

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032599.D
 Acq On : 7 Feb 2018 18:27
 Operator : SJ/JU
 Sample : J1400-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 08 02:26:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

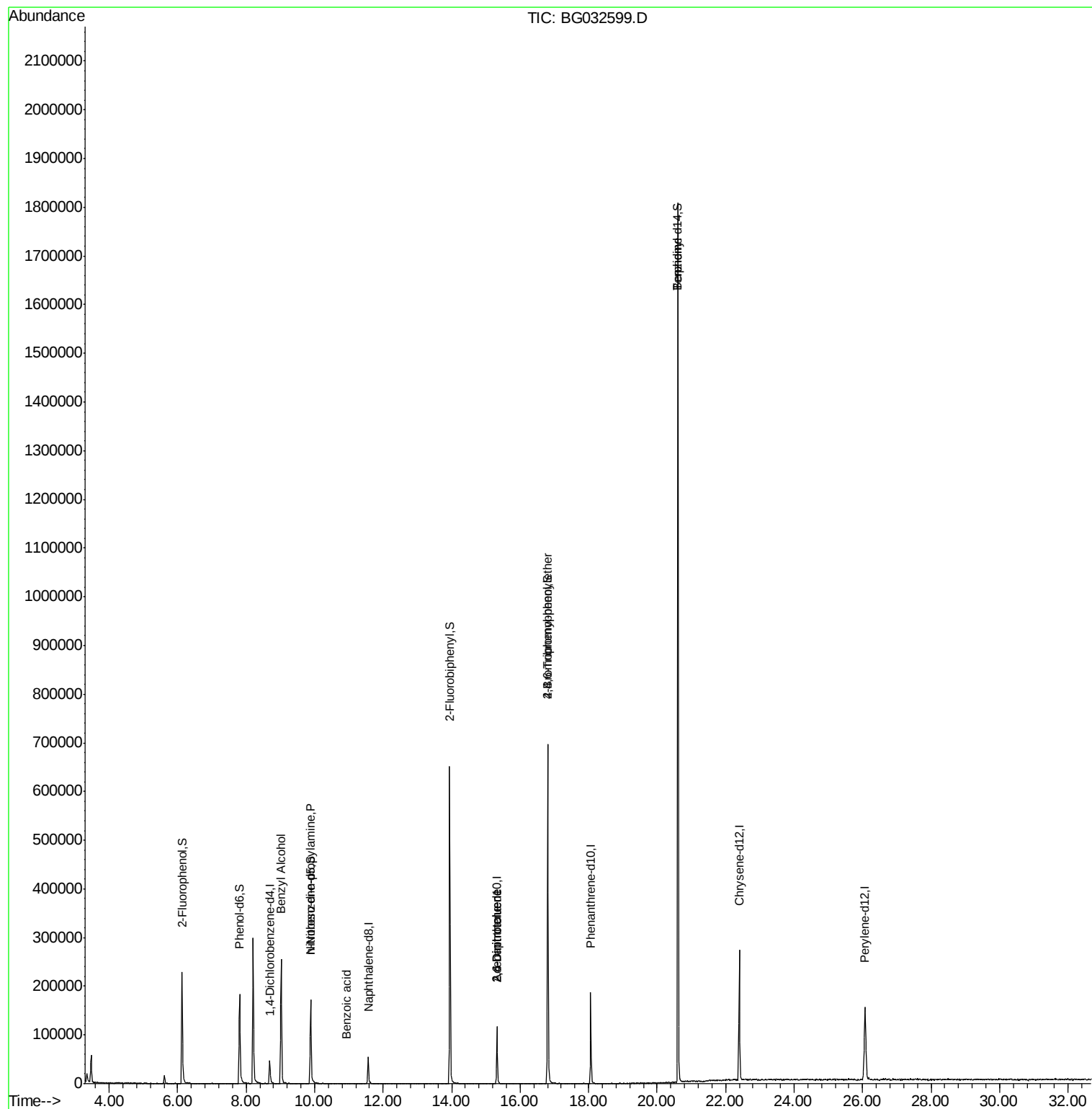
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	19589	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	62077	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	46687	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	130580	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	205228	20.00	ng	0.00
86) Perylene-d12	26.06	264	219535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	134661	138.07	ng	-0.01
7) Phenol-d6	7.81	99	139224	106.98	ng	-0.01
23) Nitrobenzene-d5	9.88	82	121288	122.04	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	180965	203.63	ng	-0.01
44) 2-Fluorobiphenyl	13.94	172	414423	105.50	ng	-0.03
78) Terphenyl-d14	20.61	244	1016802	106.13	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.01	79	2154	2.01	ng	# 63
19) n-Nitroso-di-n-propylamine	9.89	70	16905	19.59	ng	# 72
32) Benzoic acid	10.93	122	71	7.38	ng	# 1
50) 2,6-Dinitrotoluene	15.32	165	5683	6.29	ng	# 18
56) 2,4-Dinitrotoluene	15.32	165	5683	4.42	ng	# 16
66) 4-Bromophenyl-phenylether	16.81	248	13176	6.81	ng	# 1
76) Benzidine	20.61	184	14288	3.55	ng	# 91

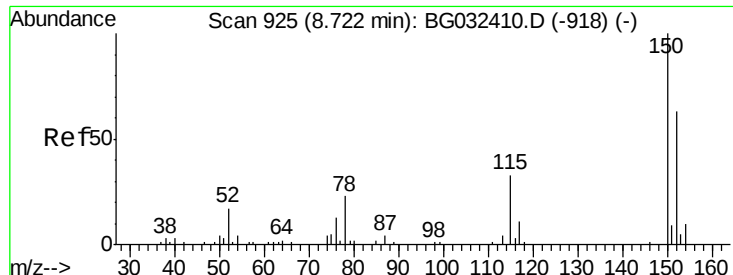
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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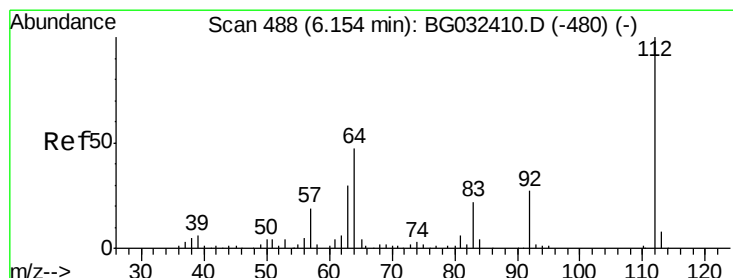
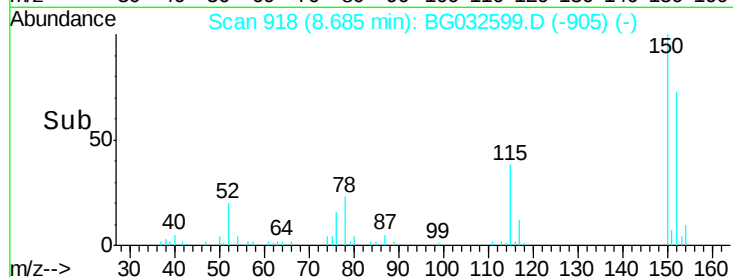
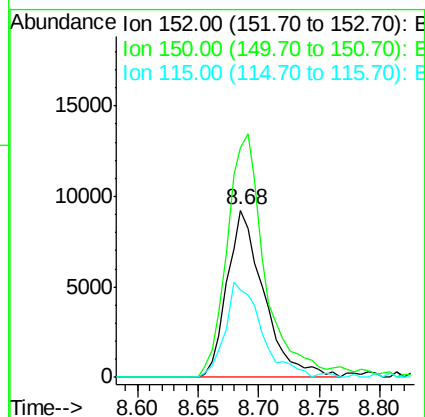
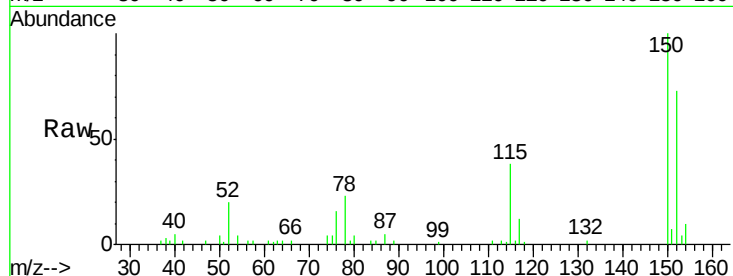


