

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033284.D
 Acq On : 21 Mar 2018 2:42
 Operator : SJ/JU
 Sample : J1975-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 03:30:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

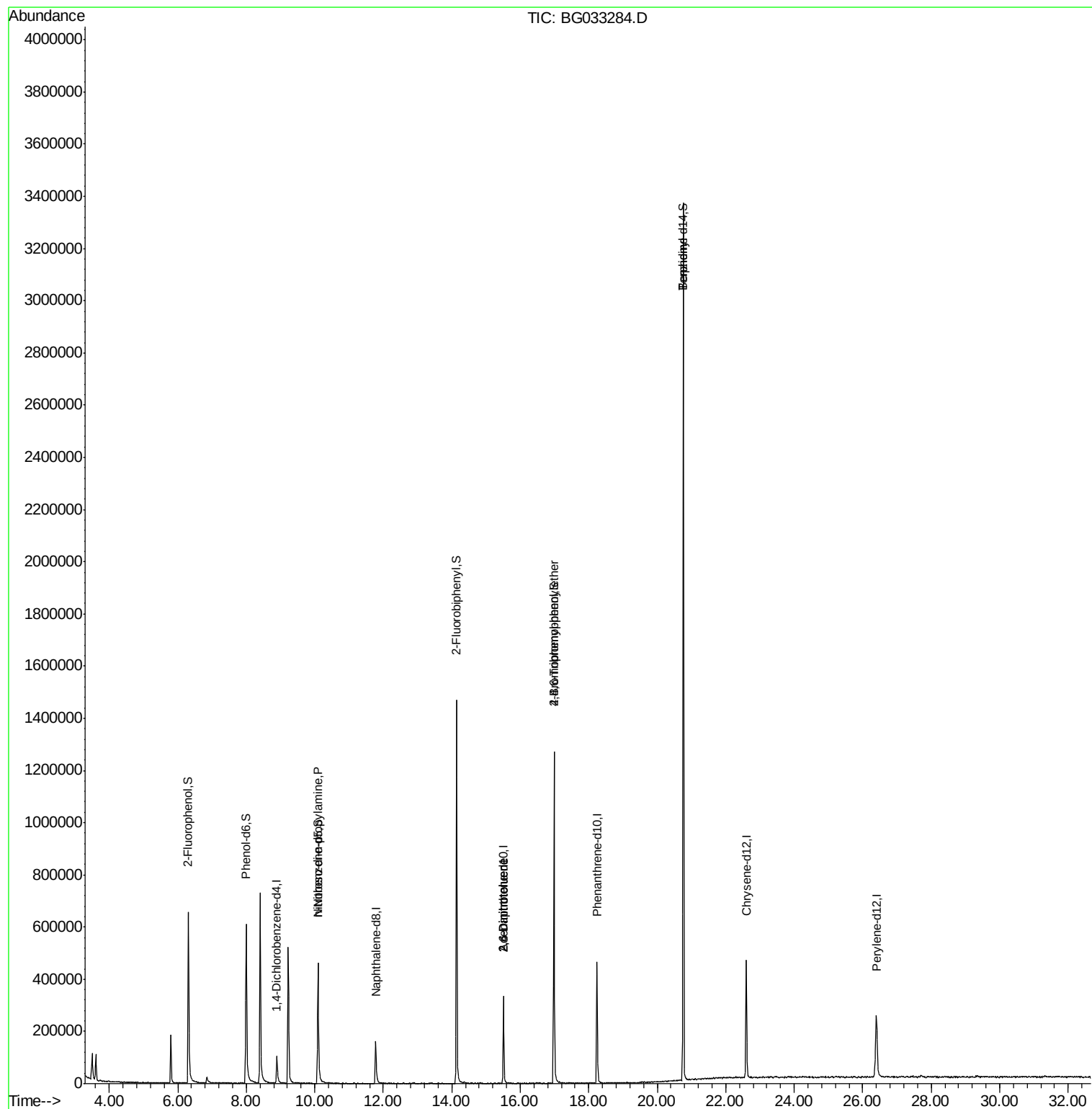
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	38975	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	162693	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	125906	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	339242	20.00	ng	0.00
75) Chrysene-d12	22.60	240	335531	20.00	ng	0.00
86) Perylene-d12	26.40	264	352896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	325887	156.79	ng	0.00
7) Phenol-d6	7.99	99	448598	125.61	ng	0.00
23) Nitrobenzene-d5	10.09	82	362269	102.30	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	266377	141.46	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	861314	98.76	ng	0.00
78) Terphenyl-d14	20.76	244	1649537	105.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.09	70	48979	18.716	ng	# 78
50) 2,6-Dinitrotoluene	15.51	165	16353	7.299	ng	# 18
56) 2,4-Dinitrotoluene	15.51	165	16410	4.974	ng	# 16
66) 4-Bromophenyl-phenylether	16.98	248	20203	5.071	ng	# 1
76) Benzidine	20.76	184	27103	2.979	ng	# 93

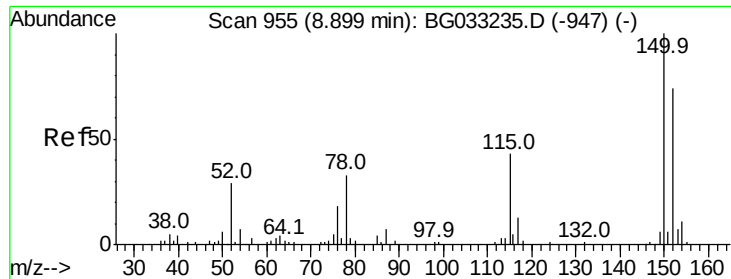
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 19 16:48:53 2018
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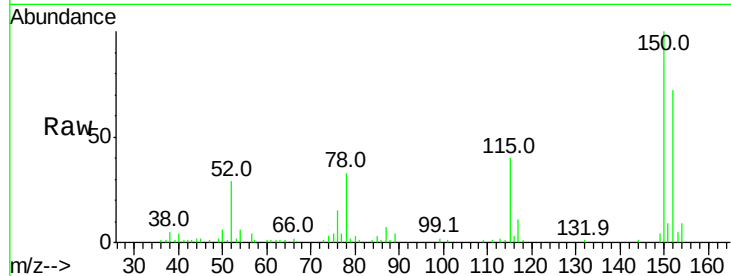


