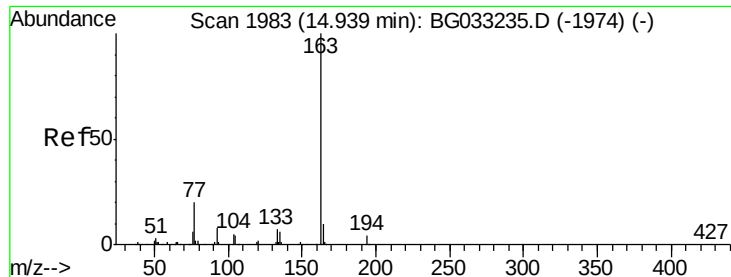
#44
 2-Fluorobiphenyl
 Concen: 104.198 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033377.D
 Acq: 28 Mar 2018 00:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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





#49

Dimethylphthalate

Concen: 2.522 ng

RT: 14.91 min Scan# 1977

Delta R.T. -0.03 min

Lab File: BG033377.D

Acq: 28 Mar 2018 00:35

Instrument :

BNA_G

ClientSampleId :

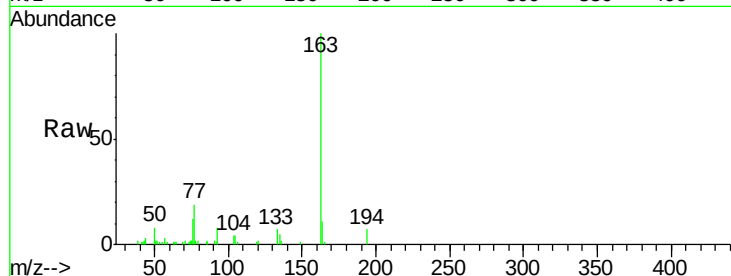
Tot Ion:163 Resp: 26904

Ion Ratio Lower Upper

163 100

194 6.7 3.4 5.2#

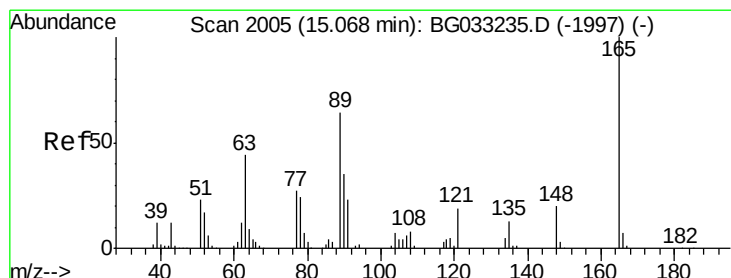
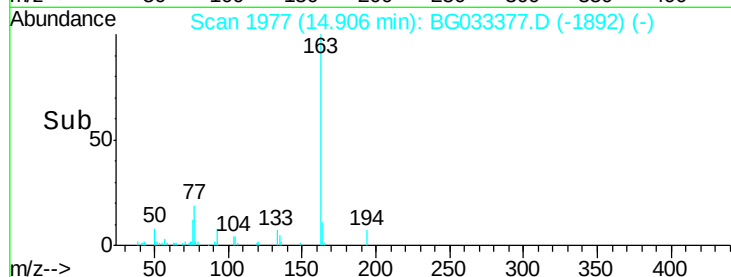
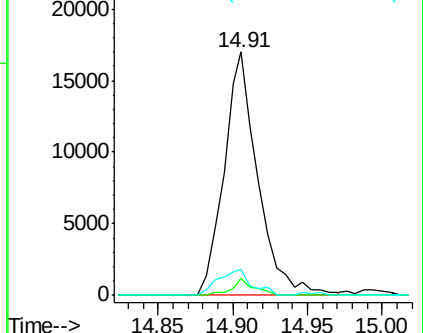
164 10.7 8.2 12.4



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: 7.050 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.42 min