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032599.D
Acq: 7 Feb 2018 18:27

Instrument :
BNA_G
ClientSampleId :

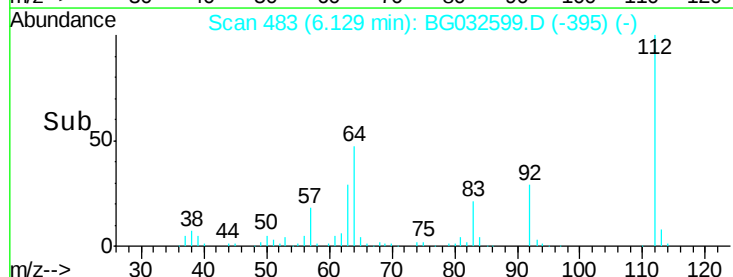
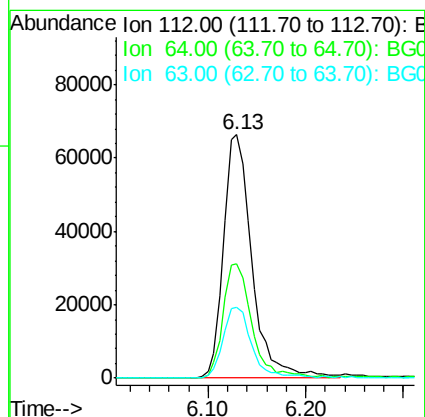
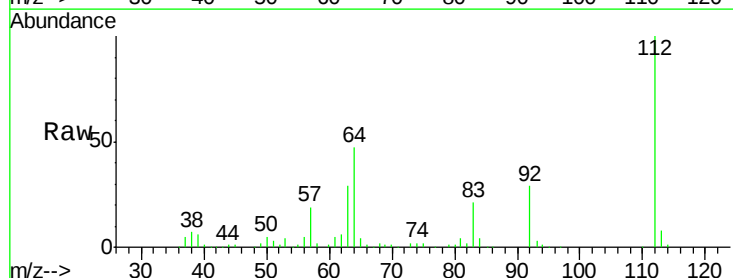
Tot Ion:152 Resp: 19589
Ion Ratio Lower Upper
152 100
150 137.3 126.6 189.8
115 52.5 53.0 79.4#



#5

2-Fluorophenol
Concen: 138.07 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.01 min
Lab File: BG032599.D
Acq: 7 Feb 2018 18:27

Tgt Ion:112 Resp: 134661
Ion Ratio Lower Upper
112 100
64 46.7 56.3 84.5#
63 29.3 30.1 45.1#





#7

Phenol-d6

Concen: 106.98 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

Instrument :

BNA_G

ClientSampleId :

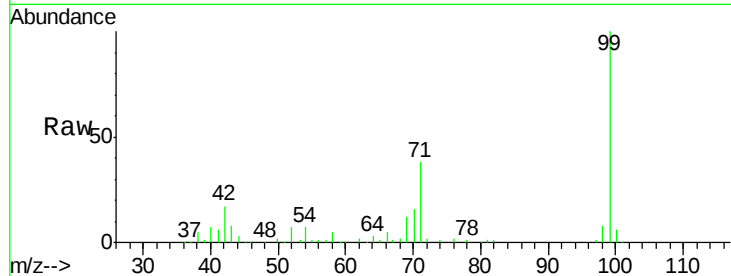
Tot Ion: 99 Resp: 139224

Ion Ratio Lower Upper

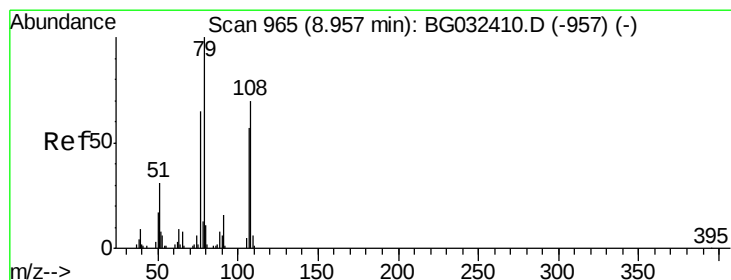
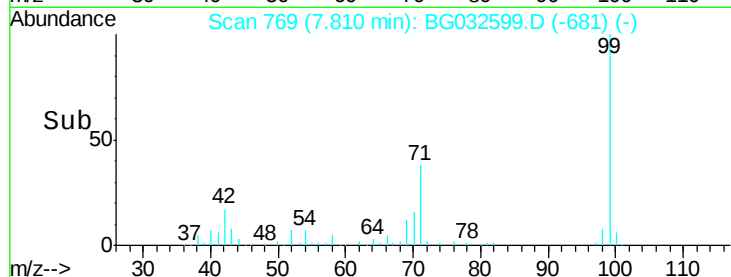
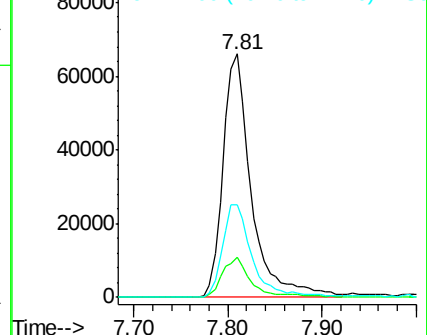
99 100

