

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033594.D
 Acq On : 5 Apr 2018 16:03
 Operator : SJ/JU
 Sample : J2184-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 17:37:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

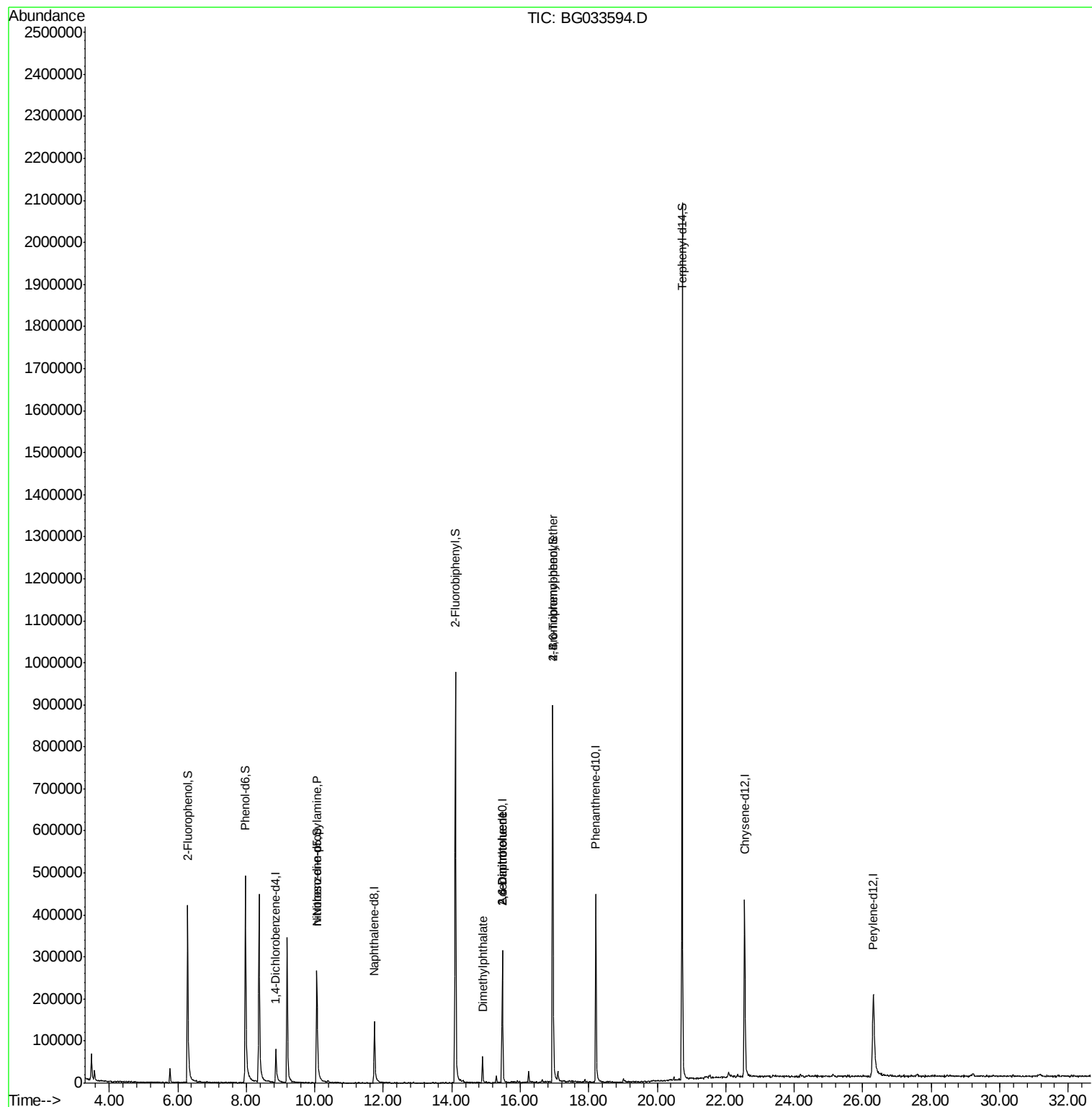
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31334	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	144200	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	123276	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	324552	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325906	20.00	ng	-0.01
86) Perylene-d12	26.31	264	319746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	221640	132.64	ng	0.00
7) Phenol-d6	7.97	99	367359	127.95	ng	0.00
23) Nitrobenzene-d5	10.06	82	232597	74.11	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	179789	97.51	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	583270	68.30	ng	0.00
78) Terphenyl-d14	20.73	244	1052750	69.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	31706	15.070	ng	# 73
49) Dimethylphthalate	14.90	163	43529	4.057	ng	# 97
50) 2,6-Dinitrotoluene	15.47	165	15091	6.879	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	15093	4.673	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	13271	3.482	ng	# 1

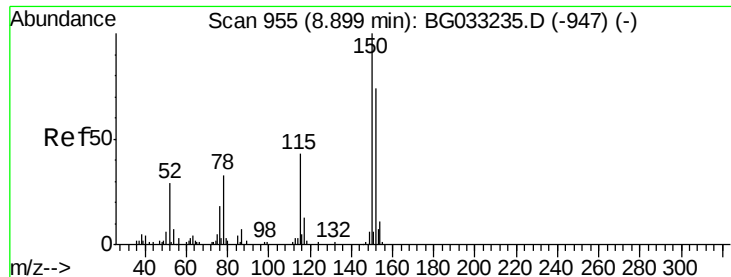
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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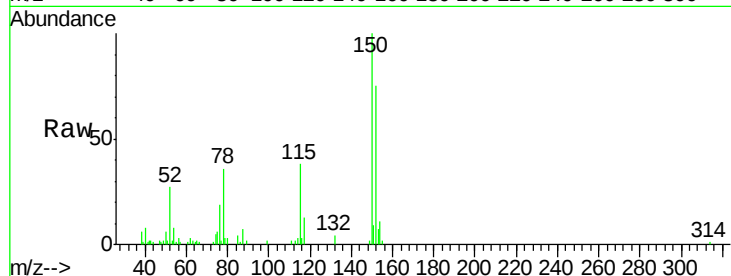