Lab File: BG033377.D

Acq: 28 Mar 2018 00:35

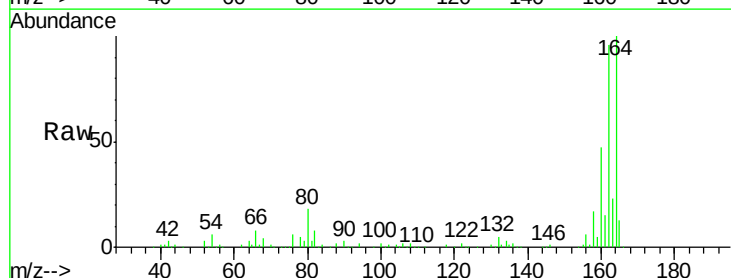
Tgt Ion:165 Resp: 15381

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

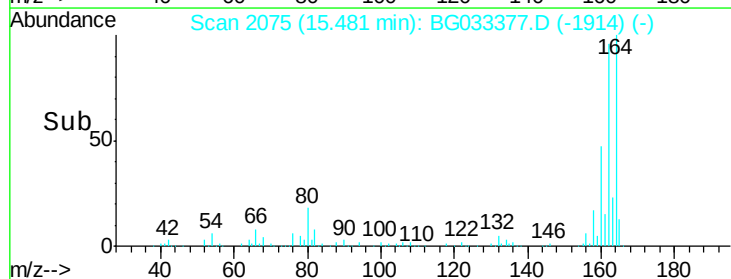
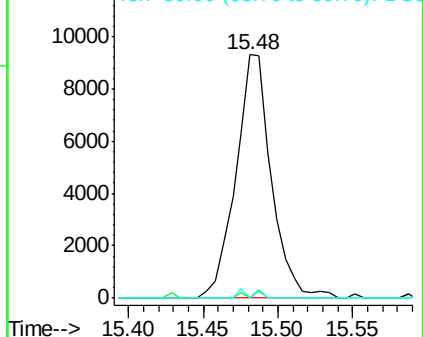
89 0.0 49.2 73.8#

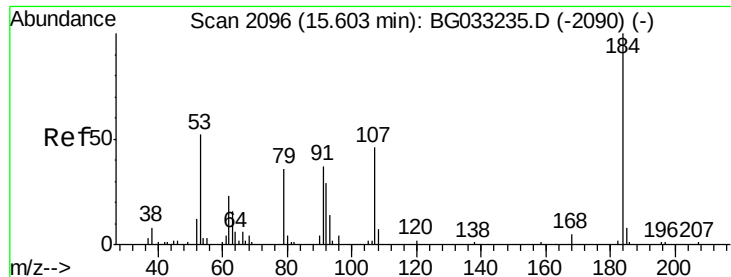


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#53

2,4-Dinitrophenol

Concen: 7.693 ng

RT: 15.83 min Scan# 2134

Delta R.T. 0.22 min

Lab File: BG033377.D

Acq: 28 Mar 2018 00:35

Instrument :

BNA_G

ClientSampleId :

