

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032493.D
 Acq On : 1 Feb 2018 17:13
 Operator : SJ/JU
 Sample : J1410-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 01 17:55:58 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

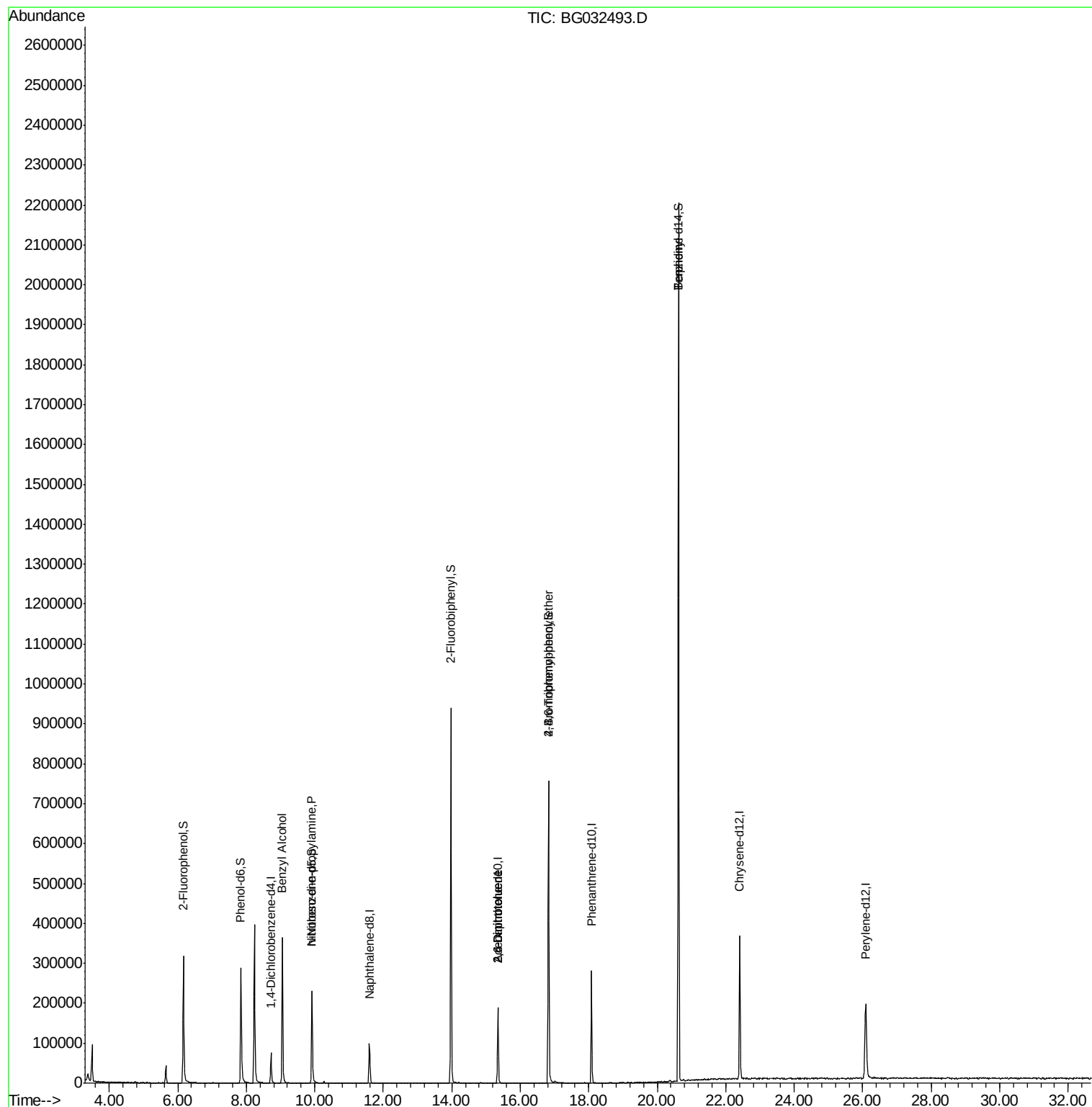
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	28262	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	107214	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	77296	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	204829	20.00	ng	0.00
75) Chrysene-d12	22.41	240	272976	20.00	ng	-0.01
86) Perylene-d12	26.09	264	285263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	180019	127.94	ng	0.00
7) Phenol-d6	7.84	99	201312	107.22	ng	0.01
23) Nitrobenzene-d5	9.92	82	158513	92.35	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	187948	127.74	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	573499	88.19	ng	-0.01
78) Terphenyl-d14	20.62	244	1195951	93.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.06	79	3327	2.150	ng	# 61
19) n-Nitroso-di-n-propylamine	9.92	70	22816	18.327	ng	# 72
50) 2,6-Dinitrotoluene	15.34	165	9994	6.681	ng	# 20
56) 2,4-Dinitrotoluene	15.34	165	9994	4.692	ng	# 18
66) 4-Bromophenyl-phenylether	16.82	248	16730	5.513	ng	# 1
76) Benzidine	20.62	184	17013	3.174	ng	96

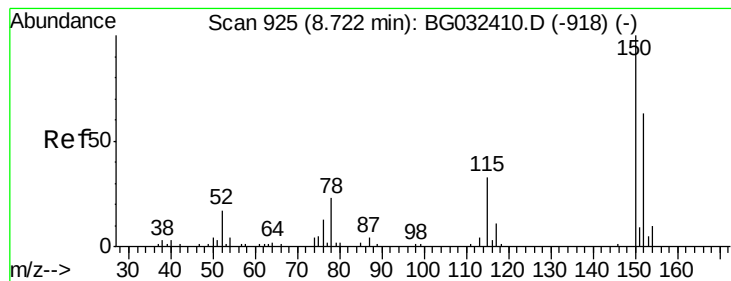
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032493.D
Acq On : 1 Feb 2018 17:13
Operator : SJ/JU
Sample : J1410-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 01 17:55:58 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