#1

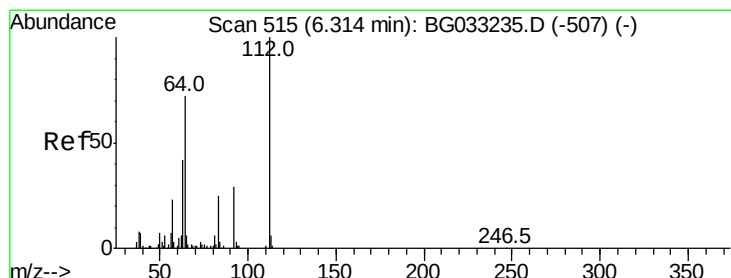
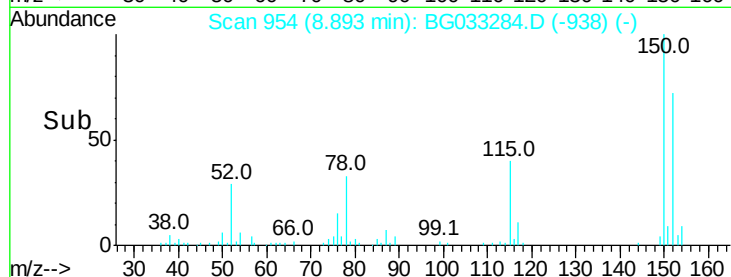
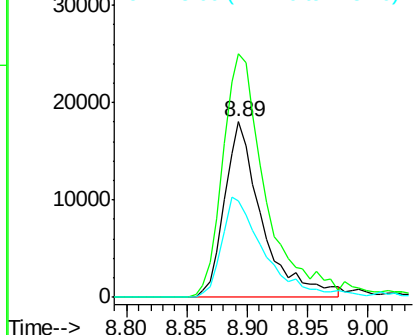
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38975
Ion Ratio Lower Upper
152 100
150 138.8 126.6 189.8
115 55.1 53.0 79.4



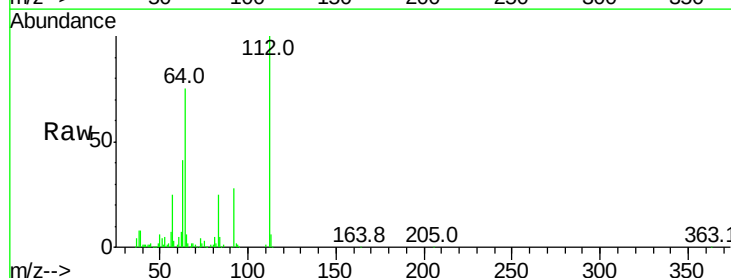
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



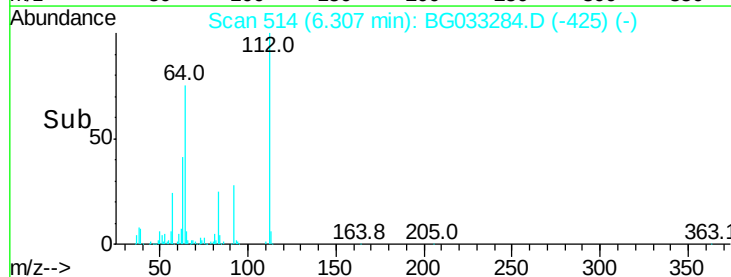
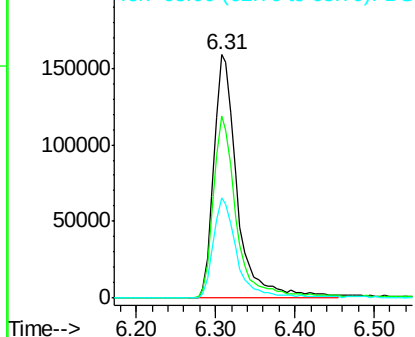
#5

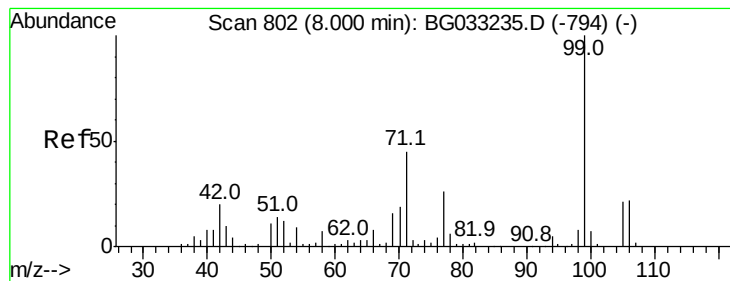
2-Fluorophenol
Concen: 156.787 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Tgt Ion:112 Resp: 325887
Ion Ratio Lower Upper
112 100
64 75.0 56.3 84.5
63 41.1 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: 125.610 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

Instrument :

BNA_G

ClientSampled :

