

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033457.D
 Acq On : 30 Mar 2018 20:46
 Operator : SJ/JU
 Sample : J1752-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 31 01:24:01 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 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30690	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	137336	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	109928	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	331908	20.00	ng	0.00
75) Chrysene-d12	22.55	240	348958	20.00	ng	0.00
86) Perylene-d12	26.32	264	376799	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.30	112	264469	161.59	ng	0.00
7) Phenol-d6	7.98	99	373052	132.66	ng	0.00
23) Nitrobenzene-d5	10.06	82	299346	100.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.96	330	276092	167.93	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	747494	98.17	ng	0.00
78) Terphenyl-d14	20.73	244	1655813	101.48	ng	0.00

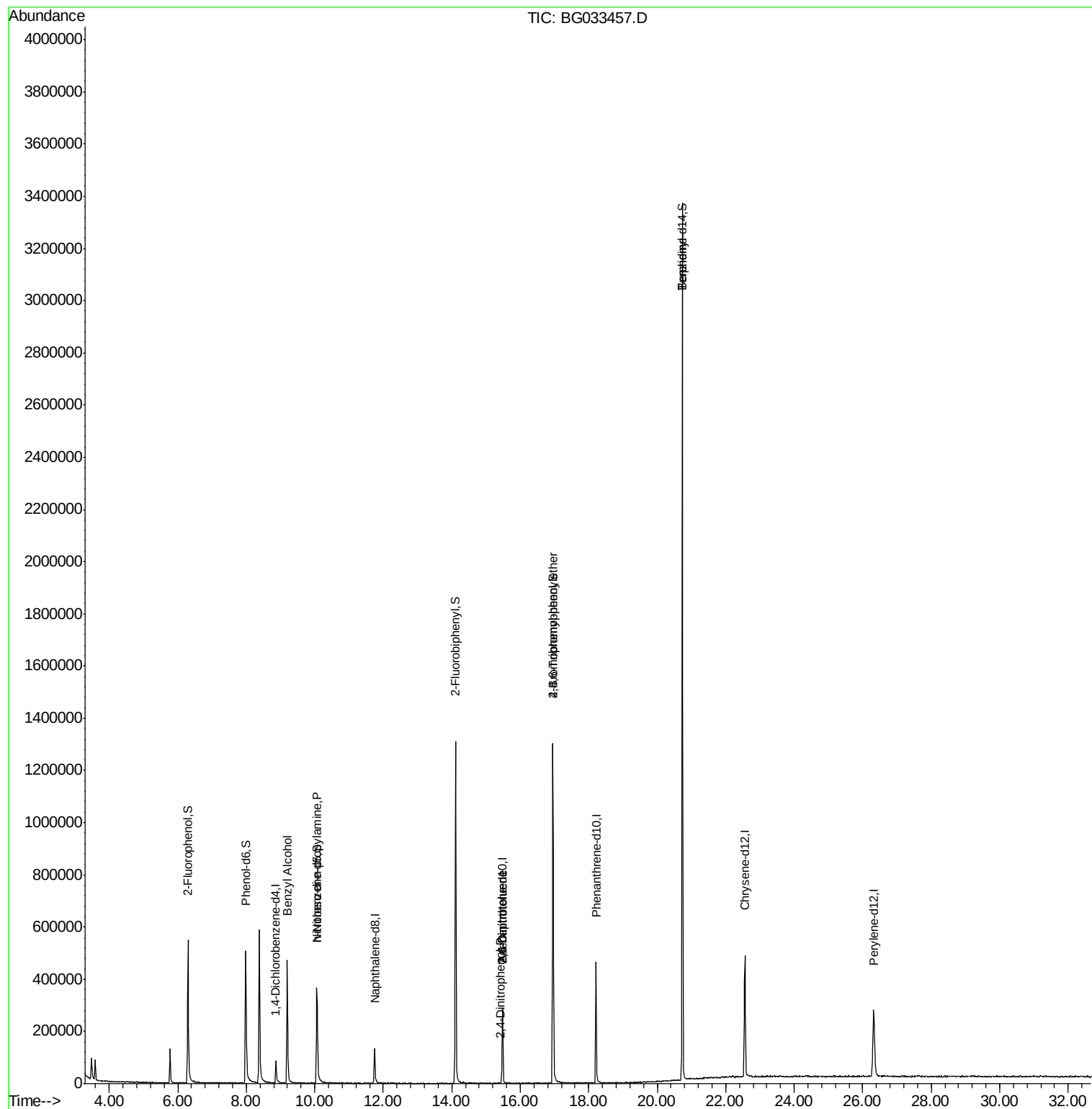
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.20	79	5038	2.275	ng	# 42
19) n-Nitroso-di-n-propylamine	10.06	70	41394	20.088	ng	# 75
50) 2,6-Dinitrotoluene	15.48	165	14595	7.461	ng	# 20
53) 2,4-Dinitrophenol	15.41	184	79	7.713	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14595	5.067	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	20144	5.168	ng	# 1
76) Benzidine	20.73	184	27047	2.858	ng	# 92

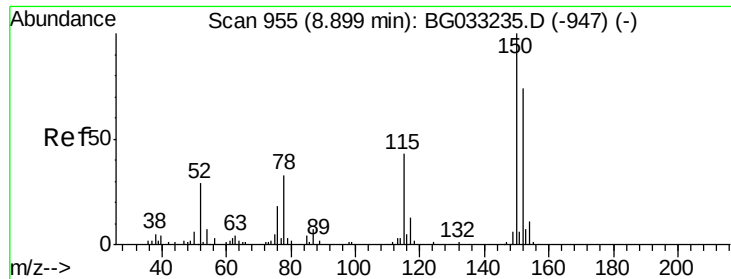
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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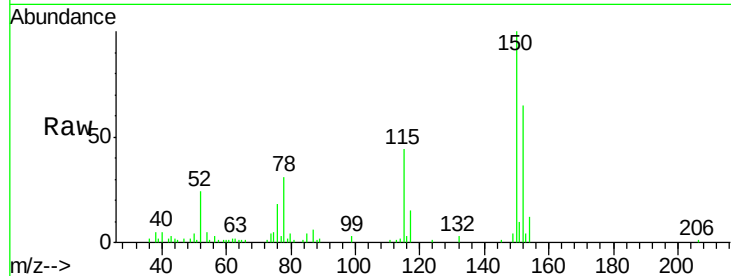