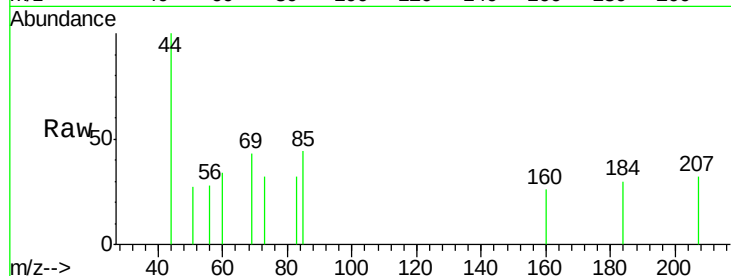
Tot Ion:184 Resp: 62

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

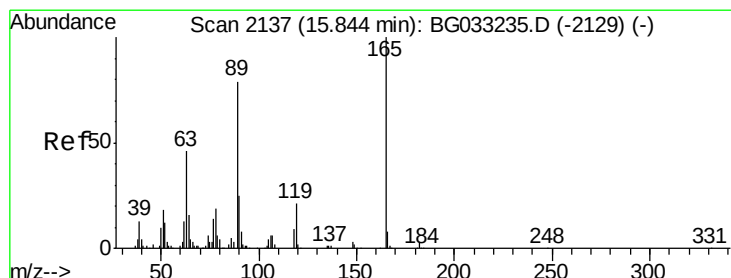
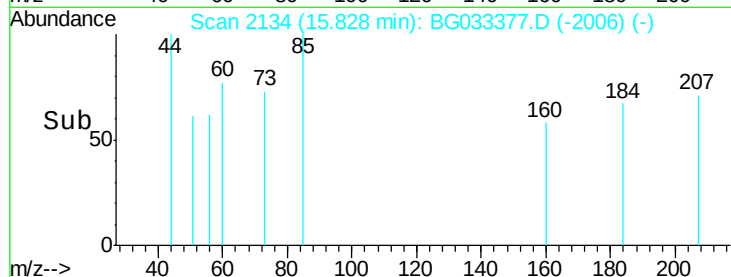
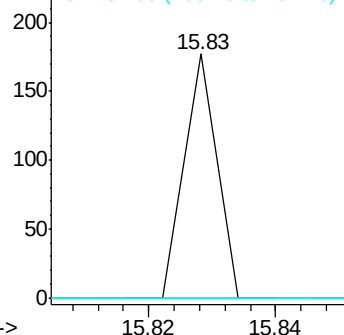
154 0.0 101.8 152.8#



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: 4.789 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.37 min

Lab File: BG033377.D

Acq: 28 Mar 2018 00:35

Tgt Ion:165 Resp: 15382

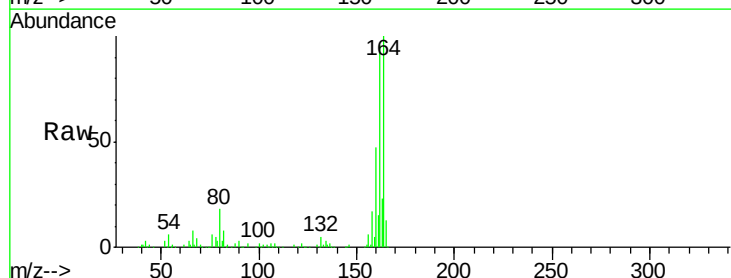
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

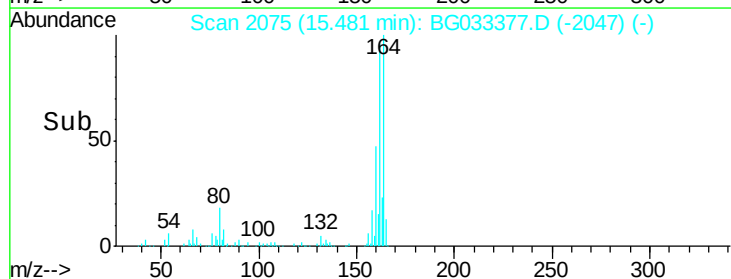
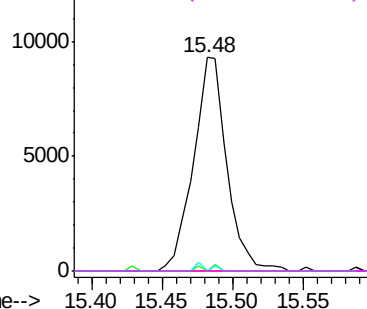


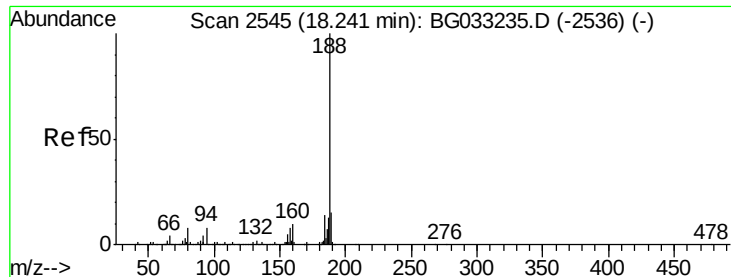
Abundance Ion 165.00 (164.70 to 165.70): E