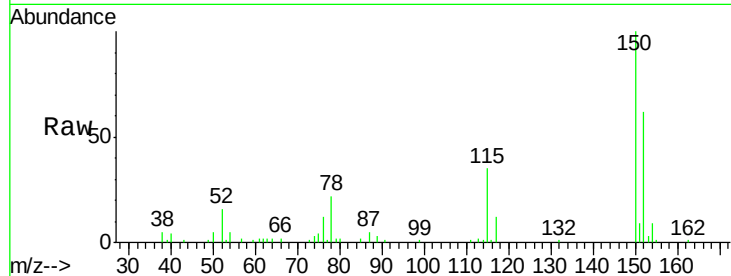


#1

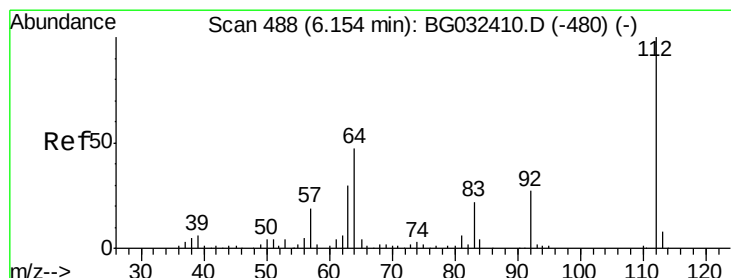
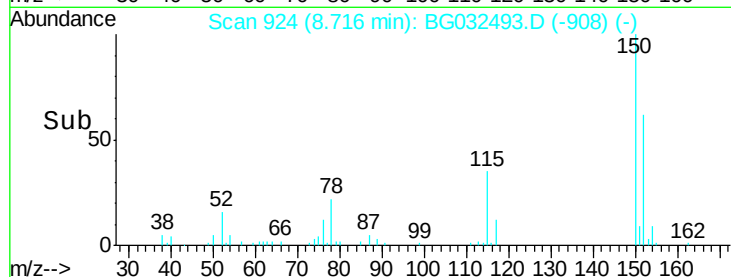
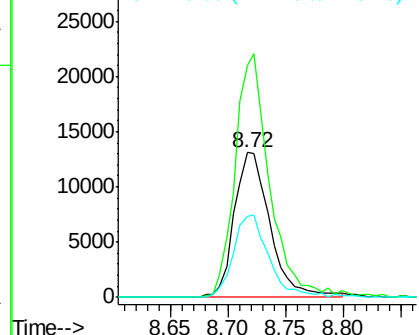
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032493.D
Acq: 1 Feb 2018 17:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 28262
Ion Ratio Lower Upper
152 100
150 160.6 126.6 189.8
115 56.4 53.0 79.4



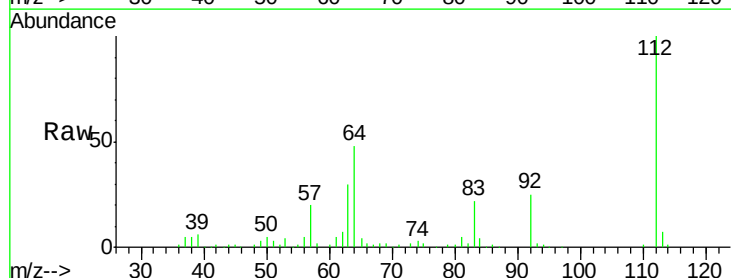
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



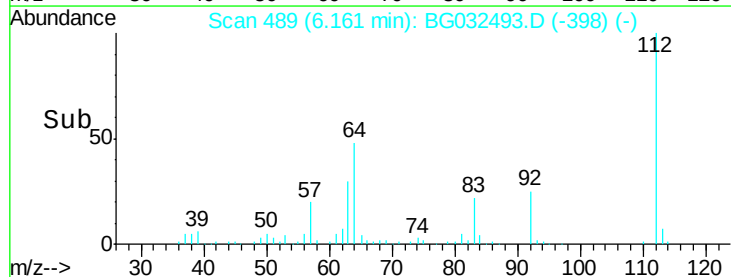
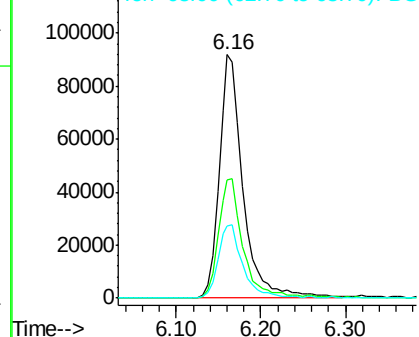
#5

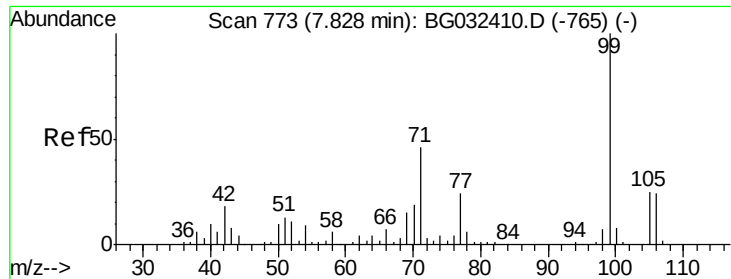
2-Fluorophenol
Concen: 127.938 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032493.D
Acq: 1 Feb 2018 17:13