#1

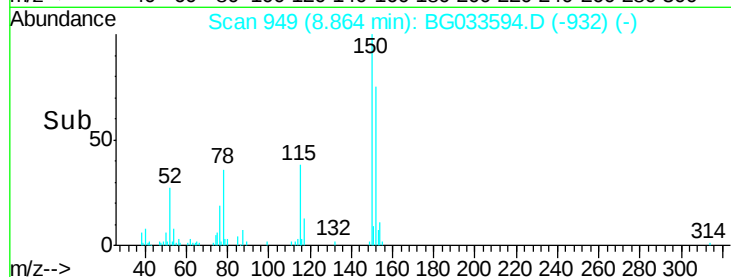
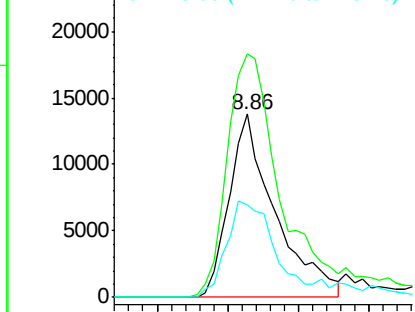
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033594.D
Acq: 5 Apr 2018 16:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31334
Ion Ratio Lower Upper
152 100
150 132.8 126.6 189.8
115 50.3 53.0 79.4#



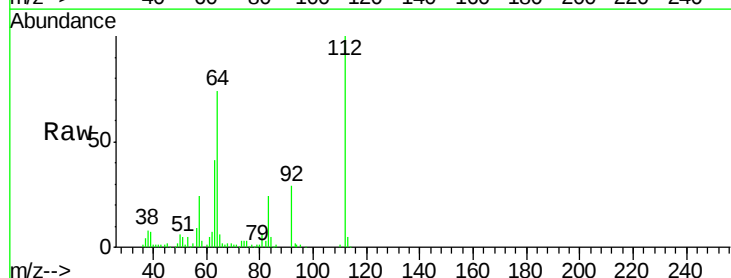
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



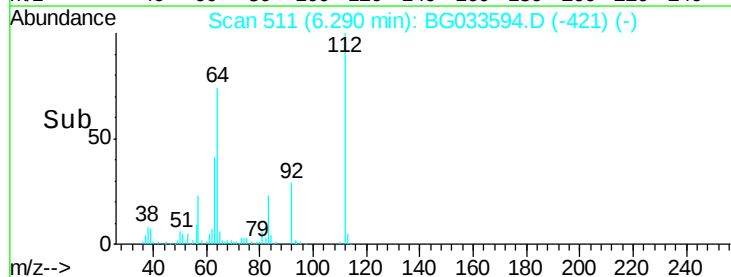
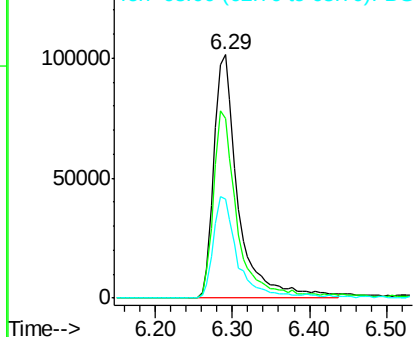
#5

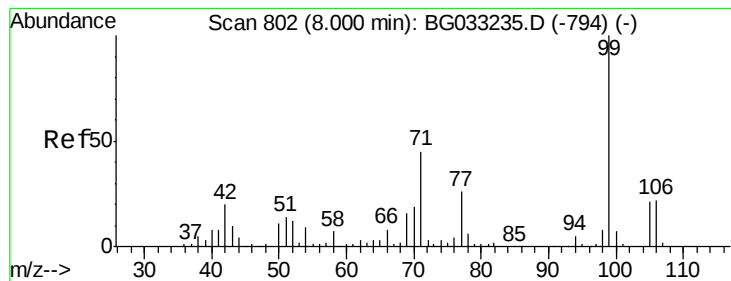
2-Fluorophenol
Concen: 132.636 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033594.D
Acq: 5 Apr 2018 16:03

Tgt Ion:112 Resp: 221640
Ion Ratio Lower Upper
112 100
64 73.8 56.3 84.5
63 40.6 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: 127.947 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033594.D

Acq: 5 Apr 2018 16:03

Instrument :

BNA_G

ClientSampleId :

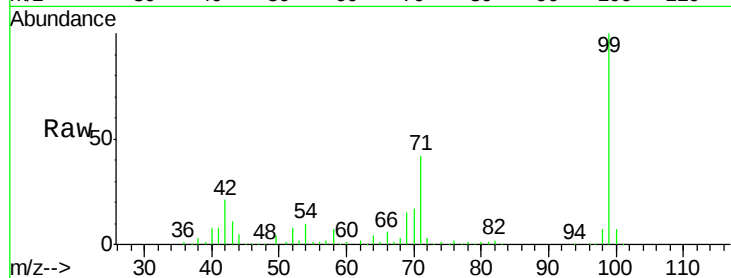
Tot Ion: 99 Resp: 367359

Ion Ratio Lower Upper

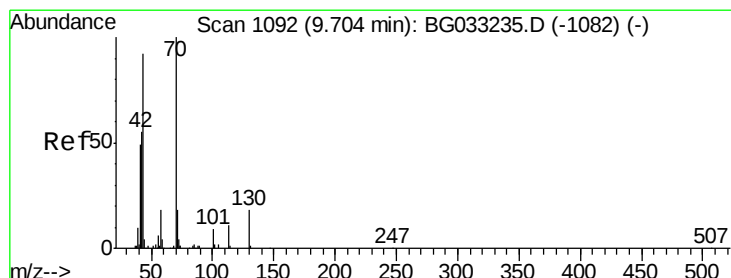
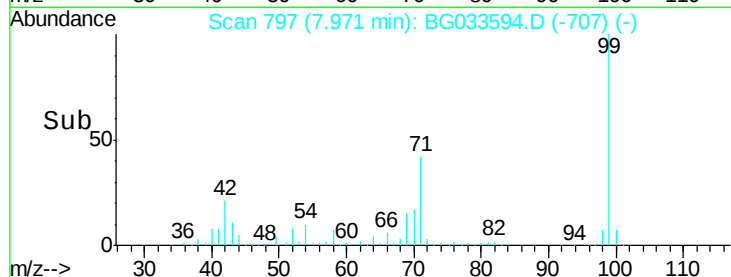
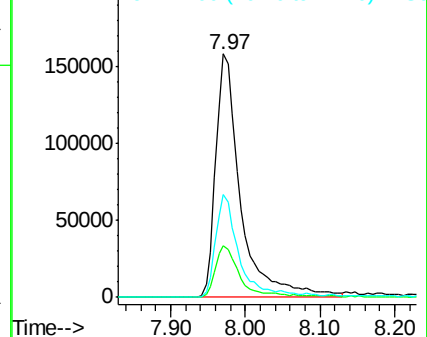
99 100

