

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033267.D
 Acq On : 20 Mar 2018 14:48
 Operator : SJ/JU
 Sample : J1983-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 20 16:34:11 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

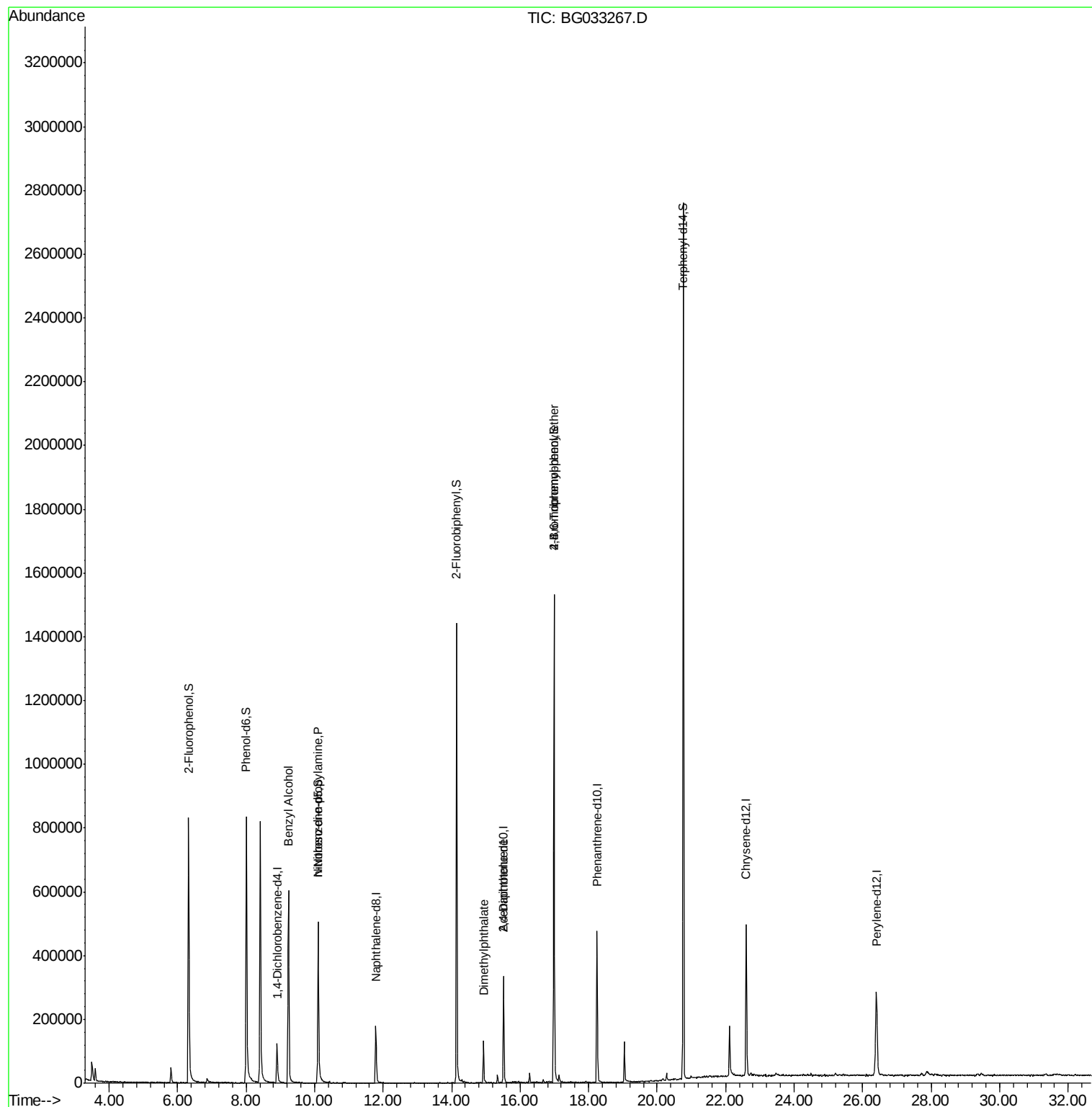
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	40791	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	172721	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	130155	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	343794	20.00	ng	0.00
75) Chrysene-d12	22.60	240	347521	20.00	ng	0.00
86) Perylene-d12	26.40	264	360872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	396800	182.40	ng	0.00
7) Phenol-d6	8.00	99	592887	158.62	ng	0.00
23) Nitrobenzene-d5	10.10	82	369730	98.35	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	299411	153.81	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	816924	90.61	ng	0.00
78) Terphenyl-d14	20.76	244	1382742	85.09	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	6624	2.251	ng	# 51
19) n-Nitroso-di-n-propylamine	10.10	70	50044	18.272	ng	# 76
49) Dimethylphthalate	14.94	163	95031	8.390	ng	# 99
56) 2,4-Dinitrotoluene	15.52	165	15900	4.663	ng	# 16
66) 4-Bromophenyl-phenylether	16.99	248	22053	5.462	ng	# 1

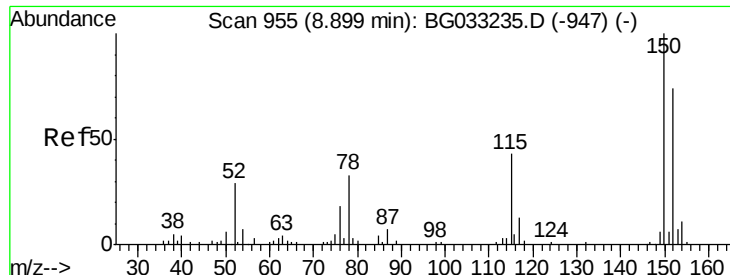
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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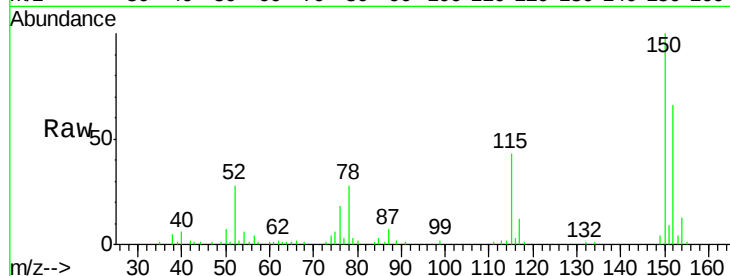