42 16.7 14.1 21.1

71 38.1 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: 2.01 ng

RT: 9.01 min Scan# 974

Delta R.T. 0.07 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

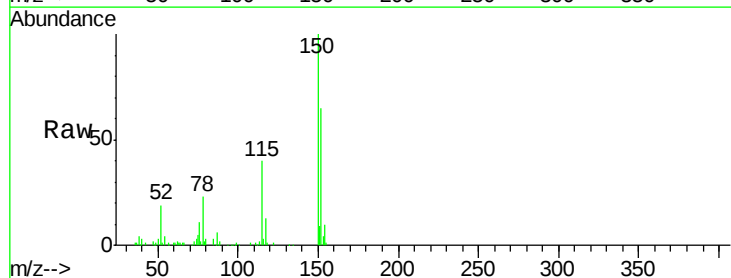
Tgt Ion: 79 Resp: 2154

Ion Ratio Lower Upper

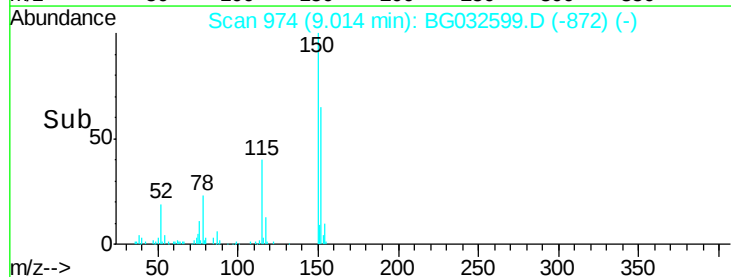
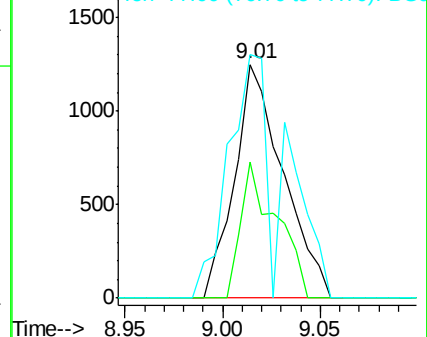
79 100

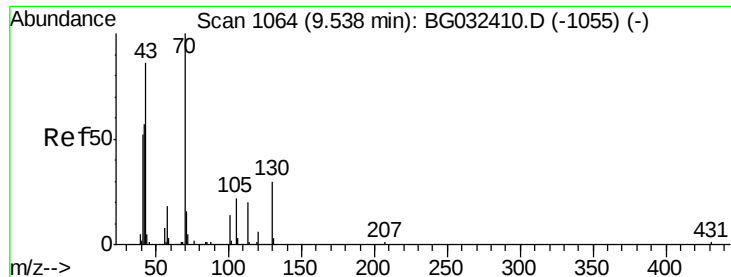
108 58.2 57.2 85.8

77 104.2 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

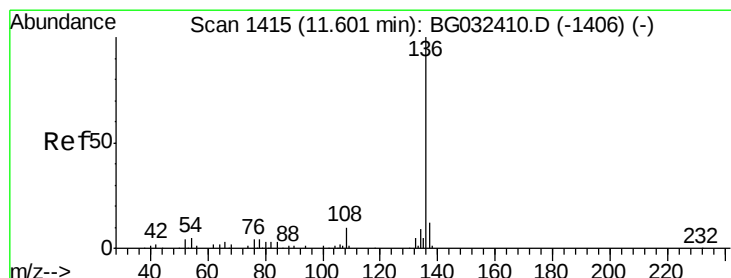
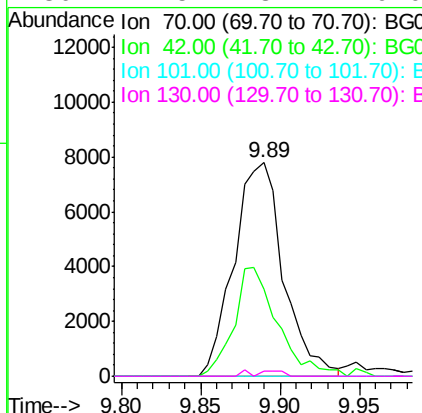
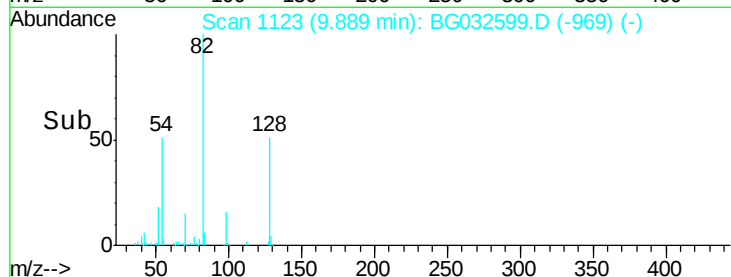
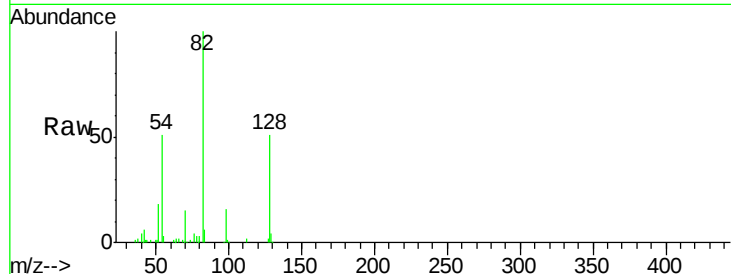




#19
n-Nitroso-di-n-propylamine
Concen: 19.59 ng
RT: 9.89 min Scan# 1123
Delta R.T. 0.37 min
Lab File: BG032599.D
Acq: 7 Feb 2018 18:27

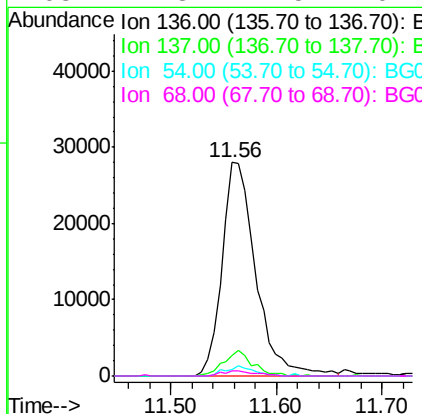
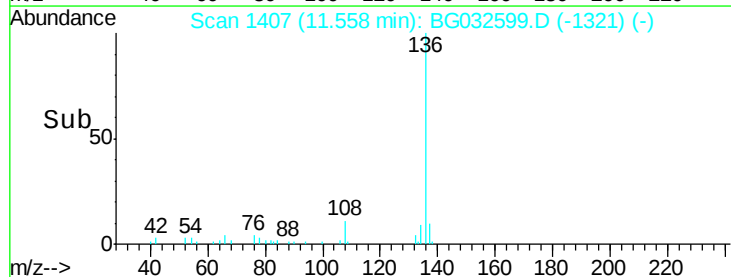
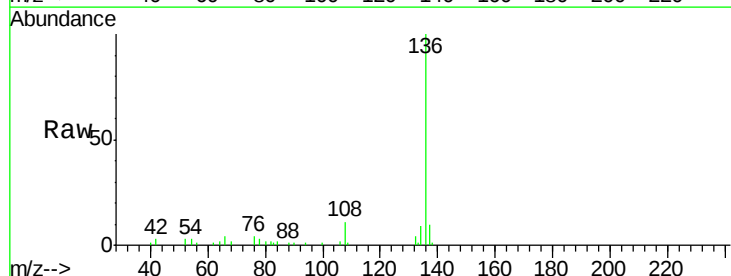
Instrument :
BNA_G
ClientSampleId :