42 21.1 14.1 21.1#

71 42.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.070 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.40 min

Lab File: BG033594.D

Acq: 5 Apr 2018 16:03

Tgt Ion: 70 Resp: 31706

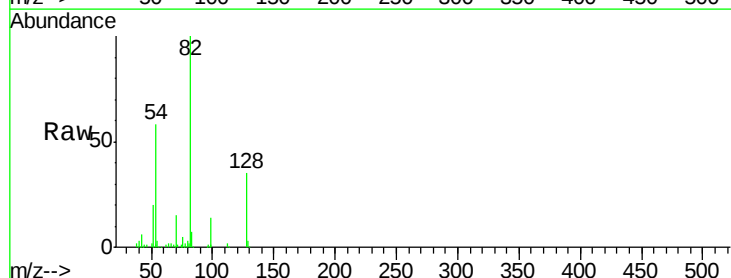
Ion Ratio Lower Upper

70 100

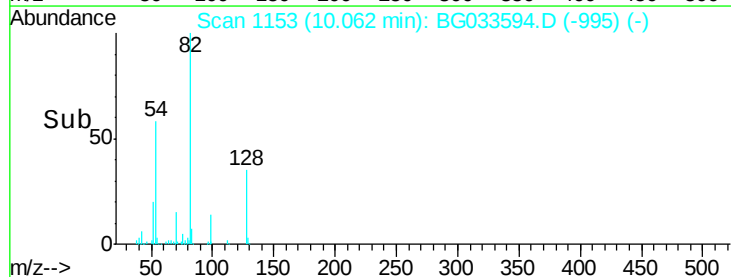
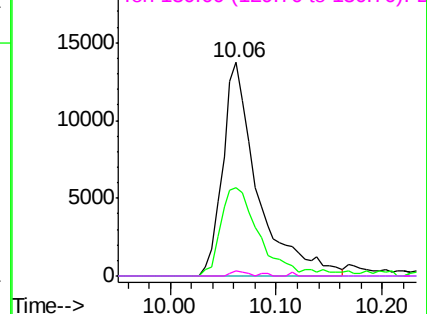
42 41.6 49.1 73.7#

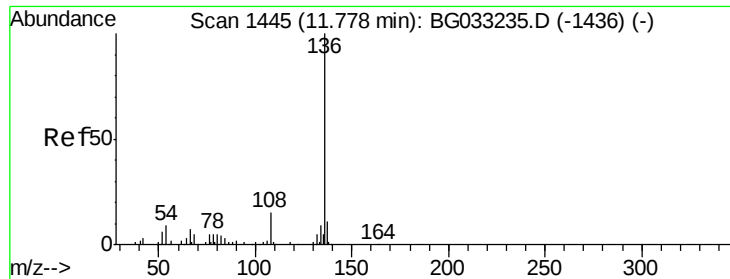
101 0.0 8.5 12.7#

130 2.7 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

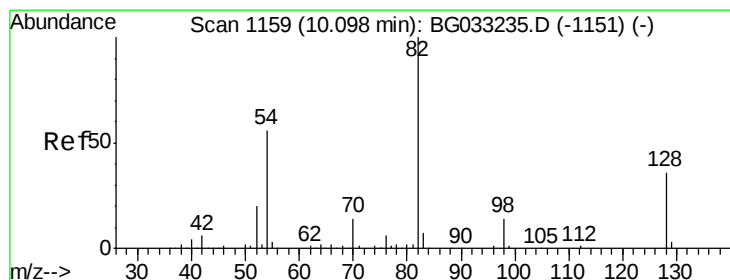
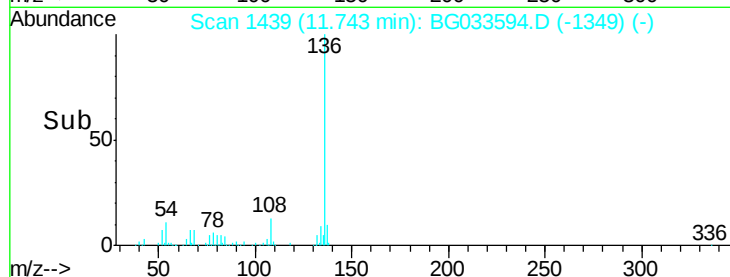
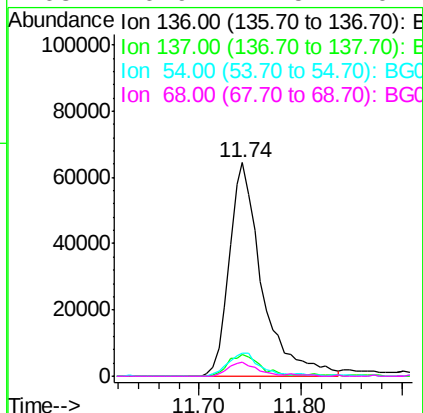
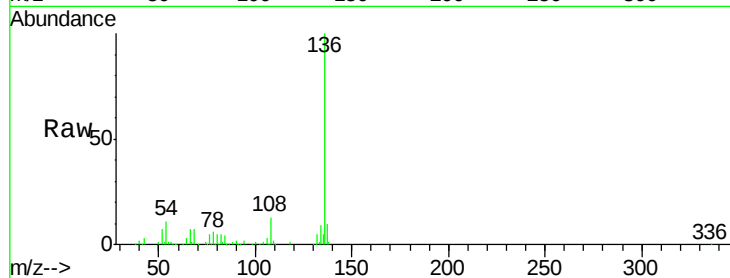