#1

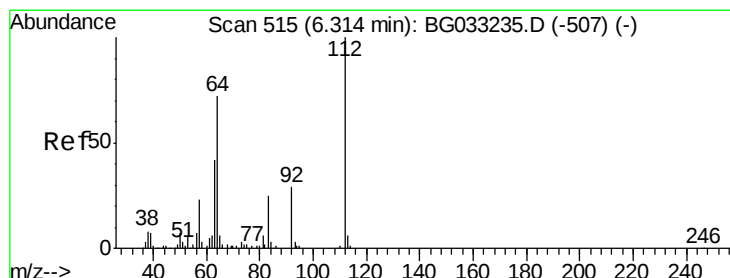
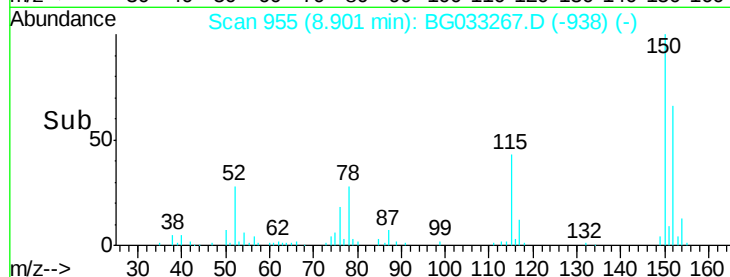
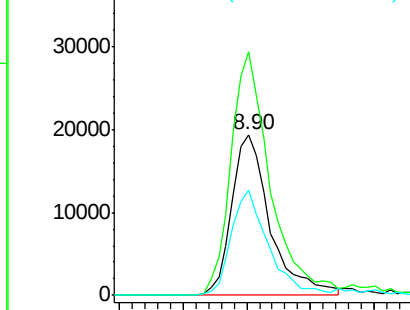
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	65.2	53.0	79.4



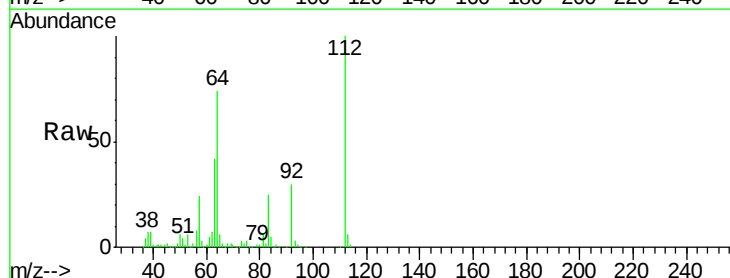
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



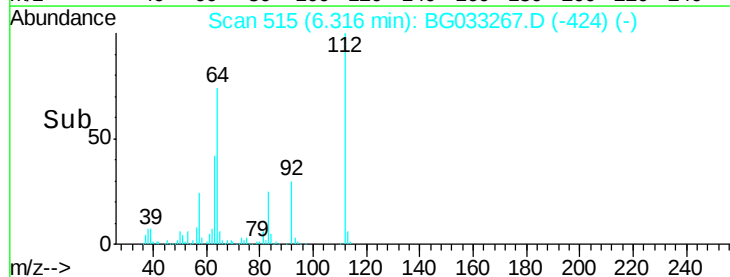
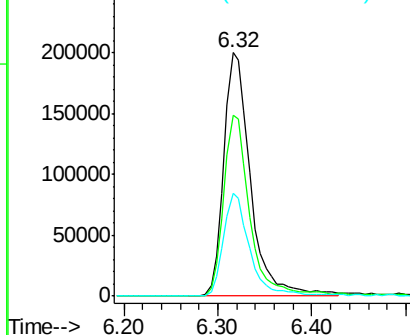
#5

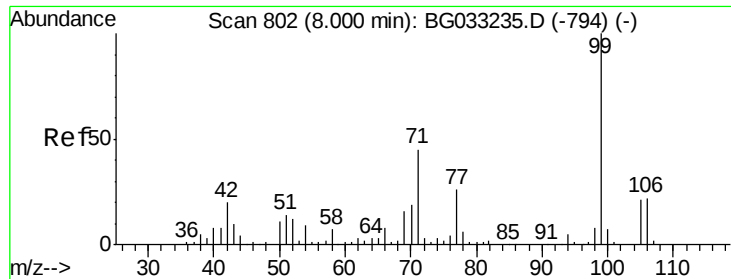
2-Fluorophenol
Concen: 182.405 ng
RT: 6.32 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	56.3	84.5
63	42.4	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: 158.621 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

Instrument :

BNA_G

ClientSampleId :

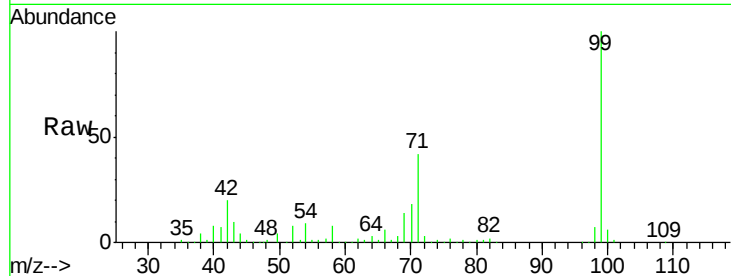
Tot Ion: 99 Resp: 592887

Ion Ratio Lower Upper

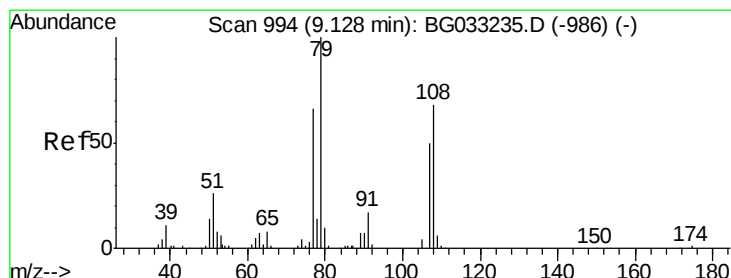
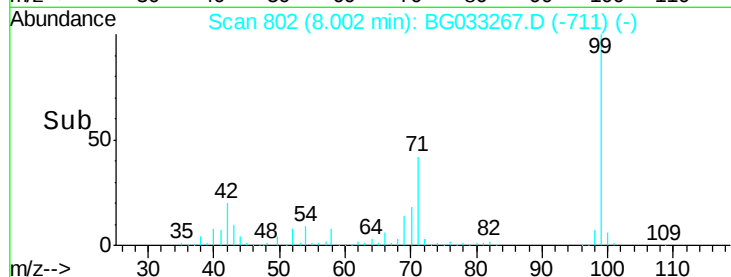
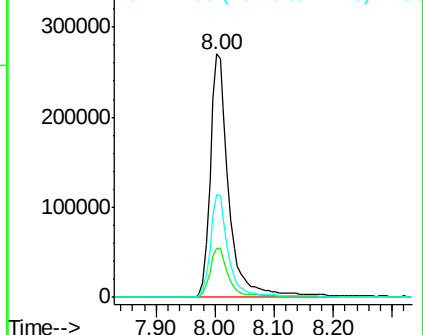
99 100