Tgt Ion:112 Resp: 180019
Ion Ratio Lower Upper
112 100
64 48.5 56.3 84.5#
63 29.6 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: 107.216 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

Instrument :

BNA_G

ClientSampleId :

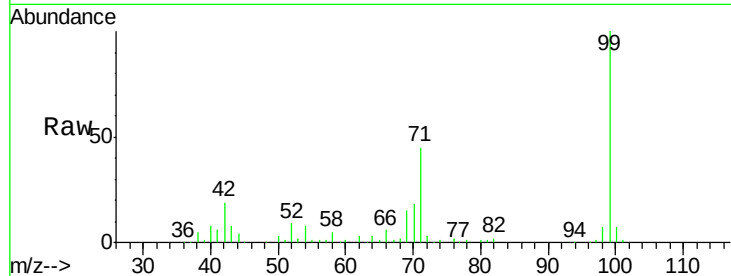
Tot Ion: 99 Resp: 201312

Ion Ratio Lower Upper

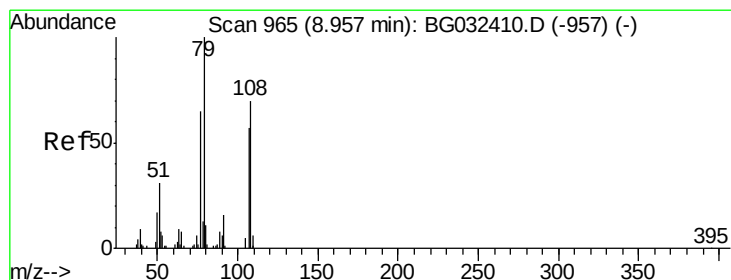
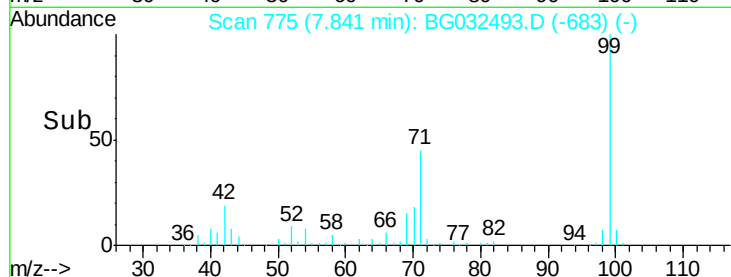
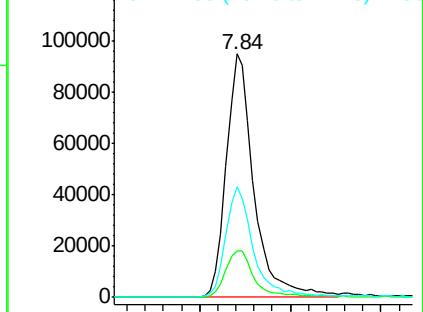
99 100

42 19.3 14.1 21.1

71 45.5 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: 2.150 ng

RT: 9.06 min Scan# 982

Delta R.T. 0.10 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

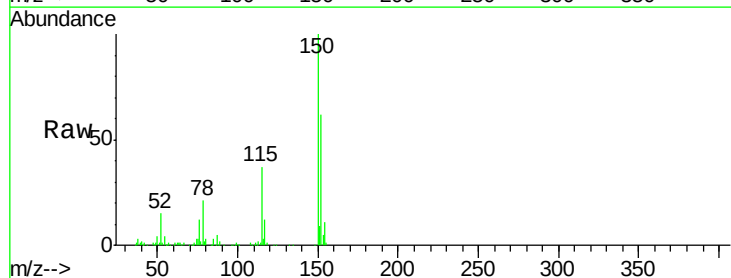
Tgt Ion: 79 Resp: 3327

Ion Ratio Lower Upper

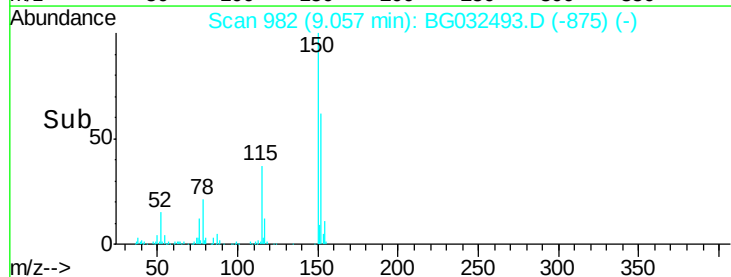
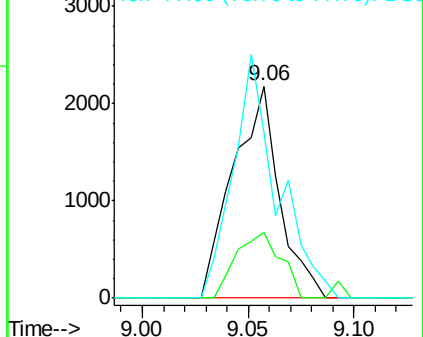
79 100