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033594.D
Acq: 5 Apr 2018 16:03

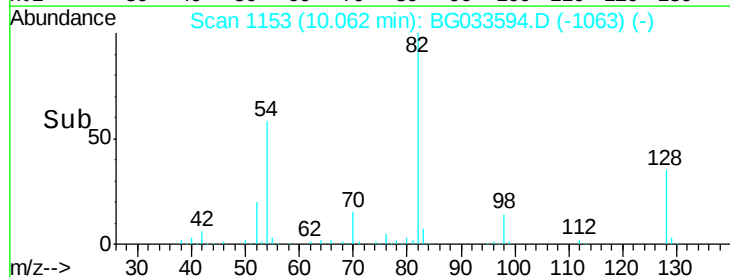
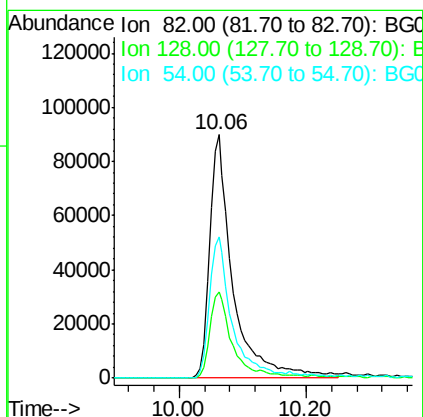
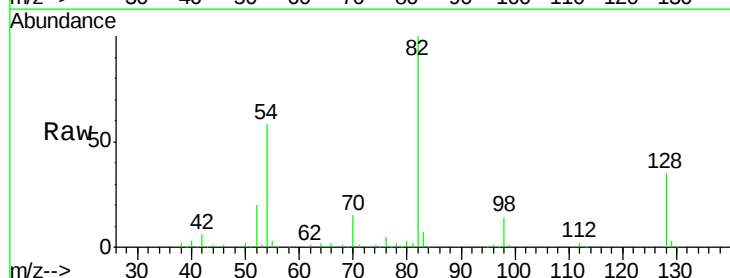
Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	144200
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	10.8	10.3	15.5
68	6.9	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 74.109 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033594.D
Acq: 5 Apr 2018 16:03

Tgt Ion:	82	Resp:	232597
Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	57.8	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG033594.D

Acq: 5 Apr 2018 16:03

Instrument :

BNA_G

ClientSampleId :

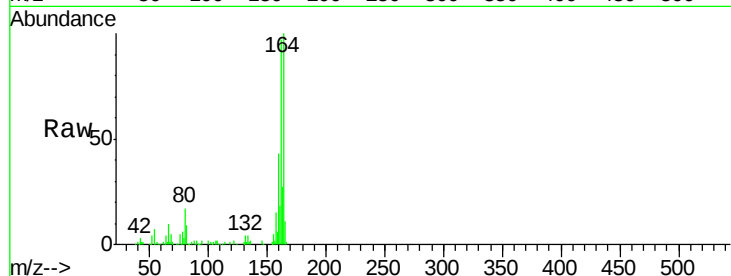
Tot Ion:164 Resp: 123276

Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

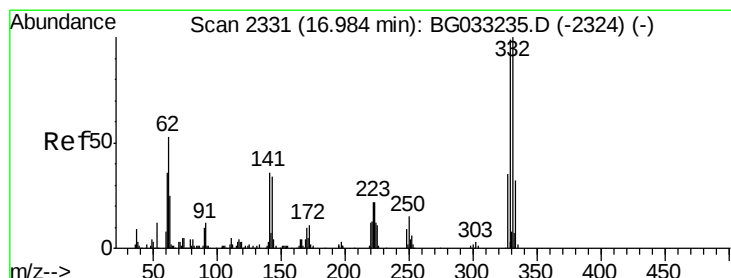
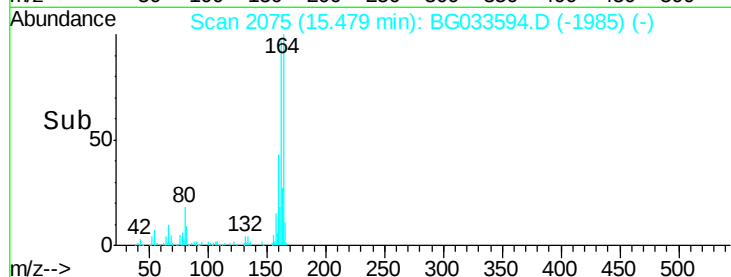
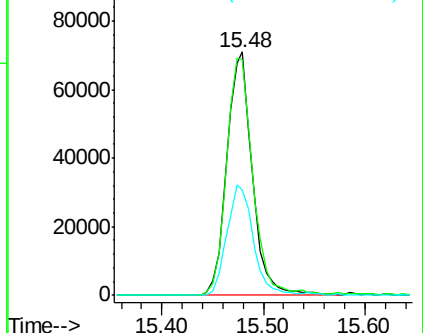
160 43.2 35.4 53.0



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: 97.513 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033594.D