42 20.4 14.1 21.1

71 42.1 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: 2.251 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.10 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

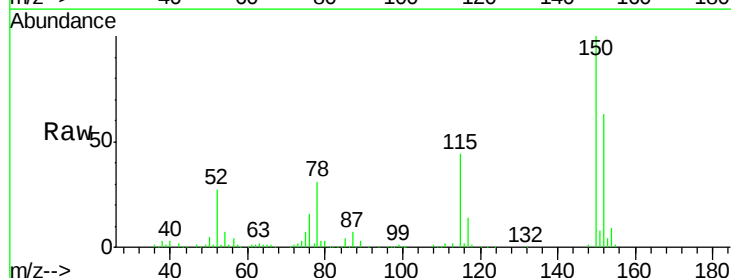
Tgt Ion: 79 Resp: 6624

Ion Ratio Lower Upper

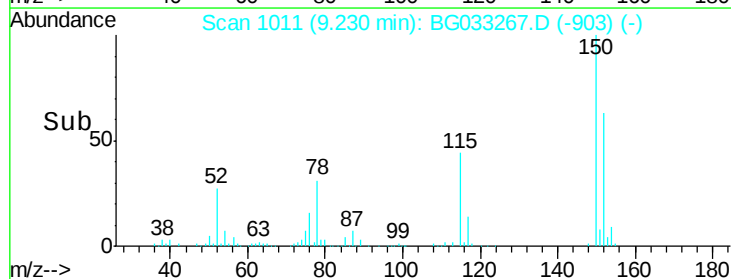
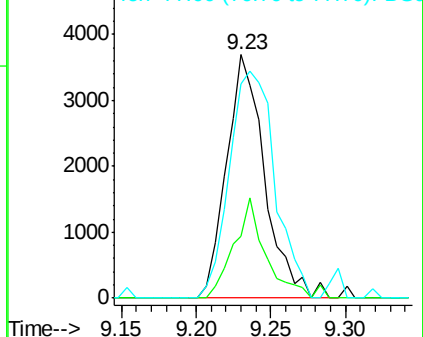
79 100

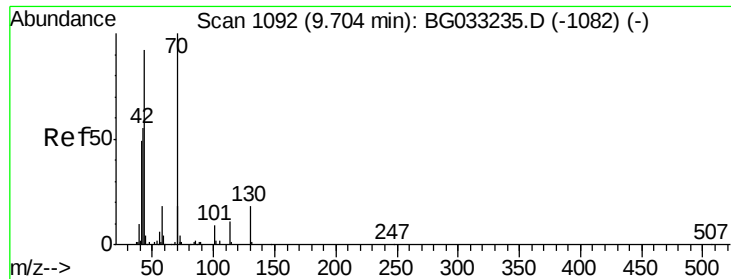
108 25.4 57.2 85.8#

77 88.0 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

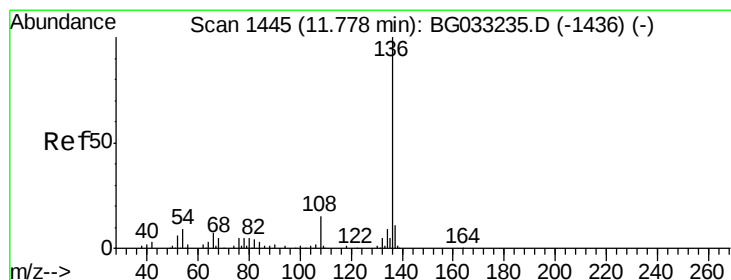
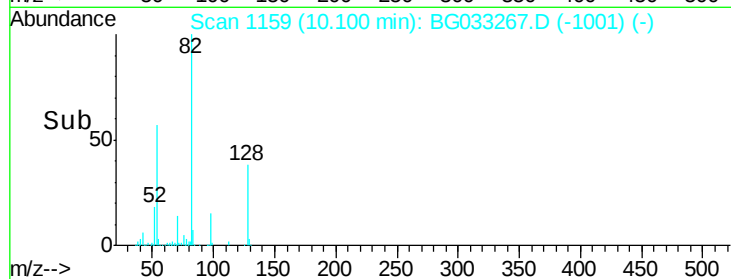
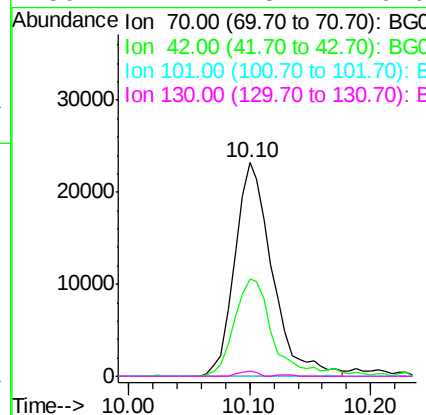
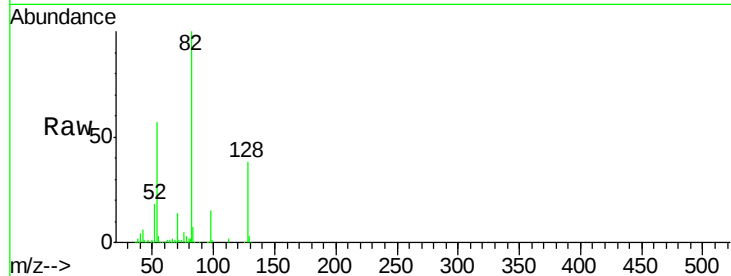




#19
n-Nitroso-di-n-propylamine
Concen: 18.272 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.40 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