#1

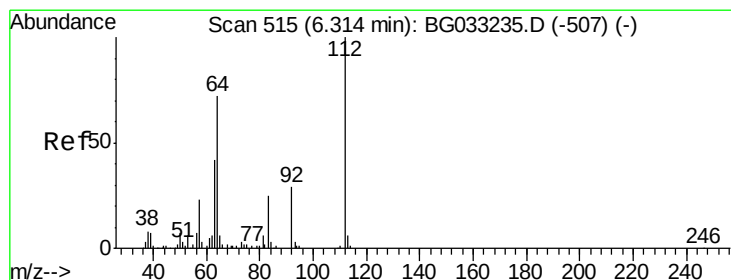
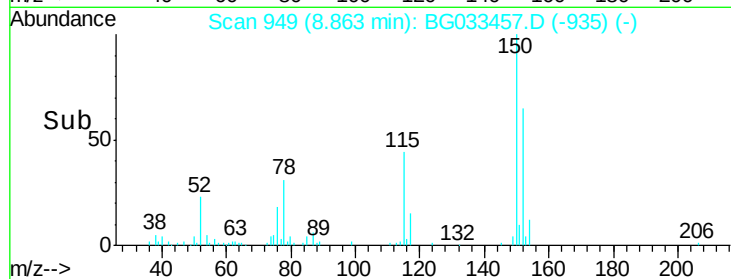
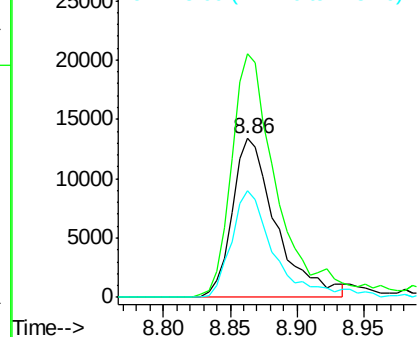
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033457.D
Acq: 30 Mar 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	66.9	53.0	79.4



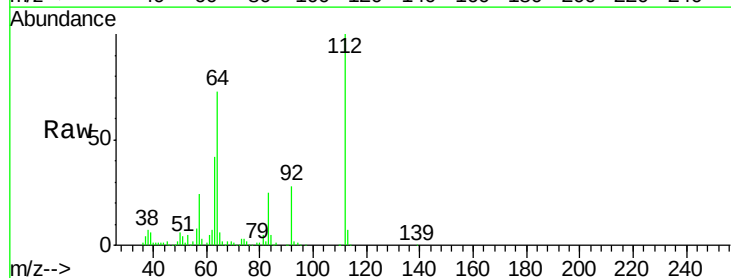
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



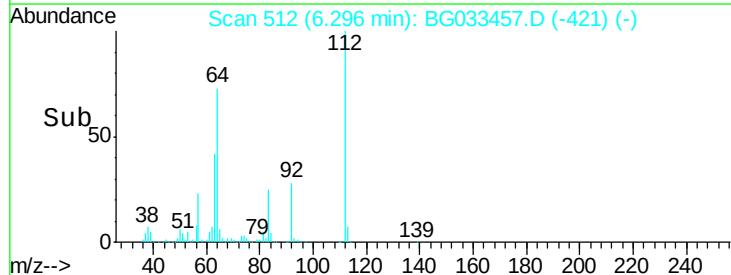
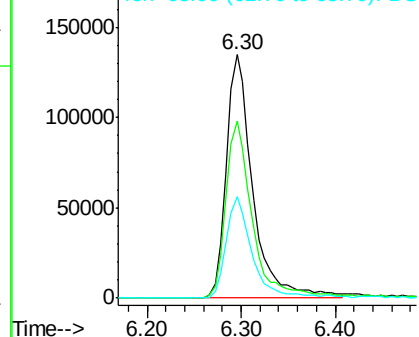
#5

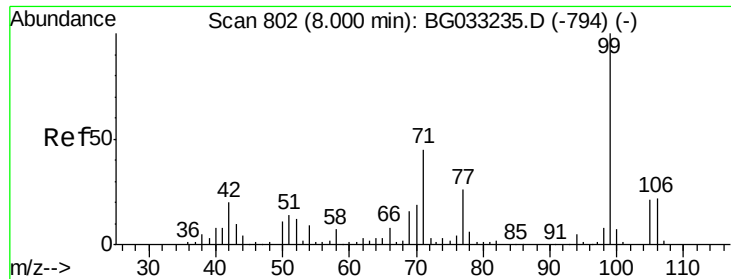
2-Fluorophenol
Concen: 161.587 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033457.D
Acq: 30 Mar 2018 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.3	84.5
63	41.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.656 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033457.D

Acq: 30 Mar 2018 20:46

Instrument :

BNA_G

ClientSampleId :

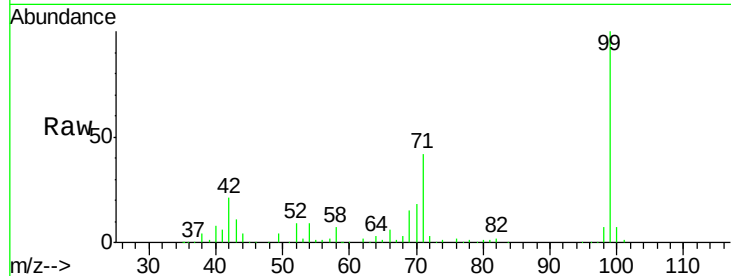
Tot Ion: 99 Resp: 373052

Ion Ratio Lower Upper

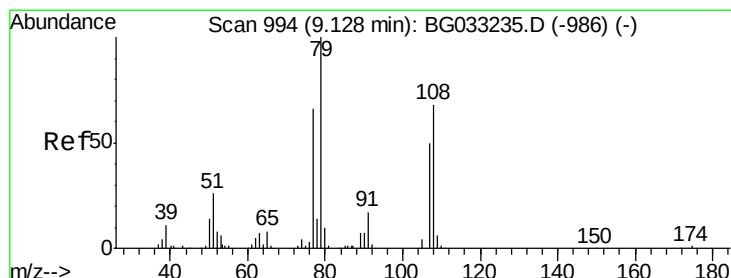
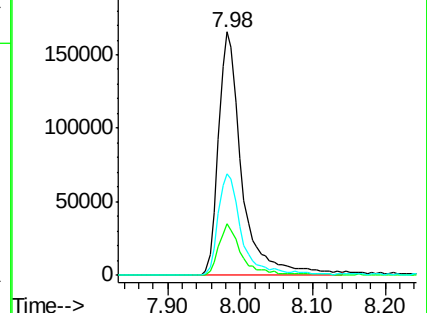
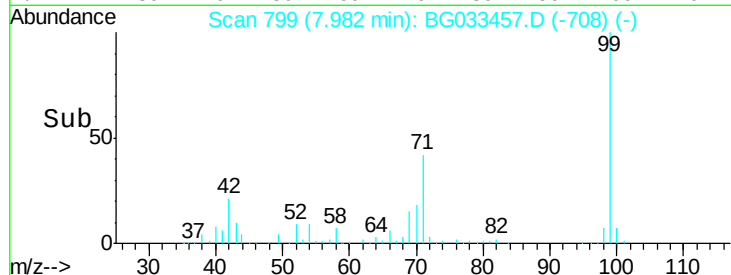
99 100