Acq: 5 Apr 2018 16:03

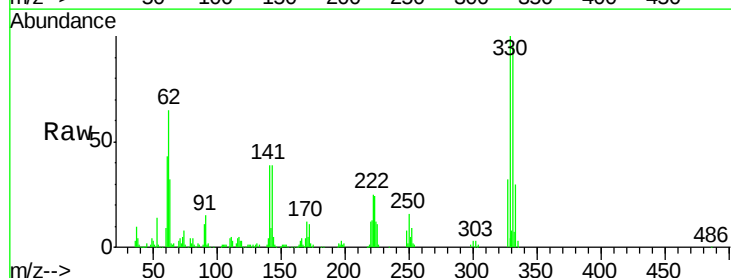
Tgt Ion:330 Resp: 179789

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

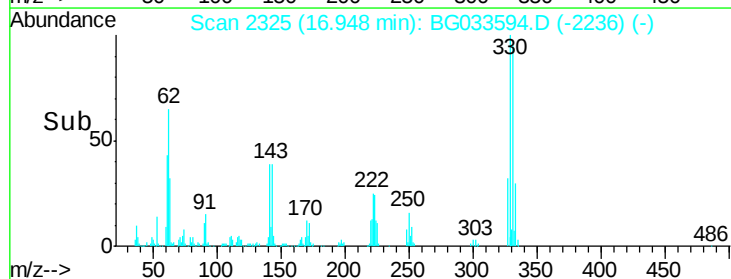
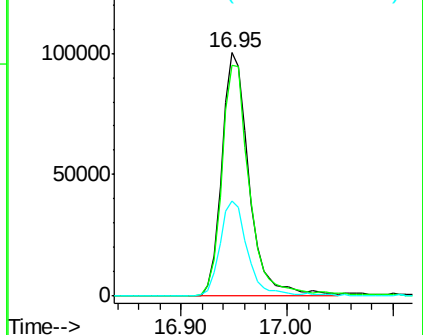
141 39.2 25.2 37.8#

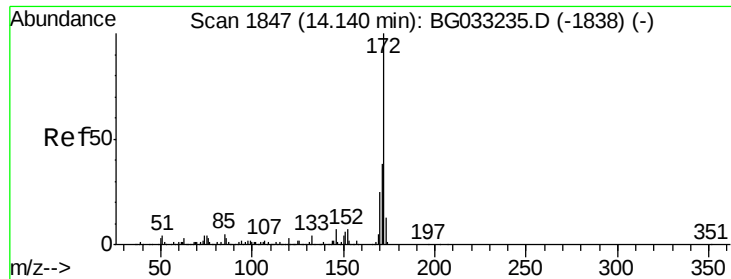


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

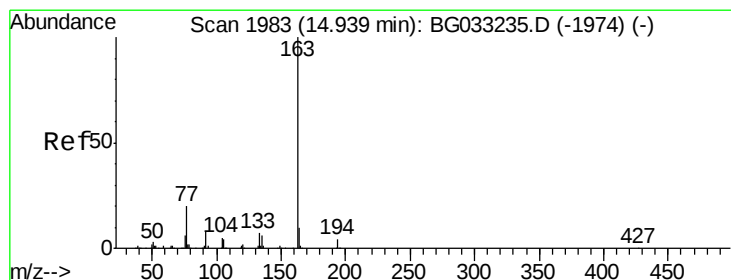
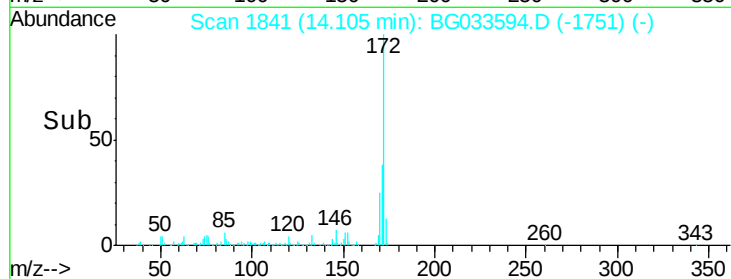
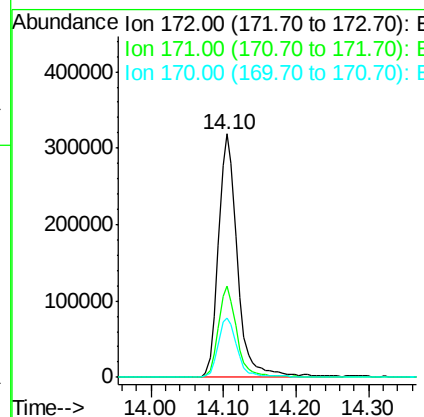
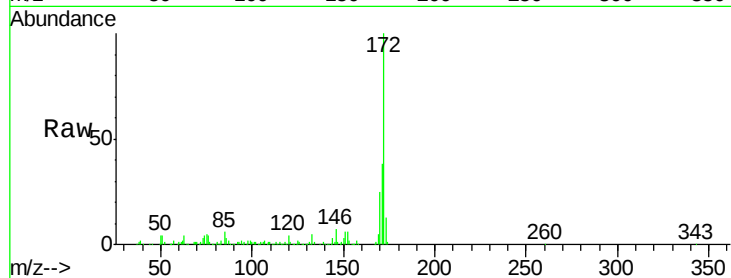




#44
2-Fluorobiphenyl
Concen: 68.304 ng
RT: 14.10 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG033594.D
Acq: 5 Apr 2018 16:03

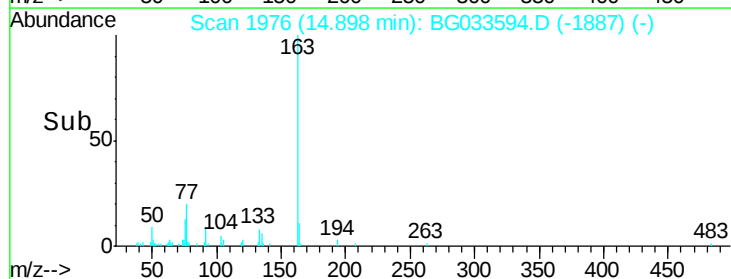
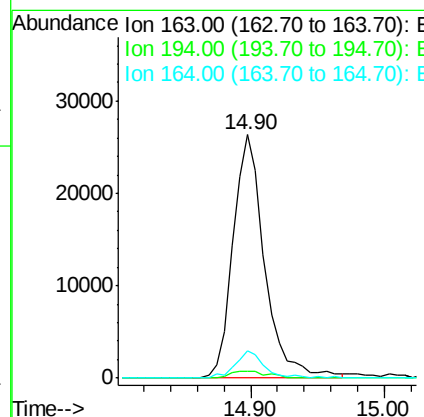
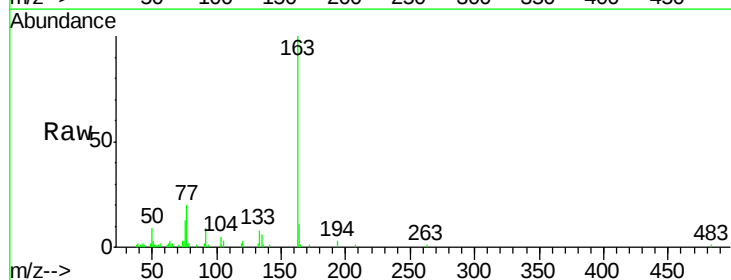
Instrument :
BNA_G
ClientSampleId :