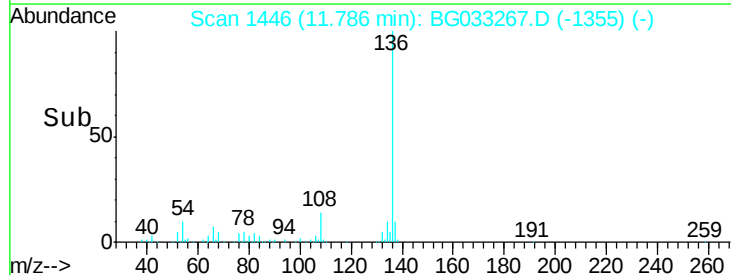
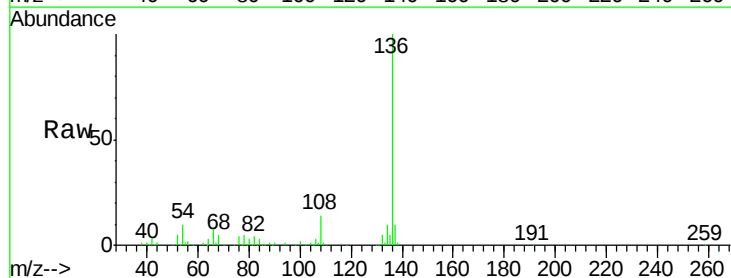
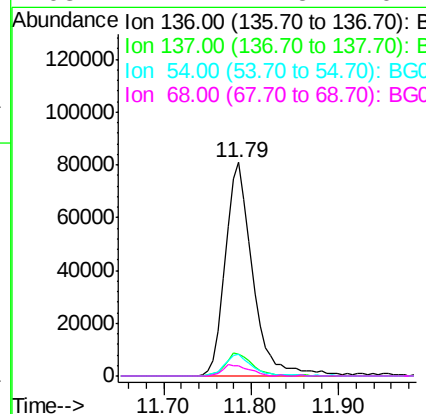
Instrument :
BNA_G
ClientSampleId :

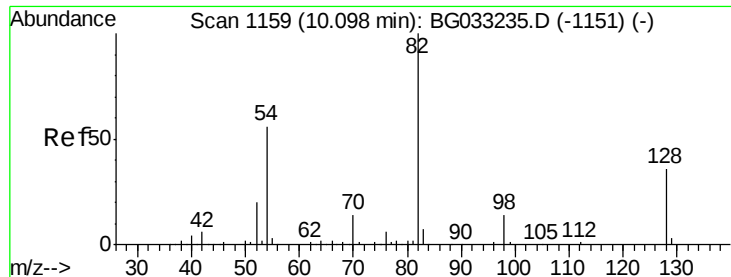
Tot Ion: 70 Resp: 50044
Ion Ratio Lower Upper
70 100
42 45.3 49.1 73.7#
101 0.0 8.5 12.7#
130 2.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

Tgt Ion: 136 Resp: 172721
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 9.9 10.3 15.5#
68 4.7 4.5 6.7

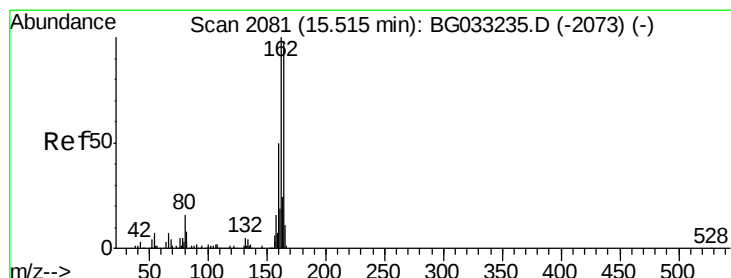
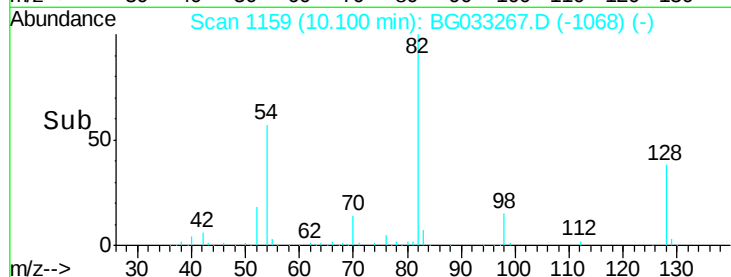
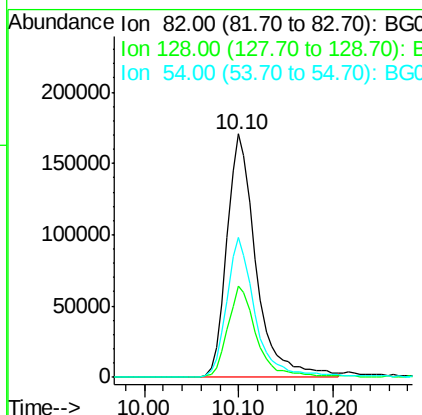
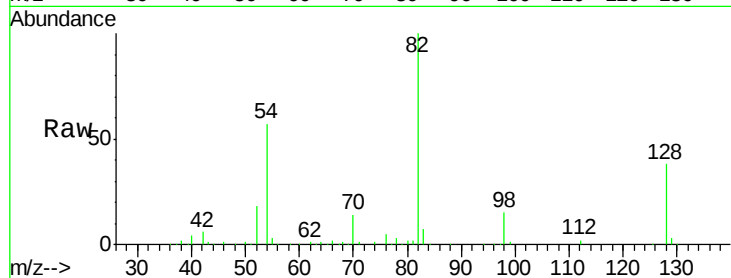




#23
 Nitrobenzene-d5
 Concen: 98.349 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BG033267.D
 Acq: 20 Mar 2018 14:48