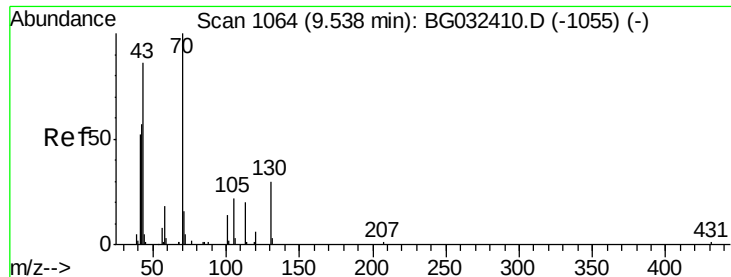
108 30.9 57.2 85.8#

77 78.1 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

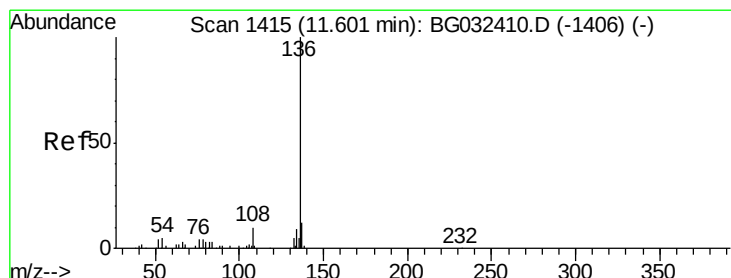
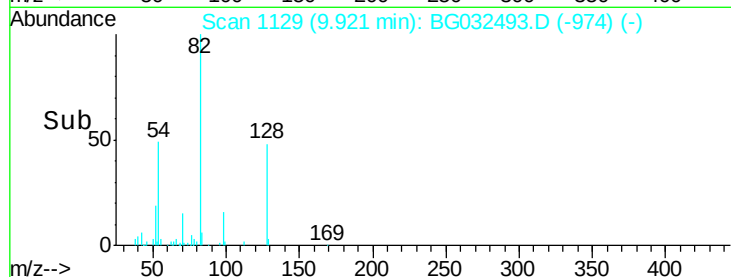
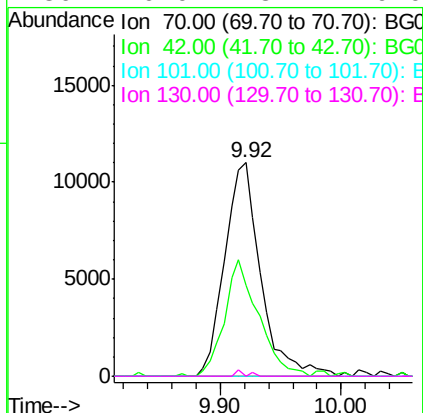
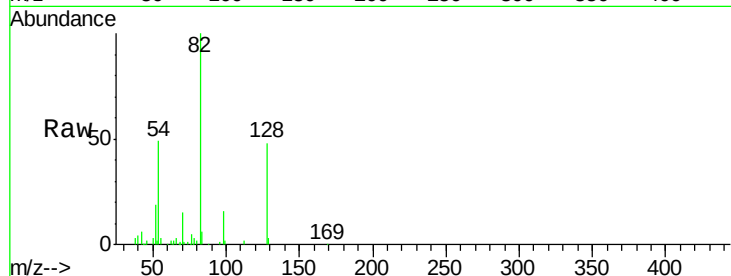




#19
n-Nitroso-di-n-propylamine
Concen: 18.327 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032493.D
Acq: 1 Feb 2018 17:13

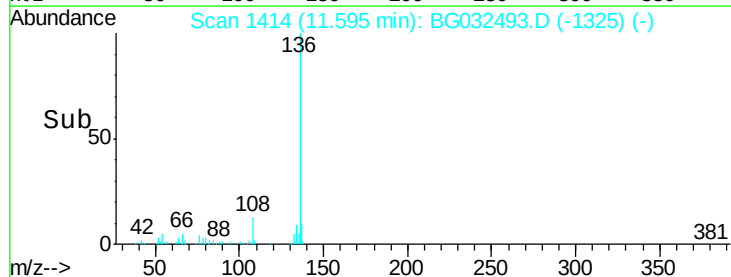
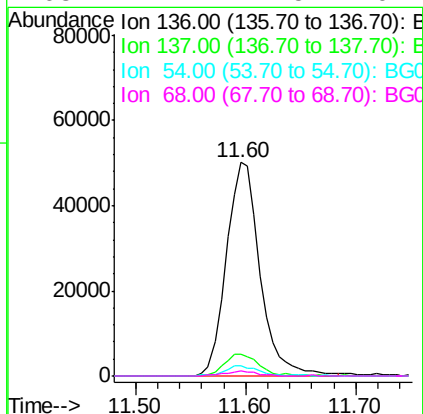
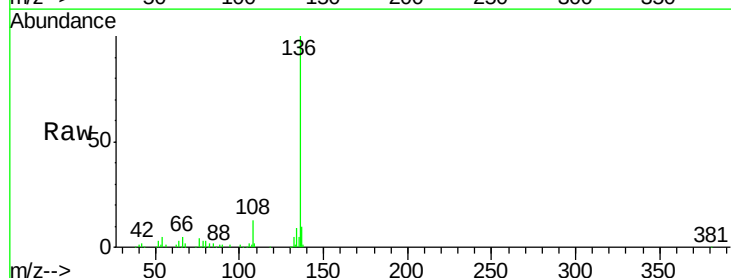
Instrument :
BNA_G
ClientSampleId :

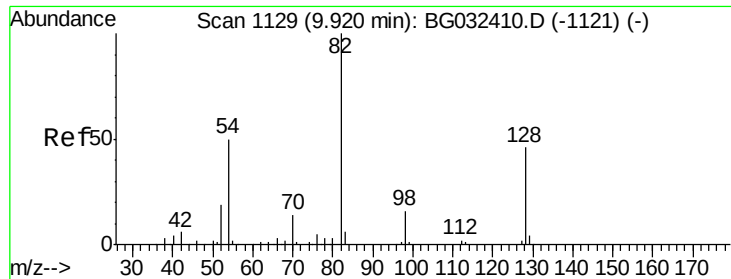
Tot Ion: 70 Resp: 22816
Ion Ratio Lower Upper
70 100
42 42.3 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG032493.D
Acq: 1 Feb 2018 17:13

