

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032532.D
 Acq On : 3 Feb 2018 4:25
 Operator : SJ/JU
 Sample : J1436-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 05:43:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

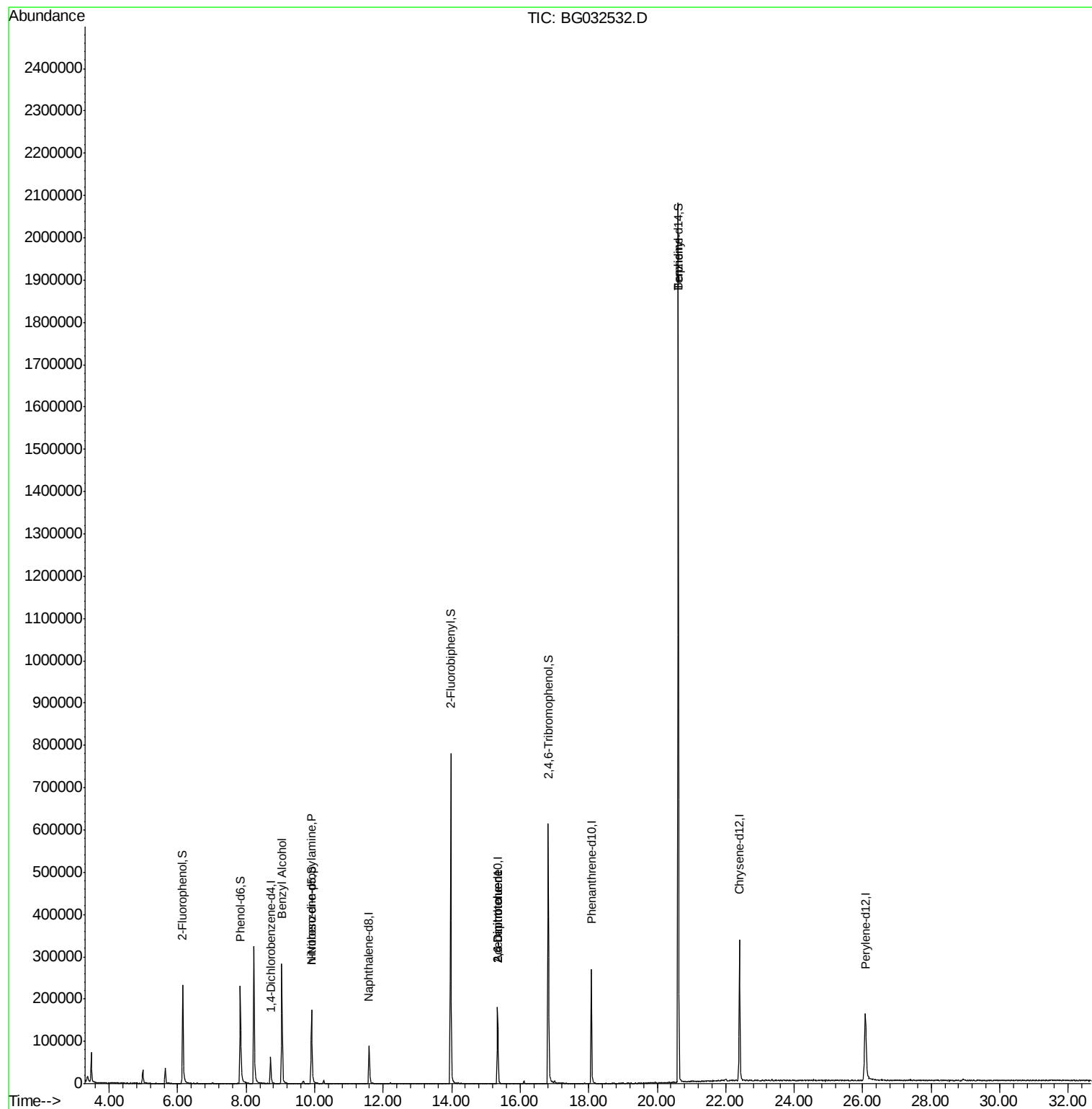
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	23984	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	98066	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	72553	20.00	ng	-0.02
63) Phenanthrene-d10	18.08	188	202261	20.00	ng	0.00
75) Chrysene-d12	22.40	240	262493	20.00	ng	-0.02
86) Perylene-d12	26.07	264	253817	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	133403	111.72	ng	0.00
7) Phenol-d6	7.82	99	170987	107.31	ng	0.00
23) Nitrobenzene-d5	9.90	82	126134	80.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	157717	114.20	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	491216	80.47	ng	-0.02
78) Terphenyl-d14	20.62	244	1116620	91.12	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.04	79	2627	2.000	ng	# 53
19) n-Nitroso-di-n-propylamine	9.90	70	18247	17.271	ng	# 74
50) 2,6-Dinitrotoluene	15.34	165	8889	6.331	ng	# 18
56) 2,4-Dinitrotoluene	15.34	165	8889	4.446	ng	# 16
76) Benizidine	20.62	184	15902	3.085	ng	94

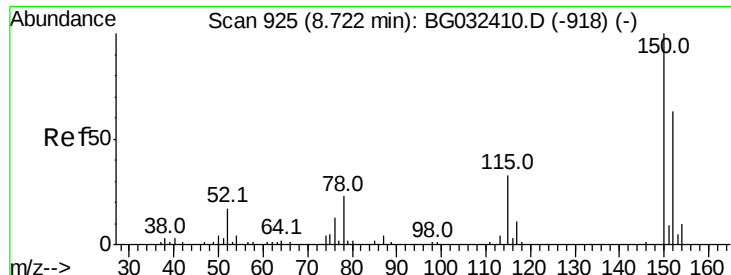
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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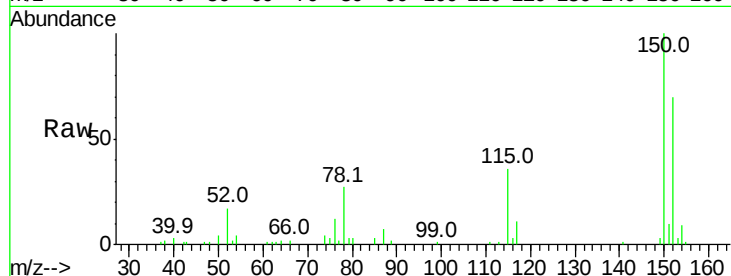


