

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033425.D
 Acq On : 29 Mar 2018 18:19
 Operator : SJ/JU
 Sample : J1754-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 30 07:39:01 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

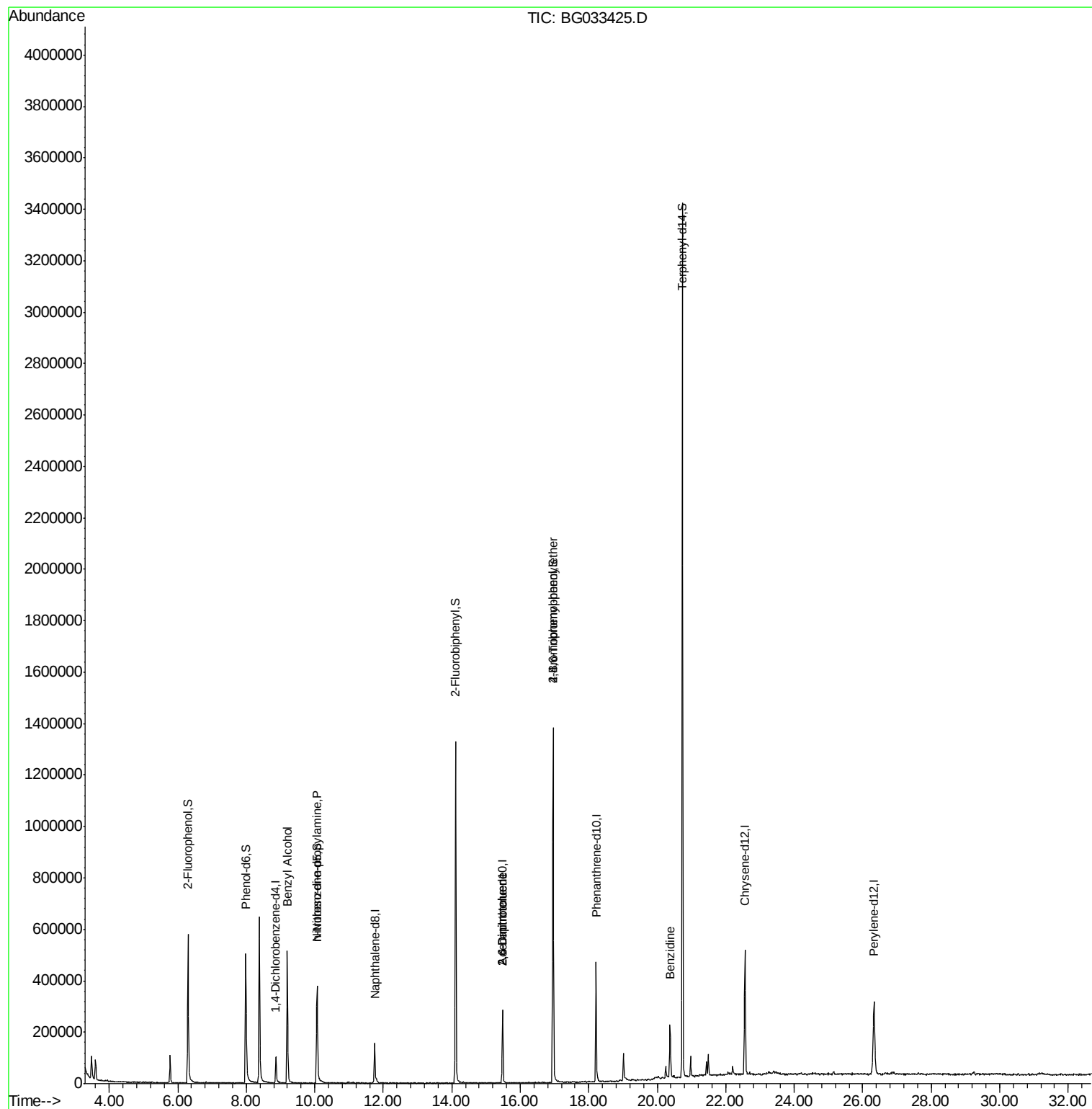
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34518	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	140975	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	109113	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	328382	20.00	ng	0.00
75) Chrysene-d12	22.56	240	362433	20.00	ng	0.00
86) Perylene-d12	26.33	264	389390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	272201	147.87	ng	0.00
7) Phenol-d6	7.99	99	376473	119.03	ng	0.00
23) Nitrobenzene-d5	10.07	82	304496	99.24	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	289855	177.62	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	734375	97.16	ng	0.00
78) Terphenyl-d14	20.73	244	1690707	99.76	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5431	2.181	ng	# 40
19) n-Nitroso-di-n-propylamine	10.07	70	40229	17.357	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	13586	6.997	ng	# 18
56) 2,4-Dinitrotoluene	15.48	165	13586	4.752	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	20069	5.204	ng	# 1
76) Benzidine	20.37	184	125868	12.806	ng	99

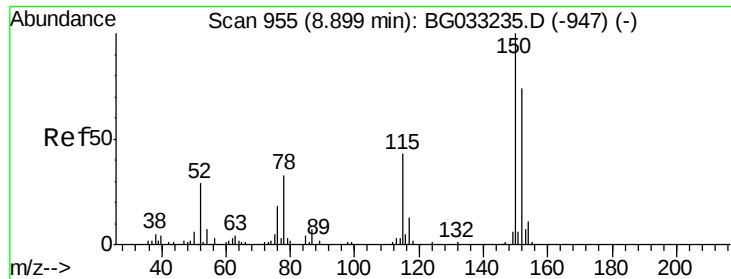
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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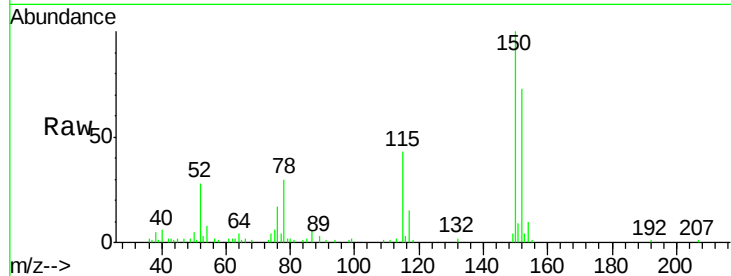