42 21.4 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: 2.275 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033457.D

Acq: 30 Mar 2018 20:46

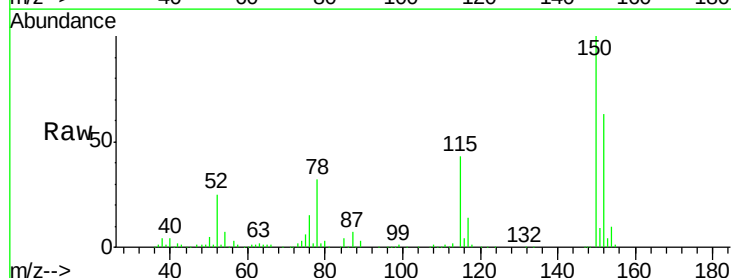
Tgt Ion: 79 Resp: 5038

Ion Ratio Lower Upper

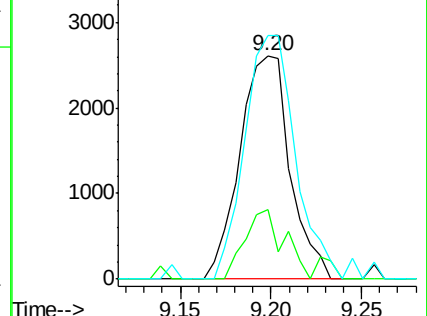
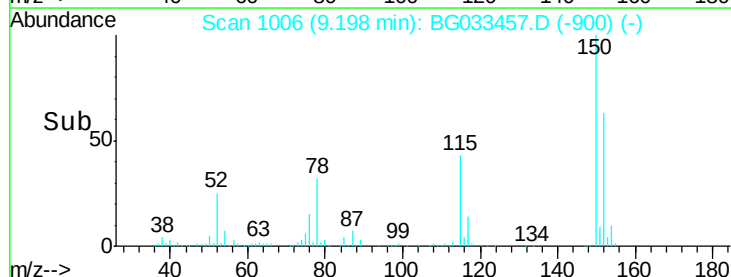
79 100

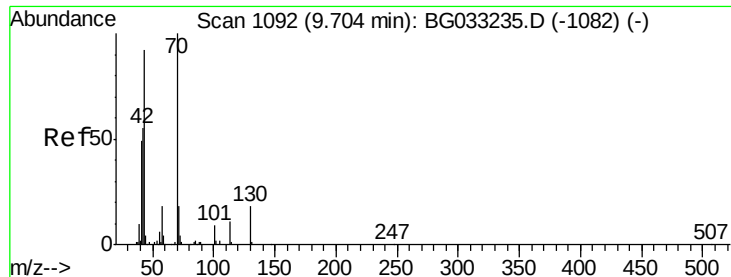
108 31.4 57.2 85.8#

77 108.7 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

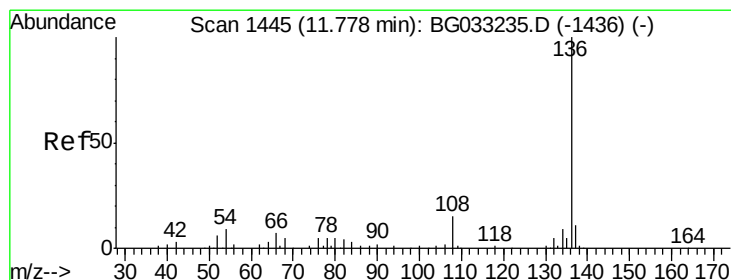
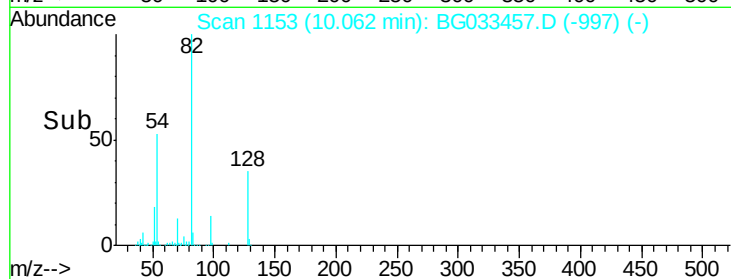
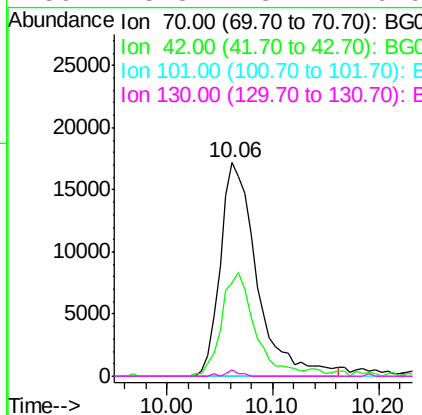
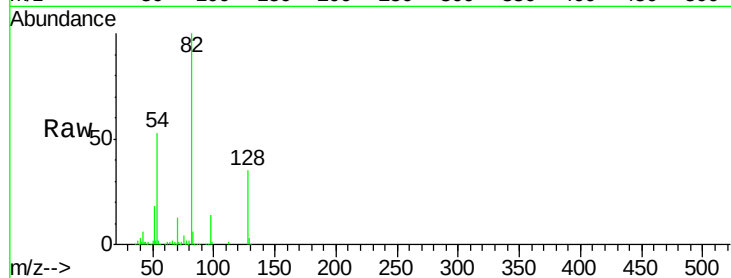




#19
n-Nitroso-di-n-propylamine
Concen: 20.088 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.38 min
Lab File: BG033457.D
Acq: 30 Mar 2018 20:46

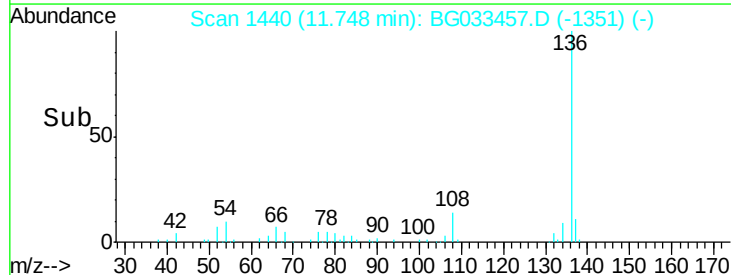
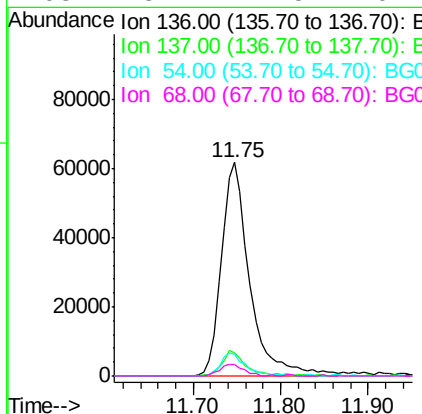
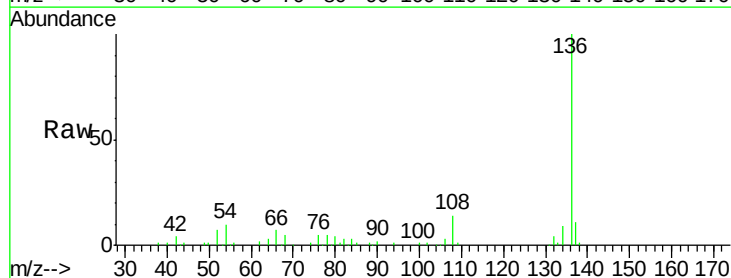
Instrument :
BNA_G
ClientSampled :

