

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033787.D
 Acq On : 13 Apr 2018 00:20
 Operator : SJ/JU
 Sample : J2335-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 02:24:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

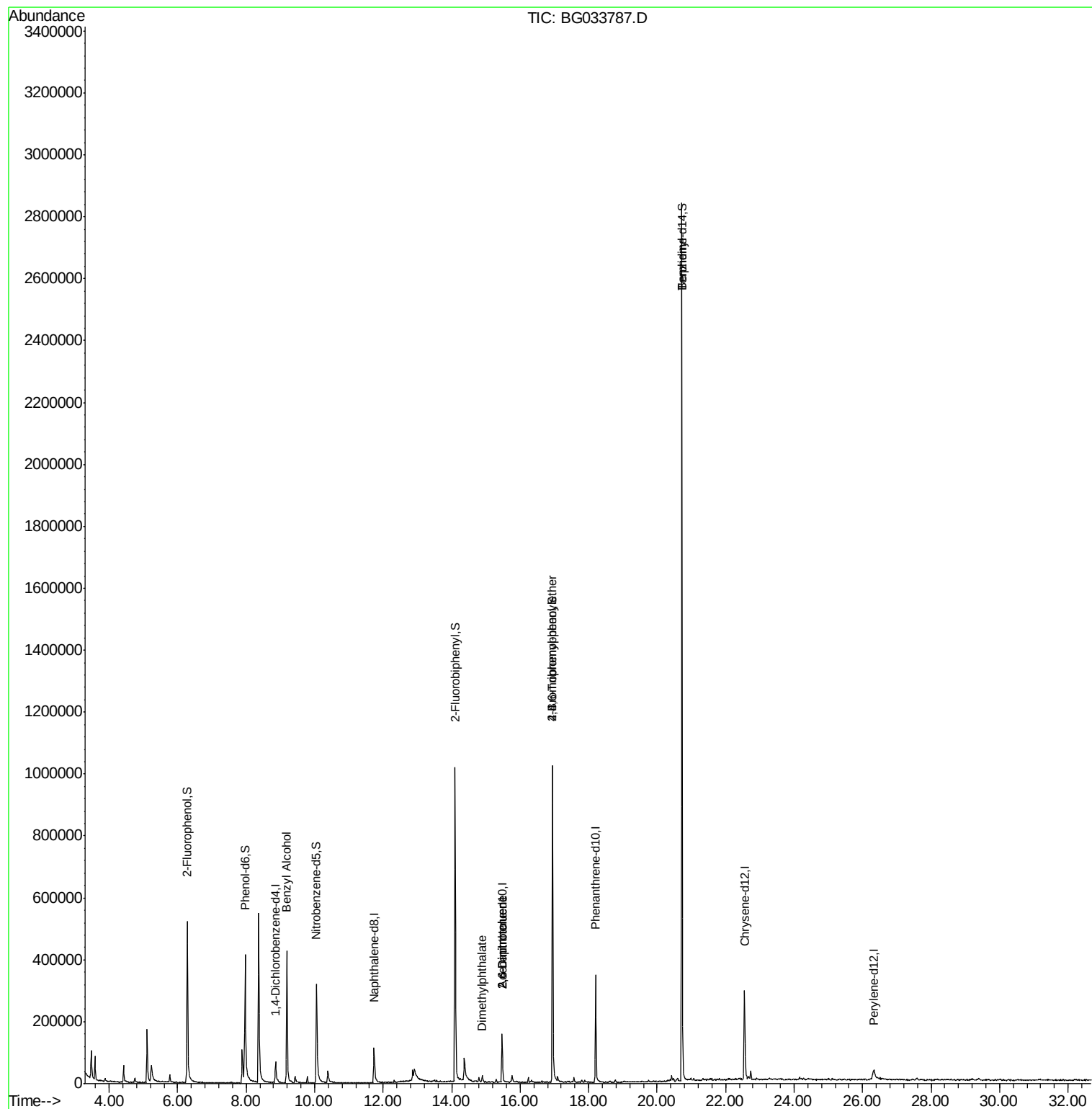
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	26549	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	116766	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	55721	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	248078	20.00	ng	0.00
75) Chrysene-d12	22.55	240	191693	20.00	ng	0.00
86) Perylene-d12	26.32	264	30113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	246581	174.16	ng	0.00
7) Phenol-d6	7.97	99	269598	110.82	ng	0.00
23) Nitrobenzene-d5	10.05	82	254255	100.04	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	209559	251.46	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	587510	152.21	ng	0.00
78) Terphenyl-d14	20.72	244	1319673	147.23	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4222	2.204	ng	# 48
49) Dimethylphthalate	14.90	163	12303	2.537	ng	# 91
50) 2,6-Dinitrotoluene	15.47	165	6749	6.807	ng	# 23
56) 2,4-Dinitrotoluene	15.47	165	6749	4.623	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	15662	5.376	ng	# 1
76) Benzidine	20.72	184	22871	4.400	ng	# 94

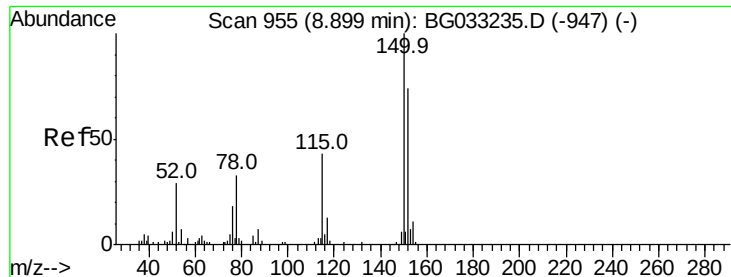
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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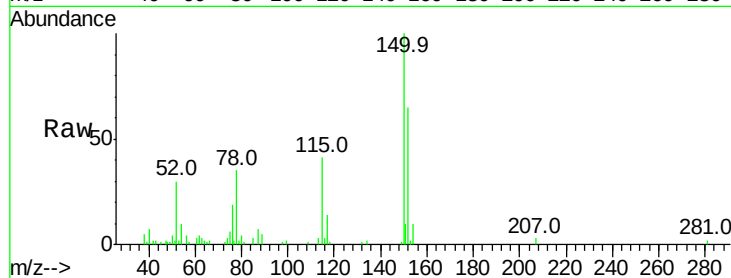