#1

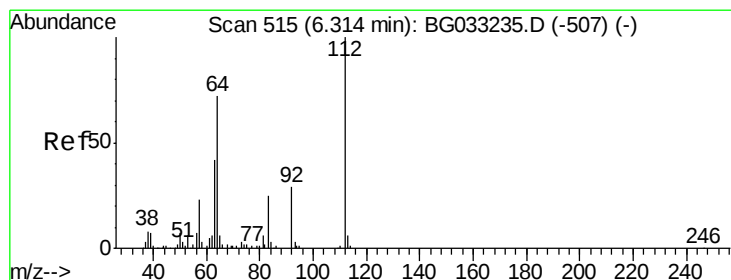
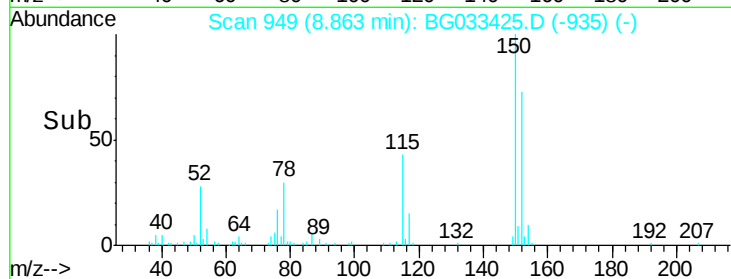
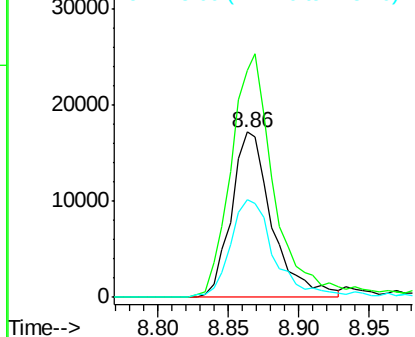
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033425.D
Acq: 29 Mar 2018 18:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34518
Ion Ratio Lower Upper
152 100
150 137.1 126.6 189.8
115 59.2 53.0 79.4



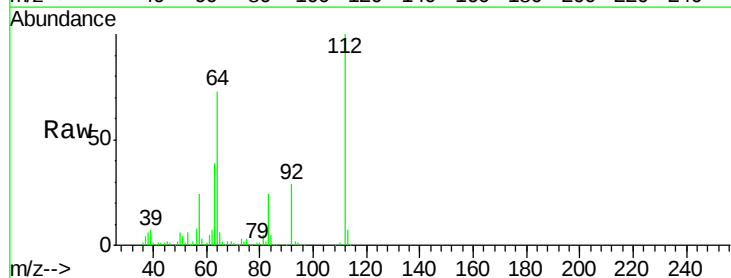
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



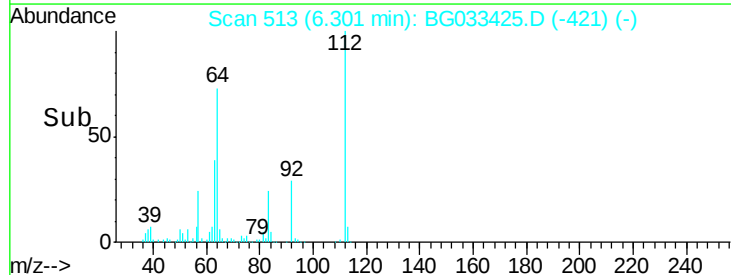
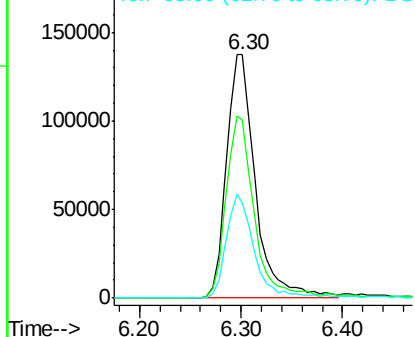
#5

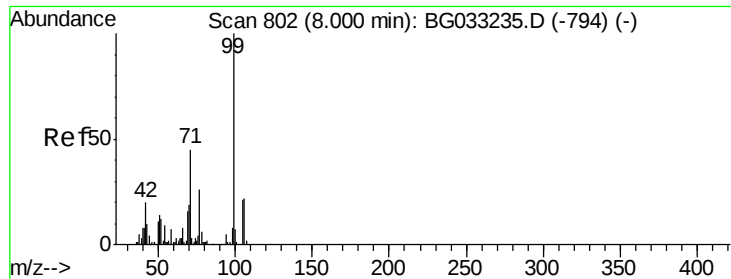
2-Fluorophenol
Concen: 147.868 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033425.D
Acq: 29 Mar 2018 18:19

Tgt Ion:112 Resp: 272201
Ion Ratio Lower Upper
112 100
64 73.4 56.3 84.5
63 39.3 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: 119.026 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033425.D

Acq: 29 Mar 2018 18:19

Instrument :

BNA_G

ClientSampleId :

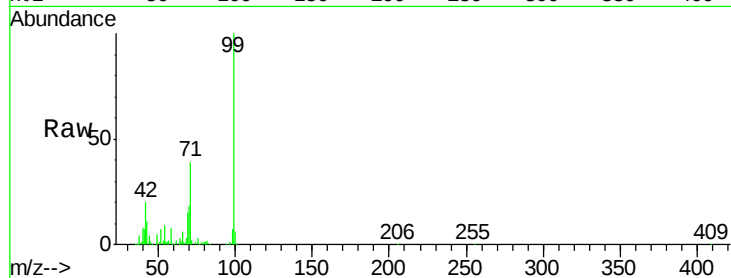
Tot Ion: 99 Resp: 376473

Ion Ratio Lower Upper

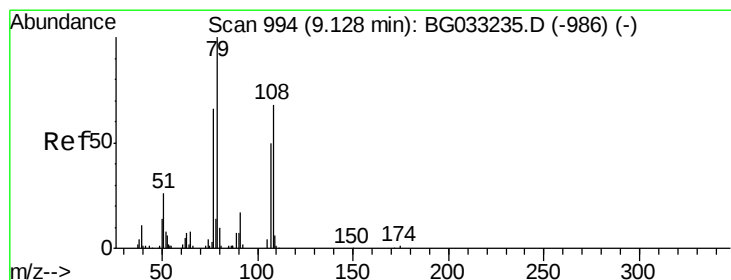
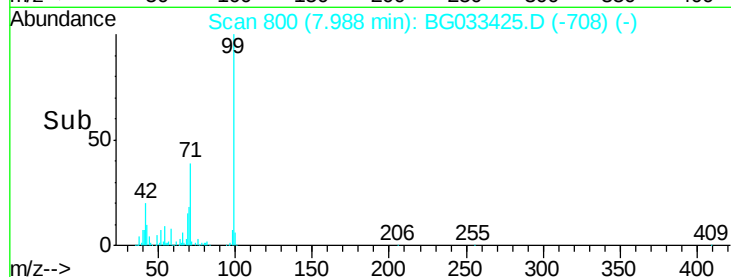
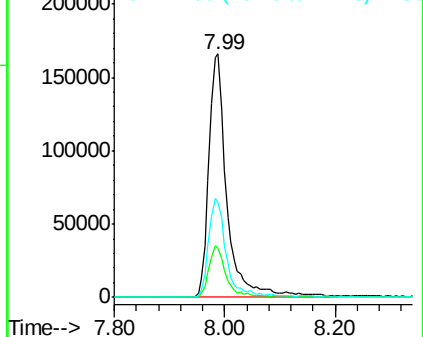
99 100