#1

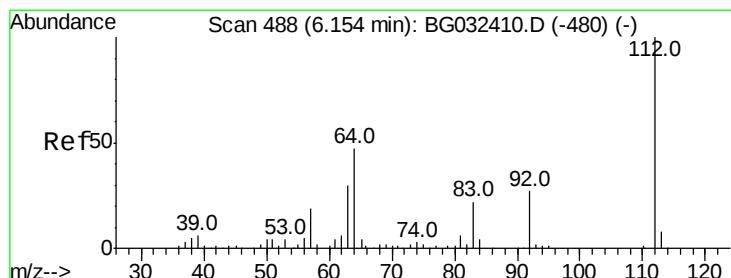
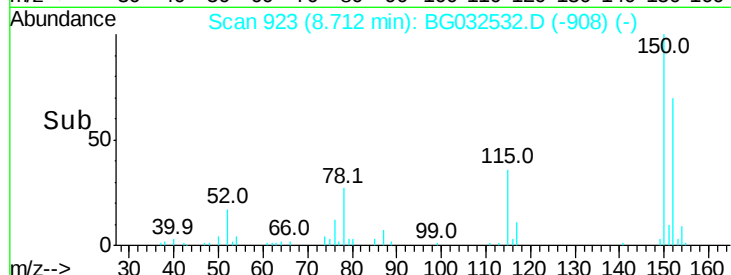
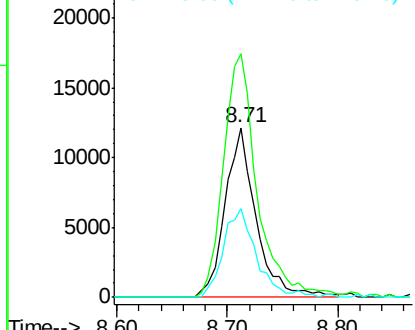
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032532.D
Acq: 3 Feb 2018 4:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23984
Ion Ratio Lower Upper
152 100
150 143.8 126.6 189.8
115 52.3 53.0 79.4#



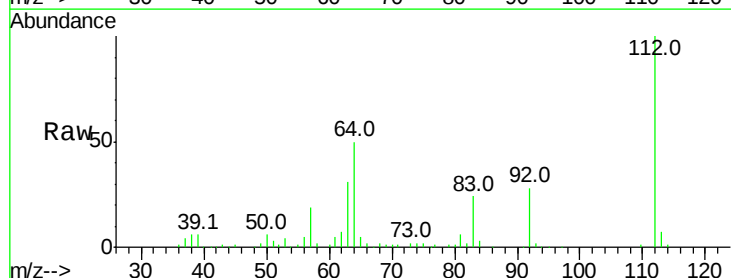
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



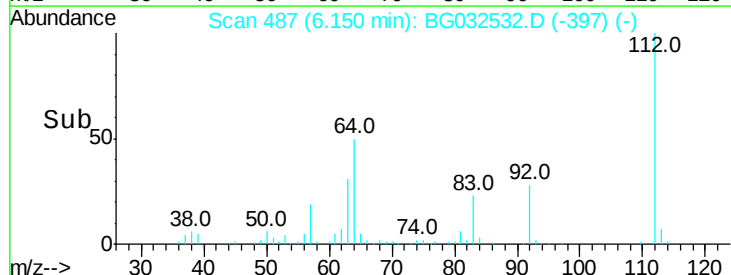
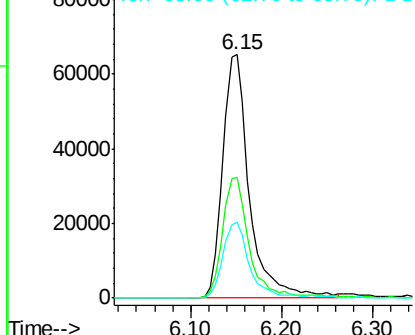
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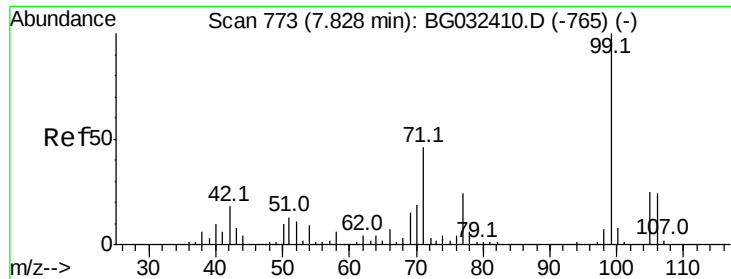
2-Fluorophenol
Concen: 111.719 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032532.D
Acq: 3 Feb 2018 4:25

Tgt Ion:112 Resp: 133403
Ion Ratio Lower Upper
112 100
64 49.8 56.3 84.5#
63 30.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 107.309 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032532.D

Acq: 3 Feb 2018 4:25

Instrument :

BNA_G

ClientSampled :