Tgt Ion: 136 Resp: 107214
Ion Ratio Lower Upper
136 100
137 10.0 9.2 13.8
54 4.8 10.3 15.5#
68 2.4 4.5 6.7#

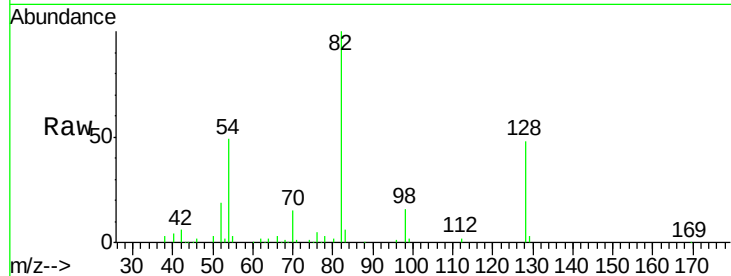




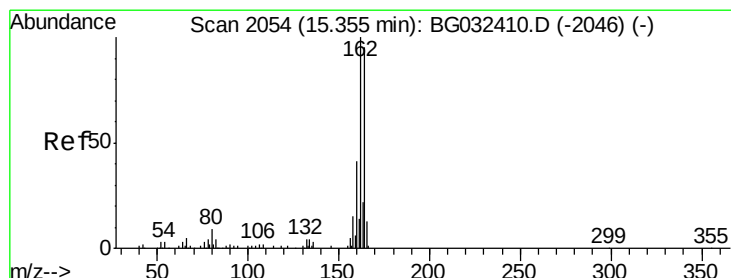
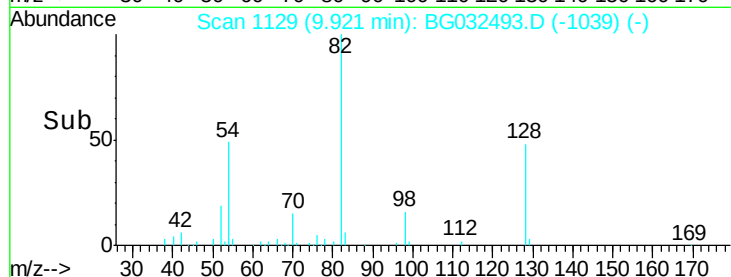
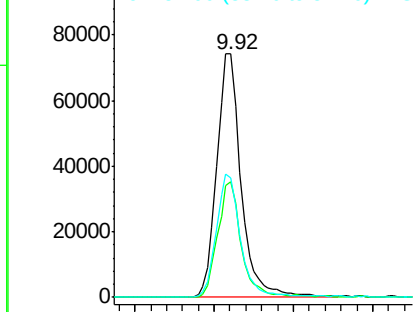
#23
 Nitrobenzene-d5
 Concen: 92.346 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032493.D
 Acq: 1 Feb 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	158513
Ion Ratio	Lower	Upper	
82	100		
128	47.6	29.7	44.5#
54	48.9	43.1	64.7

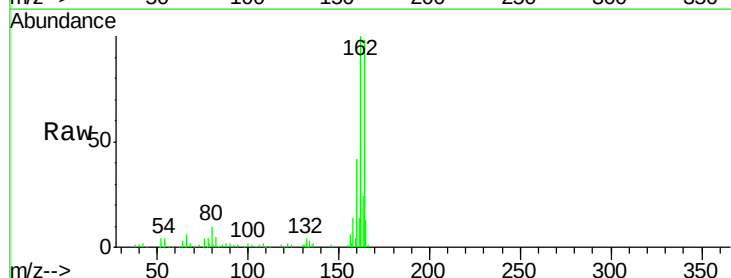


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

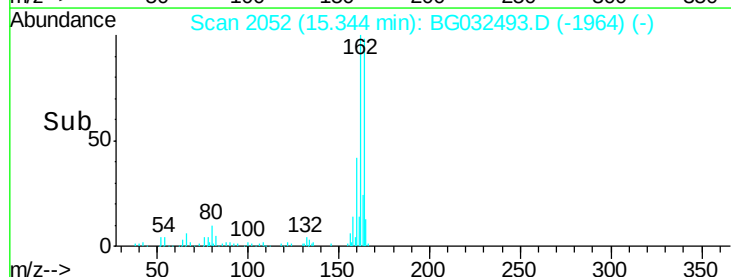
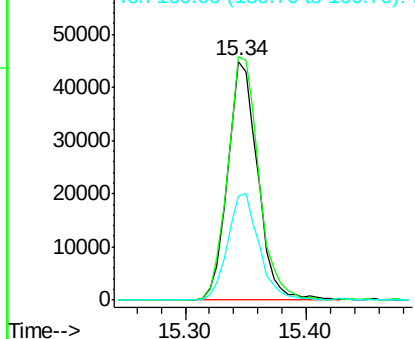


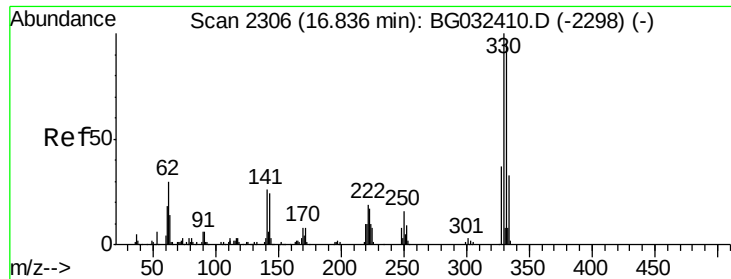
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032493.D
 Acq: 1 Feb 2018 17:13