#1

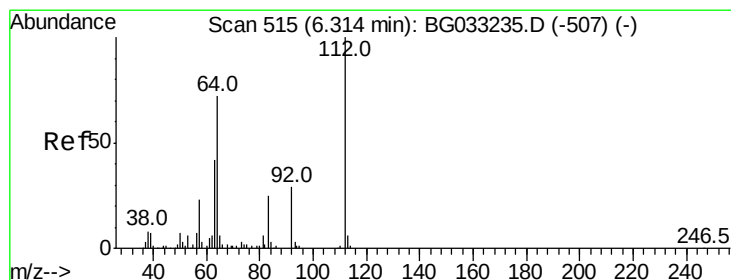
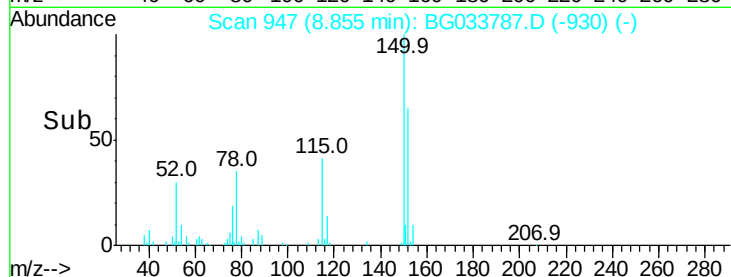
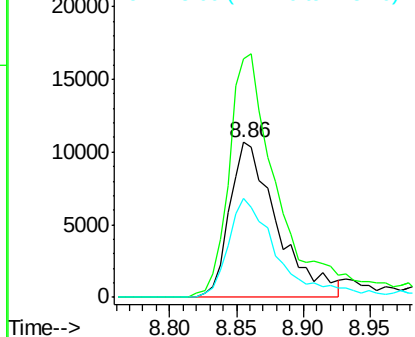
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033787.D
Acq: 13 Apr 2018 00:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26549
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 62.0 53.0 79.4



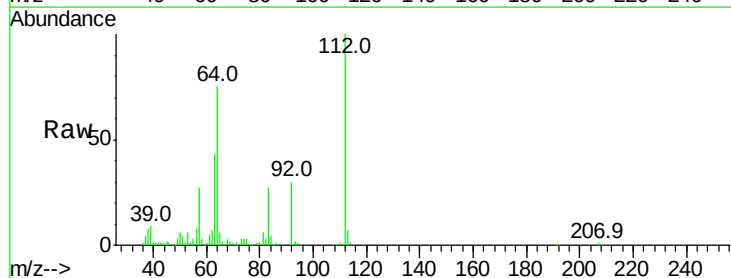
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



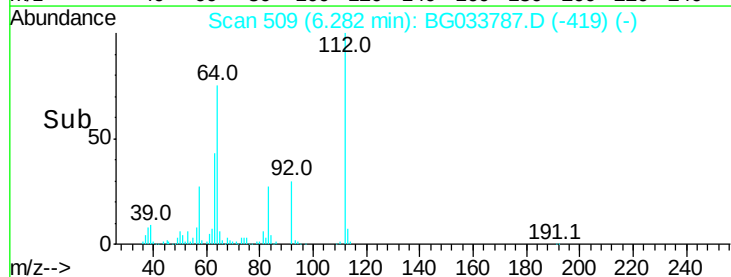
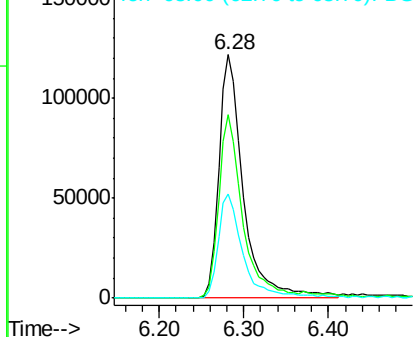
#5

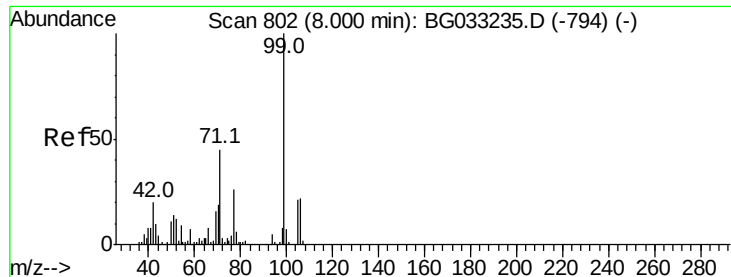
2-Fluorophenol
Concen: 174.157 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033787.D
Acq: 13 Apr 2018 00:20

Tgt Ion:112 Resp: 246581
Ion Ratio Lower Upper
112 100
64 75.4 56.3 84.5
63 43.0 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: 110.821 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

Instrument :

BNA_G

ClientSampleId :

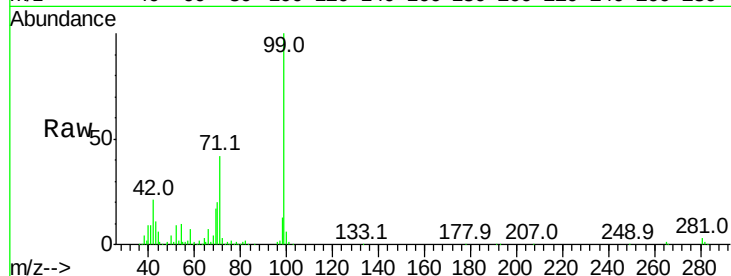
Tot Ion: 99 Resp: 269598

Ion Ratio Lower Upper

99 100

42 21.1 14.1 21.1#

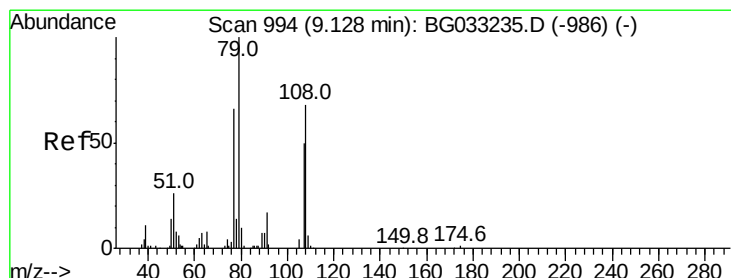
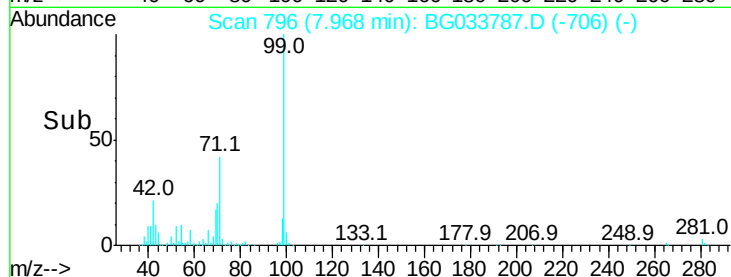
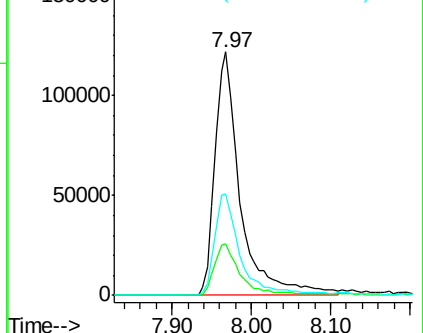
71 41.9 26.1 39.1#