42 20.3 14.1 21.1

71 38.9 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: 2.181 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.08 min

Lab File: BG033425.D

Acq: 29 Mar 2018 18:19

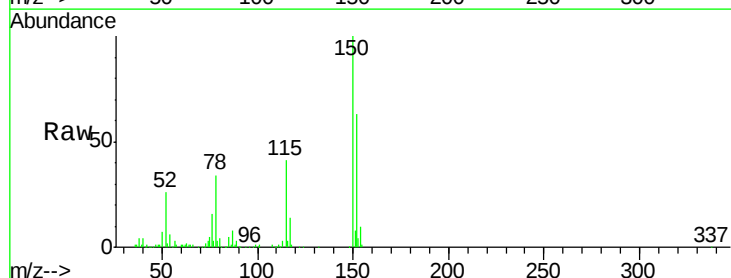
Tgt Ion: 79 Resp: 5431

Ion Ratio Lower Upper

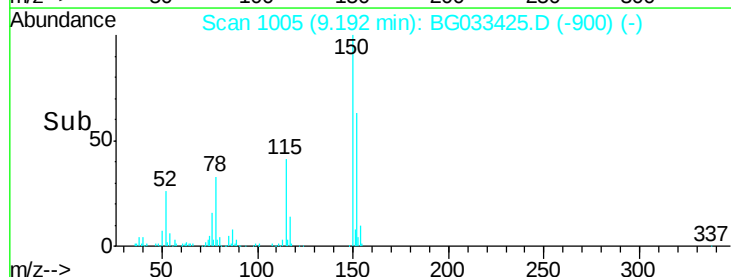
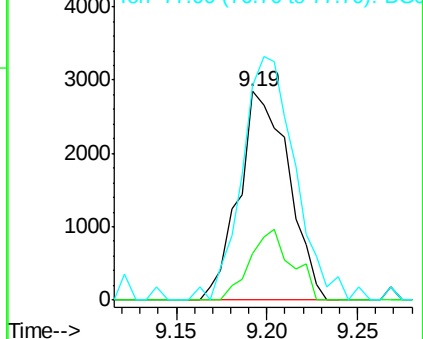
79 100

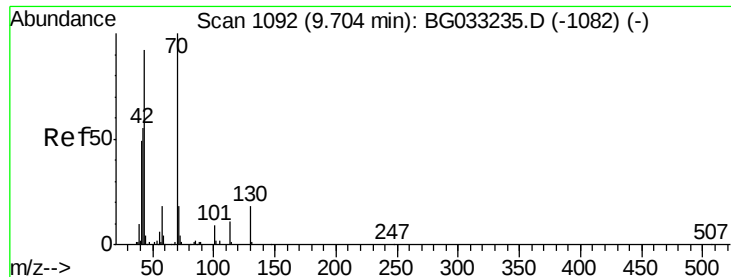
108 22.4 57.2 85.8#

77 102.5 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

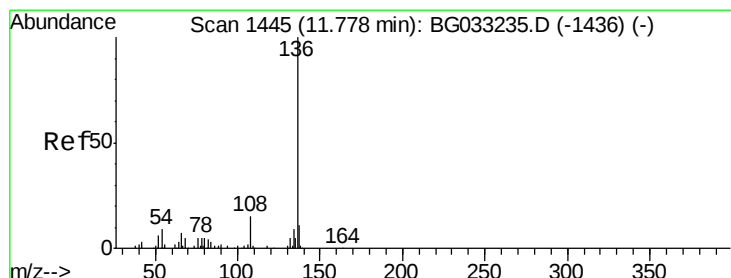
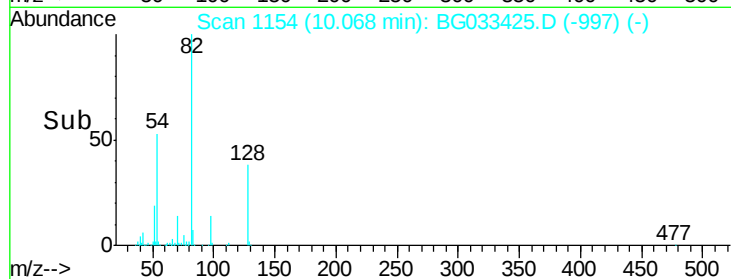
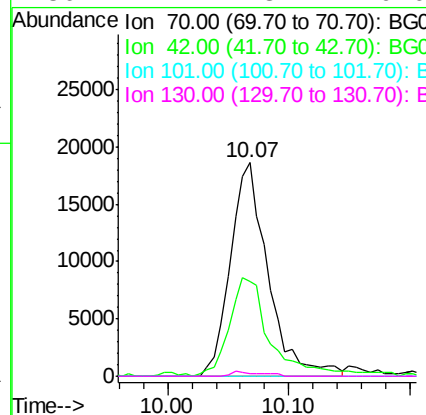
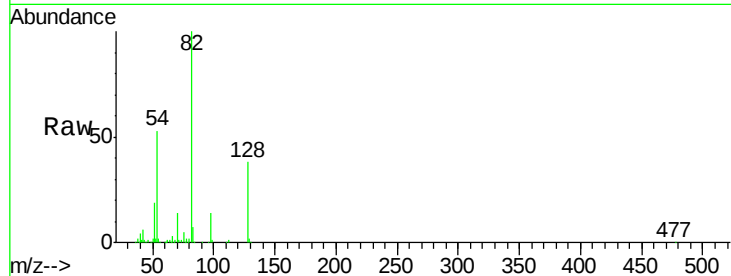




#19
n-Nitroso-di-n-propylamine
Concen: 17.357 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.39 min
Lab File: BG033425.D
Acq: 29 Mar 2018 18:19