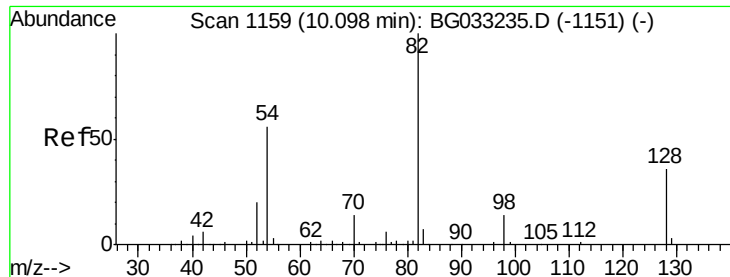
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.6	49.1	73.7#
101	0.0	8.5	12.7#
130	3.3	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033457.D
Acq: 30 Mar 2018 20:46

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	10.5	10.3	15.5
68	5.4	4.5	6.7

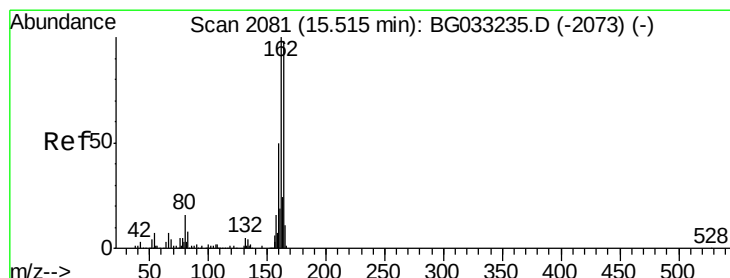
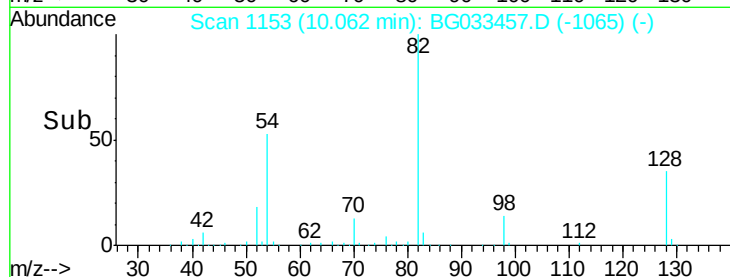
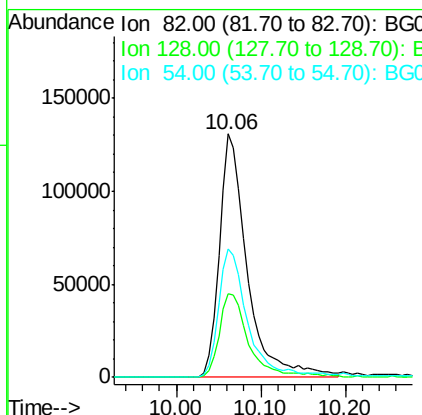
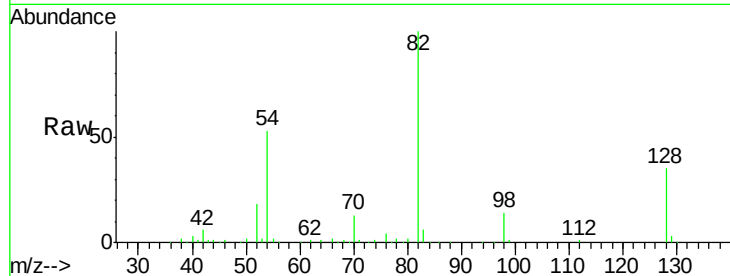




#23
Nitrobenzene-d5
Concen: 100.143 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BG033457.D
Acq: 30 Mar 2018 20:46

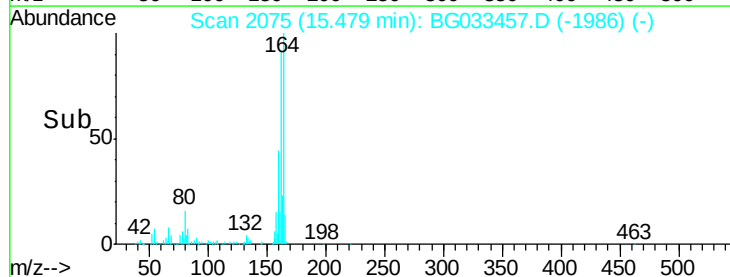
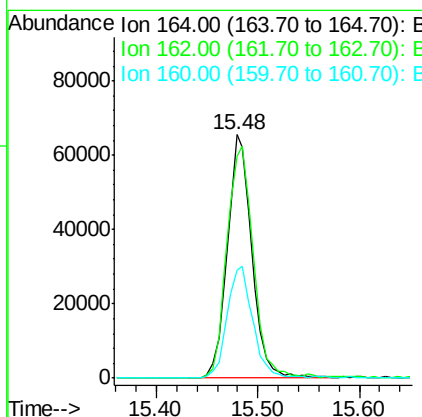
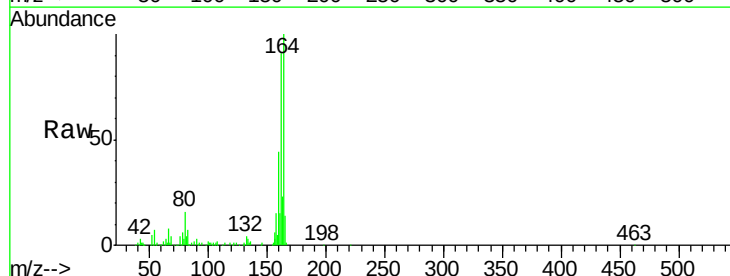
Instrument :
BNA_G
ClientSampleId :