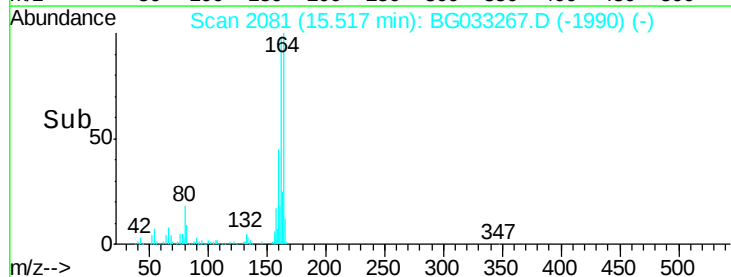
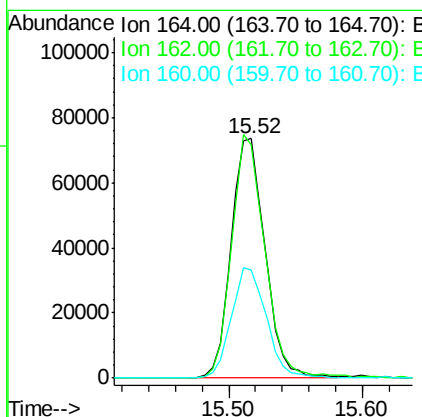
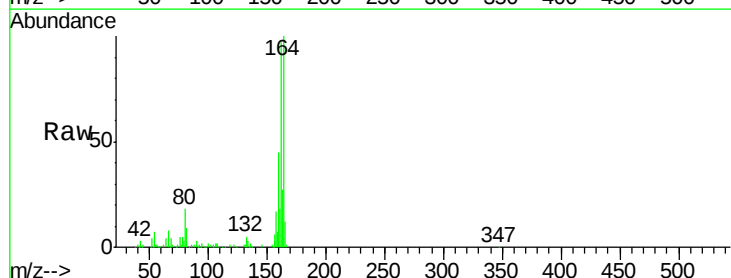
Instrument :
 BNA_G
 ClientSampleId :

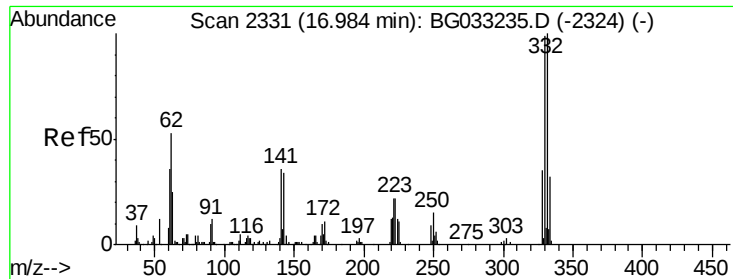
Tot Ion: 82 Resp: 369730
 Ion Ratio Lower Upper
 82 100
 128 37.6 29.7 44.5
 54 57.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG033267.D
 Acq: 20 Mar 2018 14:48

Tgt Ion:164 Resp: 130155
 Ion Ratio Lower Upper
 164 100
 162 97.4 78.8 118.2
 160 45.3 35.4 53.0

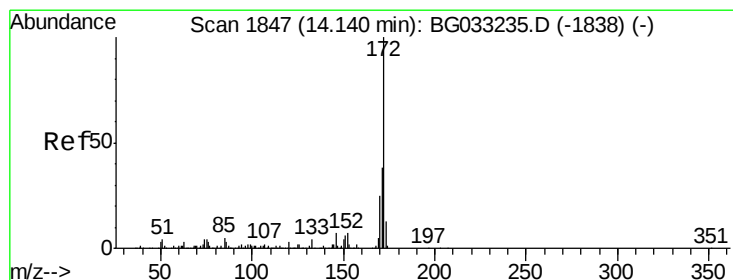
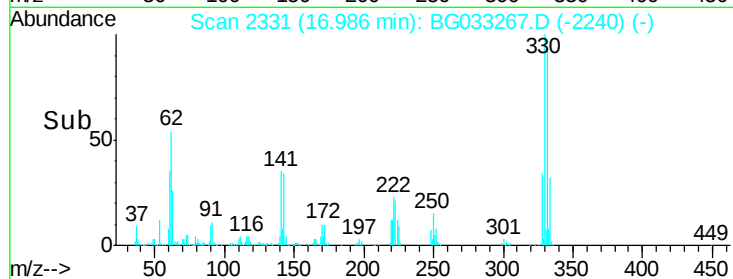
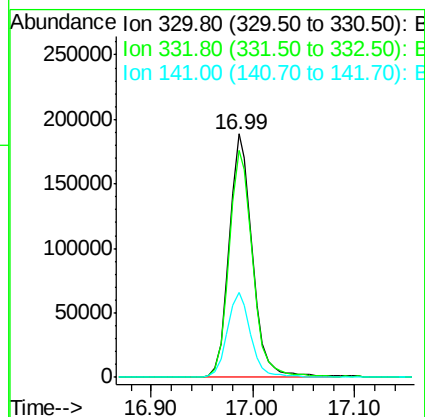
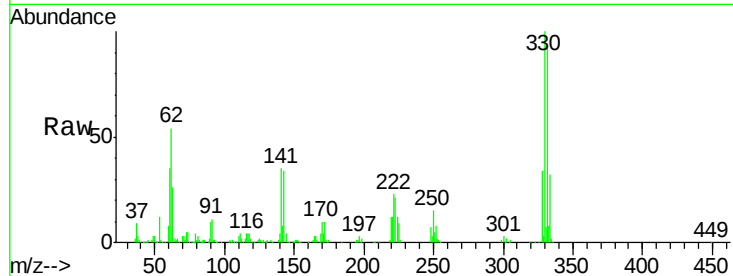




#41
 2,4,6-Tribromophenol
 Concen: 153.811 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033267.D
 Acq: 20 Mar 2018 14:48