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: 2.204 ng

RT: 9.18 min Scan# 1002

Delta R.T. 0.09 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

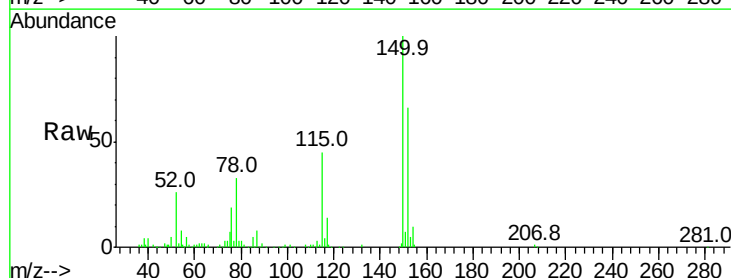
Tgt Ion: 79 Resp: 4222

Ion Ratio Lower Upper

79 100

108 27.1 57.2 85.8#

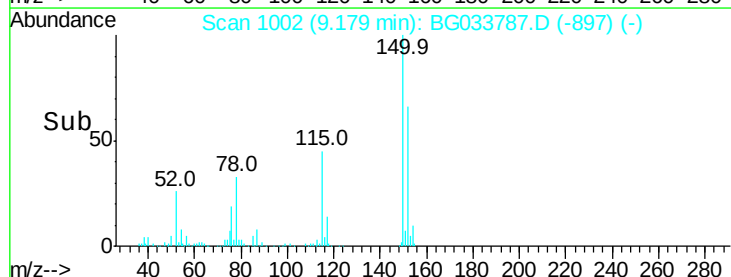
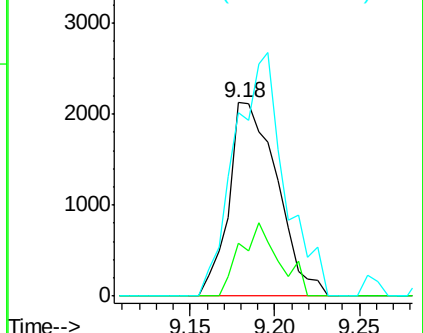
77 94.9 46.1 69.1#

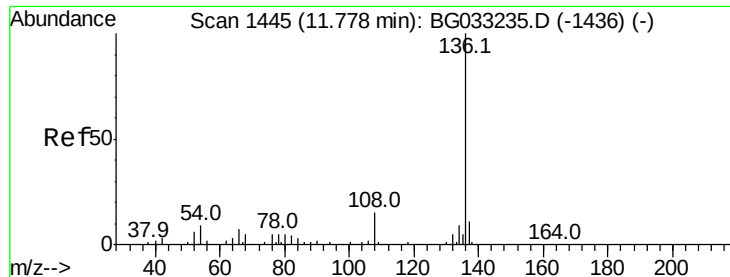


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

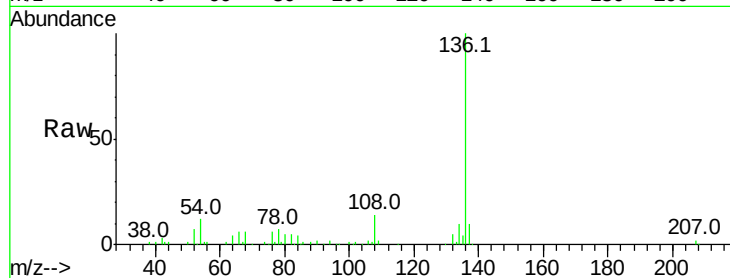




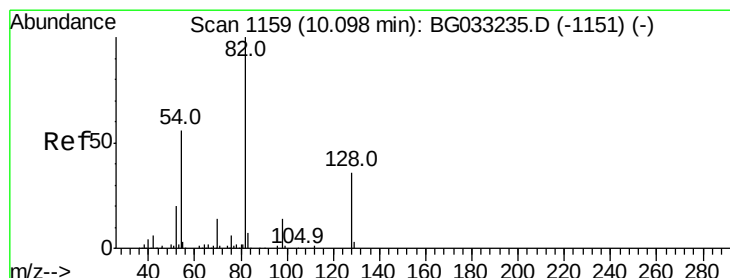
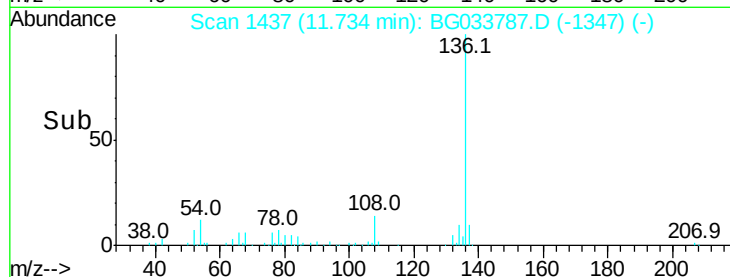
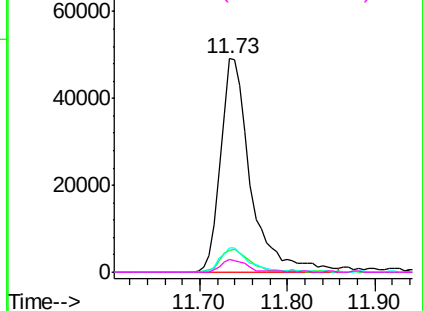
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033787.D
Acq: 13 Apr 2018 00:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	116766
Ion	Ratio	Lower Upper
136	100	
137	10.0	9.2 13.8
54	11.6	10.3 15.5
68	6.0	4.5 6.7