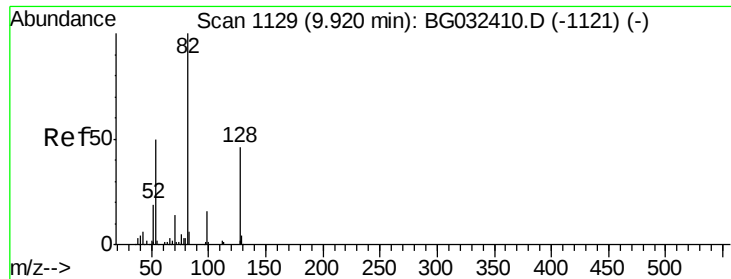
Tot Ion: 70 Resp: 16905
Ion Ratio Lower Upper
70 100
42 41.0 49.1 73.7#
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BG032599.D
Acq: 7 Feb 2018 18:27

Tgt Ion: 136 Resp: 62077
Ion Ratio Lower Upper
136 100
137 9.8 9.2 13.8
54 3.2 10.3 15.5#
68 2.3 4.5 6.7#

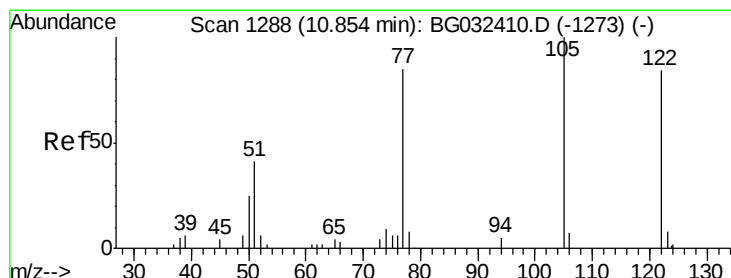
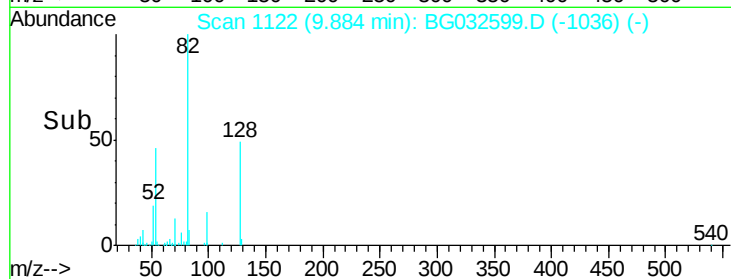
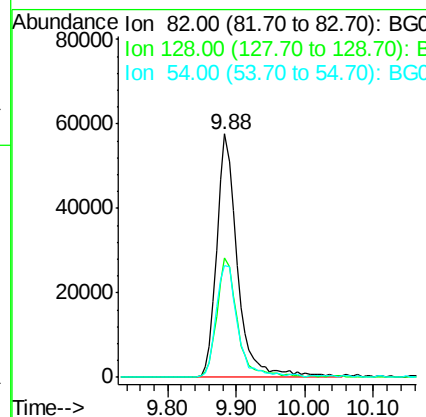
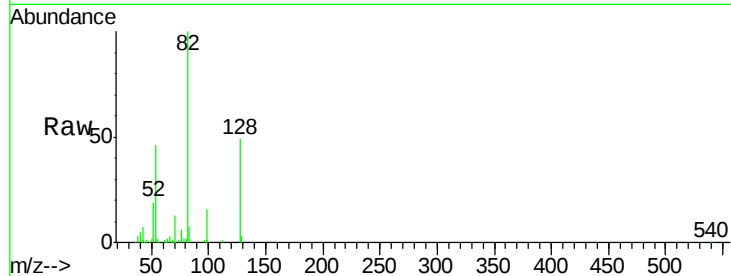




#23
 Nitrobenzene-d5
 Concen: 122.04 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032599.D
 Acq: 7 Feb 2018 18:27

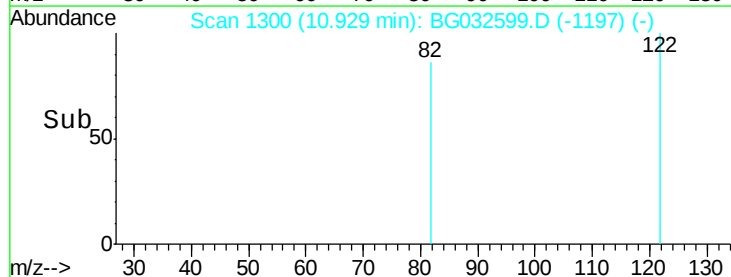
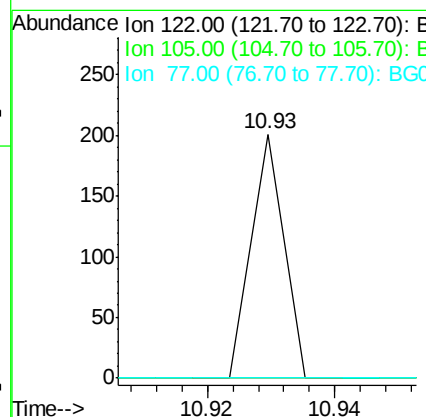
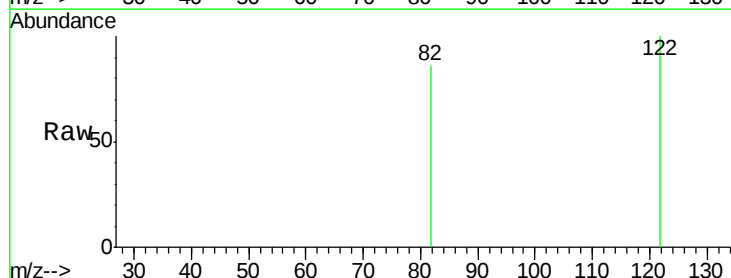
Instrument :
 BNA_G
 ClientSampleId :

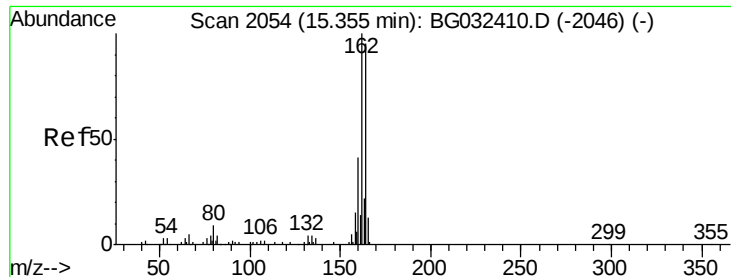
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	29.7	44.5#
54	45.9	43.1	64.7