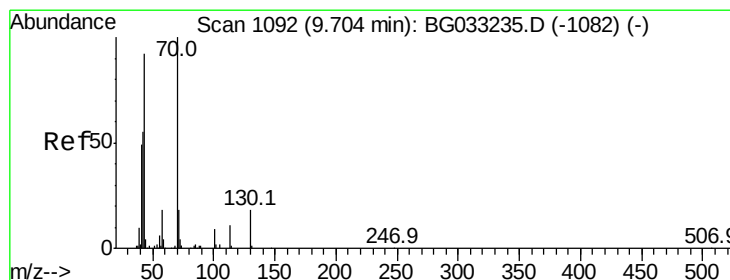
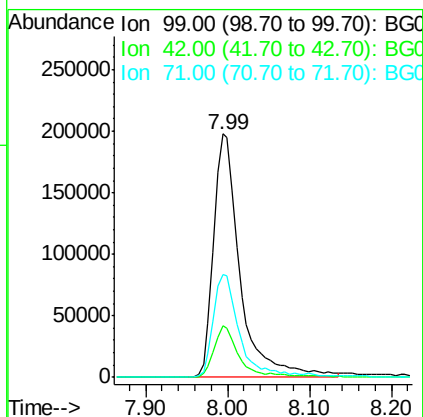
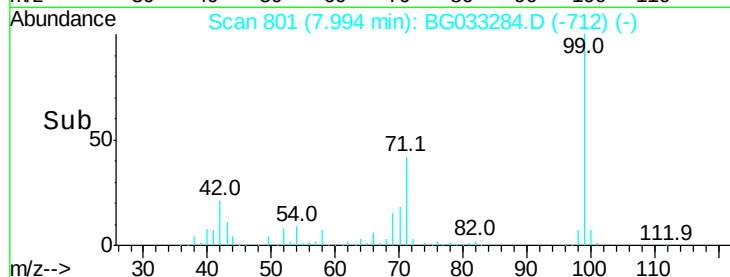
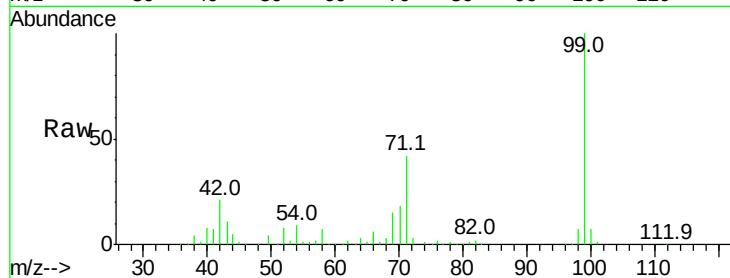
Tot Ion: 99 Resp: 448598

Ion Ratio Lower Upper

99 100

42 21.2 14.1 21.1#

71 42.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 18.716 ng

RT: 10.09 min Scan# 1158

Delta R.T. 0.39 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

Tgt Ion: 70 Resp: 48979

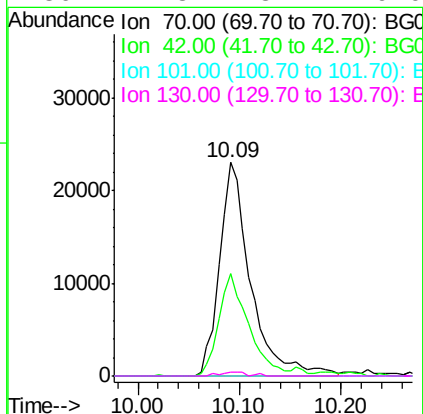
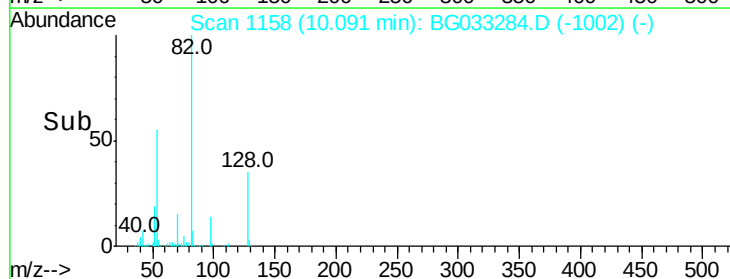
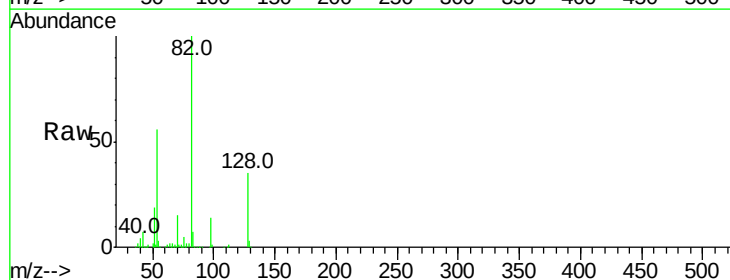
Ion Ratio Lower Upper

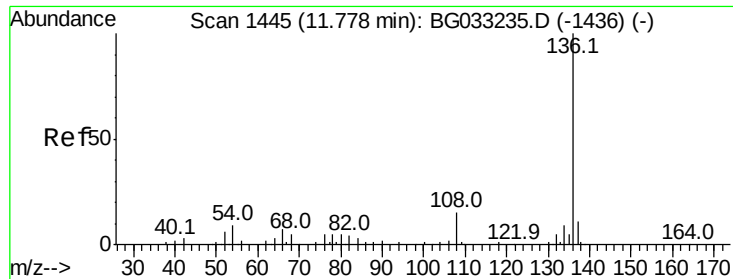
70 100

42 48.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

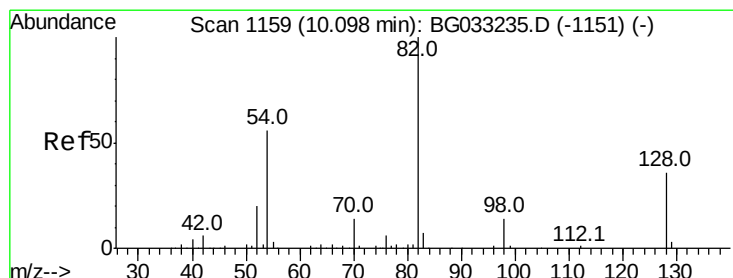
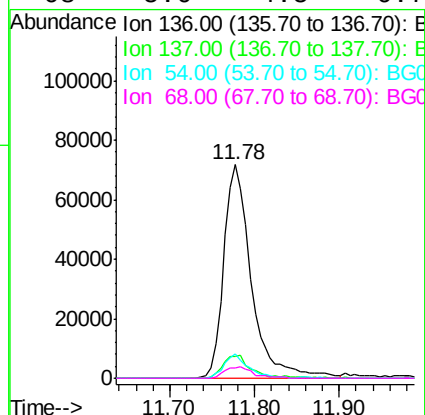
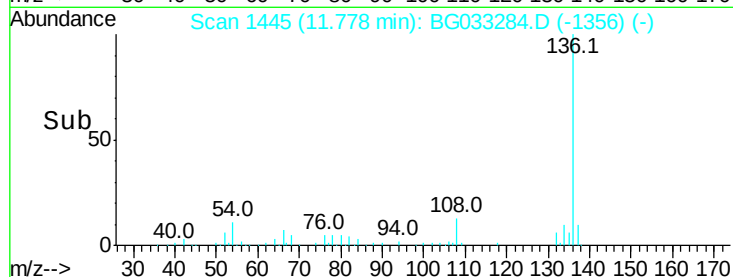
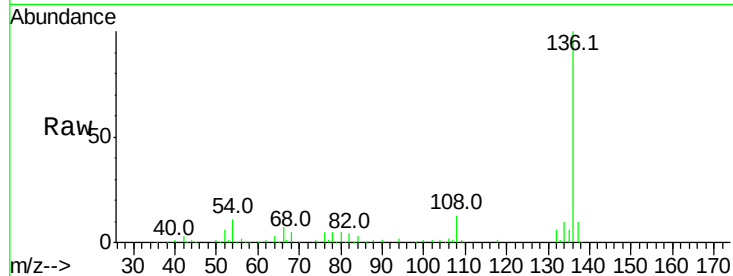