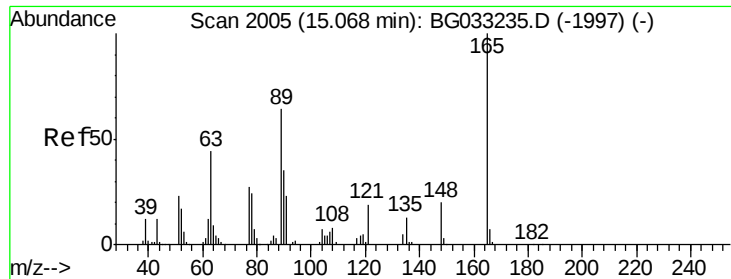
Tot Ion:172 Resp: 583270
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 24.5 19.5 29.3



#49
Dimethylphthalate
Concen: 4.057 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033594.D
Acq: 5 Apr 2018 16:03

Tgt Ion:163 Resp: 43529
Ion Ratio Lower Upper
163 100
194 3.0 3.4 5.2#
164 11.0 8.2 12.4

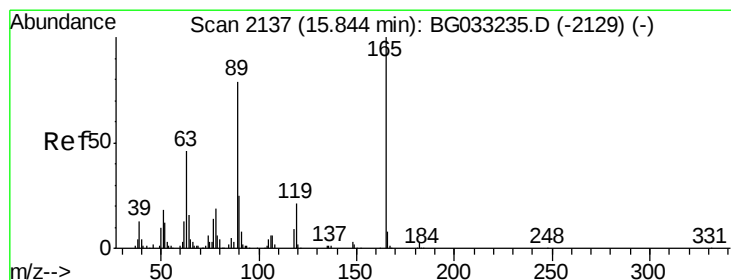
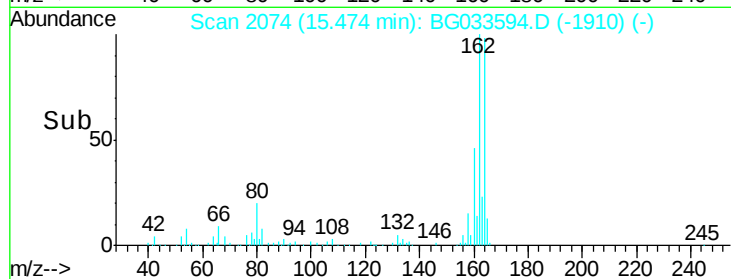
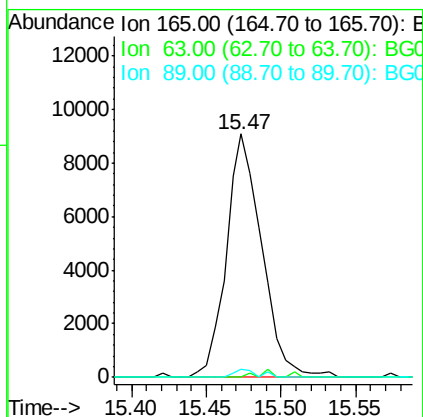
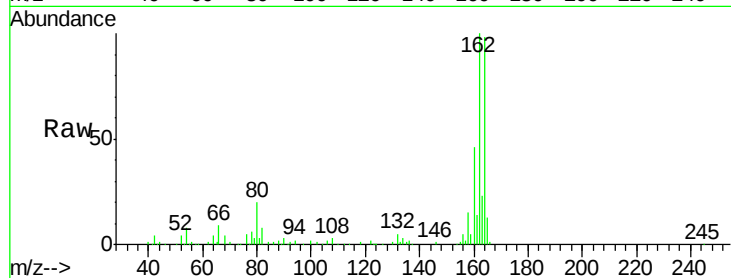




#50
 2,6-Dinitrotoluene
 Concen: 6.879 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033594.D
 Acq: 5 Apr 2018 16:03

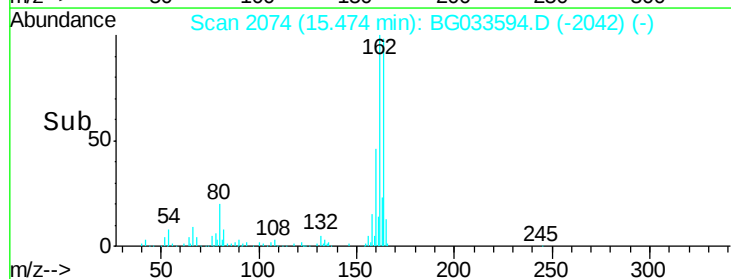
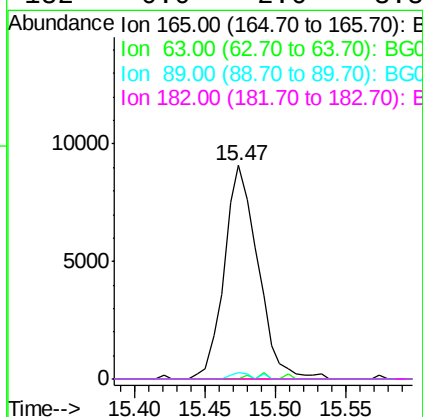
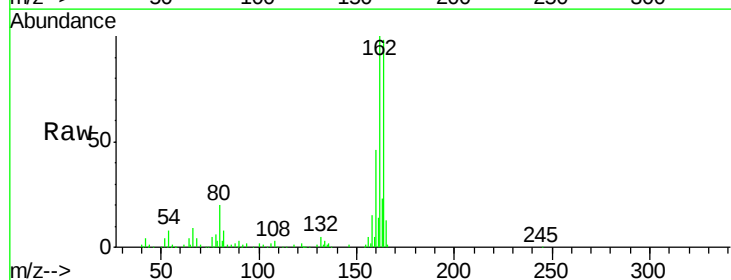
Instrument :
 BNA_G
 ClientSampleId :