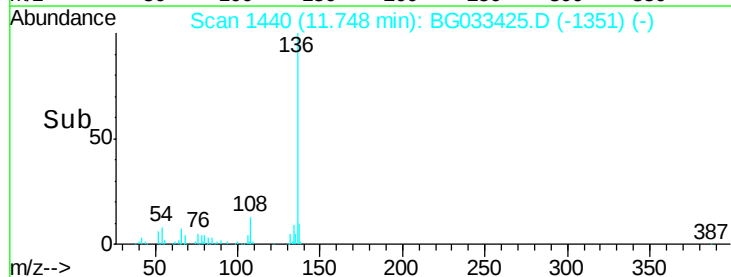
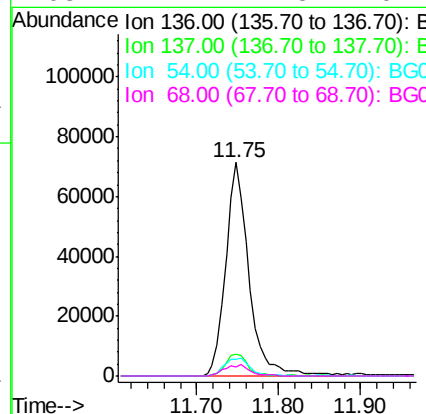
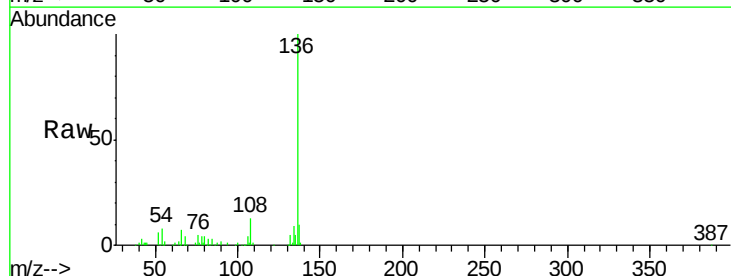
Instrument :
BNA_G
ClientSampleId :

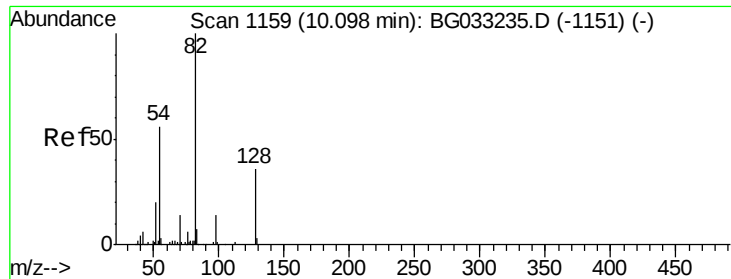
Tot Ion: 70 Resp: 40229
Ion Ratio Lower Upper
70 100
42 44.3 49.1 73.7#
101 0.0 8.5 12.7#
130 1.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033425.D
Acq: 29 Mar 2018 18:19

Tgt Ion: 136 Resp: 140975
Ion Ratio Lower Upper
136 100
137 10.0 9.2 13.8
54 8.0 10.3 15.5#
68 4.1 4.5 6.7#

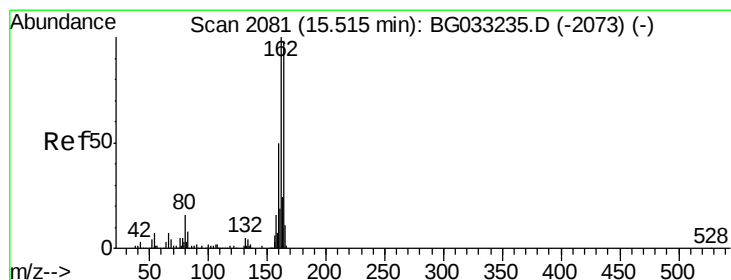
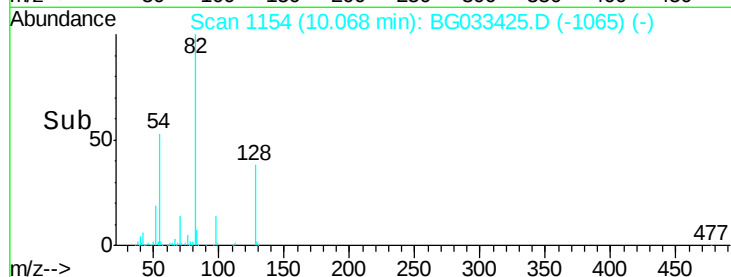
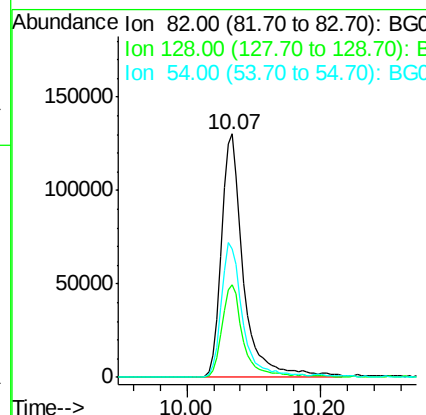
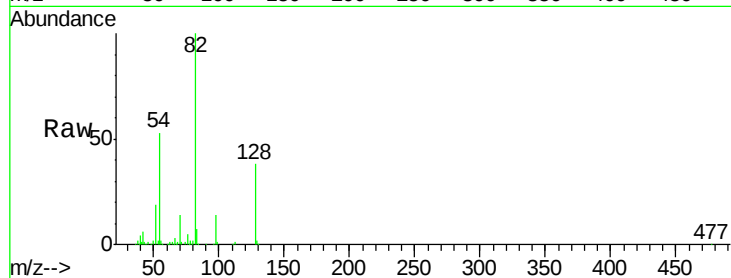




#23
 Nitrobenzene-d5
 Concen: 99.236 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033425.D
 Acq: 29 Mar 2018 18:19

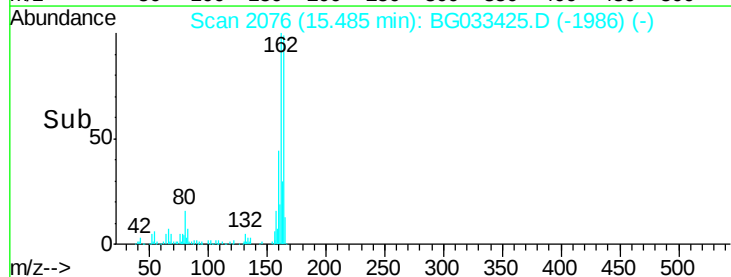
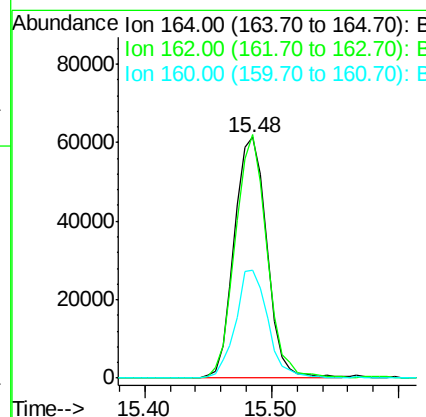
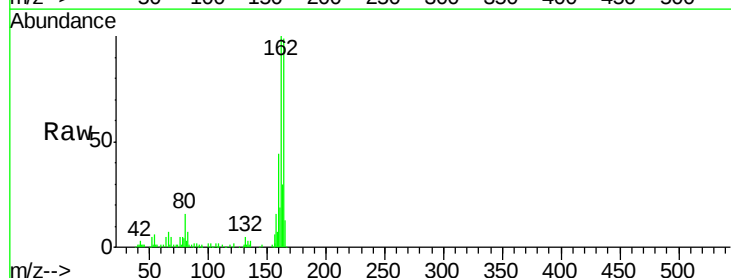
Instrument :
 BNA_G
 ClientSampleId :