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

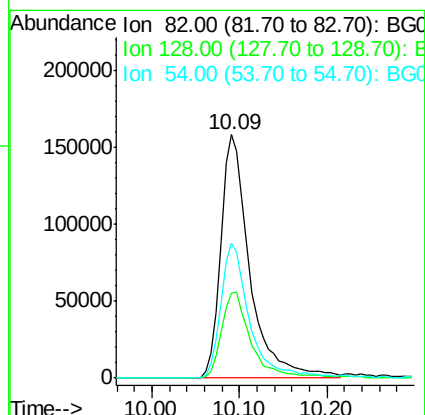
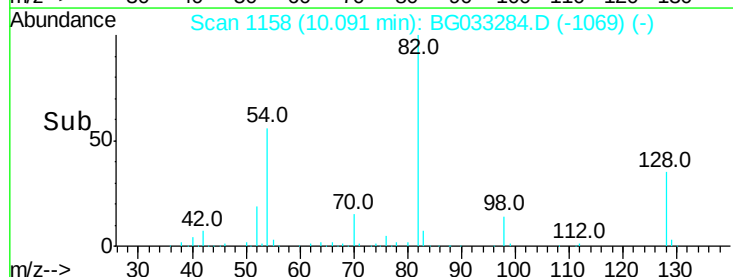
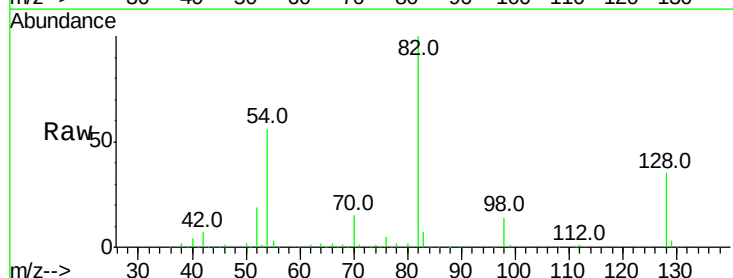
Instrument :
BNA_G
ClientSampleId :

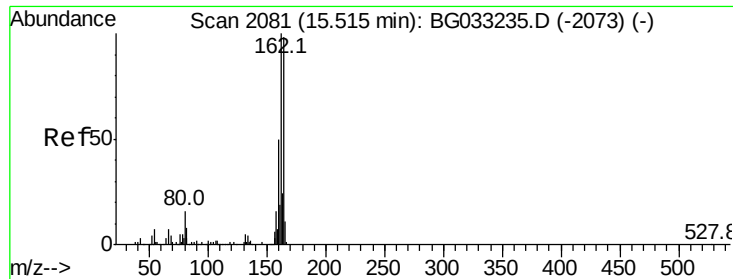
Tot Ion:	136	Resp:	162693
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	11.2	10.3	15.5
68	5.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 102.304 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Tgt Ion:	82	Resp:	362269
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	55.5	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

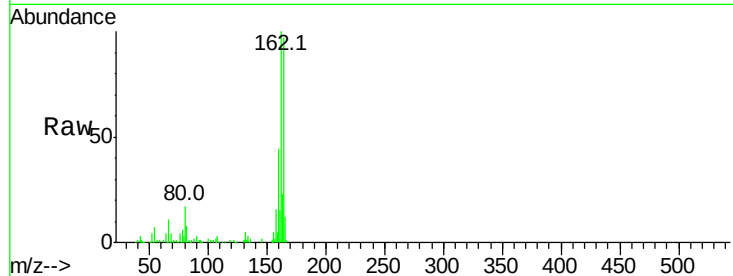
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 125906

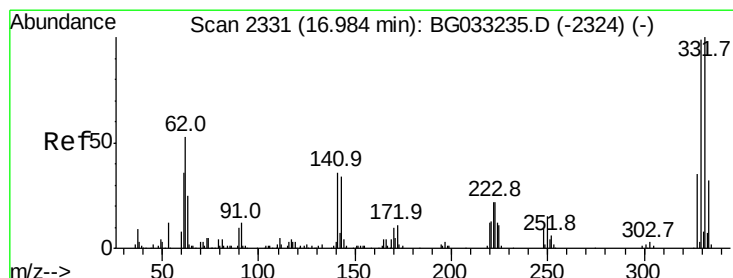
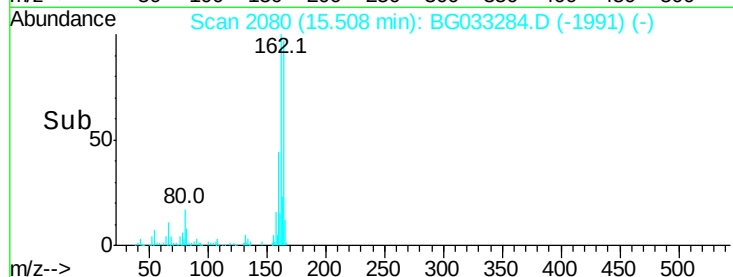
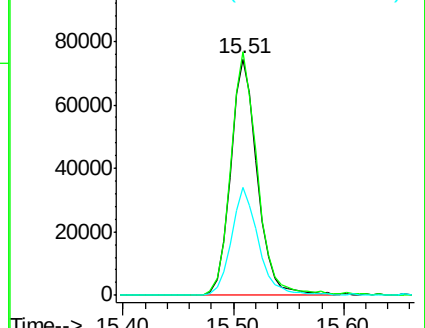
Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	45.7	35.4	53.0