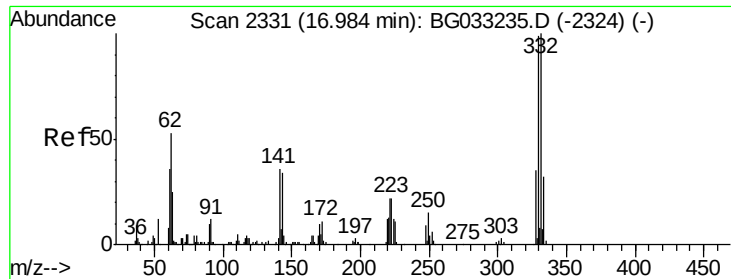
Tot Ion: 82 Resp: 299346
Ion Ratio Lower Upper
82 100
128 34.6 29.7 44.5
54 52.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033457.D
Acq: 30 Mar 2018 20:46

Tgt Ion: 164 Resp: 109928
Ion Ratio Lower Upper
164 100
162 91.3 78.8 118.2
160 44.3 35.4 53.0

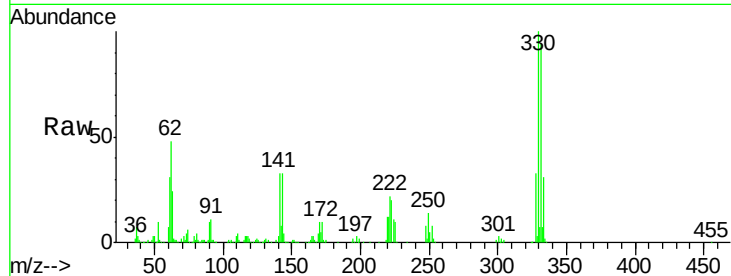




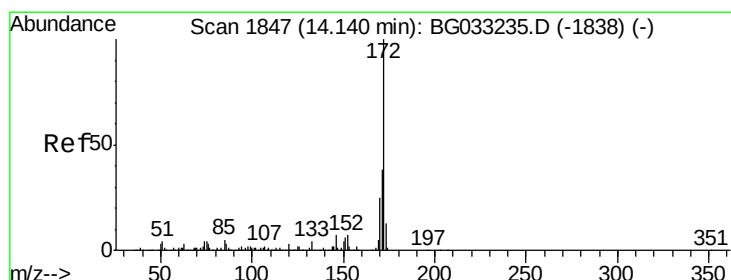
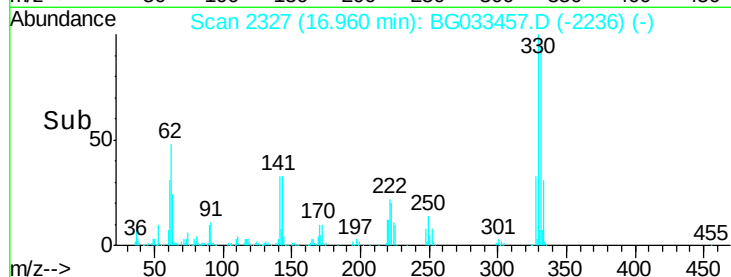
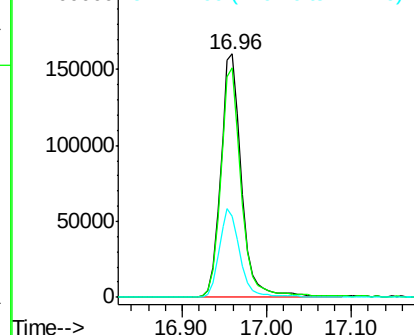
#41
 2,4,6-Tribromophenol
 Concen: 167.929 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033457.D
 Acq: 30 Mar 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	36.6	25.2	37.8

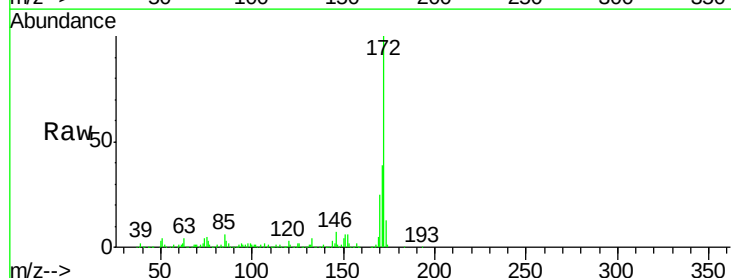


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

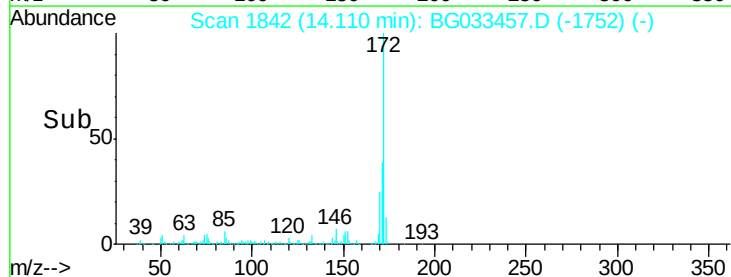
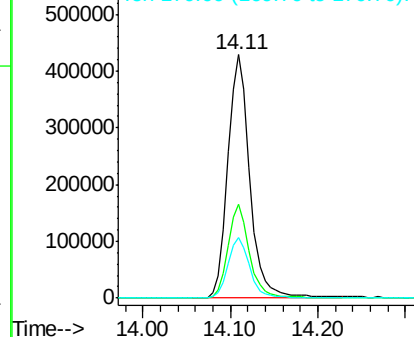


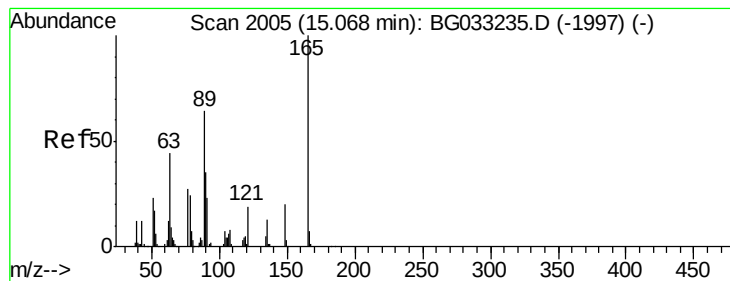
#44
 2-Fluorobiphenyl
 Concen: 98.165 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033457.D
 Acq: 30 Mar 2018 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	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: 7.461 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.43 min

Lab File: BG033457.D

Acq: 30 Mar 2018 20:46

Instrument :

BNA_G

ClientSampleId :