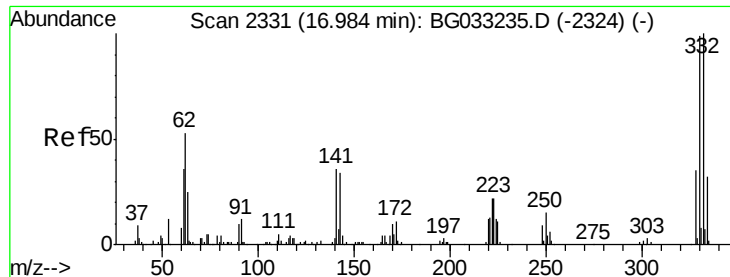
Tot Ion	82	Resp	304496
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.7	44.5
54	52.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033425.D
 Acq: 29 Mar 2018 18:19

Tgt Ion	164	Resp	109113
Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	44.8	35.4	53.0

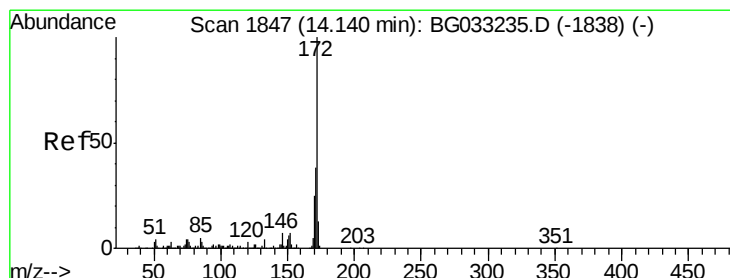
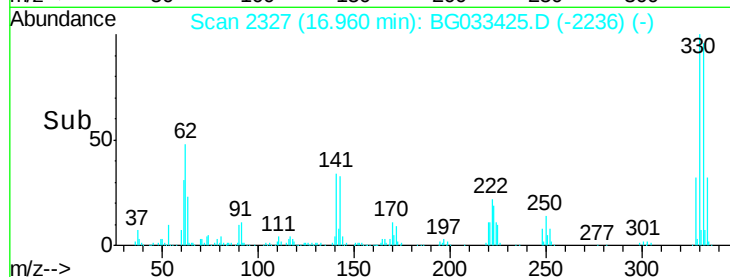
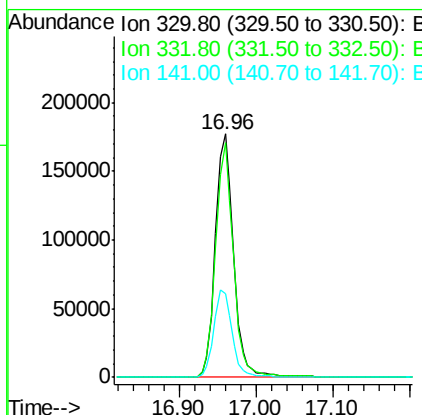
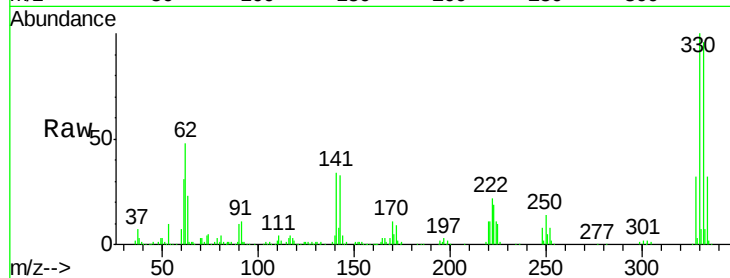




#41
 2,4,6-Tribromophenol
 Concen: 177.617 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033425.D
 Acq: 29 Mar 2018 18:19

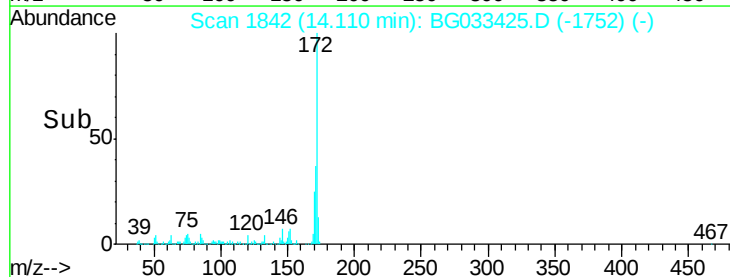
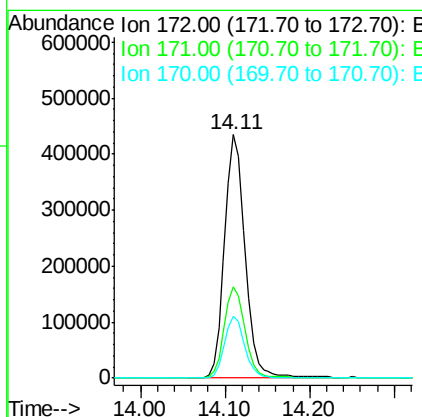
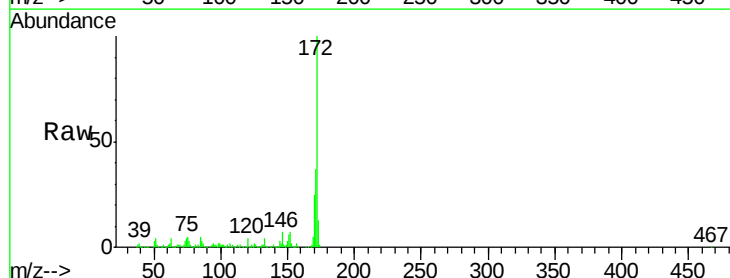
Instrument :
 BNA_G
 ClientSampleId :

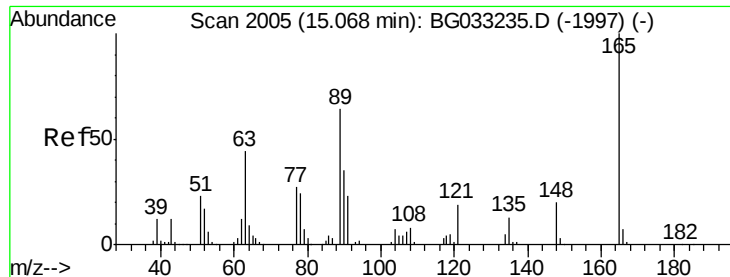
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	35.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 97.163 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033425.D
 Acq: 29 Mar 2018 18:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	25.4	19.5	29.3