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: 141.459 ng

RT: 16.98 min Scan# 2331

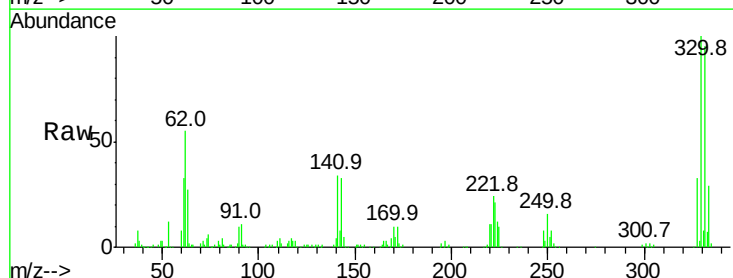
Delta R.T. -0.00 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

Tgt Ion:330 Resp: 266377

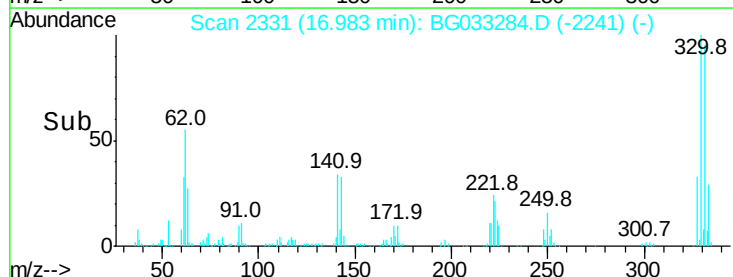
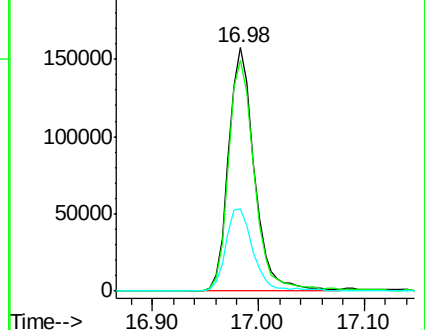
Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	36.5	25.2	37.8

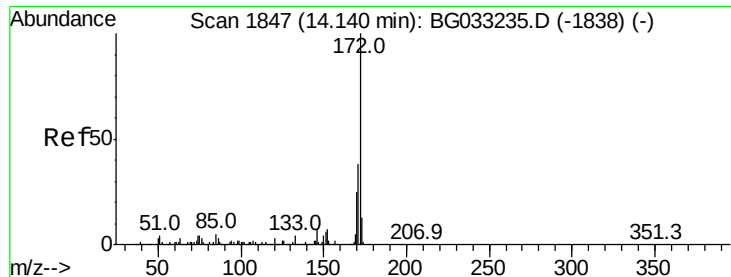


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

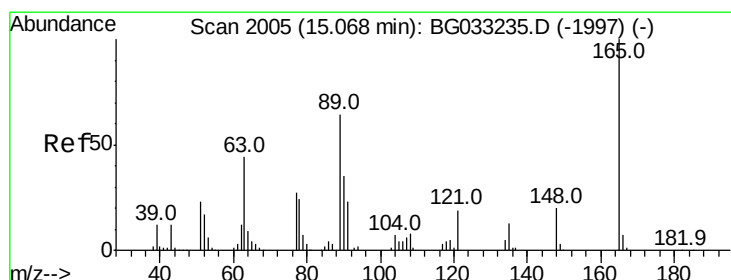
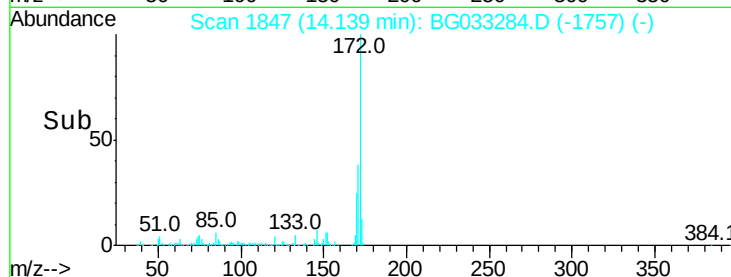
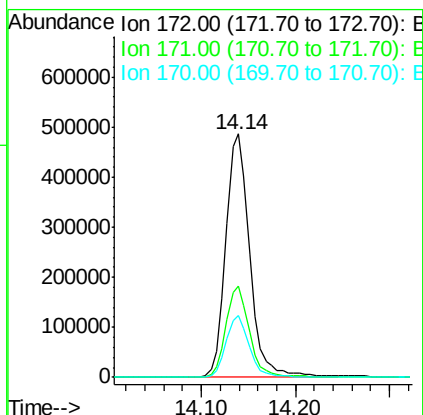
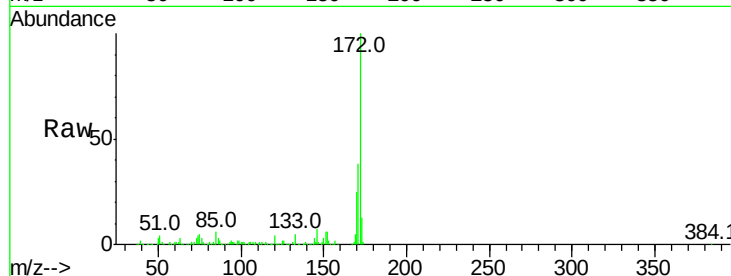




#44
2-Fluorobiphenyl
Concen: 98.758 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