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

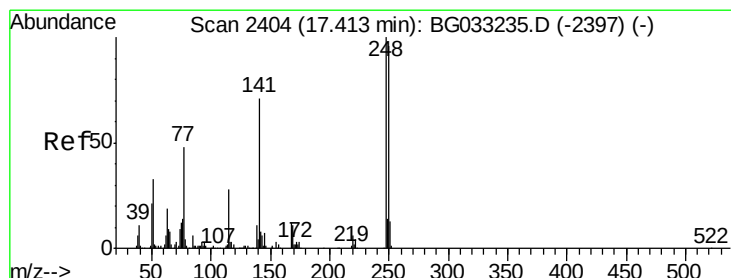
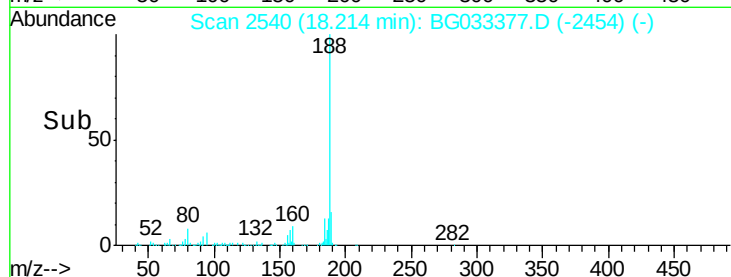
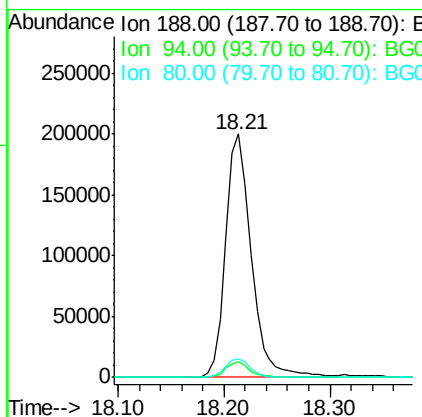
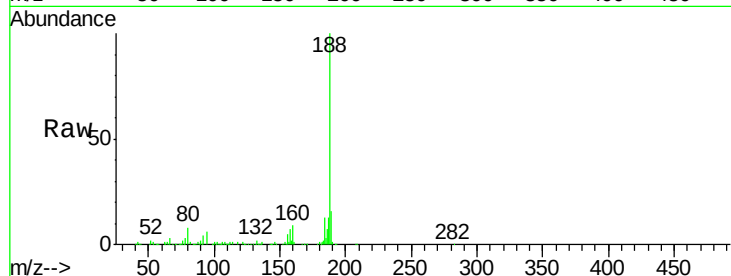




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BG033377.D
Acq: 28 Mar 2018 00:35