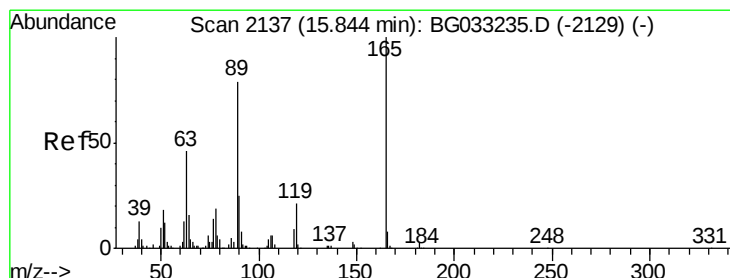
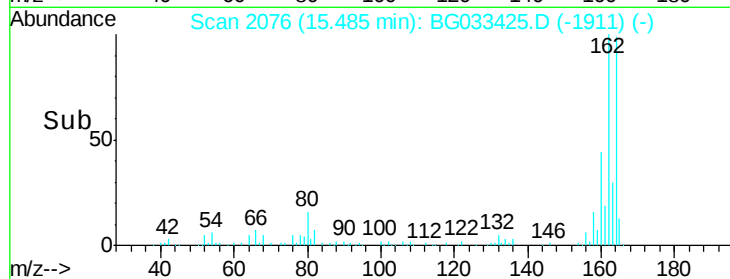
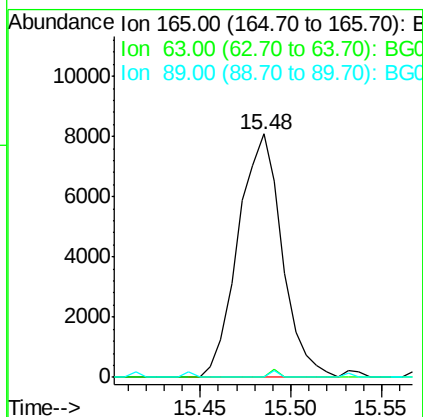
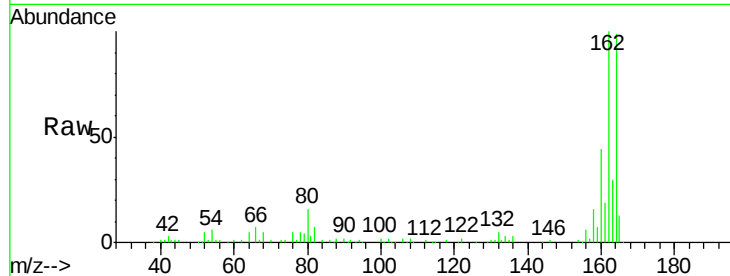




#50
2,6-Dinitrotoluene
Concen: 6.997 ng
RT: 15.48 min Scan# 2076
Delta R.T. 0.44 min
Lab File: BG033425.D
Acq: 29 Mar 2018 18:19

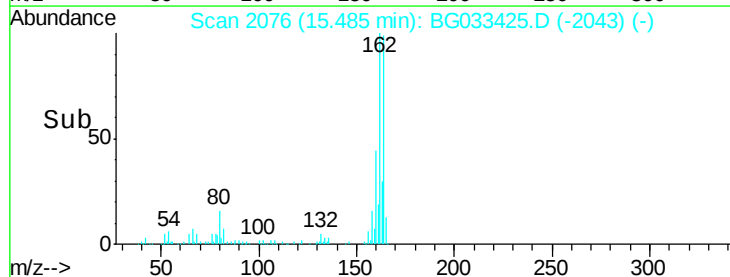
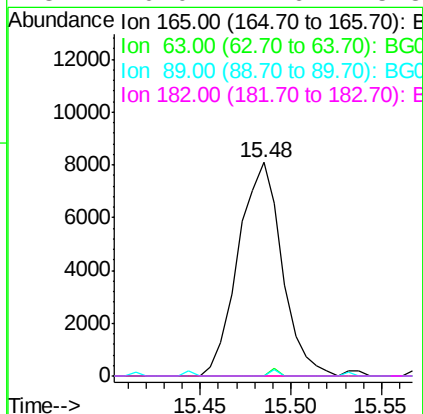
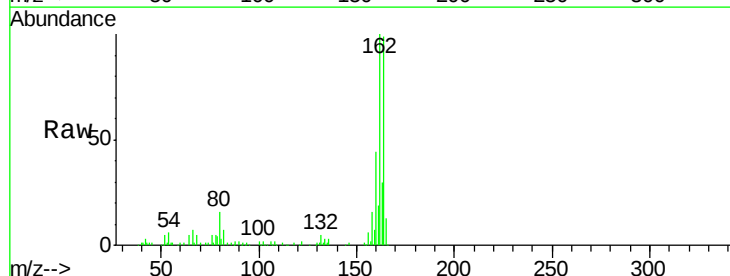
Instrument :
BNA_G
ClientSampleId :

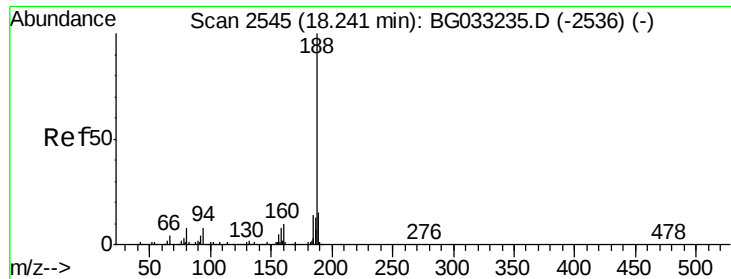
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 4.752 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.34 min
Lab File: BG033425.D
Acq: 29 Mar 2018 18:19