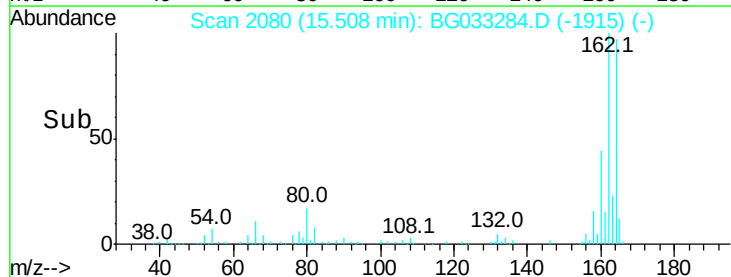
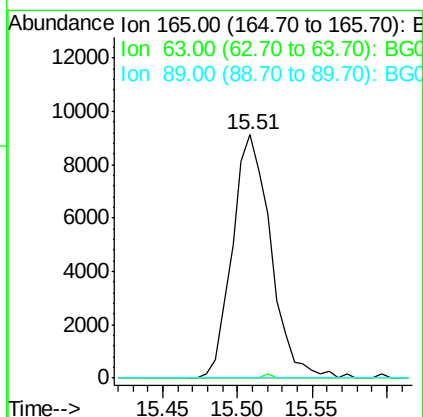
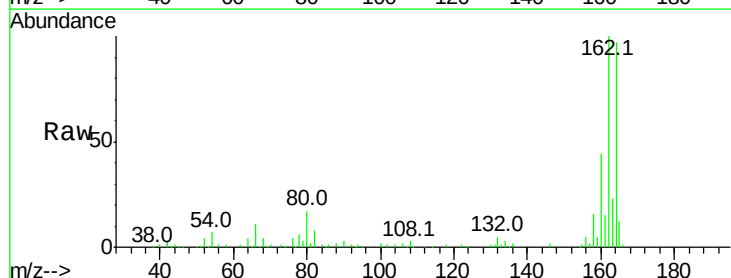
Instrument :
BNA_G
ClientSampleId :

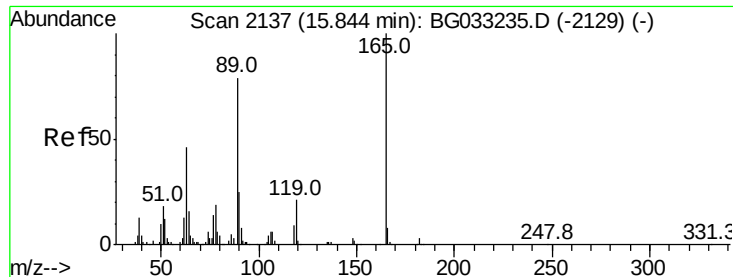
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.3	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 7.299 ng
RT: 15.51 min Scan# 2080
Delta R.T. 0.44 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

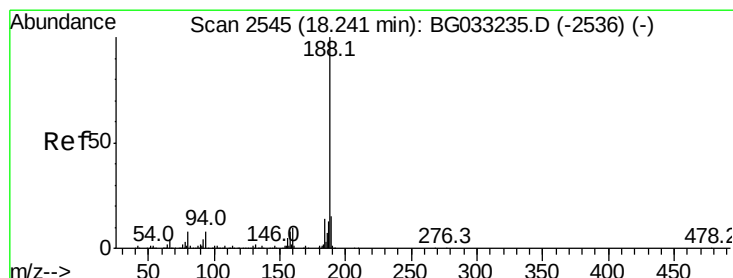
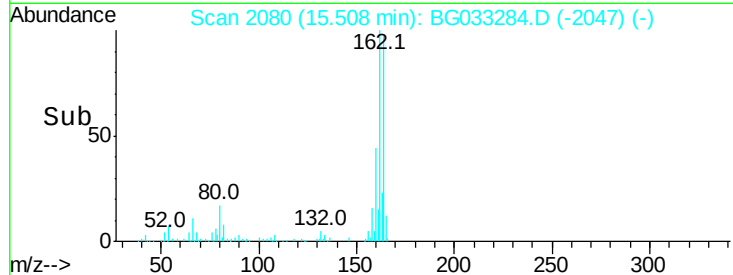
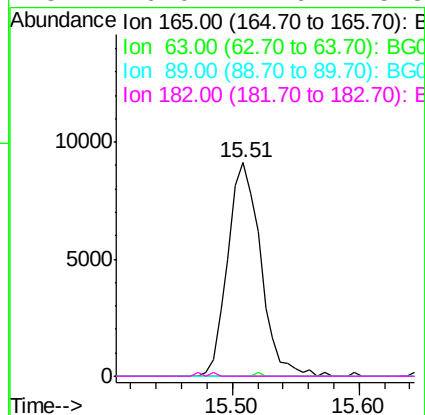
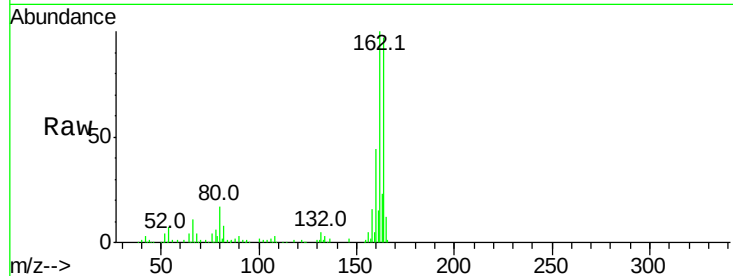




#56
2,4-Dinitrotoluene
Concen: 4.974 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.33 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

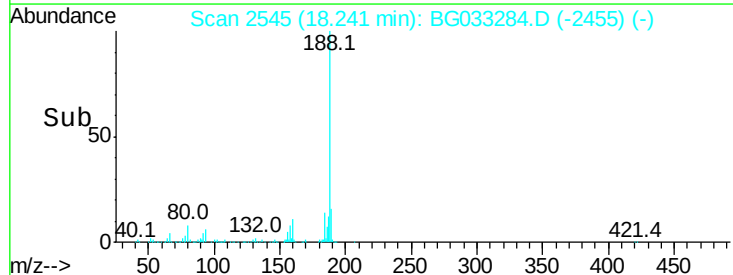
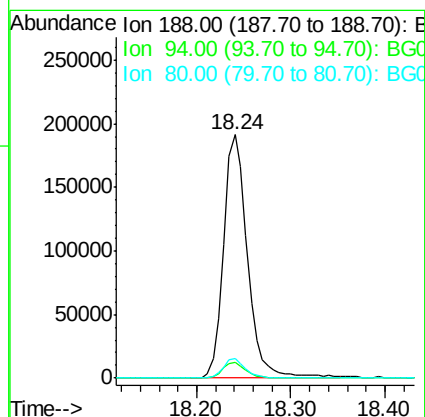
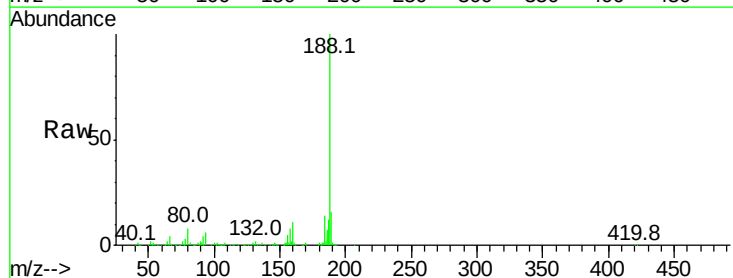
Instrument :
BNA_G
ClientSampleId :