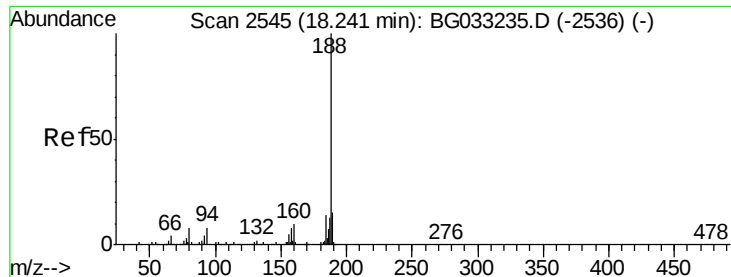
Tot Ion:165 Resp: 15091
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.3 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.673 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033594.D
 Acq: 5 Apr 2018 16:03

Tgt Ion:165 Resp: 15093
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.3 66.9 100.3#
 182 0.0 2.6 3.8#

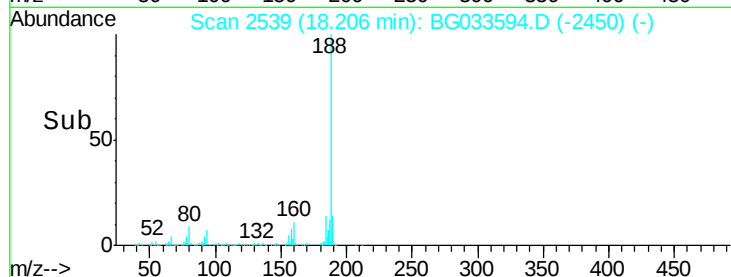
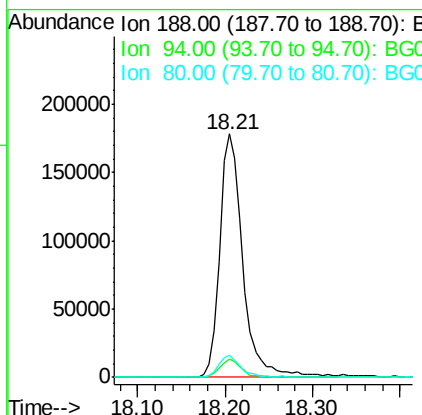
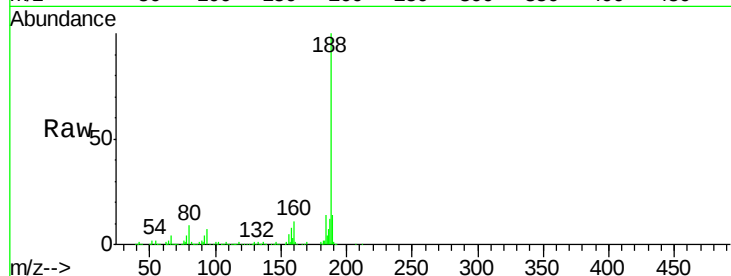




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033594.D
 Acq: 5 Apr 2018 16:03

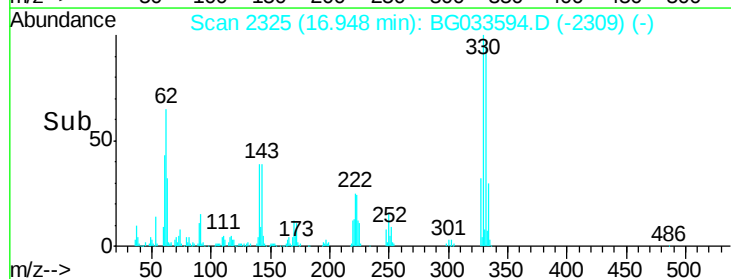
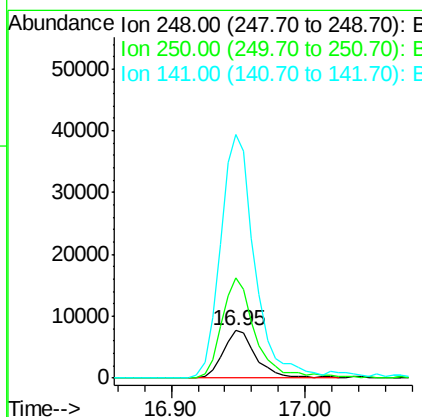
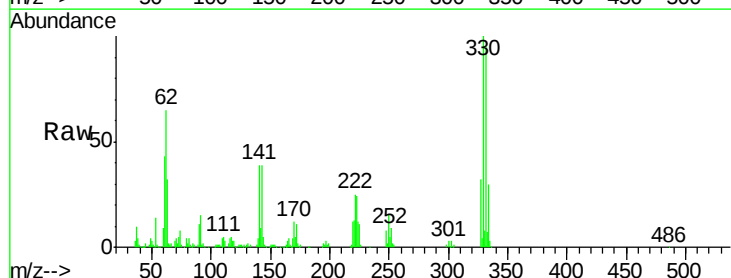
Instrument :
 BNA_G
 ClientSampleId :

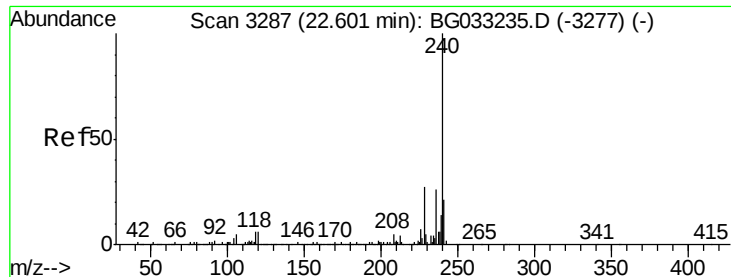
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.1	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.482 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033594.D
 Acq: 5 Apr 2018 16:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	159.6	77.1	115.7#
141	389.3	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033594.D

Acq: 5 Apr 2018 16:03

Instrument :

BNA_G

ClientSampleId :