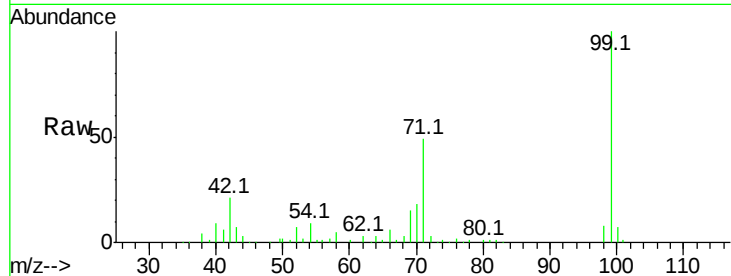
Tot Ion: 99 Resp: 170987

Ion Ratio Lower Upper

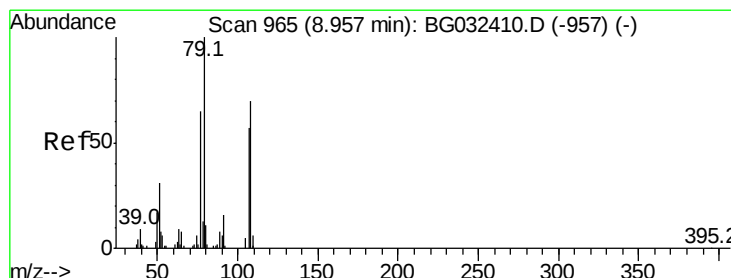
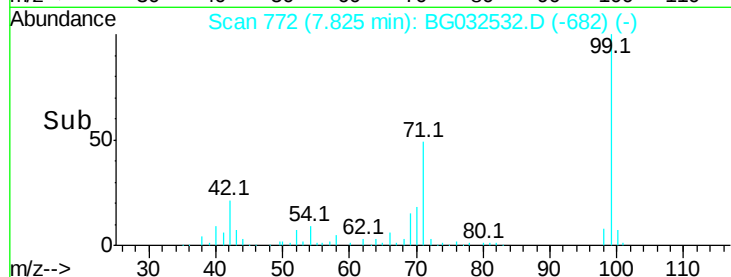
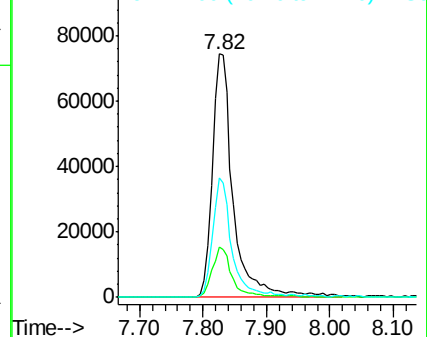
99 100

42 20.9 14.1 21.1

71 48.9 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: 2.000 ng

RT: 9.04 min Scan# 979

Delta R.T. 0.08 min

Lab File: BG032532.D

Acq: 3 Feb 2018 4:25

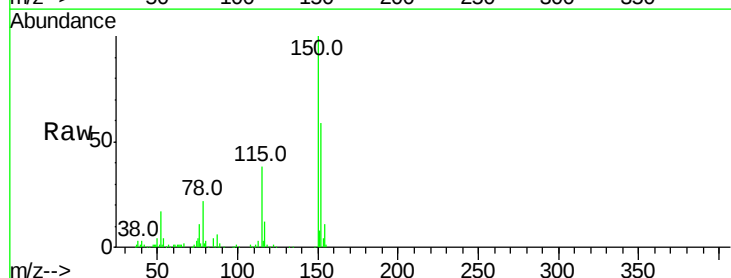
Tgt Ion: 79 Resp: 2627

Ion Ratio Lower Upper

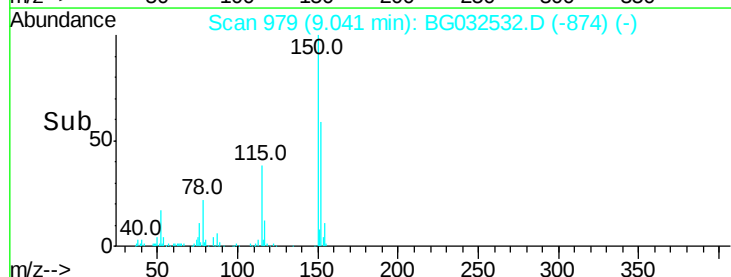
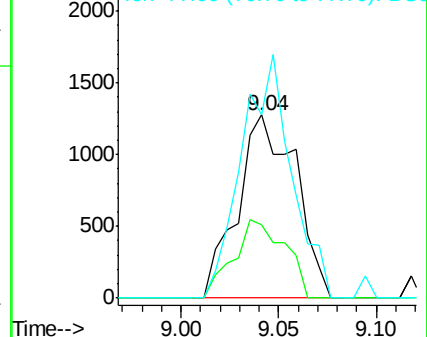
79 100

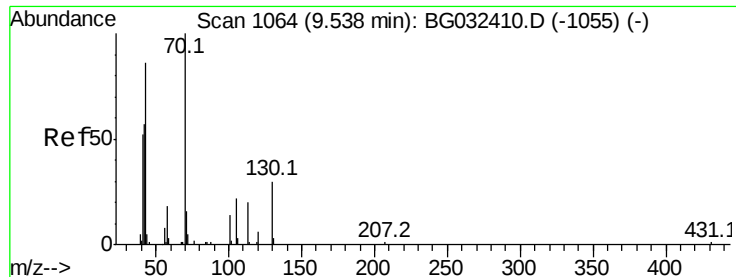
108 40.3 57.2 85.8#

77 100.3 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

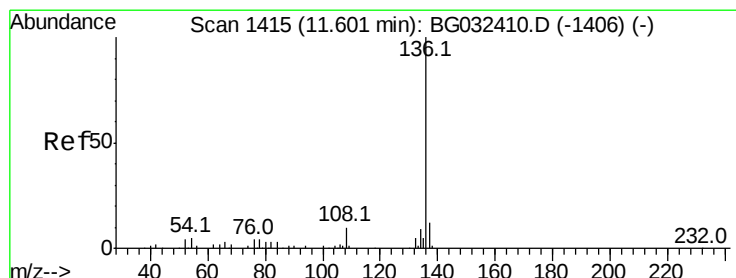
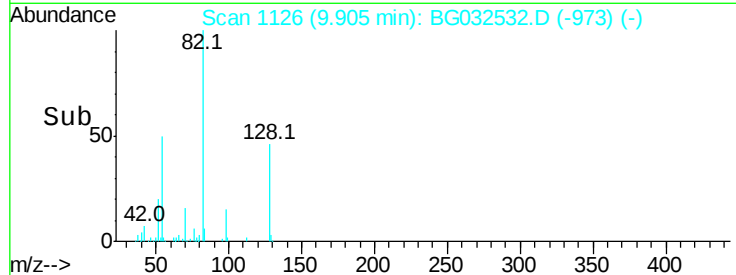
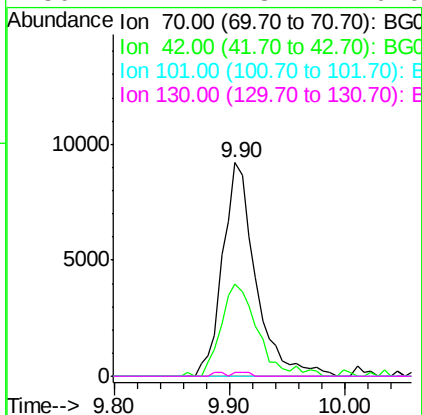
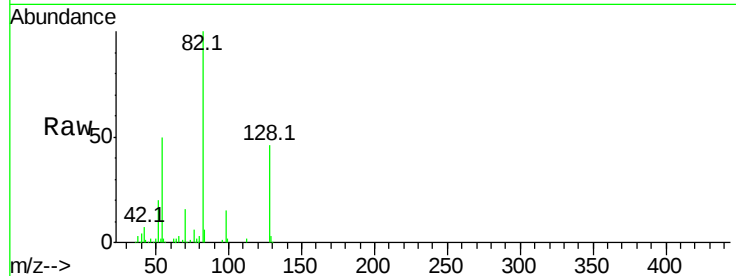