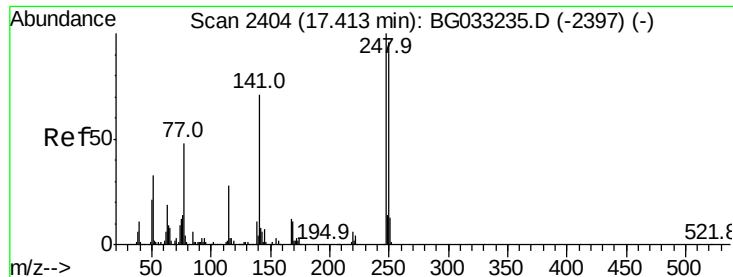
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	8.1	7.7	11.5

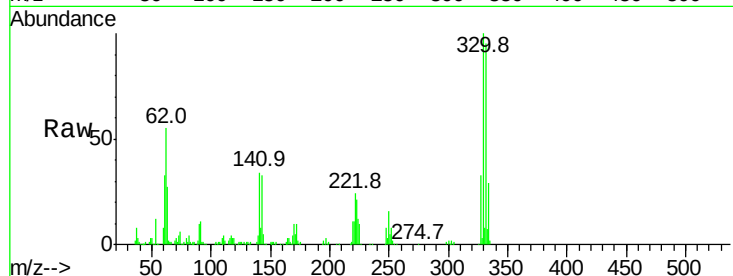




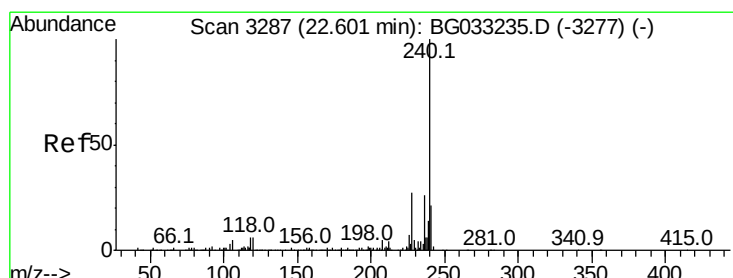
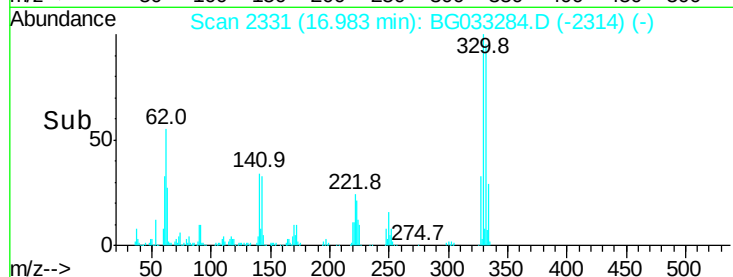
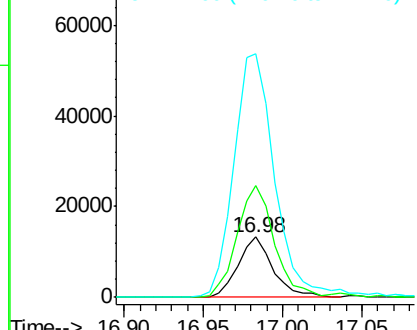
#66
4-Bromophenyl-phenylether
Concen: 5.071 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20203
Ion Ratio Lower Upper
248 100
250 187.2 77.1 115.7#
141 405.7 50.8 76.2#

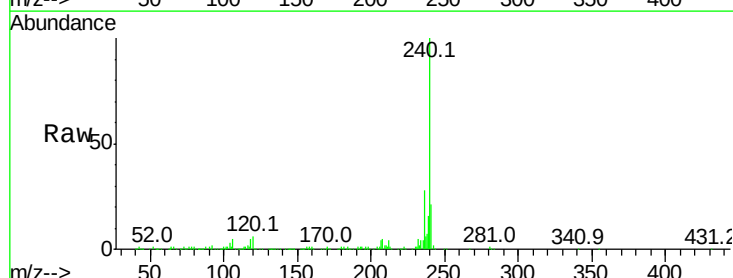


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

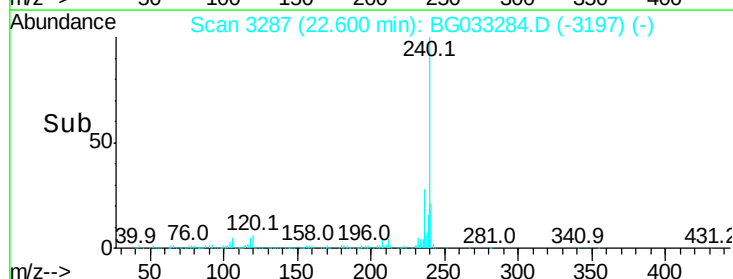
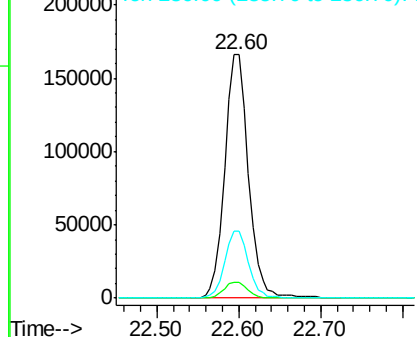


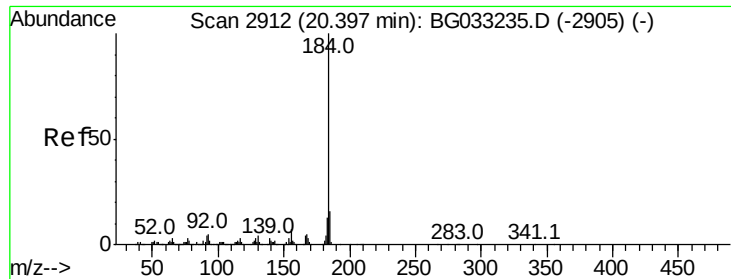
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Tgt Ion:240 Resp: 335531
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 27.5 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: 2.979 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