#32
 Benzoic acid
 Concen: 7.38 ng
 RT: 10.93 min Scan# 1300
 Delta R.T. 0.07 min
 Lab File: BG032599.D
 Acq: 7 Feb 2018 18:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

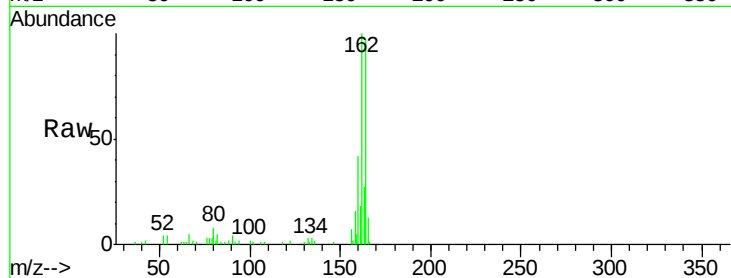
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 46687

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	43.1	35.4	53.0

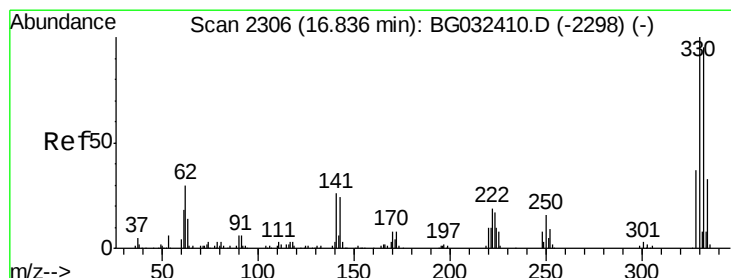
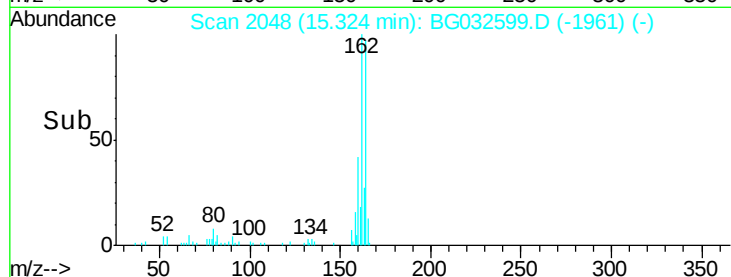
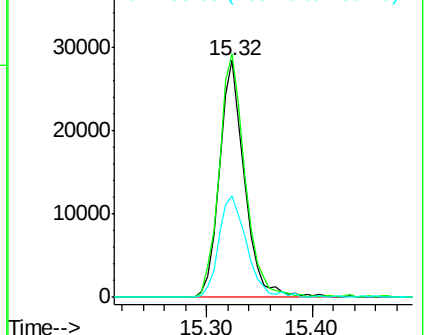


Abundance

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: 203.63 ng

RT: 16.80 min Scan# 2300

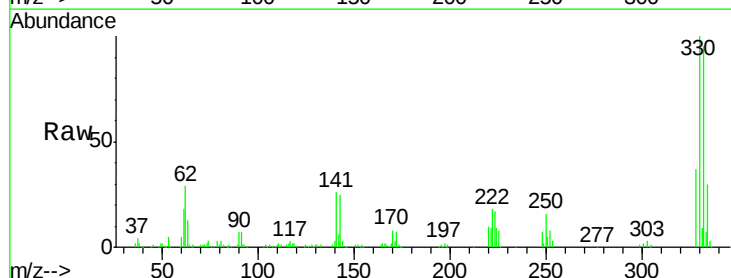
Delta R.T. -0.01 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

Tgt Ion:330 Resp: 180965

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	25.4	25.2	37.8

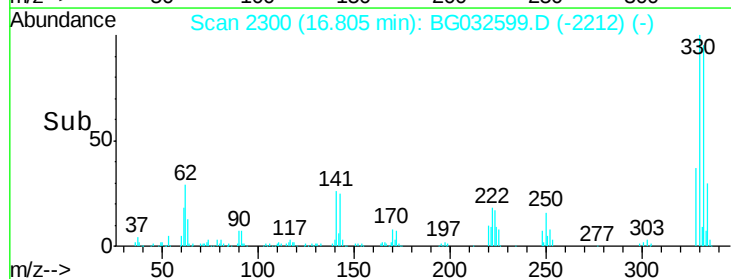
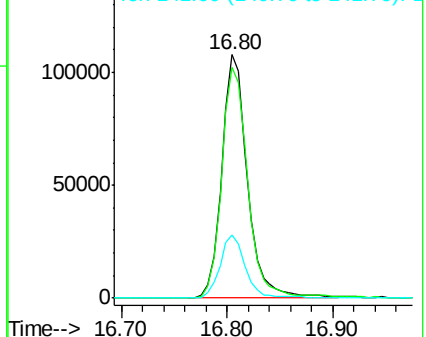


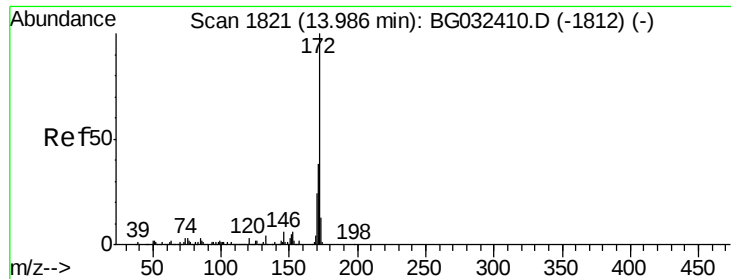
Abundance

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

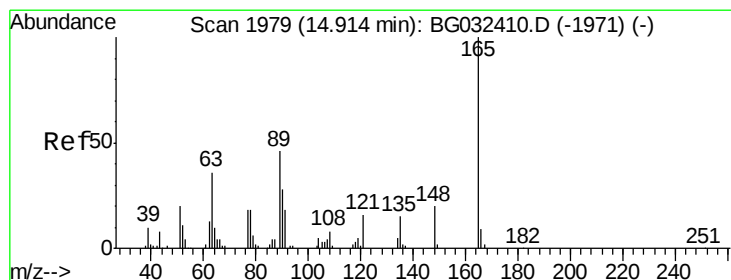
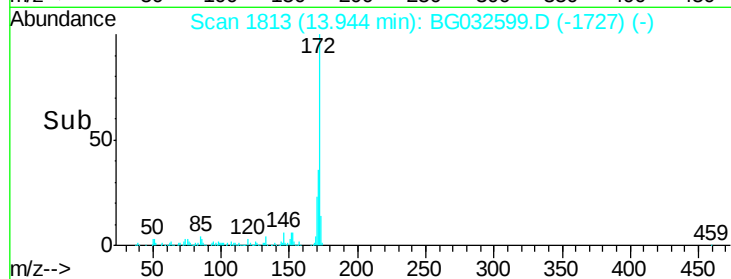
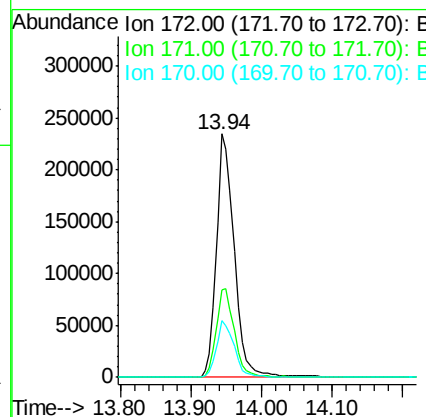
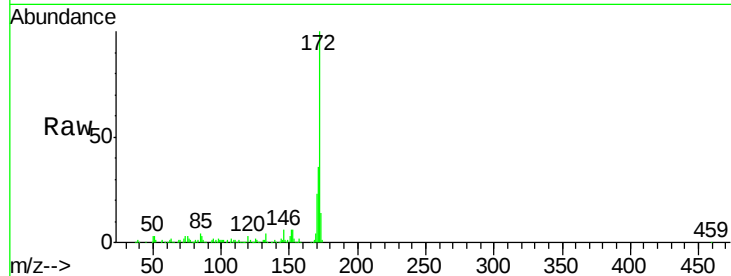