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.271 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. 0.37 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

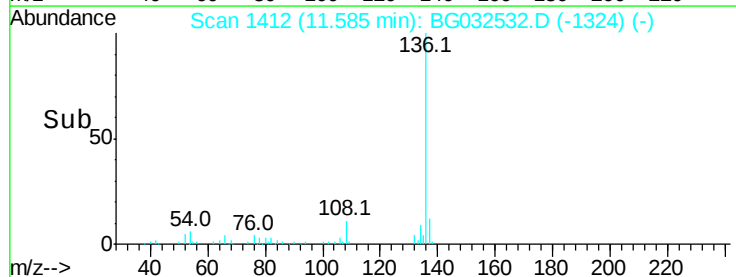
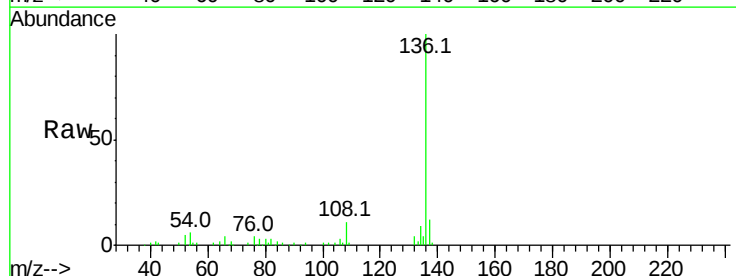
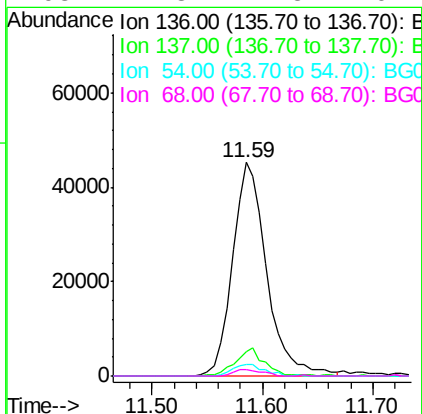
Instrument :
 BNA_G
 ClientSampled :

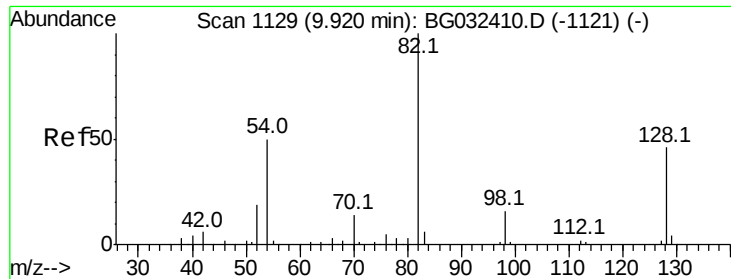
Tot Ion: 70 Resp: 18247
 Ion Ratio Lower Upper
 70 100
 42 43.5 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.7 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.59 min Scan# 1412
 Delta R.T. -0.02 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Tgt Ion: 136 Resp: 98066
 Ion Ratio Lower Upper
 136 100
 137 11.5 9.2 13.8
 54 5.7 10.3 15.5#
 68 2.8 4.5 6.7#

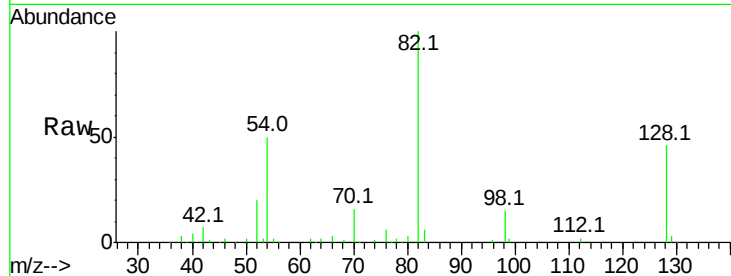




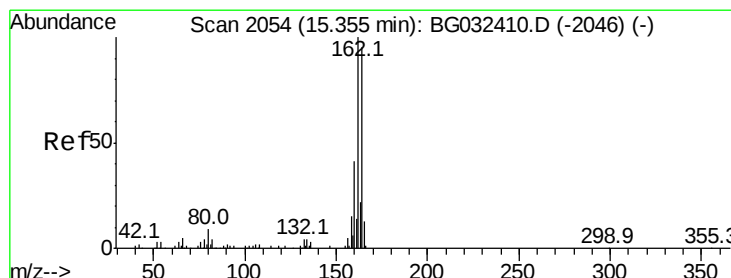
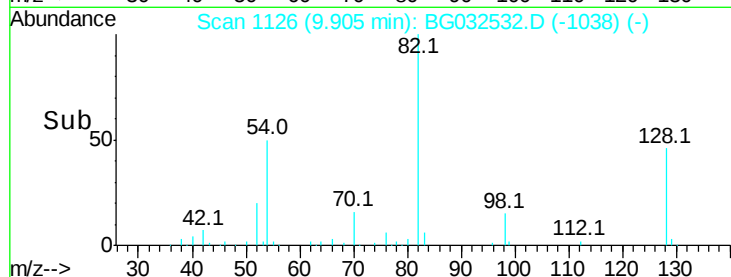
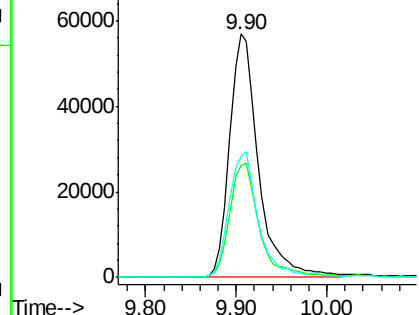
#23
 Nitrobenzene-d5
 Concen: 80.338 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	126134
Ion Ratio	Lower	Upper	
82	100		
128	46.1	29.7	44.5#
54	49.6	43.1	64.7