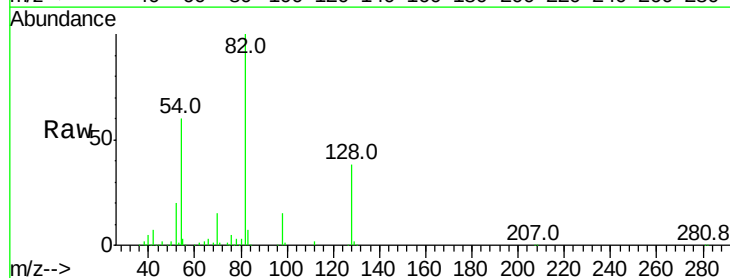


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

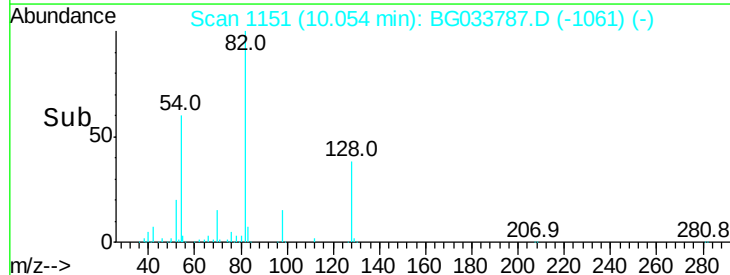
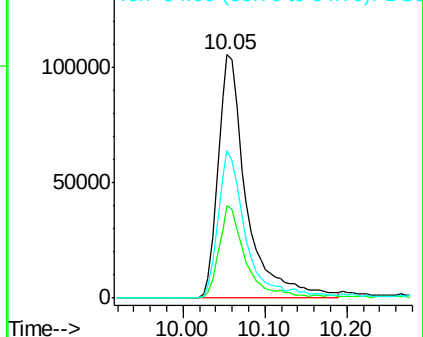


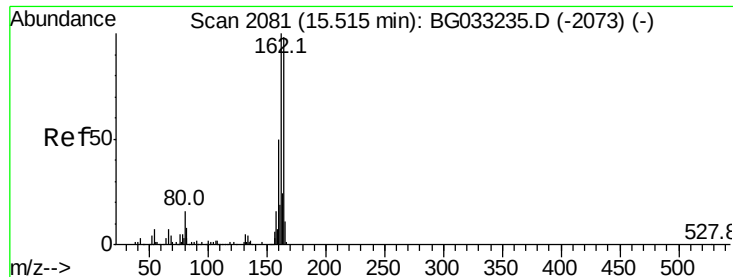
#23
Nitrobenzene-d5
Concen: 100.042 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG033787.D
Acq: 13 Apr 2018 00:20

Tgt Ion: 82	Resp:	254255
Ion	Ratio	Lower Upper
82	100	
128	38.2	29.7 44.5
54	60.5	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

Instrument :

BNA_G

ClientSampleId :

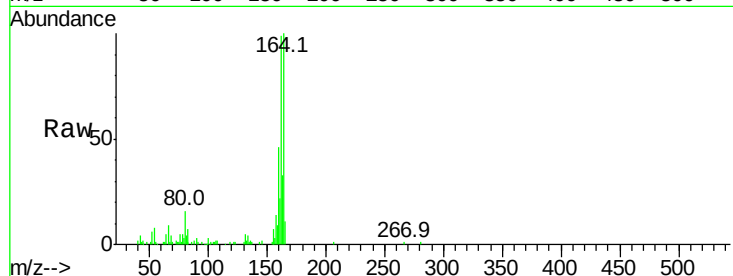
Tot Ion:164 Resp: 55721

Ion Ratio Lower Upper

164 100

162 98.9 78.8 118.2

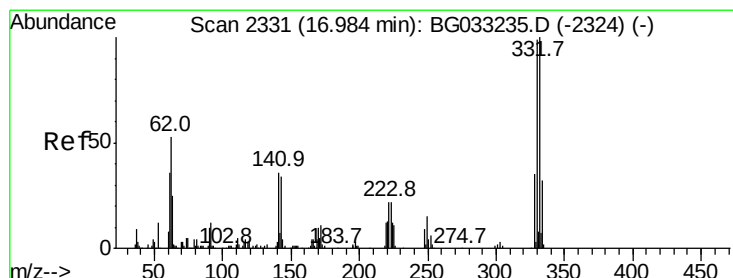
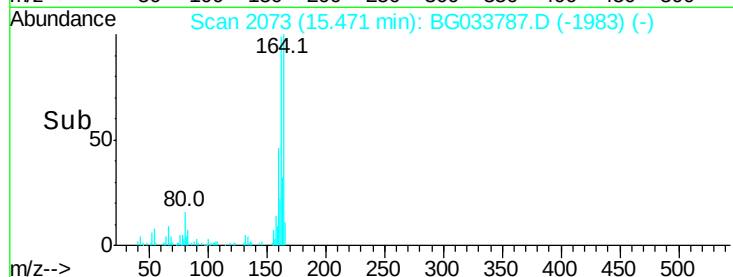
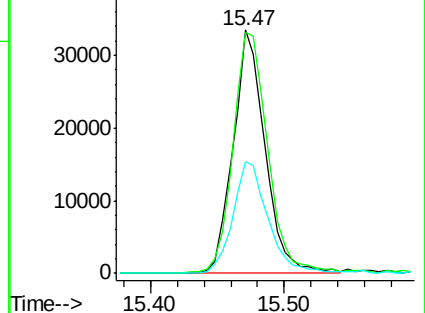
160 46.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 251.459 ng

RT: 16.95 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

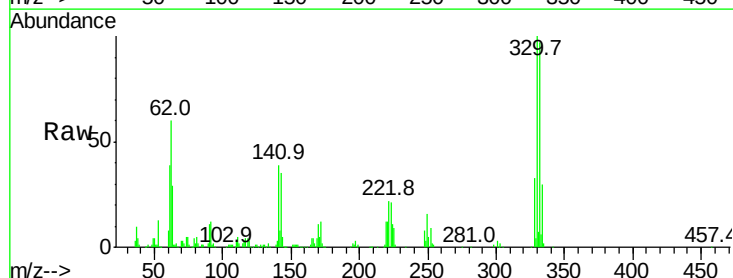
Tgt Ion:330 Resp: 209559

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

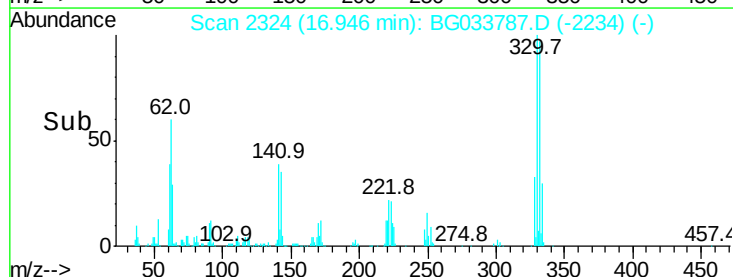
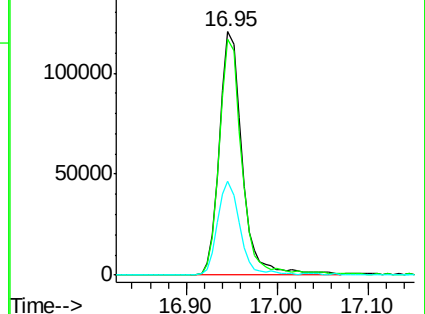
141 38.1 25.2 37.8#