Tgt Ion	164	Resp	77296
Ion Ratio	Lower	Upper	
164	100		
162	101.9	78.8	118.2
160	43.3	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

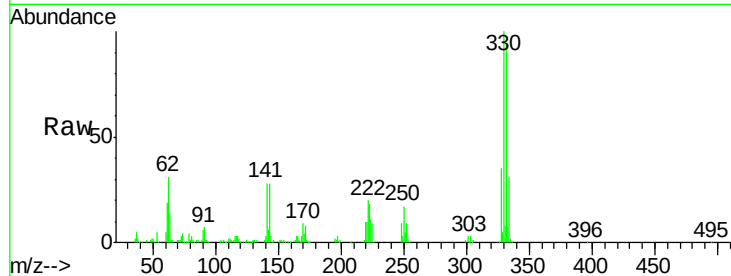




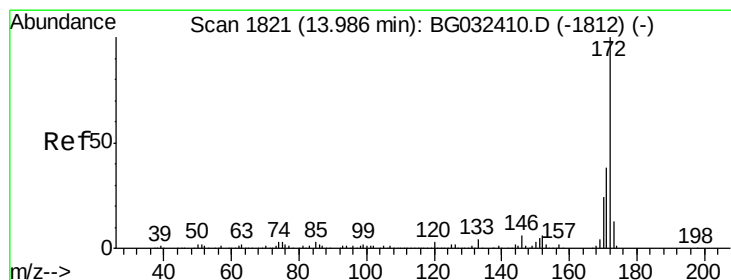
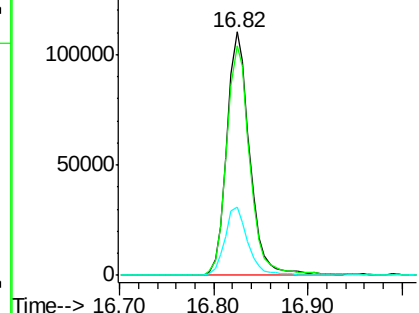
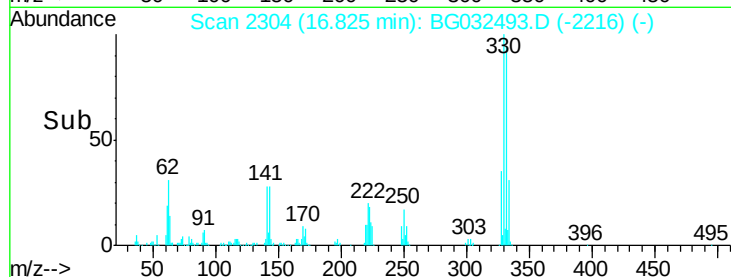
#41
 2,4,6-Tribromophenol
 Concen: 127.740 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032493.D
 Acq: 1 Feb 2018 17:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.4	25.2	37.8

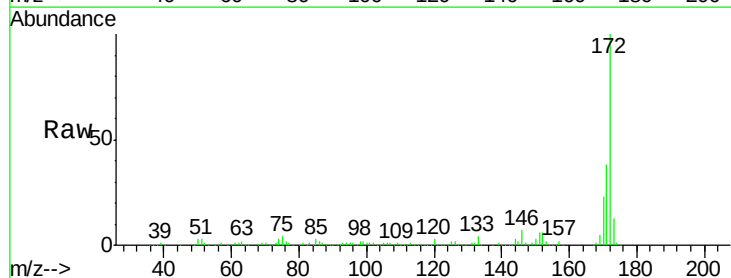


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

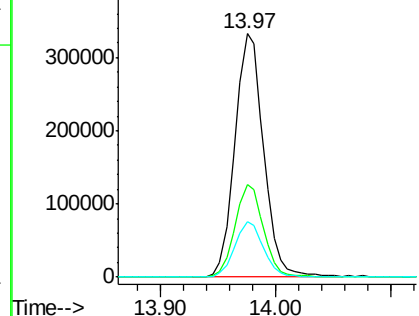
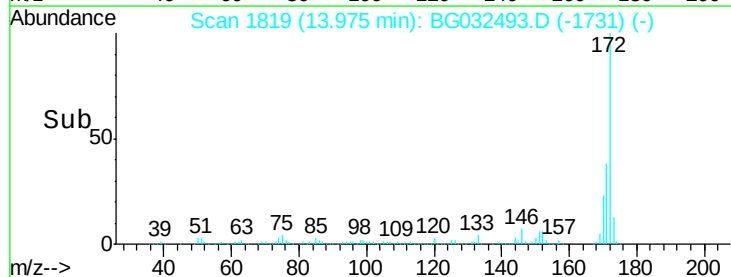


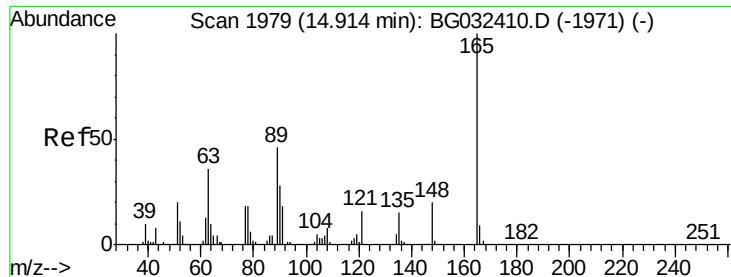
#44
 2-Fluorobiphenyl
 Concen: 88.186 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032493.D
 Acq: 1 Feb 2018 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.0	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