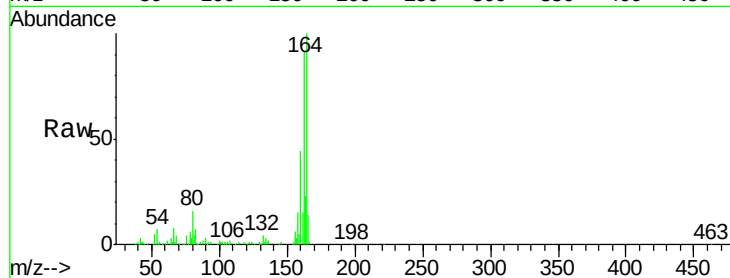
Tot Ion:165 Resp: 14595

Ion Ratio Lower Upper

165 100

63 2.9 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

12000

10000

8000

6000

4000

2000

0

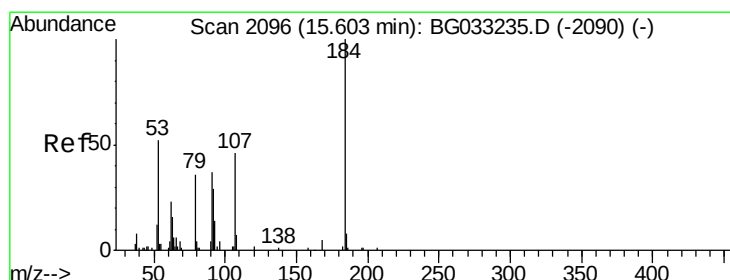
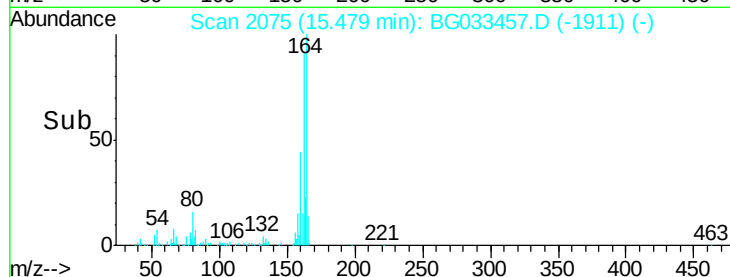
15.48

15.45

15.50

15.55

Time-->



#53

2,4-Dinitrophenol

Concen: 7.713 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.17 min

Lab File: BG033457.D

Acq: 30 Mar 2018 20:46

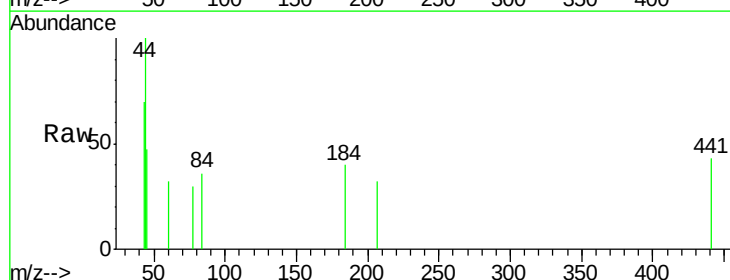
Tgt Ion:184 Resp: 79

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

300

250

200

150

100

50

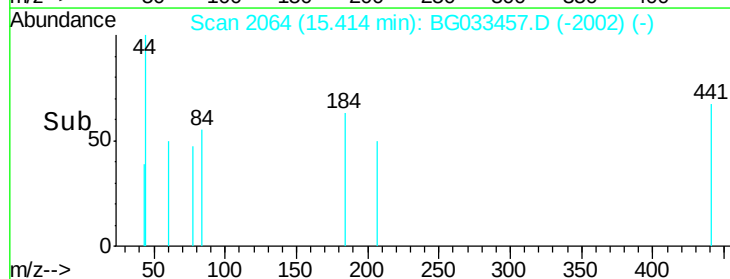
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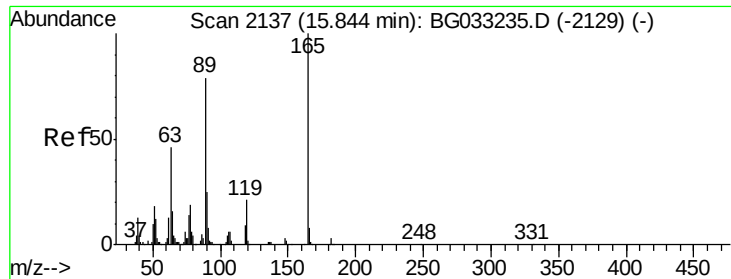
15.41

15.40

15.42

Time-->

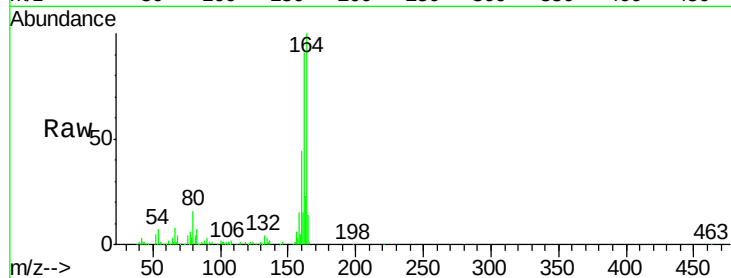




#56
 2,4-Dinitrotoluene
 Concen: 5.067 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033457.D
 Acq: 30 Mar 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.9	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

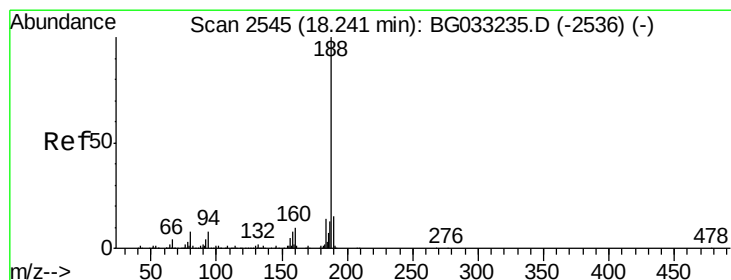
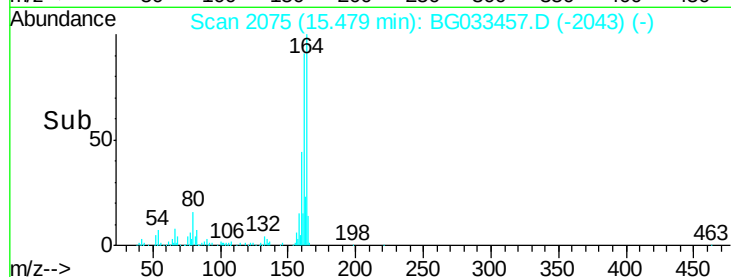
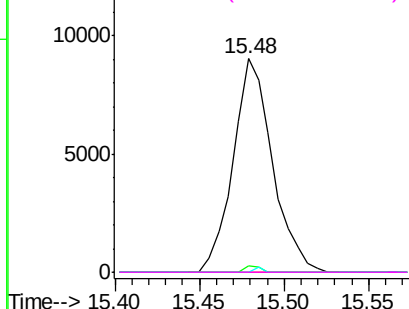