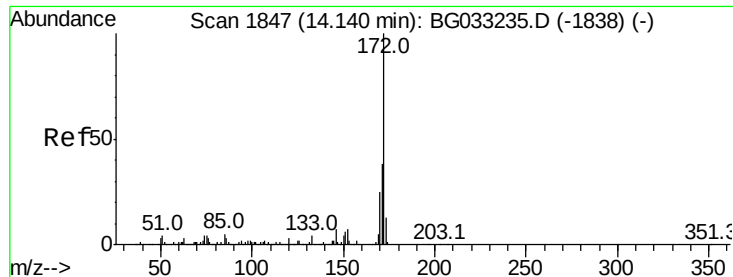


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 152.214 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

Instrument :

BNA_G

ClientSampleId :

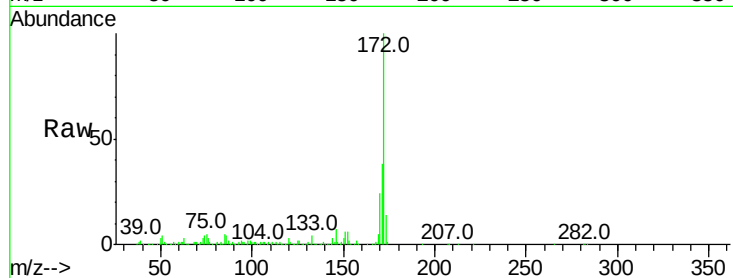
Tot Ion:172 Resp: 587510

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.2	19.5	29.3

172 100

171 38.2 30.0 45.0

170 24.2 19.5 29.3

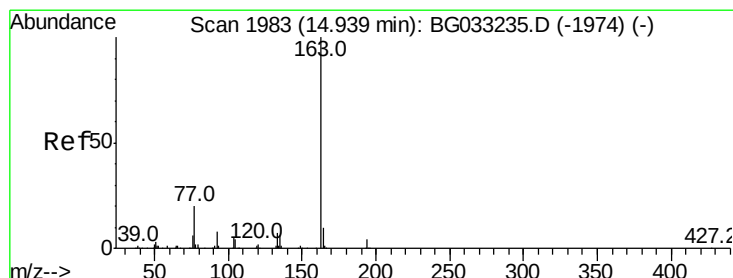
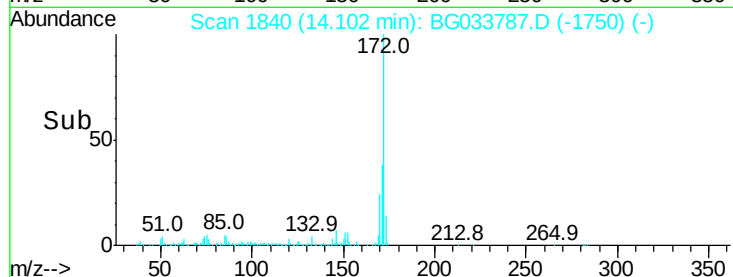
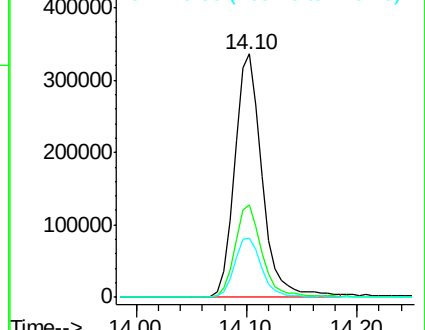


Abundance

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: 2.537 ng

RT: 14.90 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

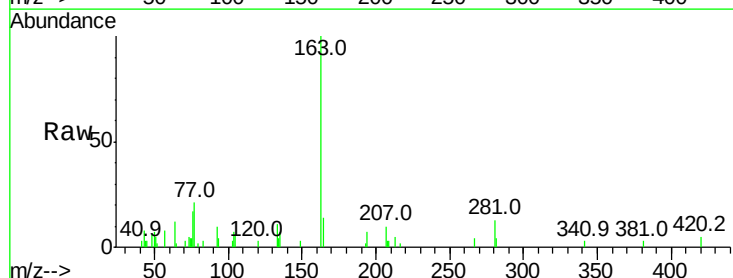
Tgt Ion:163 Resp: 12303

Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.4	5.2#
164	14.1	8.2	12.4#

163 100

194 6.5 3.4 5.2#

164 14.1 8.2 12.4#

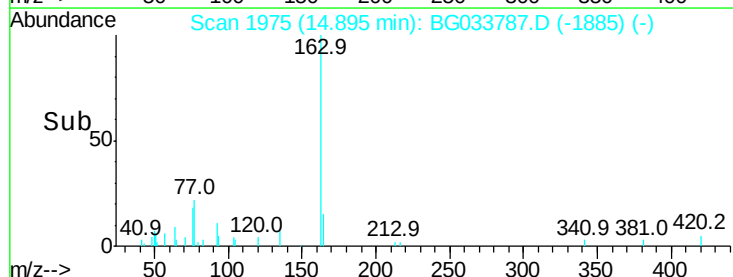
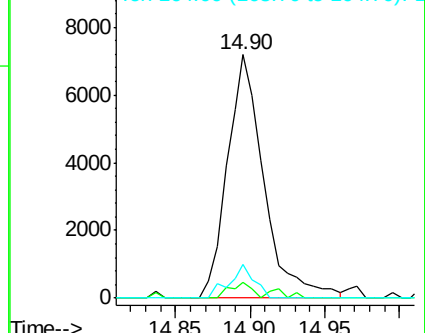


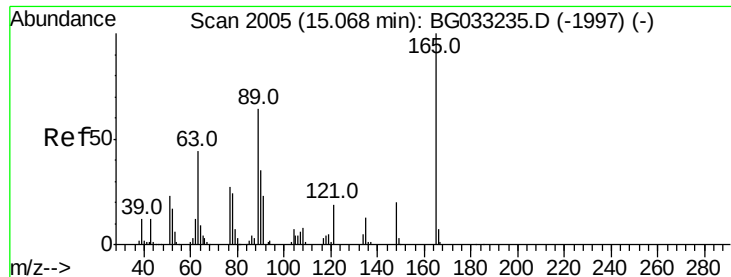
Abundance

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: 6.807 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.44 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