Tgt 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#

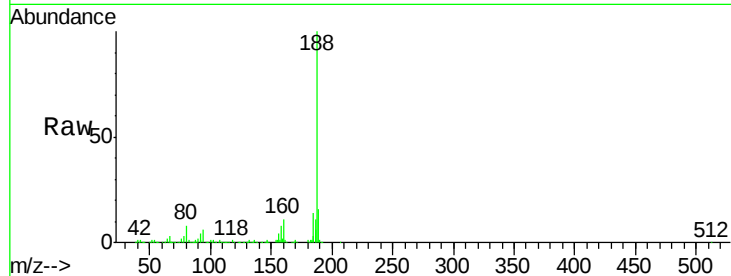




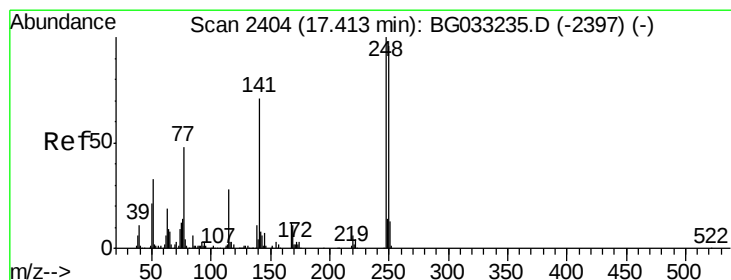
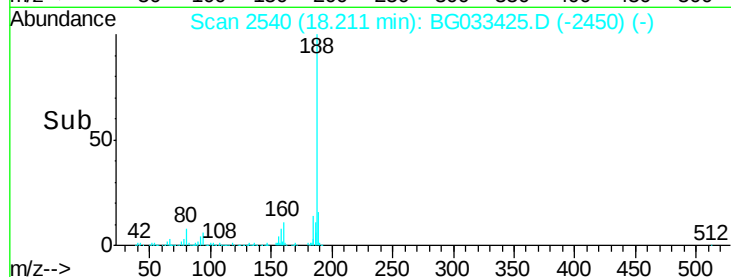
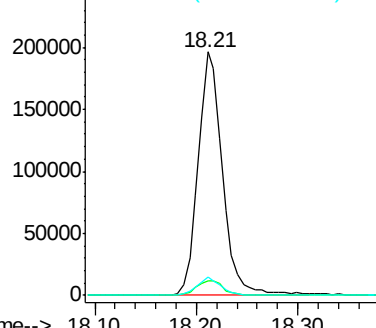
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033425.D
 Acq: 29 Mar 2018 18:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 328382
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.9 10.3#
 80 7.7 7.7 11.5

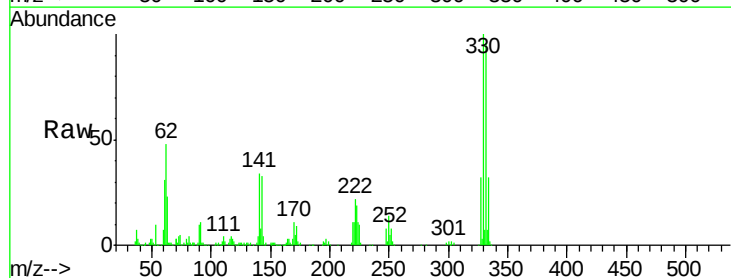


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

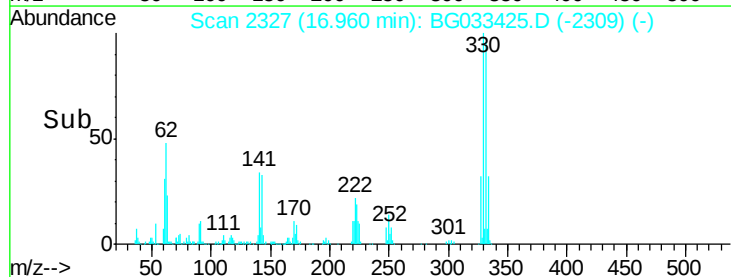
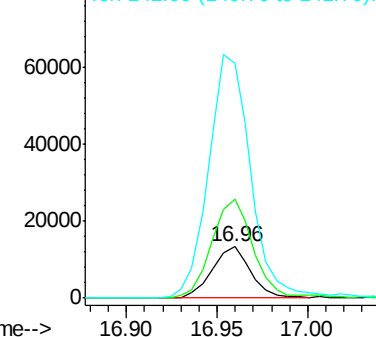


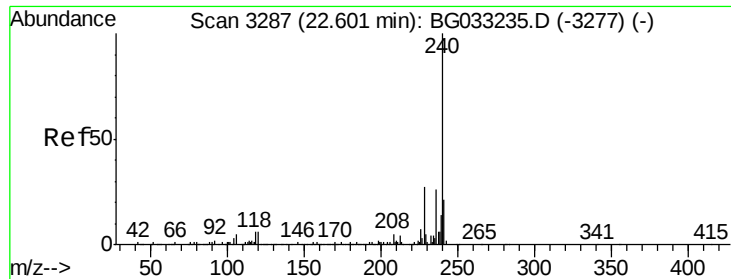
#66
 4-Bromophenyl-phenylether
 Concen: 5.204 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.43 min
 Lab File: BG033425.D
 Acq: 29 Mar 2018 18:19

Tgt Ion:248 Resp: 20069
 Ion Ratio Lower Upper
 248 100
 250 191.6 77.1 115.7#
 141 455.4 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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033425.D

Acq: 29 Mar 2018 18:19

Instrument :

BNA_G

ClientSampleId :

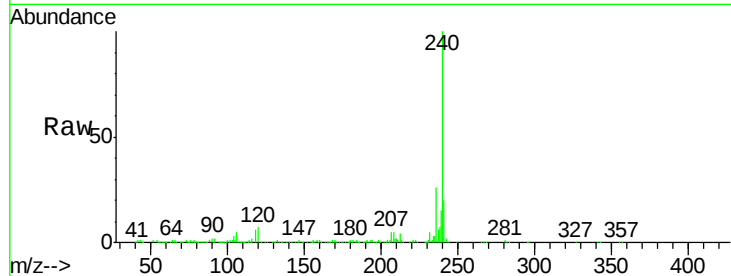
Tot Ion:240 Resp: 362433

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

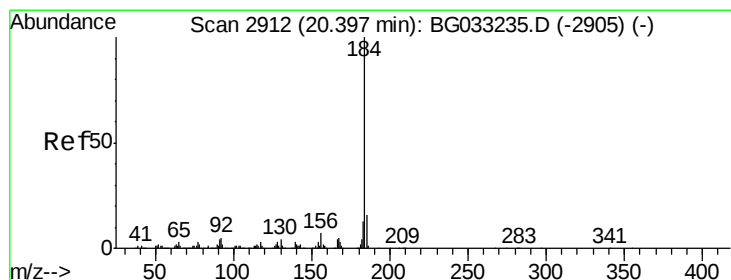
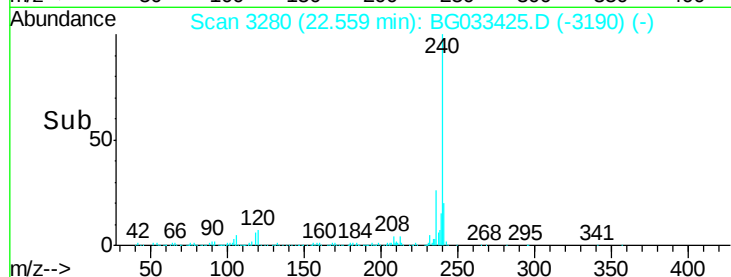
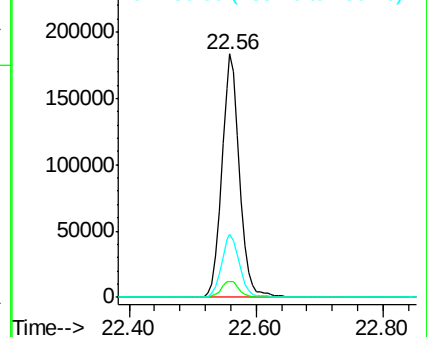
236 25.8 20.9 31.3