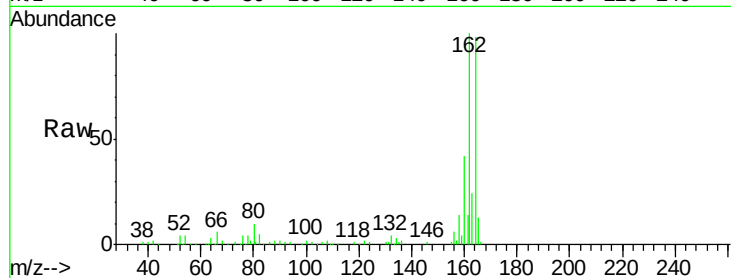




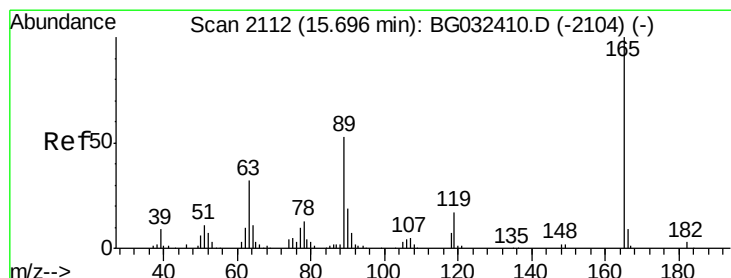
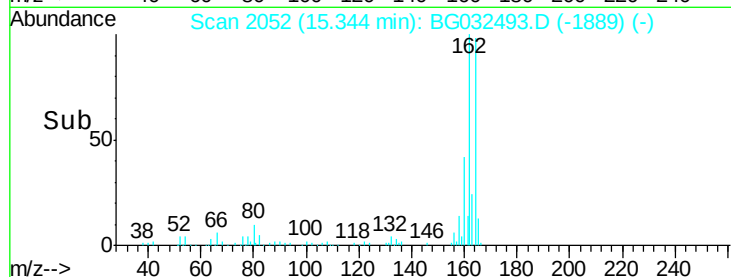
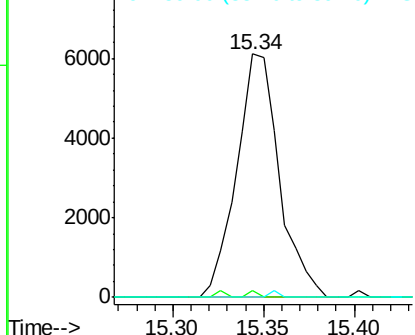
#50
 2,6-Dinitrotoluene
 Concen: 6.681 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. 0.43 min
 Lab File: BG032493.D
 Acq: 1 Feb 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 9994
 Ion Ratio Lower Upper
 165 100
 63 2.6 52.7 79.1#
 89 0.0 49.2 73.8#

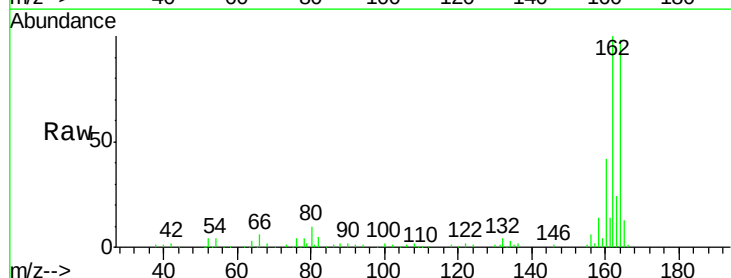


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

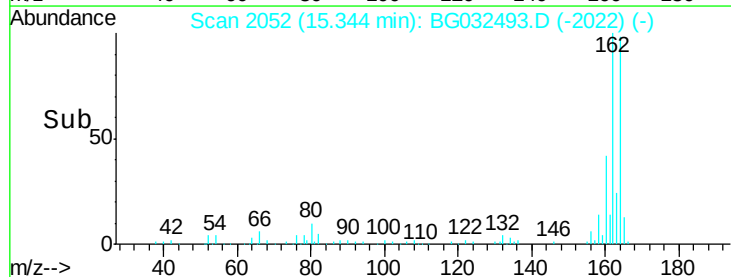
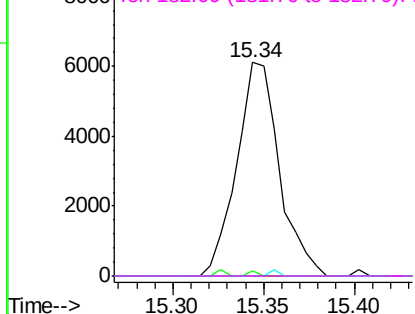


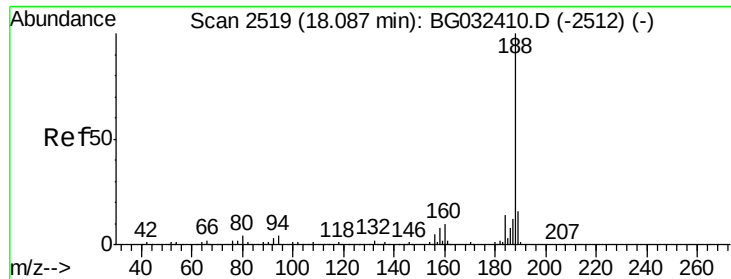
#56
 2,4-Dinitrotoluene
 Concen: 4.692 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.35 min
 Lab File: BG032493.D
 Acq: 1 Feb 2018 17:13

Tgt Ion:165 Resp: 9994
 Ion Ratio Lower Upper
 165 100
 63 2.6 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: 20.000 ng