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

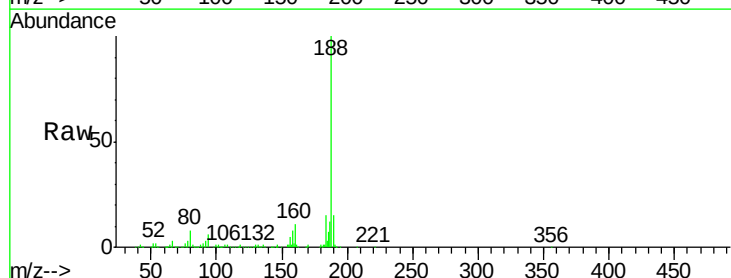
Ion 89.00 (88.70 to 89.70): BGC

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. -0.00 min
 Lab File: BG033457.D
 Acq: 30 Mar 2018 20:46

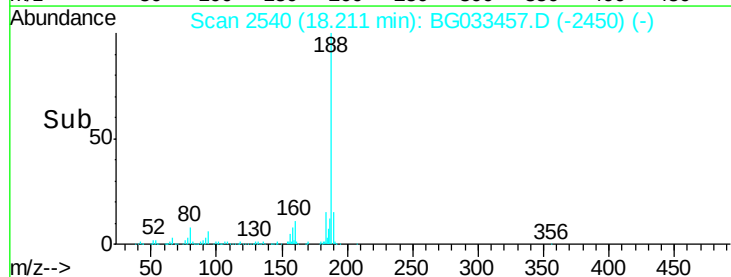
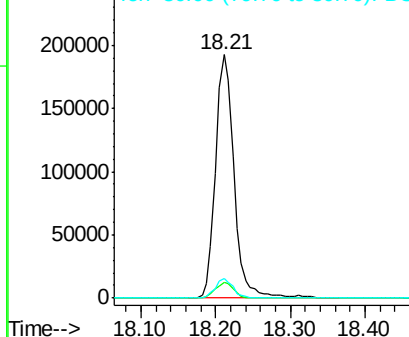
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	8.2	7.7	11.5

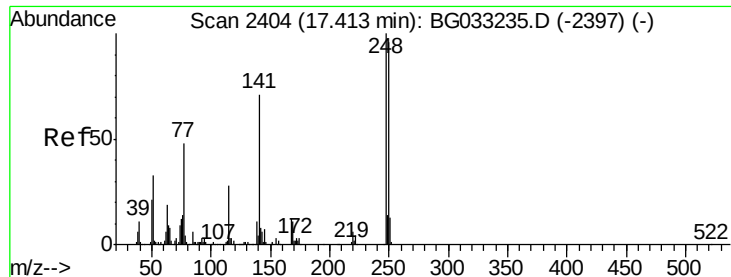


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

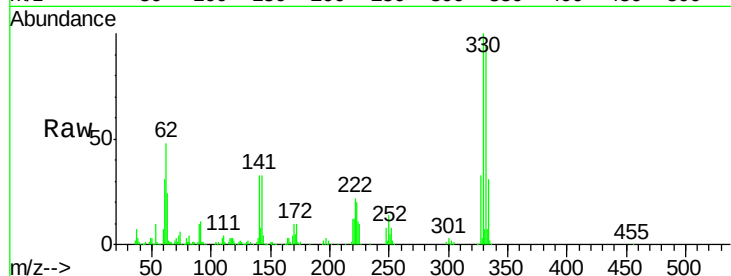




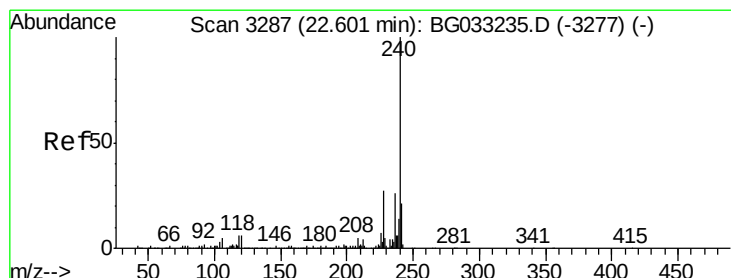
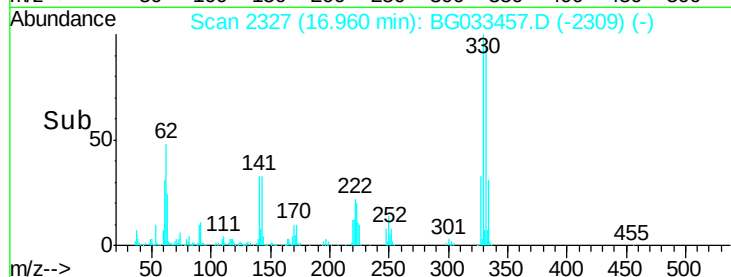
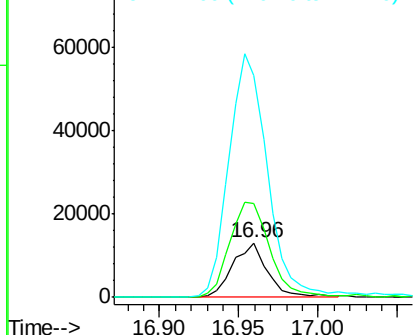
#66
4-Bromophenyl-phenylether
Concen: 5.168 ng
RT: 16.96 min Scan# 2327
Delta R.T. -0.43 min
Lab File: BG033457.D
Acq: 30 Mar 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20144
Ion Ratio Lower Upper
248 100
250 171.1 77.1 115.7#
141 407.3 50.8 76.2#

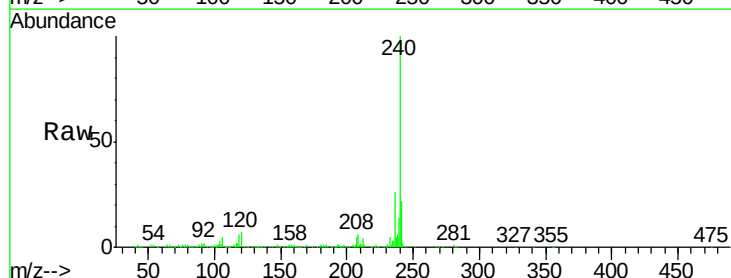


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

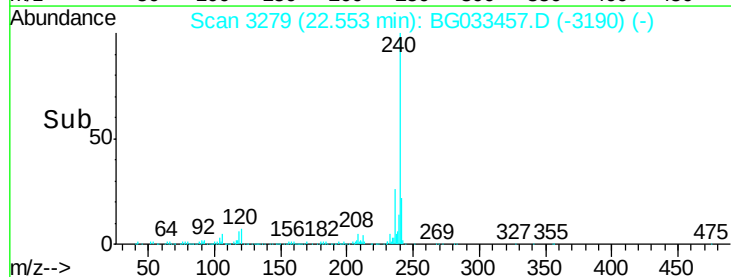
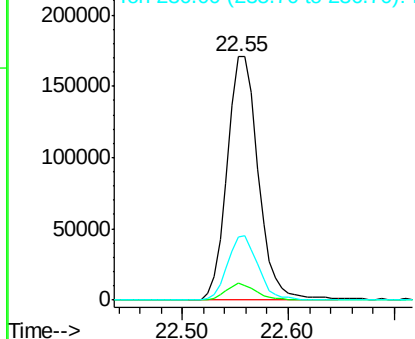