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: 12.806 ng

RT: 20.37 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BG033425.D

Acq: 29 Mar 2018 18:19

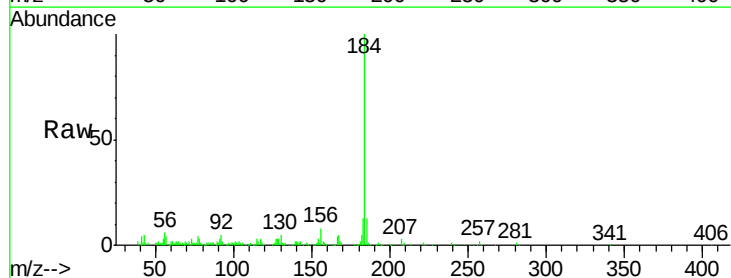
Tgt Ion:184 Resp: 125868

Ion Ratio Lower Upper

184 100

185 13.1 11.1 16.7

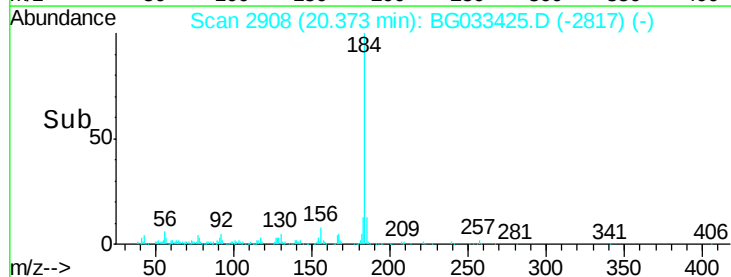
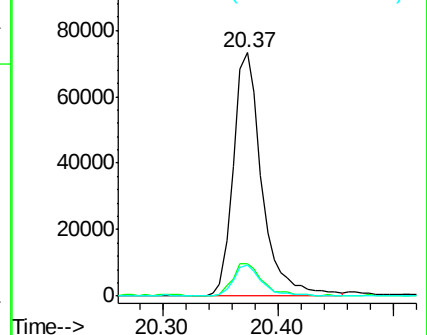
183 13.0 10.6 16.0

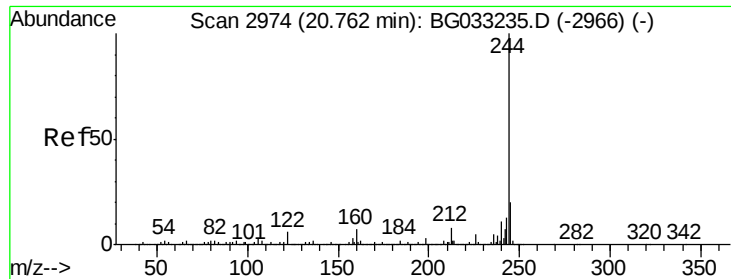


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 99.763 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033425.D

Acq: 29 Mar 2018 18:19

Instrument :

BNA_G

ClientSampleId :

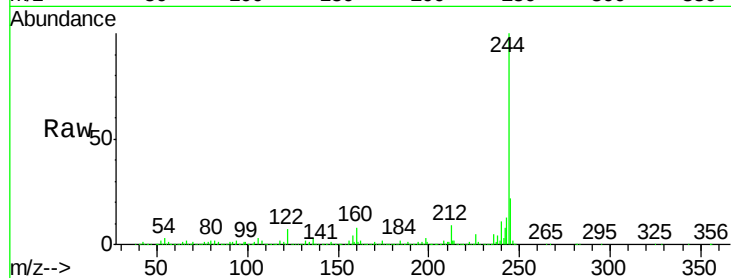
Tot Ion:244 Resp: 1690707

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

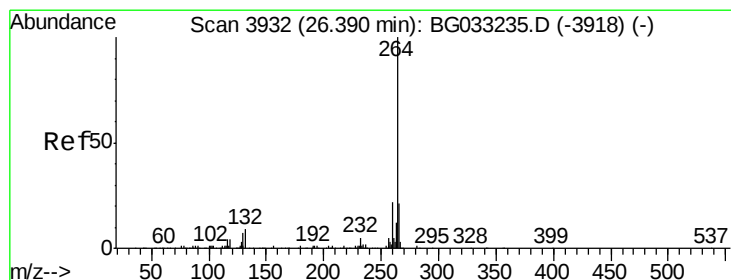
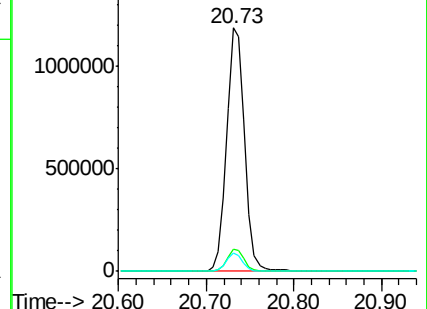
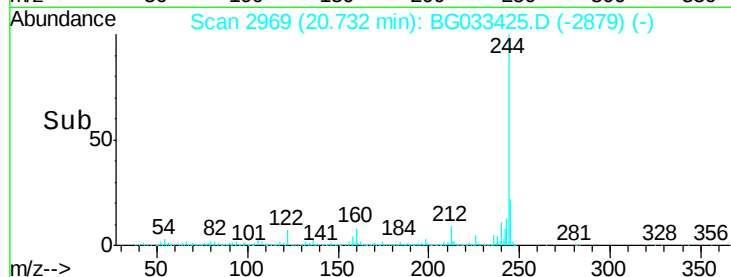
122 7.4 7.0 10.4



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: 26.33 min Scan# 3922

Delta R.T. -0.00 min

Lab File: BG033425.D

Acq: 29 Mar 2018 18:19

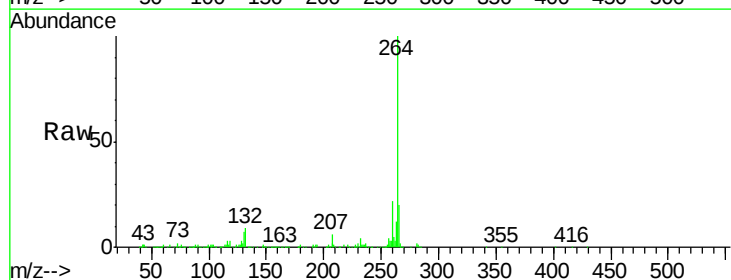
Tgt Ion:264 Resp: 389390

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 20.5 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