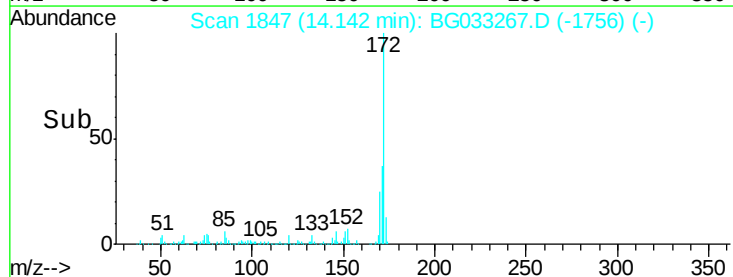
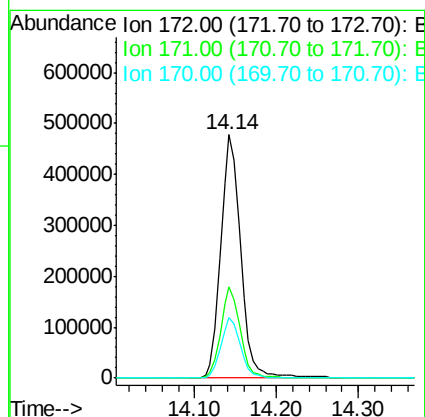
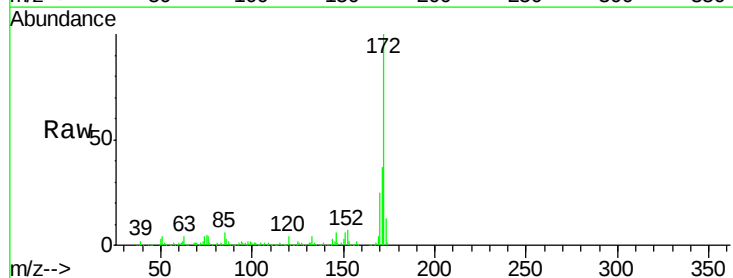
Instrument :
 BNA_G
 ClientSampled :

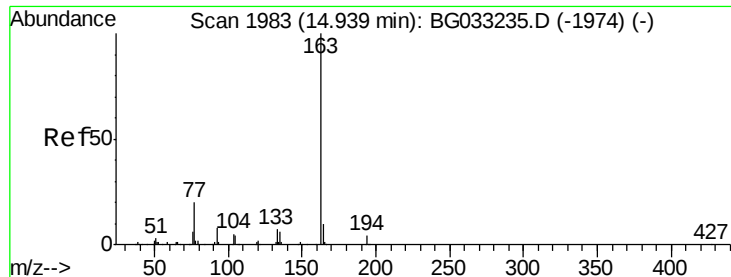
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	35.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 90.610 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG033267.D
 Acq: 20 Mar 2018 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.8	19.5	29.3

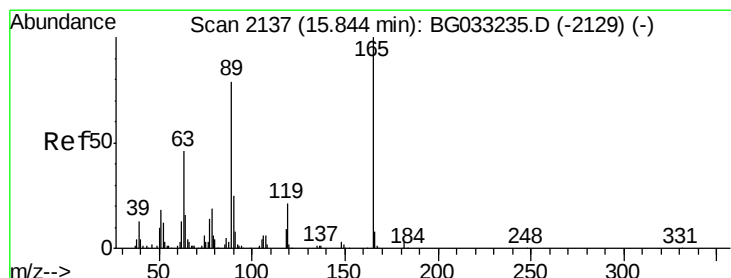
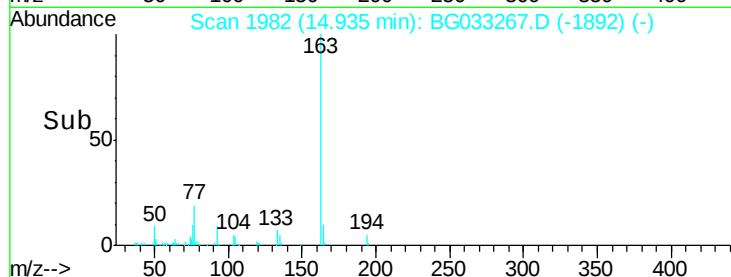
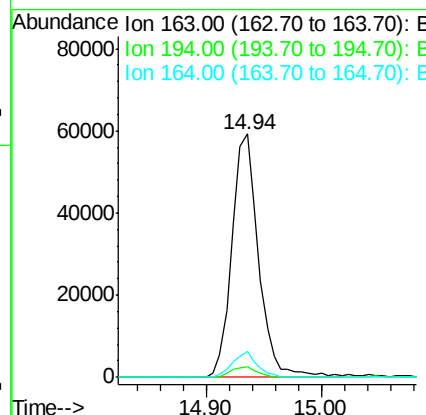
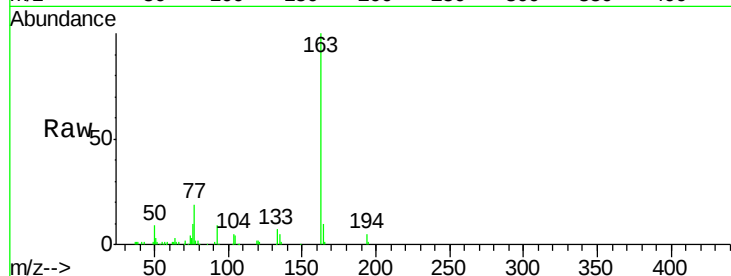




#49
Dimethylphthalate
Concen: 8.390 ng
RT: 14.94 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

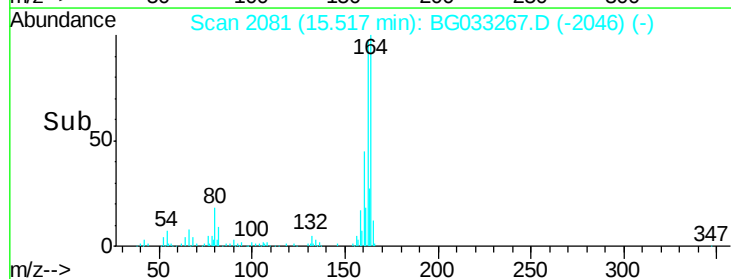
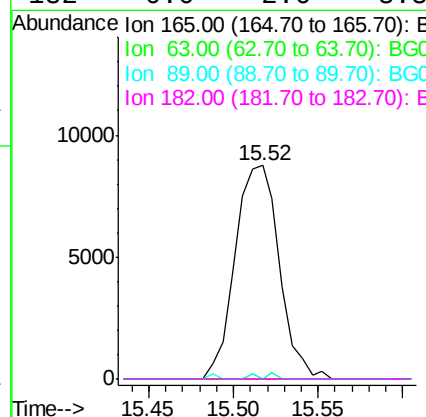
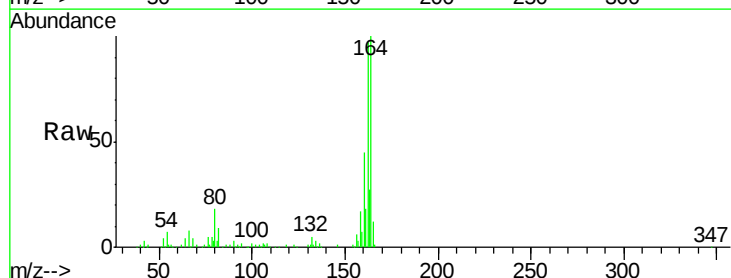
Instrument :
BNA_G
ClientSampleId :