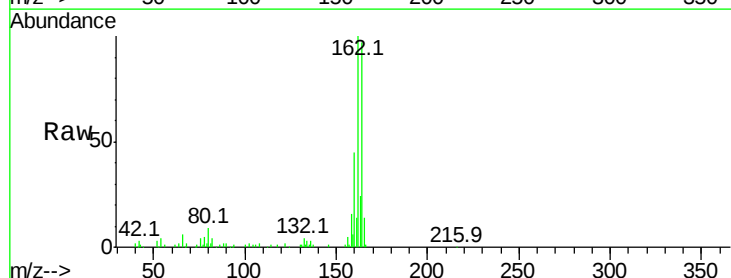


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

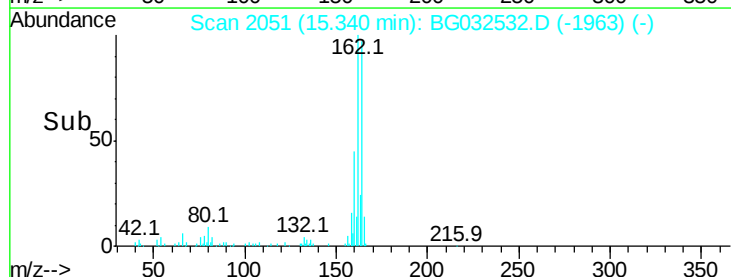
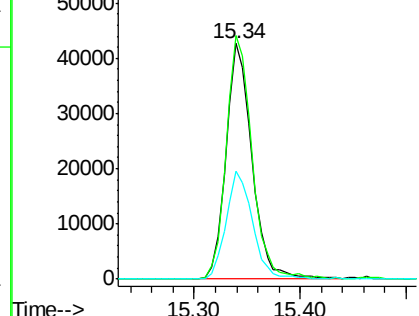


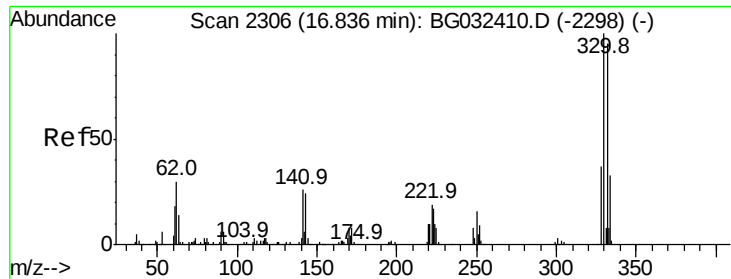
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.02 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Tgt Ion	164	Resp	72553
Ion Ratio	Lower	Upper	
164	100		
162	103.4	78.8	118.2
160	46.1	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

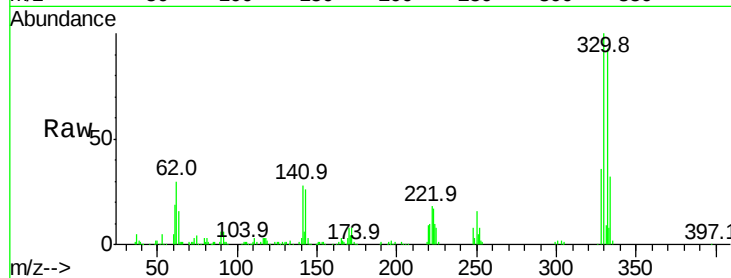




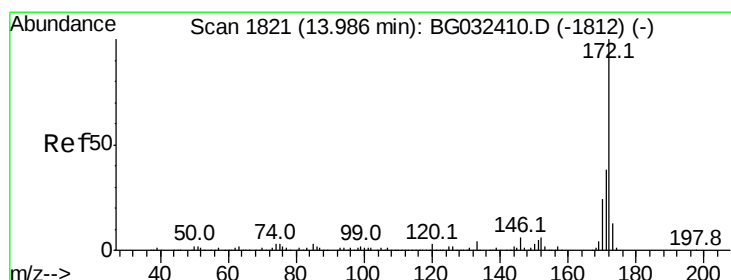
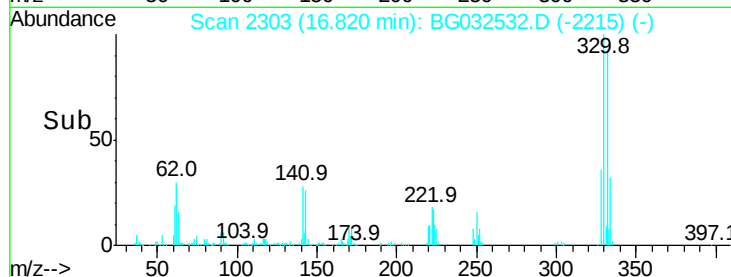
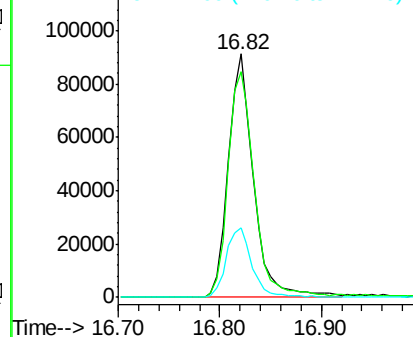
#41
 2,4,6-Tribromophenol
 Concen: 114.201 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 157717
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 29.2 25.2 37.8

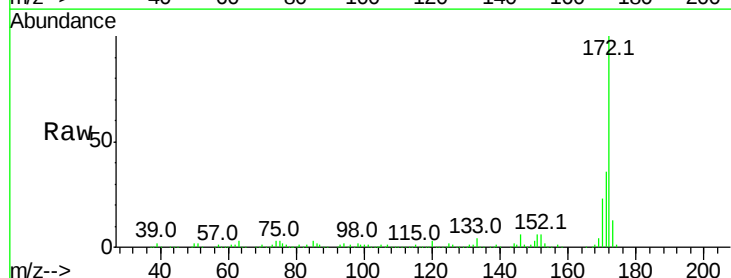


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

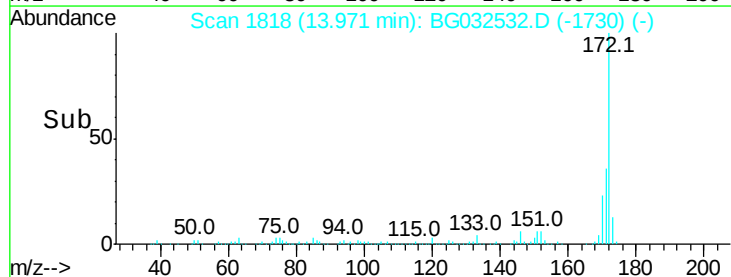
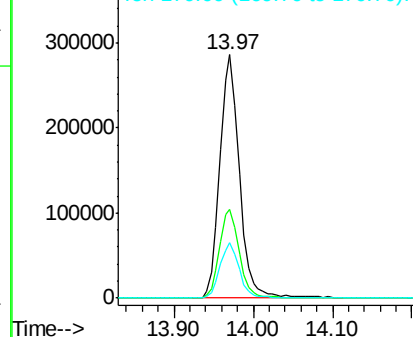