Instrument :

BNA_G

ClientSampleId :

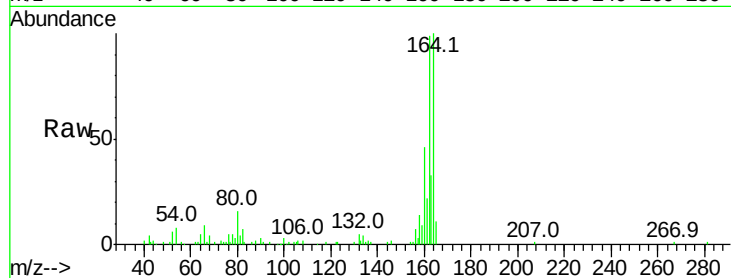
Tot Ion:165 Resp: 6749

Ion Ratio Lower Upper

165 100

63 6.7 52.7 79.1#

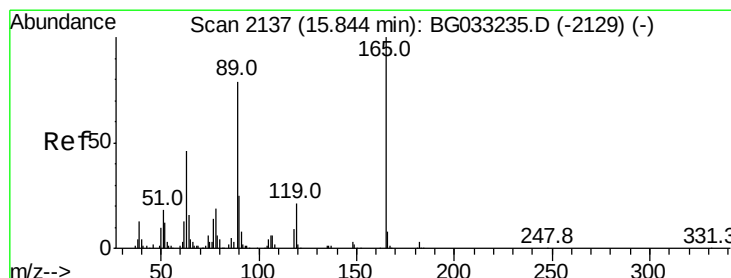
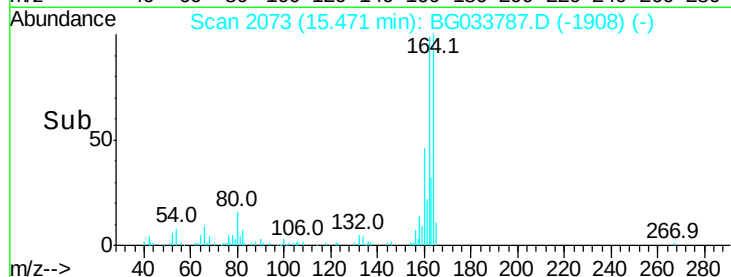
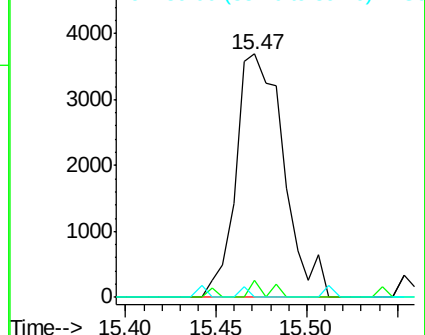
89 0.0 49.2 73.8#



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



#56

2,4-Dinitrotoluene

Concen: 4.623 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.34 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

Tgt Ion:165 Resp: 6749

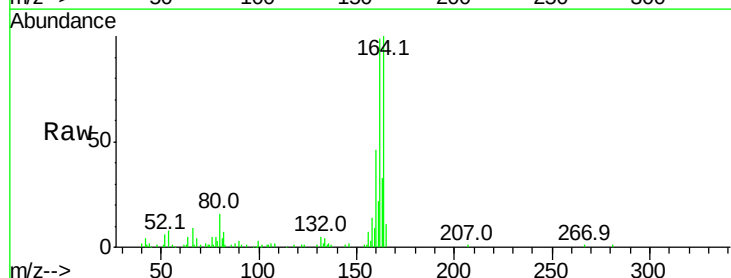
Ion Ratio Lower Upper

165 100

63 6.7 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

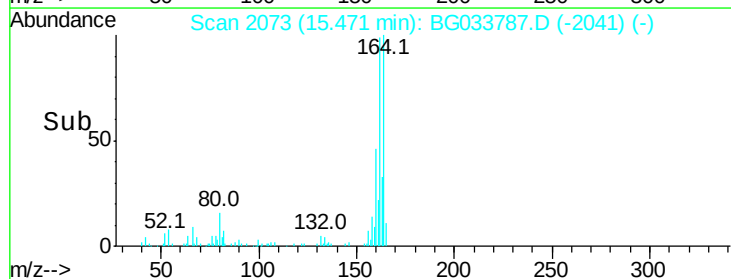
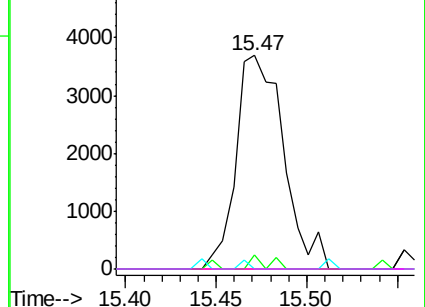


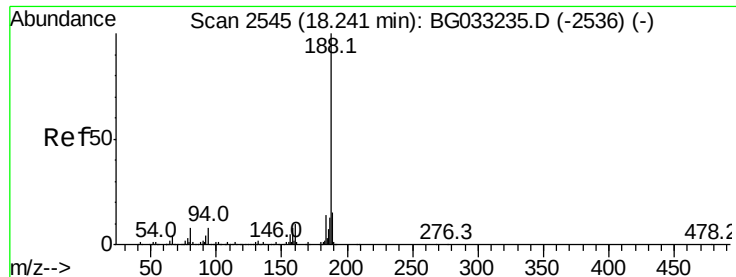
Abundance Ion 165.00 (164.70 to 165.70): E