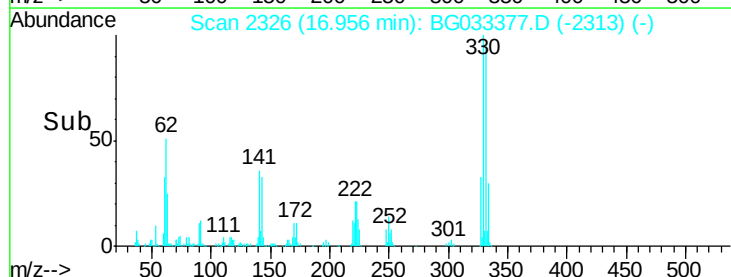
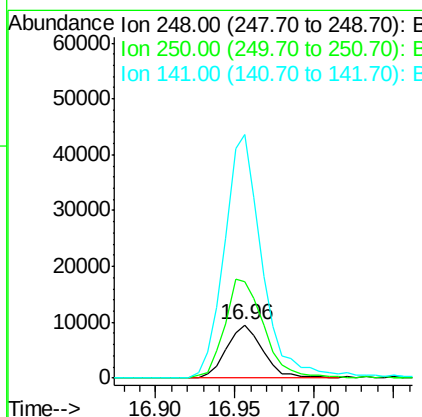
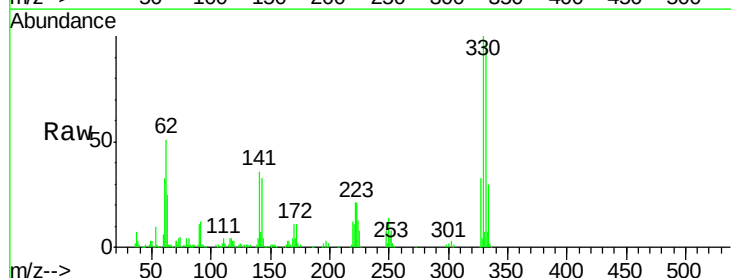
Instrument :
BNA_G
ClientSampled :

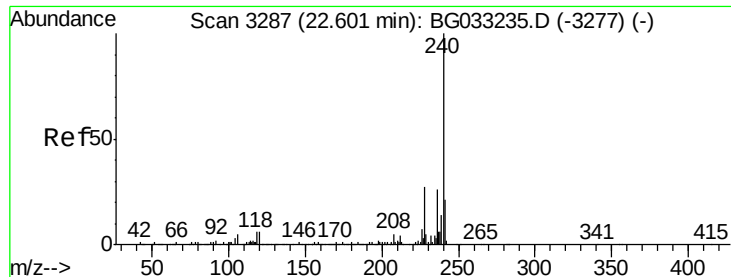
Tot Ion:188 Resp: 336844
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.6 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.827 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.45 min
Lab File: BG033377.D
Acq: 28 Mar 2018 00:35

Tgt Ion:248 Resp: 15138
Ion Ratio Lower Upper
248 100
250 179.9 77.1 115.7#
141 456.3 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033377.D

Acq: 28 Mar 2018 00:35

Instrument :

BNA_G

ClientSampleId :