#44
 2-Fluorobiphenyl
 Concen: 105.50 ng
 RT: 13.94 min Scan# 1813
 Delta R.T. -0.03 min
 Lab File: BG032599.D
 Acq: 7 Feb 2018 18:27

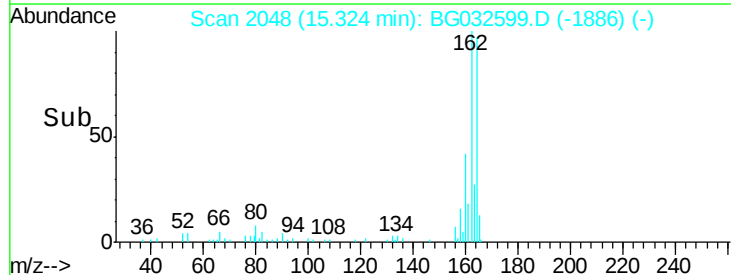
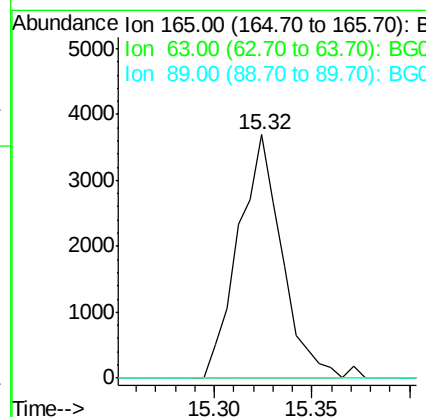
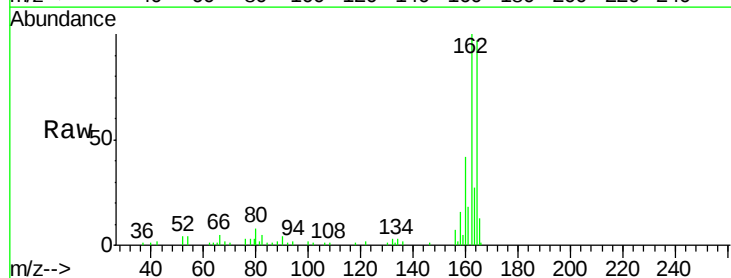
Instrument :
 BNA_G
 ClientSampleId :

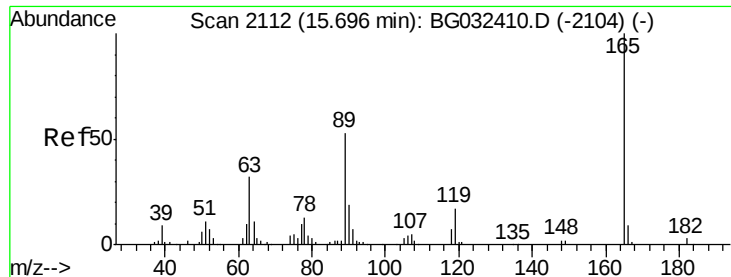
Tot Ion:172 Resp: 414423
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 23.5 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.29 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. 0.42 min
 Lab File: BG032599.D
 Acq: 7 Feb 2018 18:27

Tgt Ion:165 Resp: 5683
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

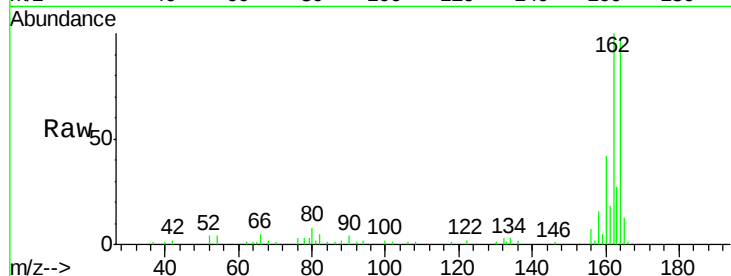




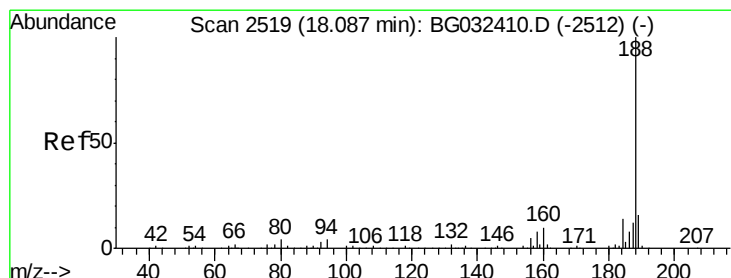
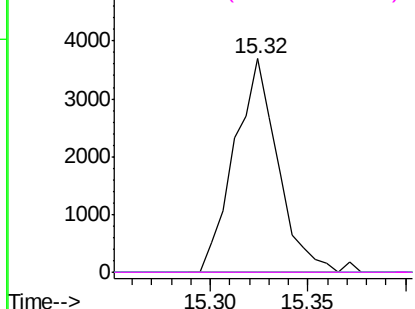
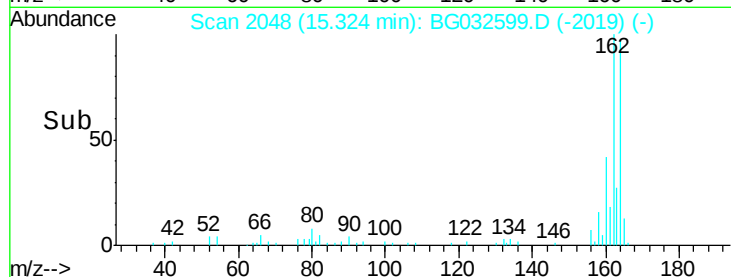
#56
 2,4-Dinitrotoluene
 Concen: 4.42 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.36 min
 Lab File: BG032599.D
 Acq: 7 Feb 2018 18:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 5683
 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#