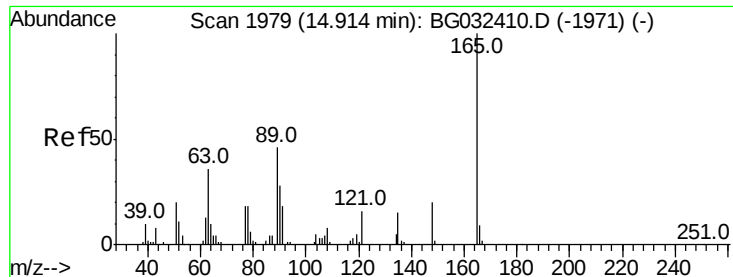
#44
 2-Fluorobiphenyl
 Concen: 80.471 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Tgt Ion:172 Resp: 491216
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 22.6 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

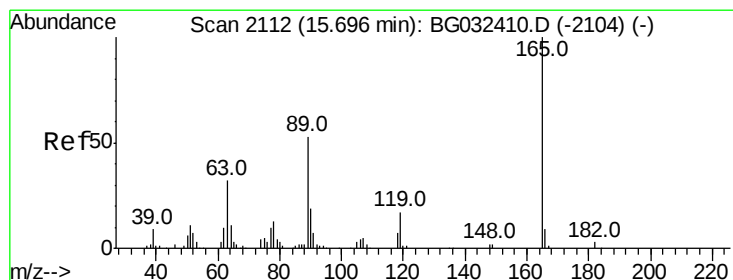
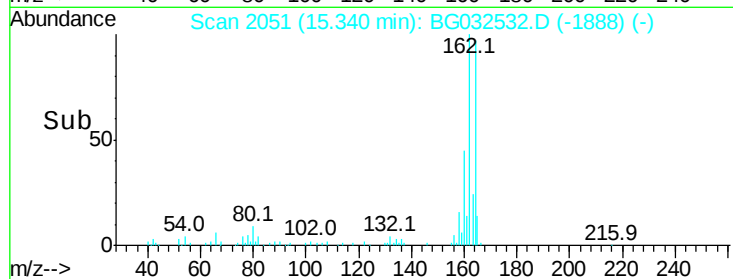
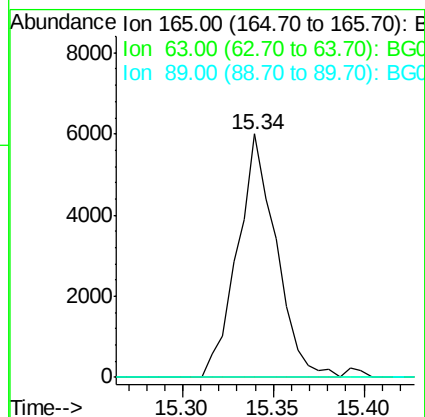
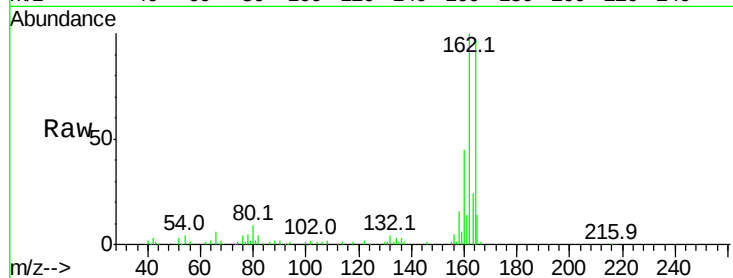




#50
 2,6-Dinitrotoluene
 Concen: 6.331 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.43 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

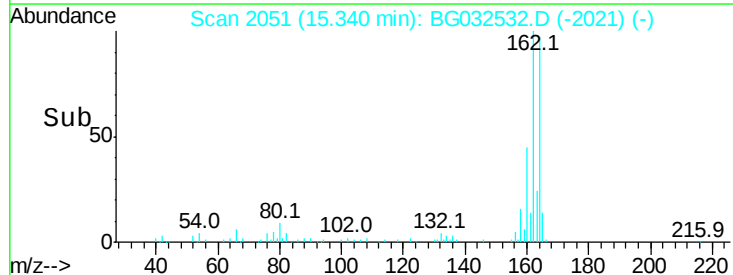
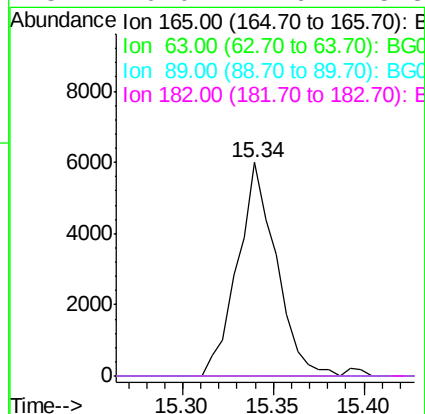
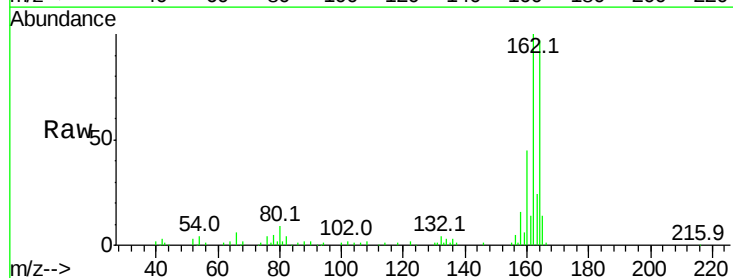
Instrument :
 BNA_G
 ClientSampleId :