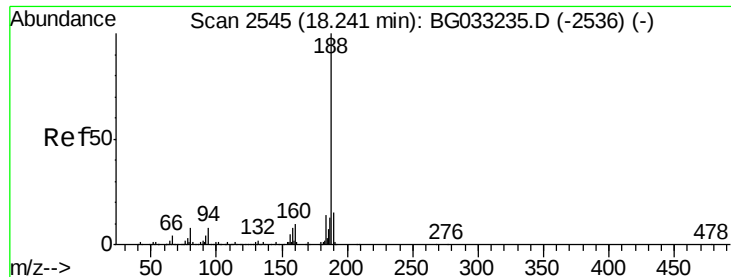
Tot Ion:163 Resp: 95031
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.5 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 4.663 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.33 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

Tgt Ion:165 Resp: 15900
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#

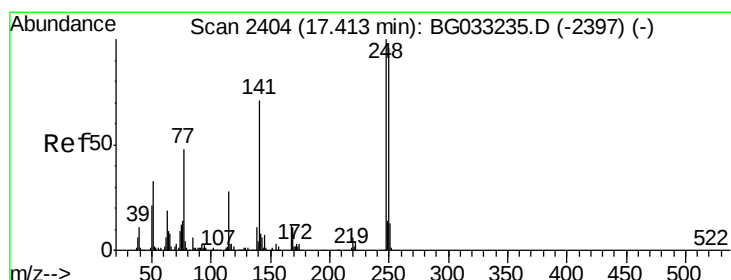
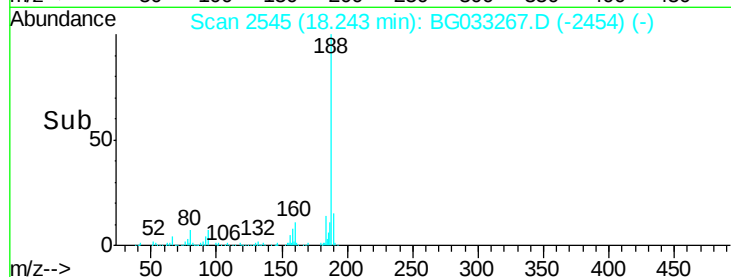
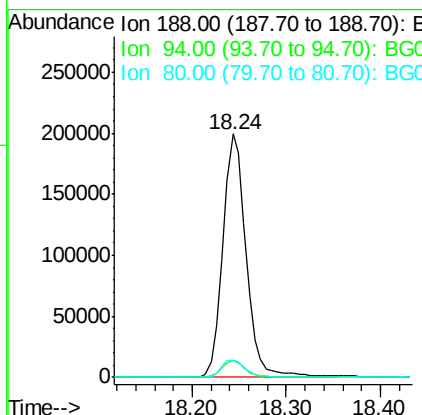
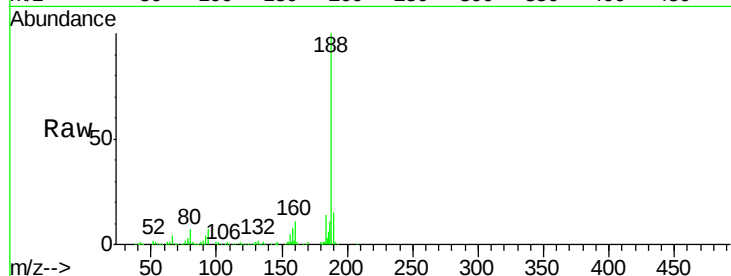




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

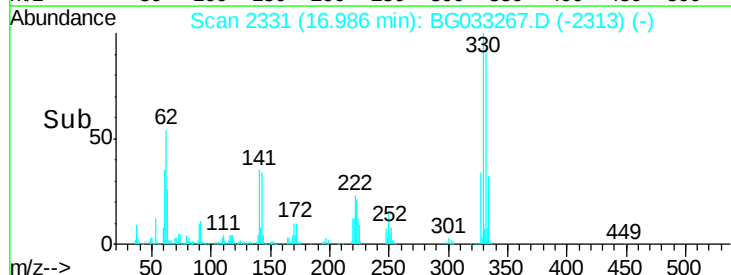
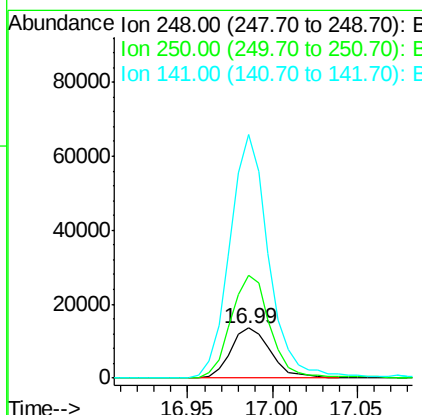
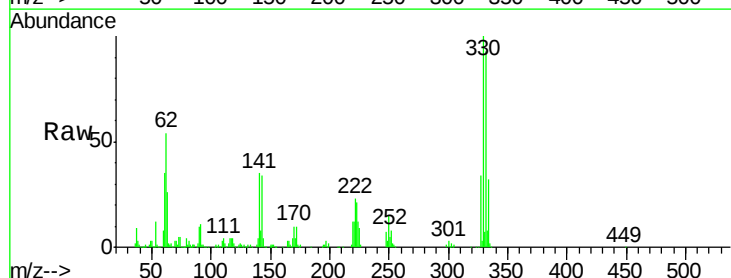
Instrument :
BNA_G
ClientSampleId :

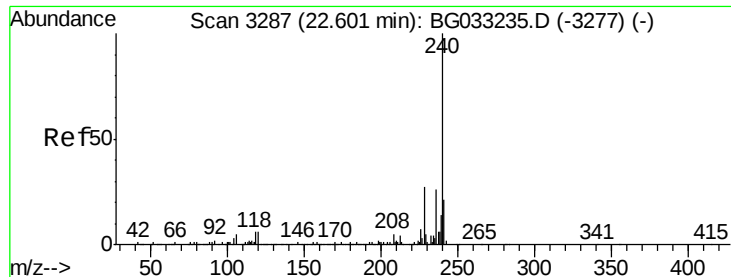
Tot Ion:188 Resp: 343794
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.2 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.462 ng
RT: 16.99 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