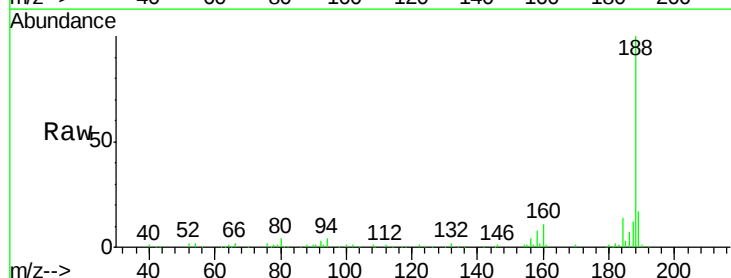


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

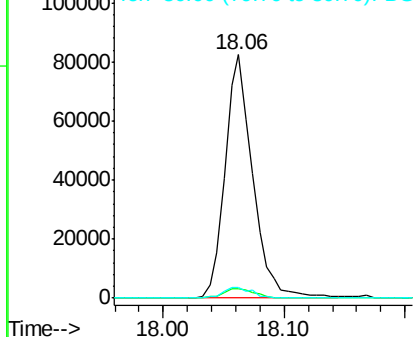
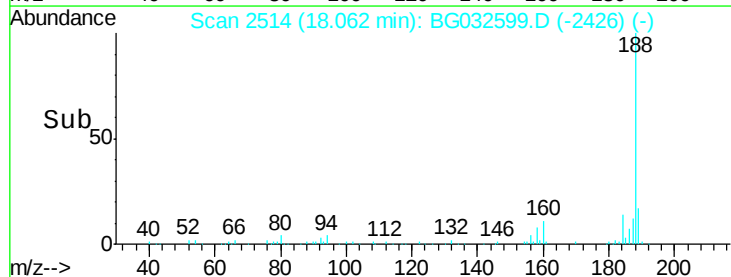


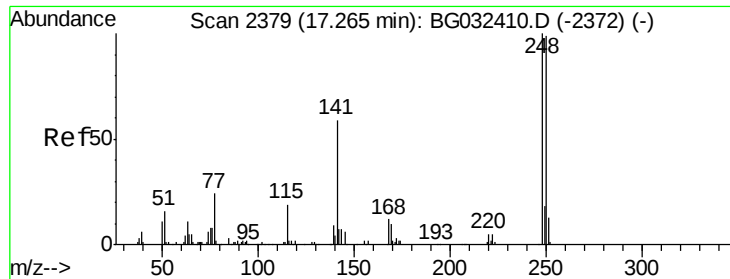
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.06 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG032599.D
 Acq: 7 Feb 2018 18:27

Tgt Ion:188 Resp: 130580
 Ion Ratio Lower Upper
 188 100
 94 3.9 6.9 10.3#
 80 4.2 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

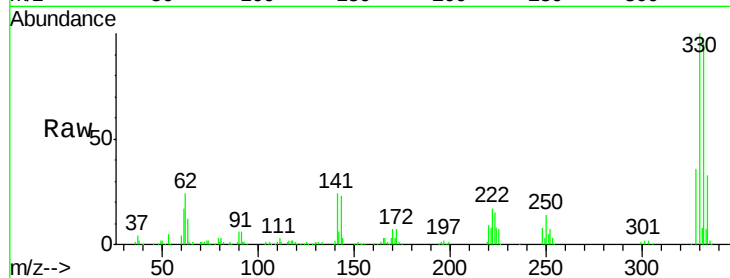




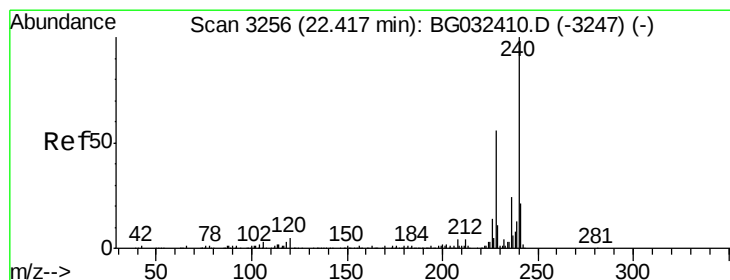
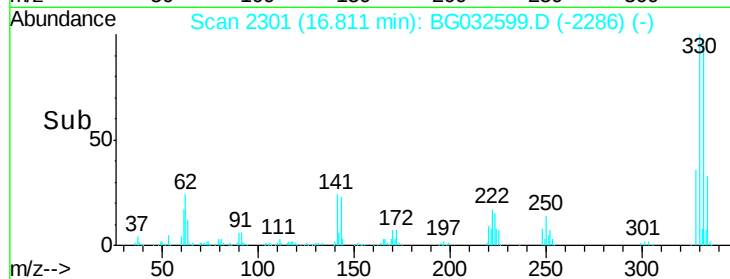
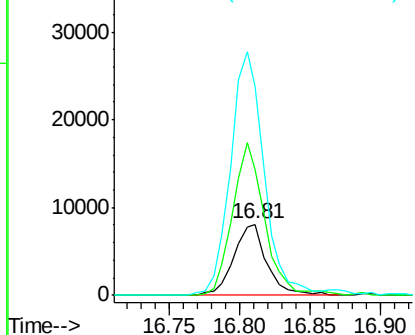
#66
4-Bromophenyl-phenylether
Concen: 6.81 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.44 min
Lab File: BG032599.D
Acq: 7 Feb 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 13176
Ion Ratio Lower Upper
248 100
250 177.1 77.1 115.7#
141 293.4 50.8 76.2#

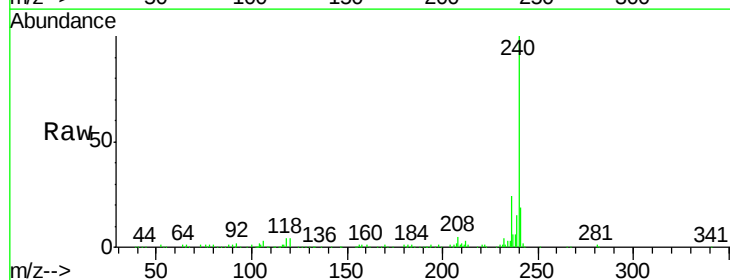


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

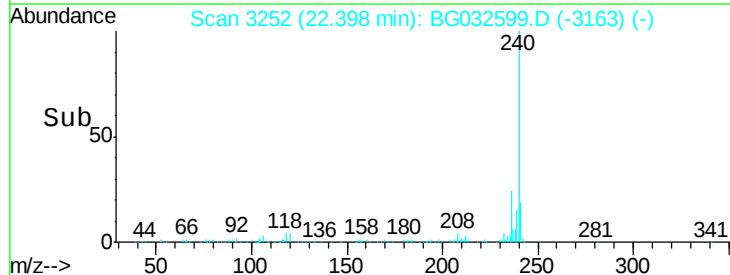
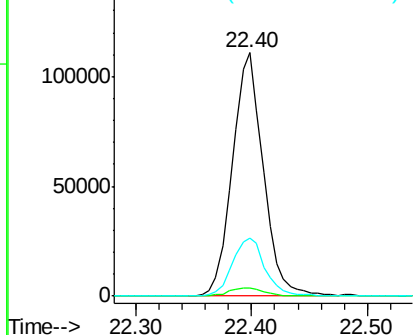