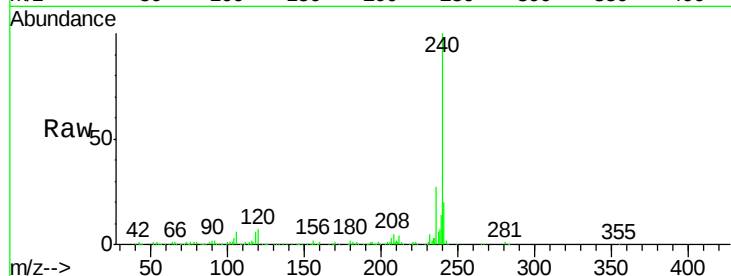
Tot Ion:240 Resp: 325906

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

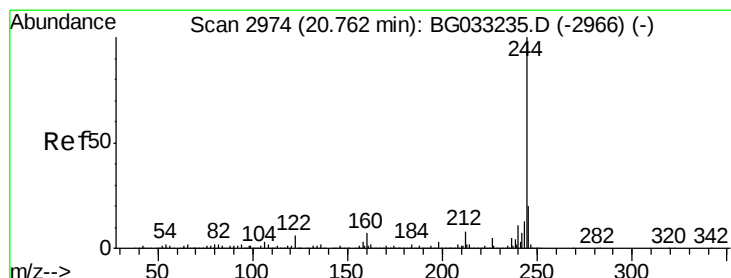
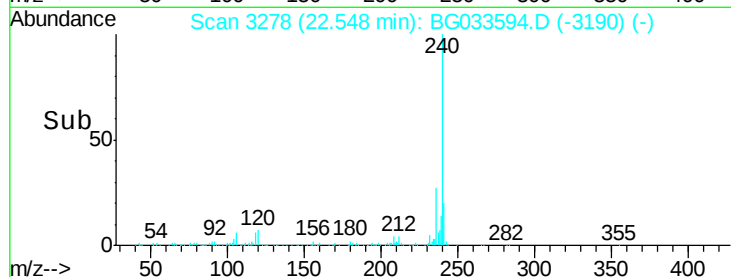
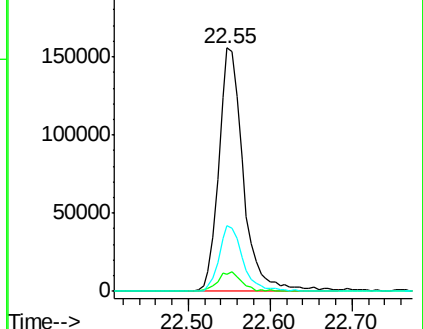
236 26.9 20.9 31.3



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: 69.082 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033594.D

Acq: 5 Apr 2018 16:03

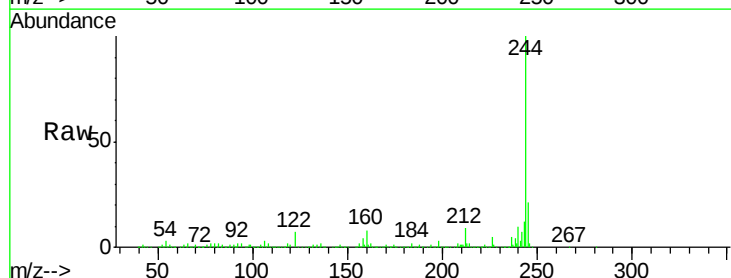
Tgt Ion:244 Resp: 1052750

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

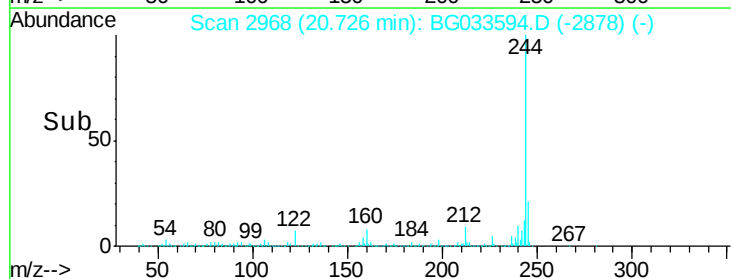
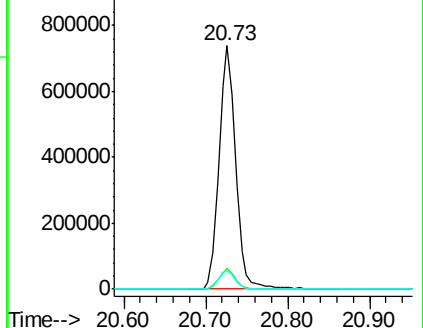
122 7.5 7.0 10.4

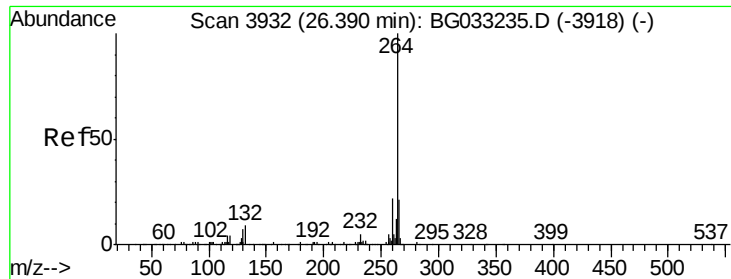


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

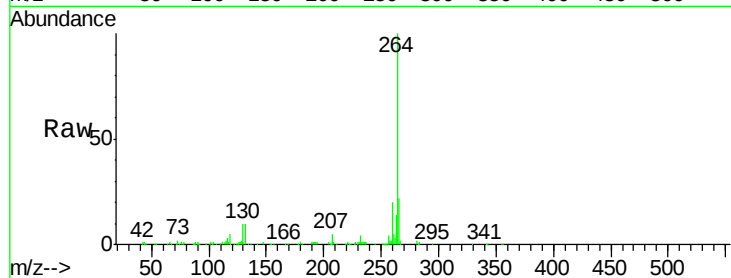




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033594.D
Acq: 5 Apr 2018 16:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.1	17.4	26.0
265	22.4	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