Tgt Ion:248 Resp: 22053
Ion Ratio Lower Upper
248 100
250 205.2 77.1 115.7#
141 487.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

Instrument :

BNA_G

ClientSampleId :

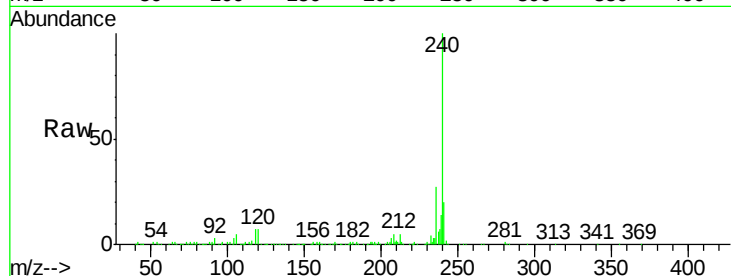
Tot Ion:240 Resp: 347521

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

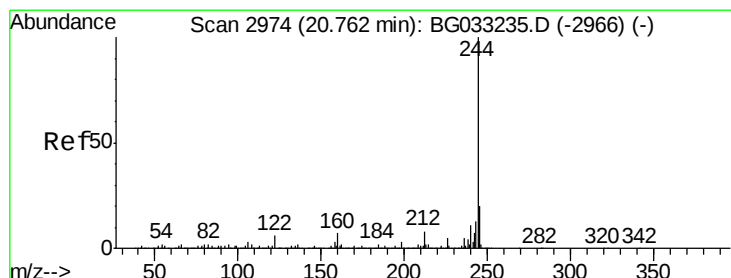
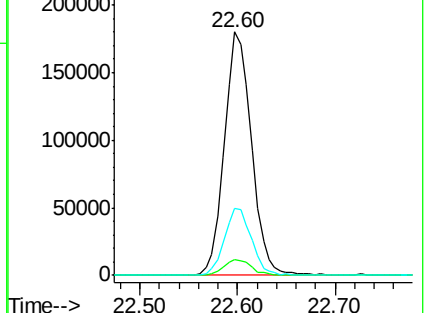
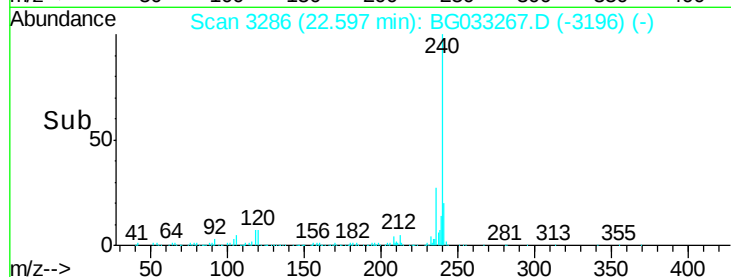
236 27.3 20.9 31.3



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



#78

Terphenyl-d14

Concen: 85.092 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

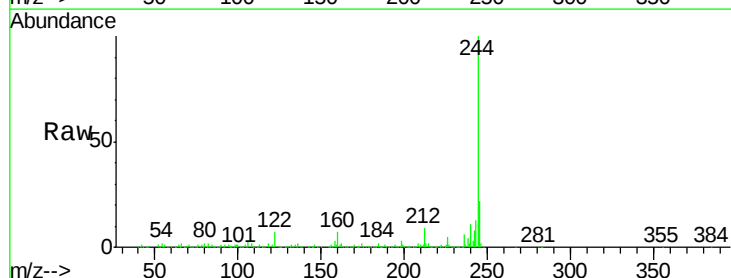
Tgt Ion:244 Resp: 1382742

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

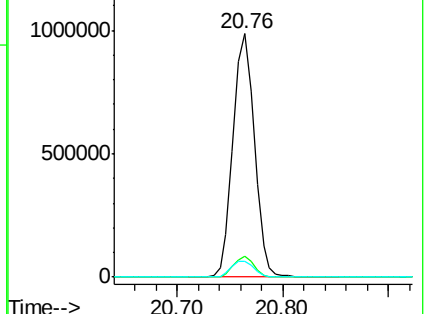
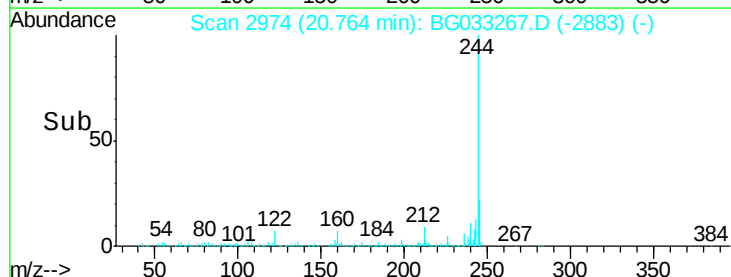
122 6.7 7.0 10.4#

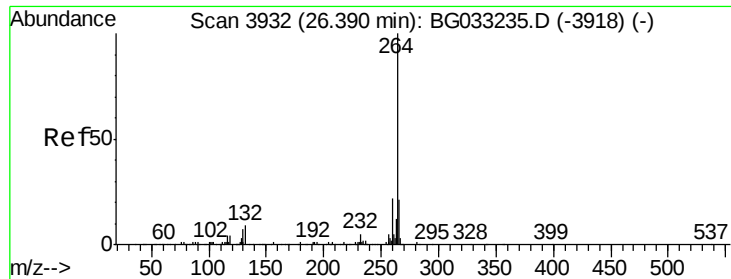


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

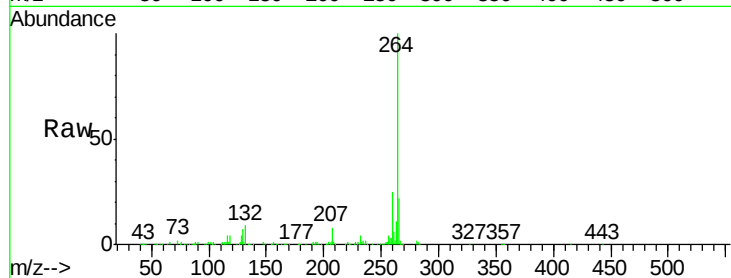




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.9	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