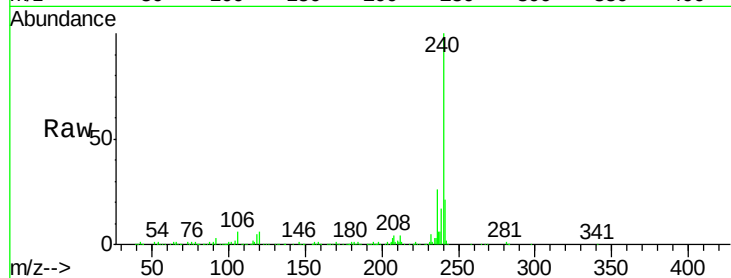
Tot Ion:240 Resp: 344506

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

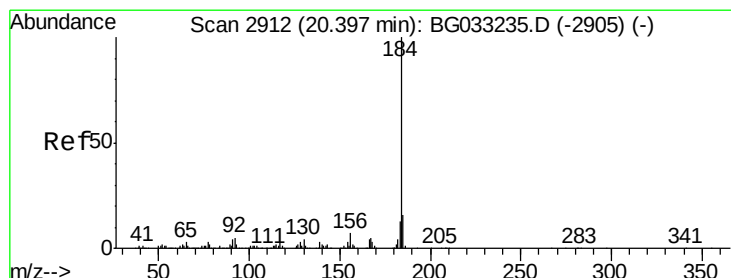
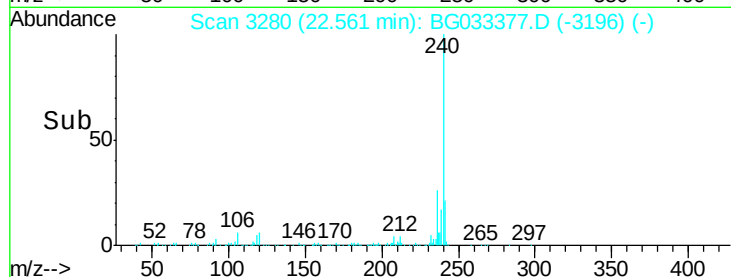
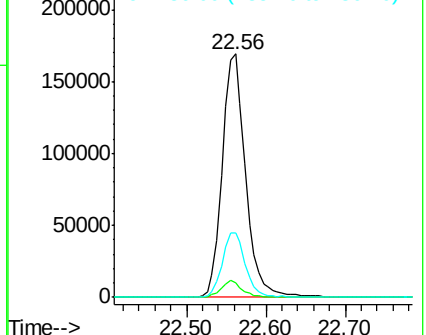
236 26.3 20.9 31.3



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: 2.696 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.34 min

Lab File: BG033377.D

Acq: 28 Mar 2018 00:35

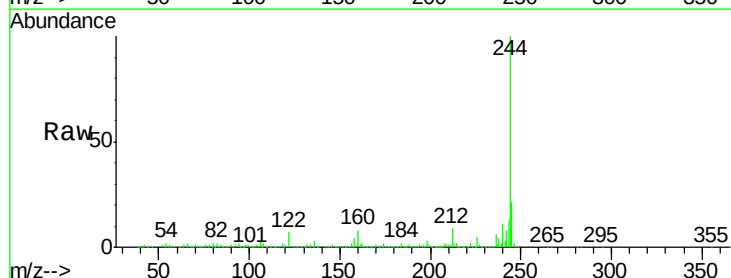
Tgt Ion:184 Resp: 25191

Ion Ratio Lower Upper

184 100

185 18.5 11.1 16.7#

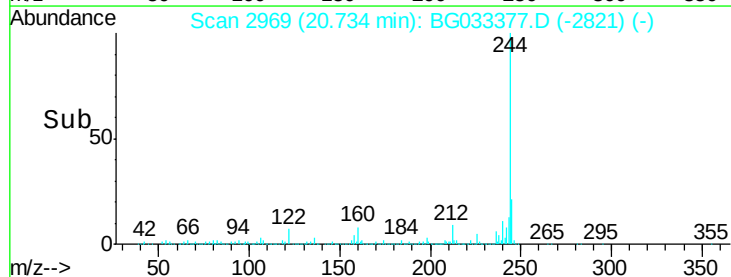
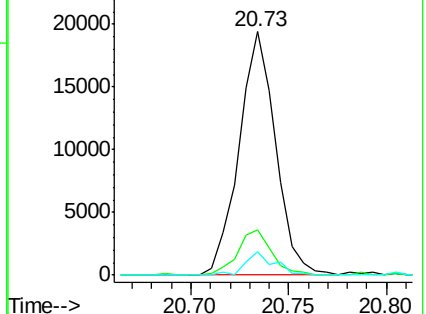
183 9.6 10.6 16.0#

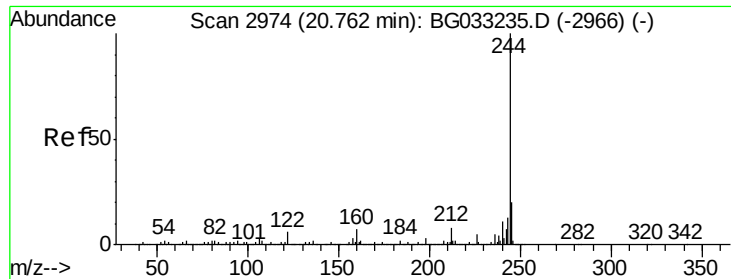


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 94.498 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033377.D

Acq: 28 Mar 2018 00:35

Instrument :