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

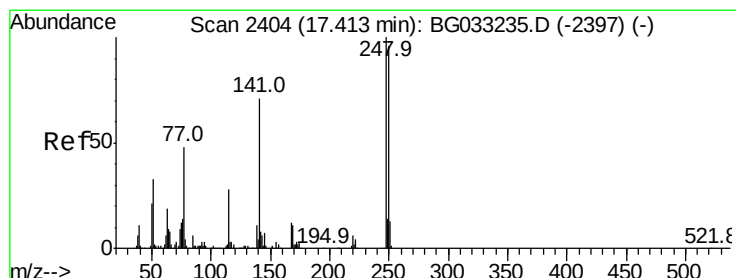
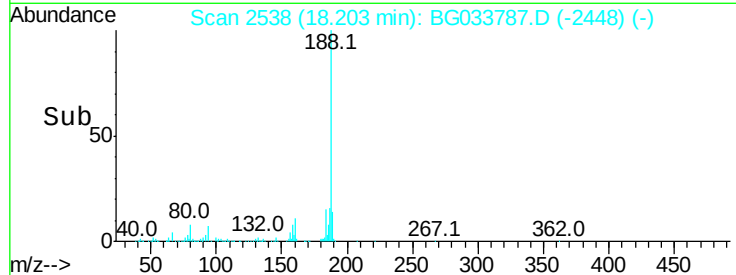
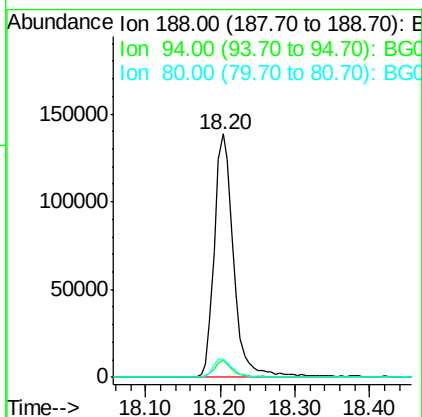
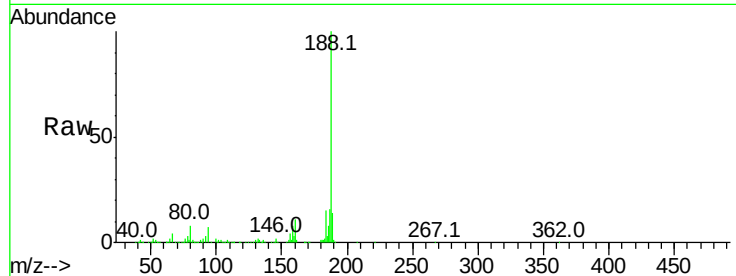




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033787.D
 Acq: 13 Apr 2018 00:20

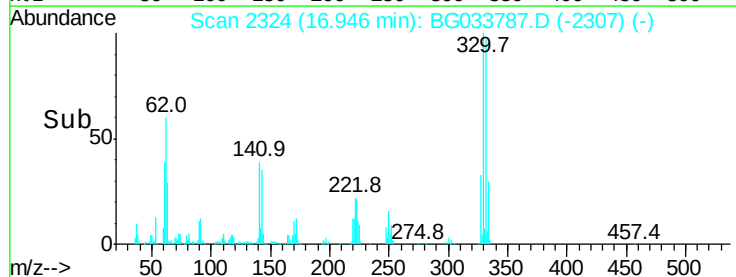
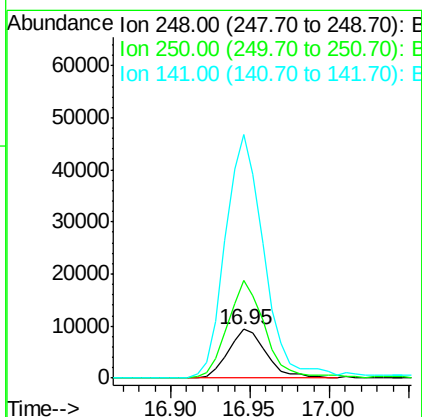
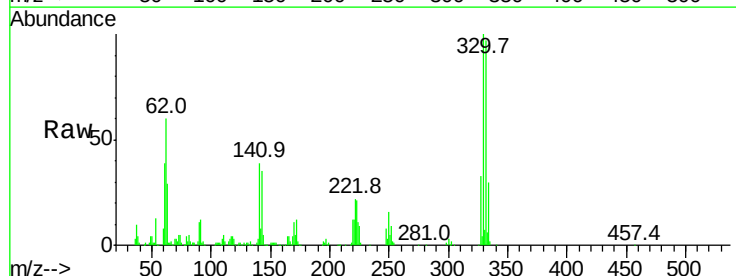
Instrument :
 BNA_G
 ClientSampleId :

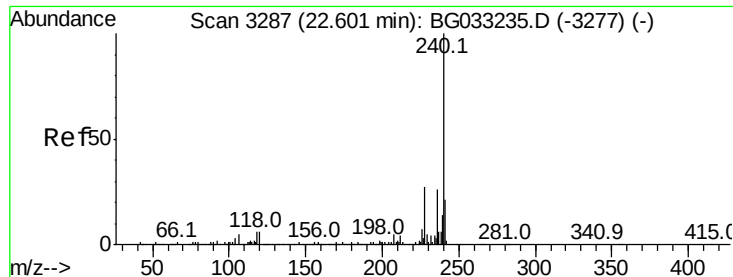
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.8	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 5.376 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.43 min
 Lab File: BG033787.D
 Acq: 13 Apr 2018 00:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.0	77.1	115.7#
141	498.8	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

Instrument :

BNA_G

ClientSampleId :

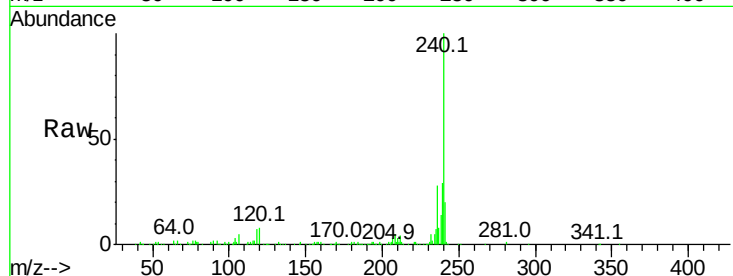
Tot Ion:240 Resp: 191693

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

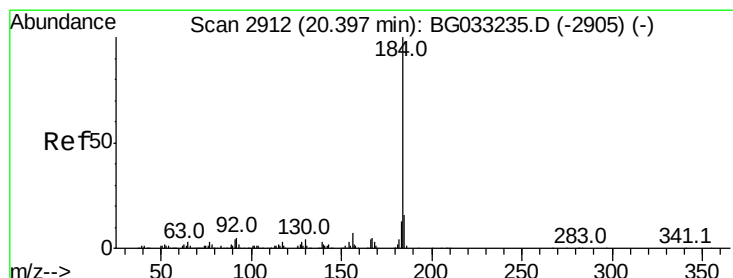
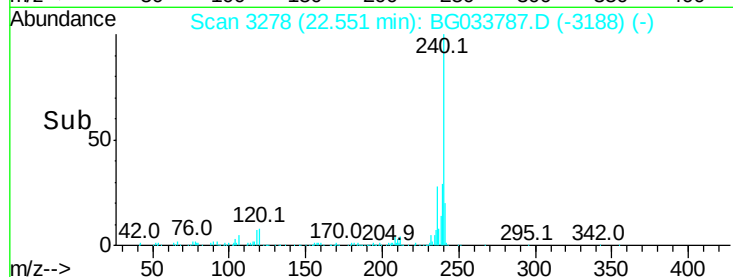
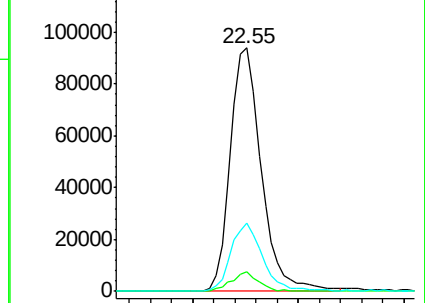
236 27.8 20.9 31.3