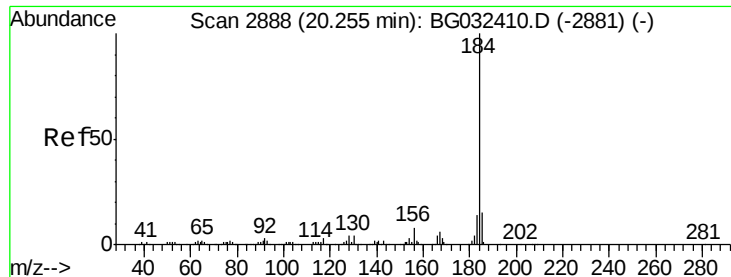
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.40 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032599.D
Acq: 7 Feb 2018 18:27

Tgt Ion:240 Resp: 205228
Ion Ratio Lower Upper
240 100
120 3.6 6.8 10.2#
236 24.1 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

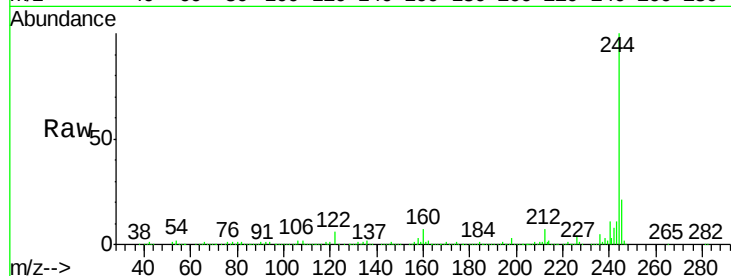




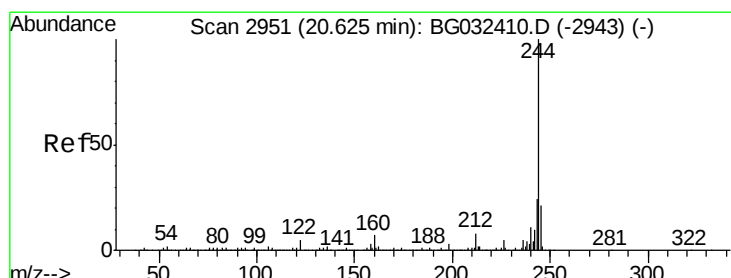
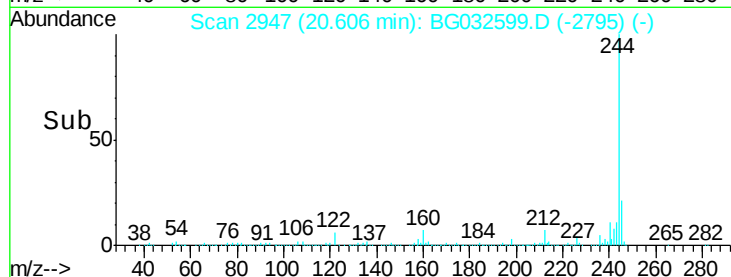
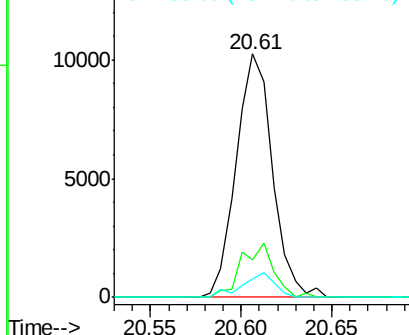
#76
Benzidine
Concen: 3.55 ng
RT: 20.61 min Scan# 2947
Delta R.T. 0.36 min
Lab File: BG032599.D
Acq: 7 Feb 2018 18:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 14288
Ion Ratio Lower Upper
184 100
185 15.6 11.1 16.7
183 7.8 10.6 16.0#

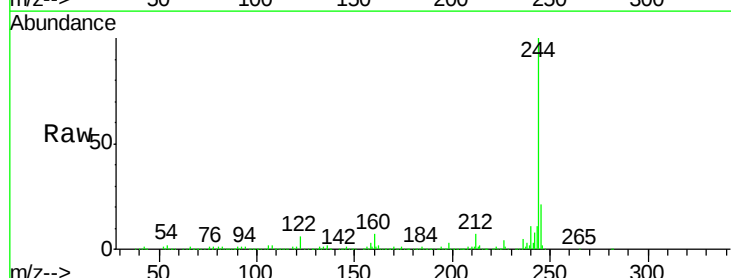


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

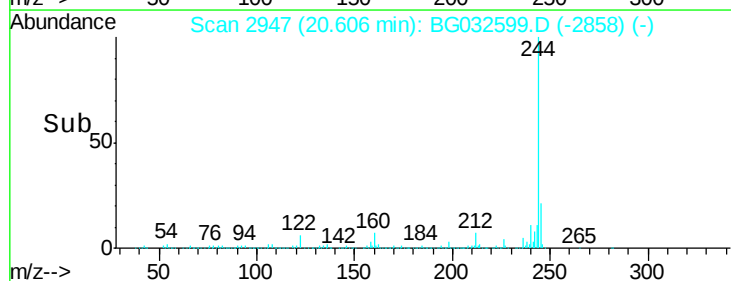
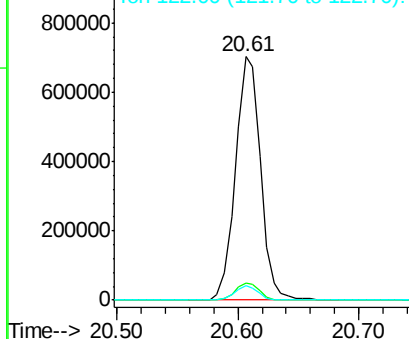


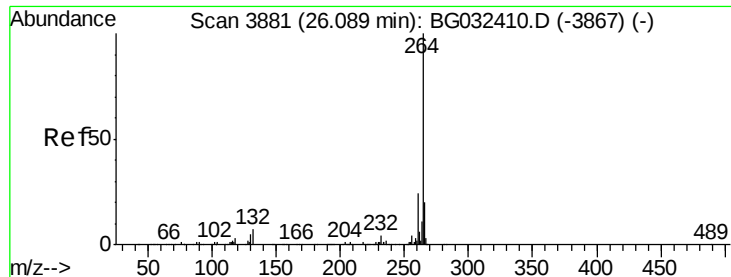
#78
Terphenyl-d14
Concen: 106.13 ng
RT: 20.61 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032599.D
Acq: 7 Feb 2018 18:27

Tgt Ion:244 Resp: 1016802
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 5.8 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: 20.00 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.00 min
 Lab File: BG032599.D
 Acq: 7 Feb 2018 18:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.4	26.0
265	21.2	17.7	26.5