BNA_G

ClientSampled :

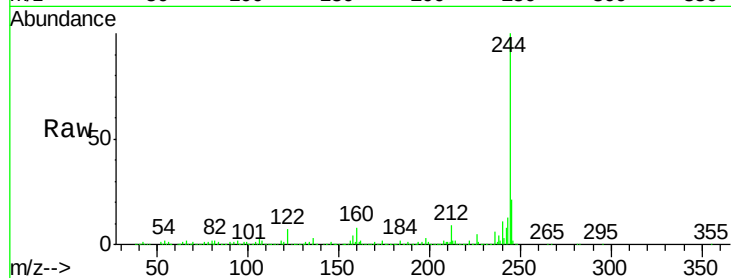
Tot Ion:244 Resp: 1522266

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

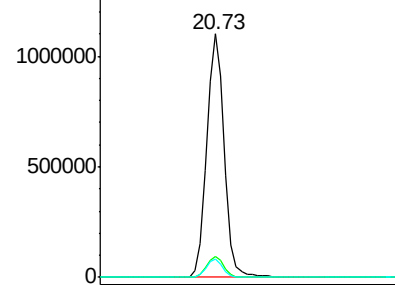
122 7.3 7.0 10.4



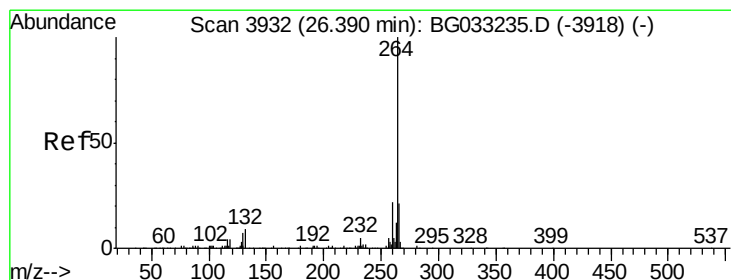
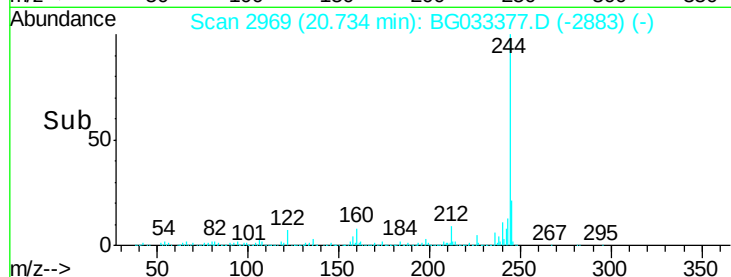
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.06 min

Lab File: BG033377.D

Acq: 28 Mar 2018 00:35

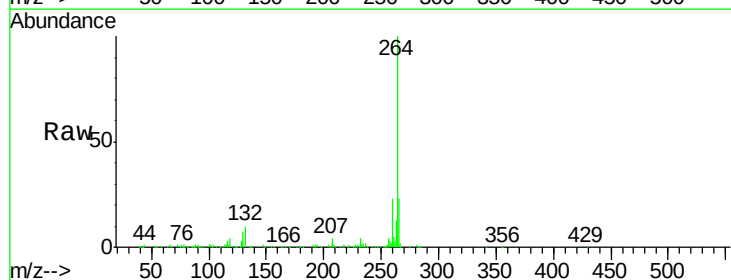
Tgt Ion:264 Resp: 371765

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

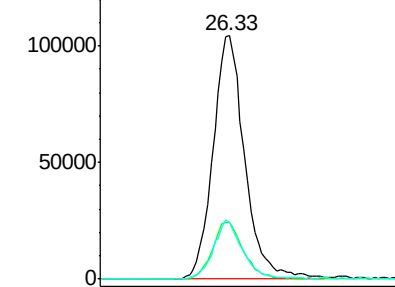
265 23.1 17.7 26.5



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



Time-->