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: 4.400 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

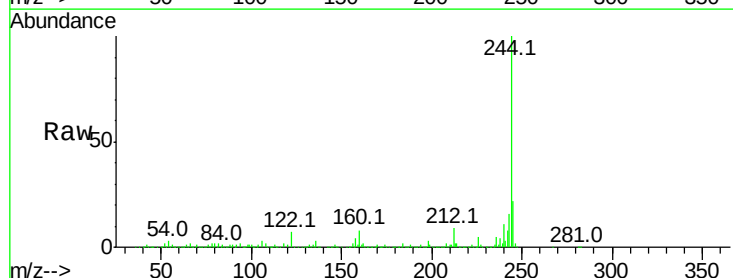
Tgt Ion:184 Resp: 22871

Ion Ratio Lower Upper

184 100

185 18.3 11.1 16.7#

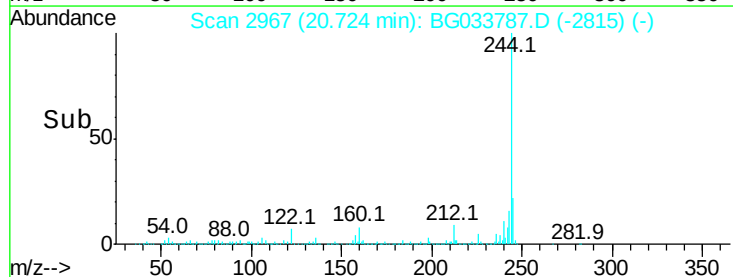
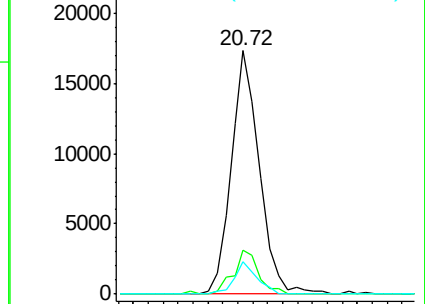
183 13.4 10.6 16.0

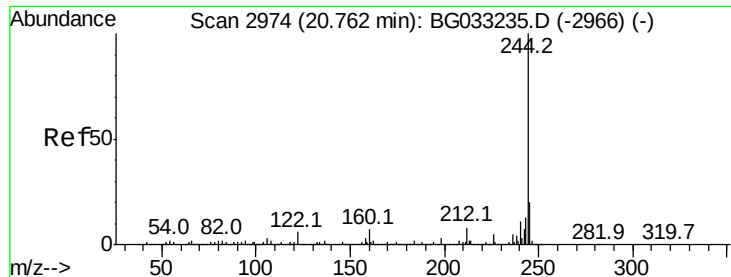


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 147.228 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033787.D

Acq: 13 Apr 2018 00:20

Instrument :

BNA_G

ClientSampleId :

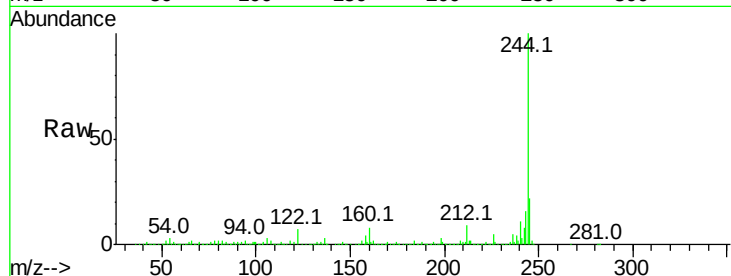
Tot Ion:244 Resp: 1319673

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

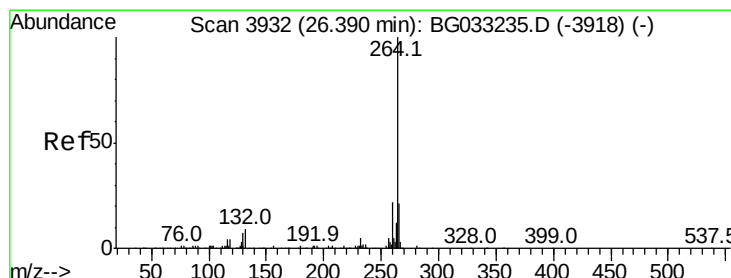
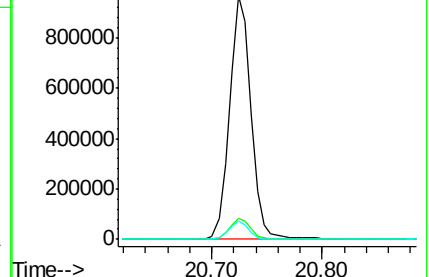
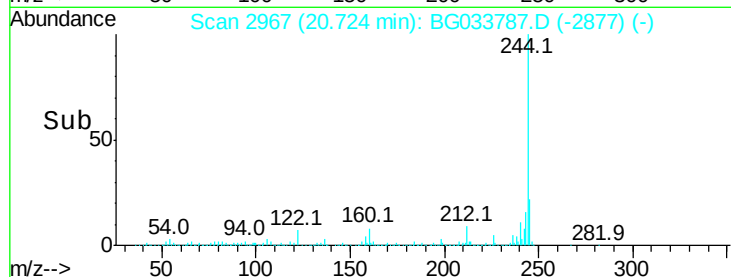
122 7.4 7.0 10.4



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: BG033787.D

Acq: 13 Apr 2018 00:20

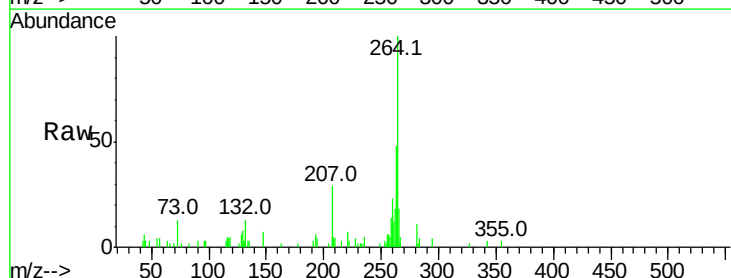
Tgt Ion:264 Resp: 30113

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 18.0 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