Instrument :

BNA_G

ClientSampled :

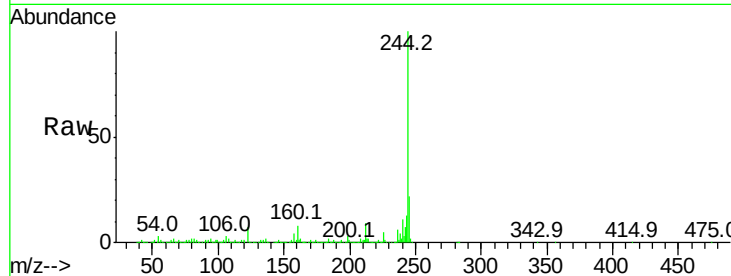
Tot Ion:184 Resp: 27103

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

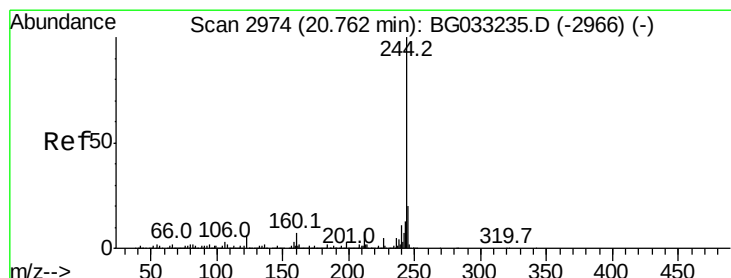
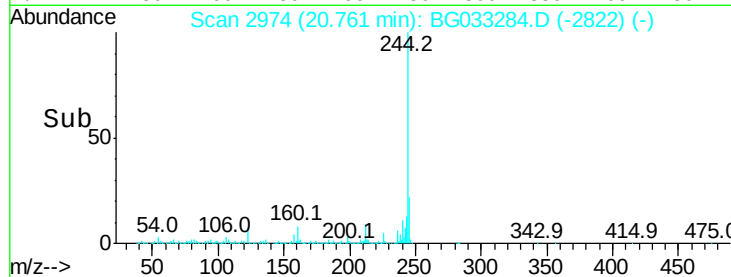
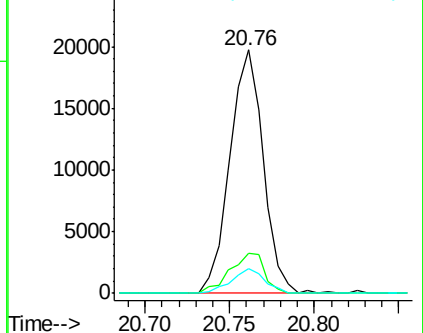
183 10.3 10.6 16.0#



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: 105.138 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

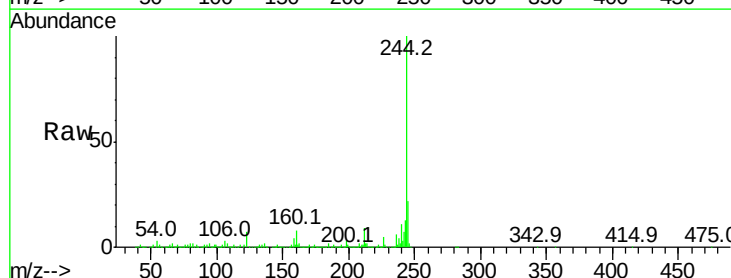
Tgt Ion:244 Resp: 1649537

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

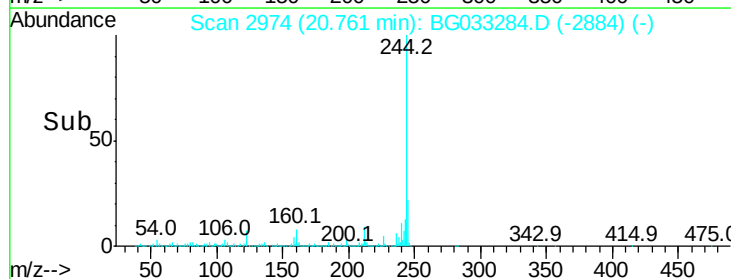
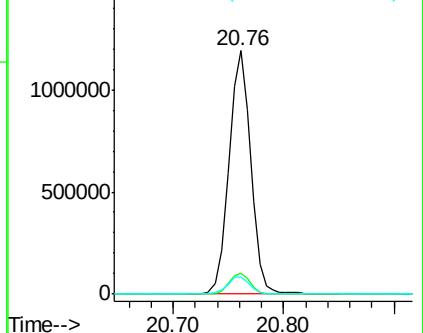
122 7.1 7.0 10.4

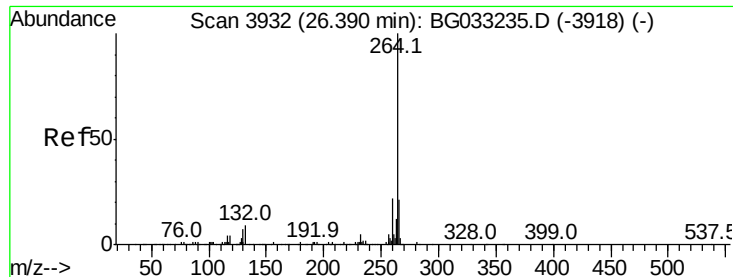


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

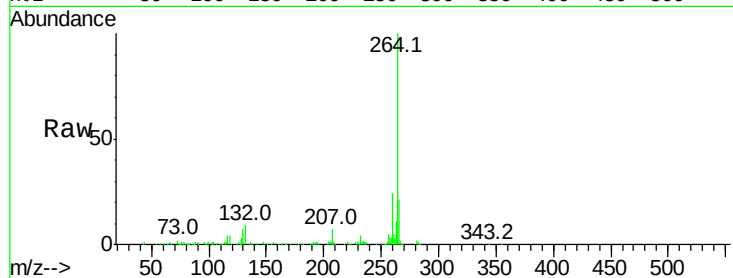




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.9	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