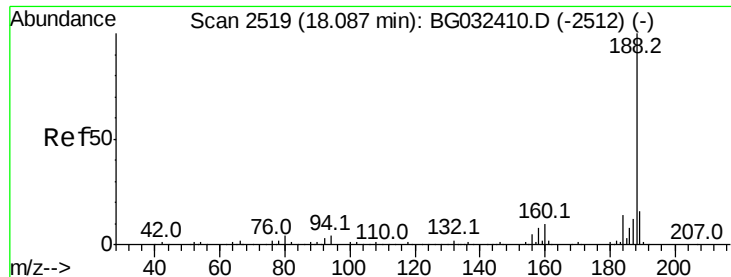
Tot Ion:165 Resp: 8889
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.446 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.36 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Tgt Ion:165 Resp: 8889
 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#

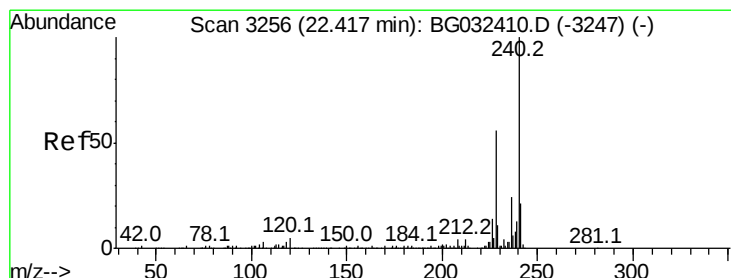
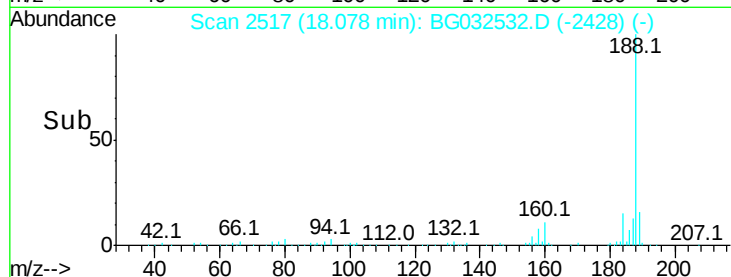
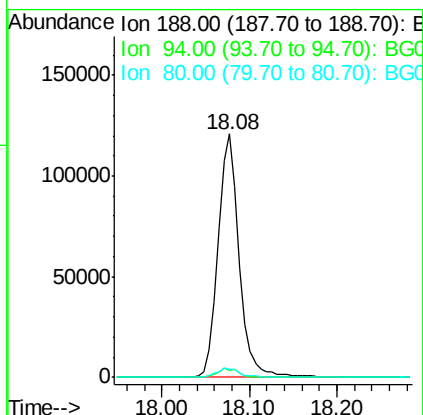
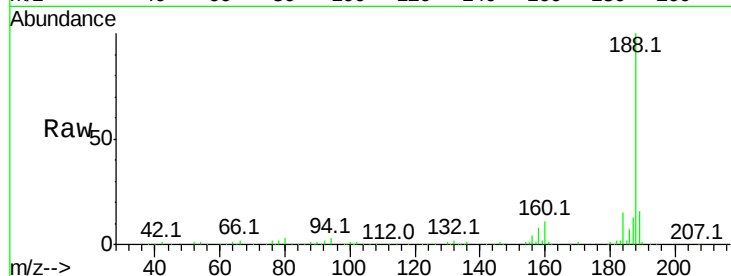




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032532.D
Acq: 3 Feb 2018 4:25

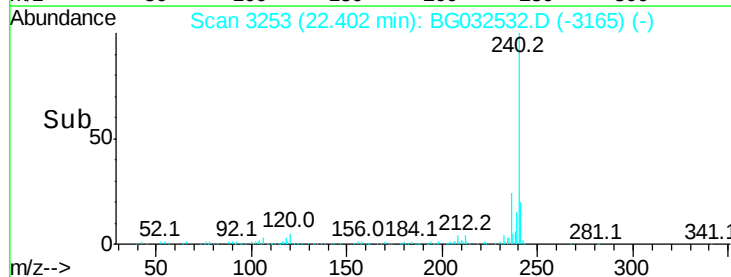
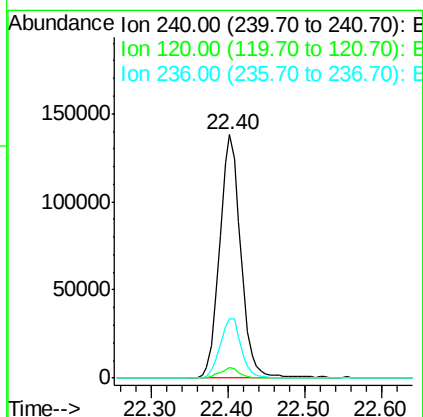
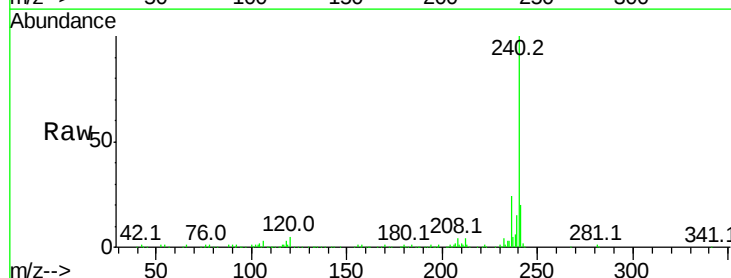
Instrument :
BNA_G
ClientSampleId :

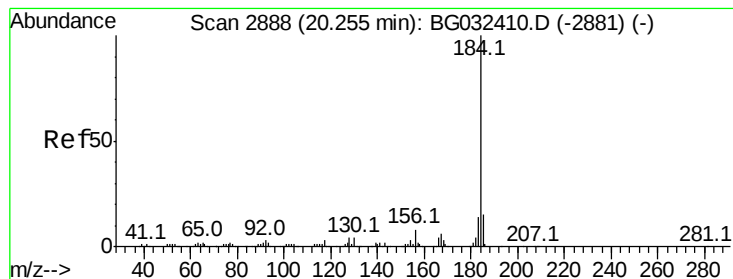
Tot Ion:188 Resp: 202261
Ion Ratio Lower Upper
188 100
94 3.0 6.9 10.3#
80 3.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032532.D
Acq: 3 Feb 2018 4:25