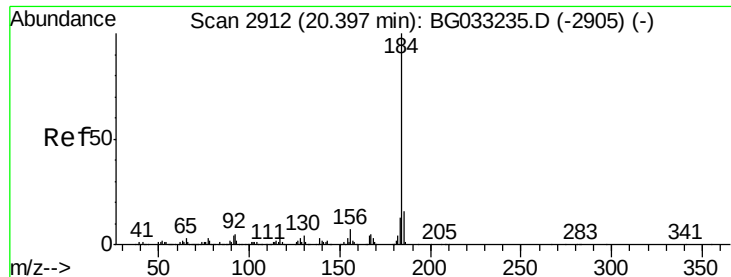
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033457.D
Acq: 30 Mar 2018 20:46

Tgt Ion:240 Resp: 348958
Ion Ratio Lower Upper
240 100
120 6.9 6.8 10.2
236 26.0 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: 2.858 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033457.D

Acq: 30 Mar 2018 20:46

Instrument :

BNA_G

ClientSampleId :

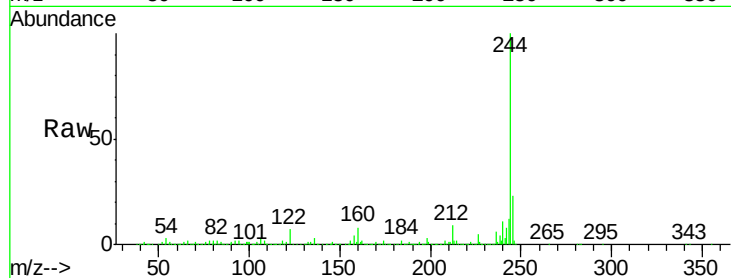
Tot Ion:184 Resp: 27047

Ion Ratio Lower Upper

184 100

185 17.8 11.1 16.7#

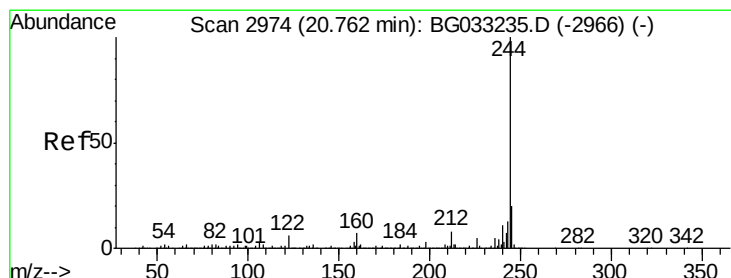
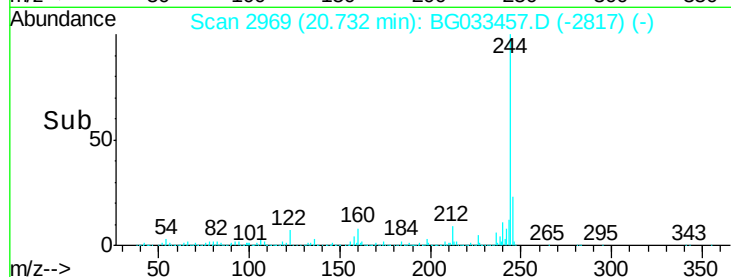
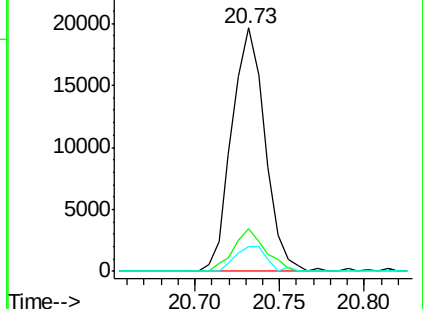
183 10.3 10.6 16.0#



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: 101.477 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033457.D

Acq: 30 Mar 2018 20:46

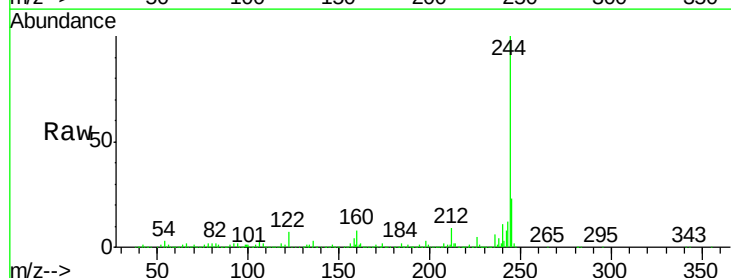
Tgt Ion:244 Resp: 1655813

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

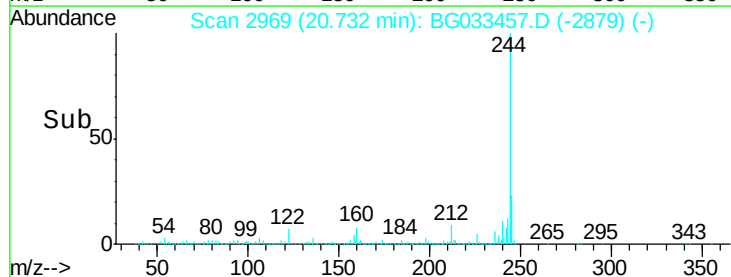
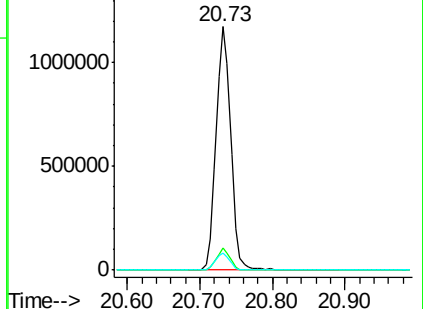
122 7.3 7.0 10.4

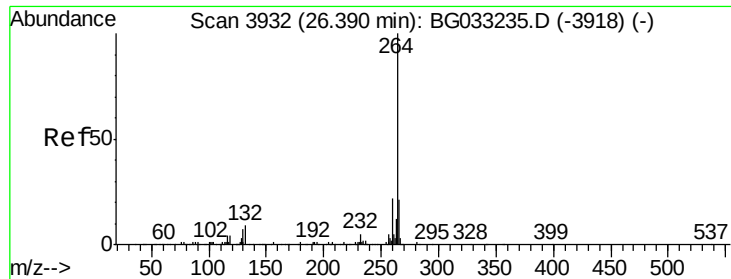


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BG033457.D
Acq: 30 Mar 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.3	17.7	26.5