Tgt Ion:240 Resp: 262493
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 24.4 20.9 31.3





#76

Benzidine

Concen: 3.085 ng

RT: 20.62 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032532.D

Acq: 3 Feb 2018 4:25

Instrument :

BNA_G

ClientSampleId :

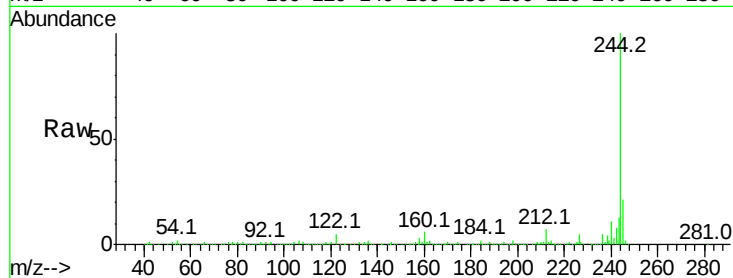
Tot Ion:184 Resp: 15902

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

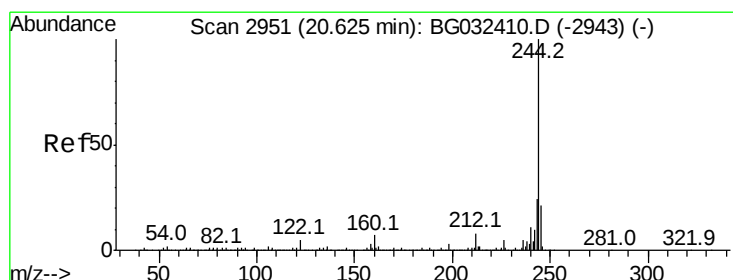
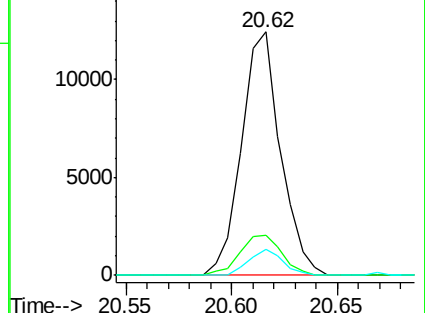
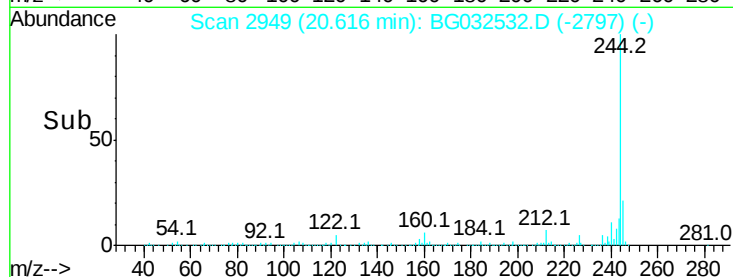
183 10.9 10.6 16.0



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: 91.122 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032532.D

Acq: 3 Feb 2018 4:25

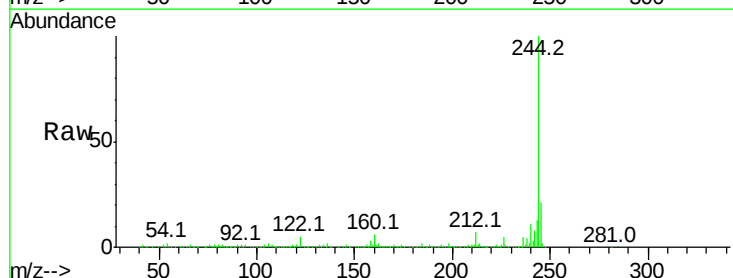
Tgt Ion:244 Resp: 1116620

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

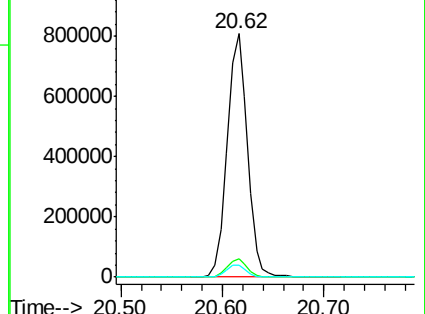
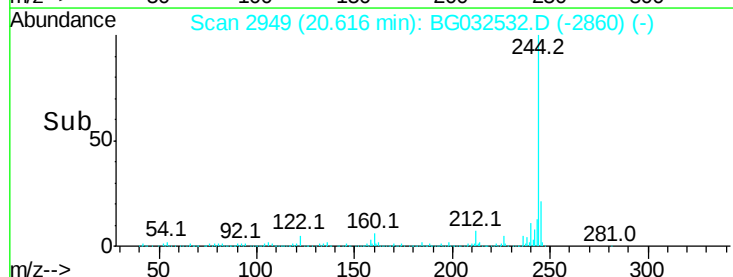
122 5.1 7.0 10.4#

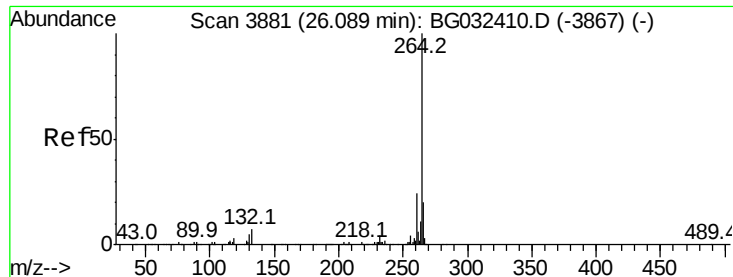


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

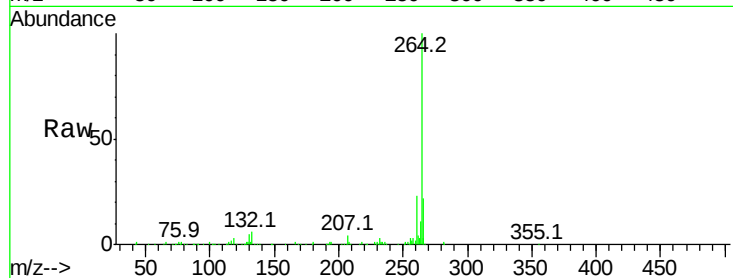




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3877
 Delta R.T. -0.02 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	22.2	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