RT: 18.08 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

Instrument :

BNA_G

ClientSampleId :

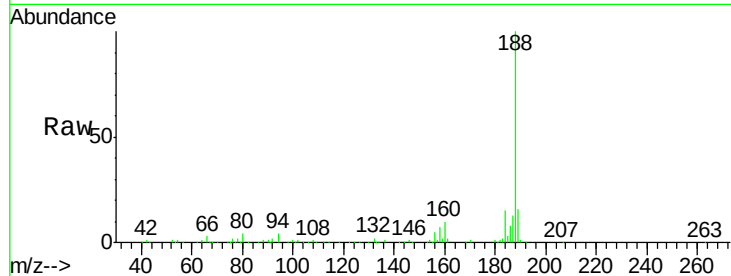
Tot Ion:188 Resp: 204829

Ion Ratio Lower Upper

188 100

94 3.6 6.9 10.3#

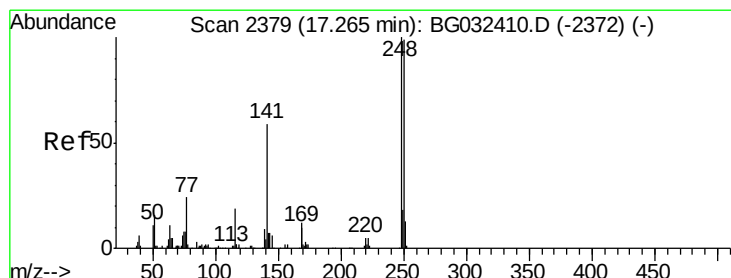
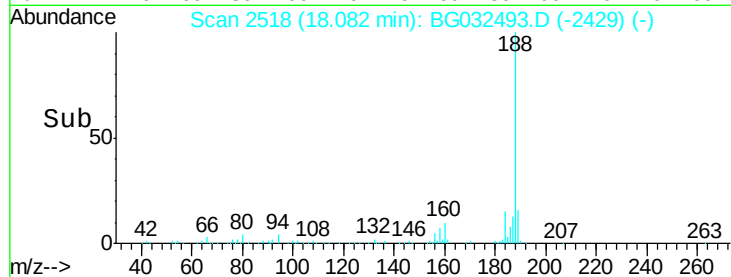
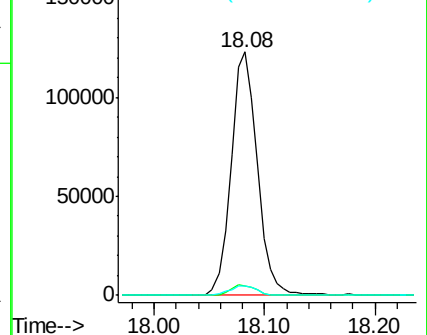
80 3.9 7.7 11.5#



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: 5.513 ng

RT: 16.82 min Scan# 2304

Delta R.T. -0.44 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

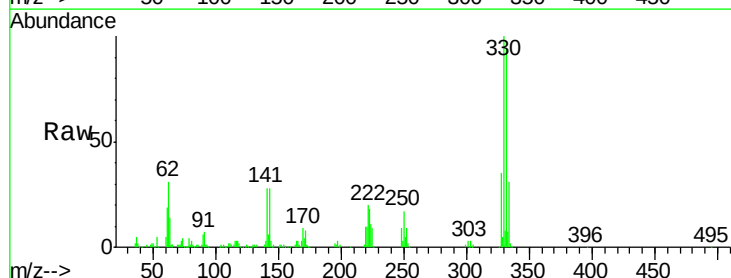
Tgt Ion:248 Resp: 16730

Ion Ratio Lower Upper

248 100

250 185.5 77.1 115.7#

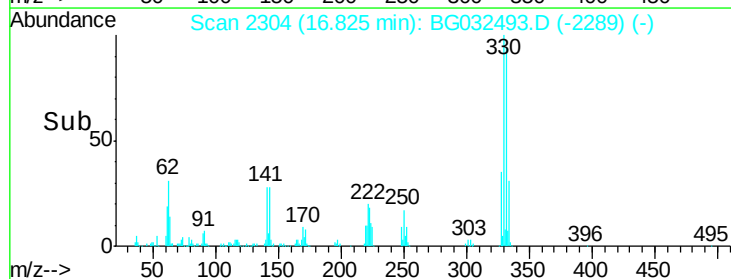
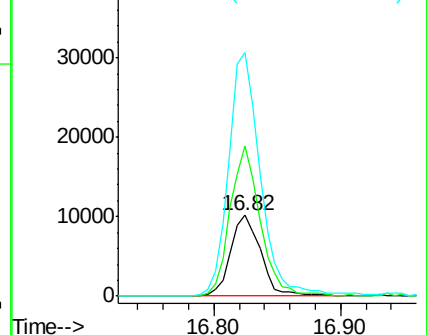
141 300.9 50.8 76.2#

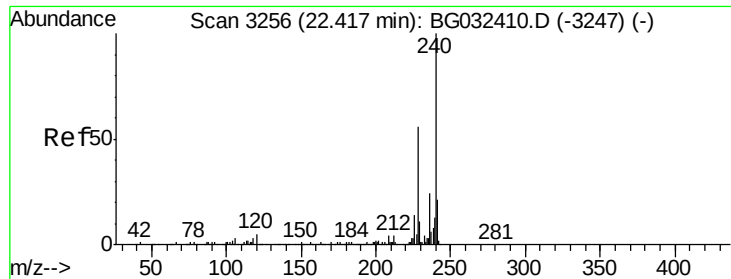


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

Instrument :

BNA_G

ClientSampled :

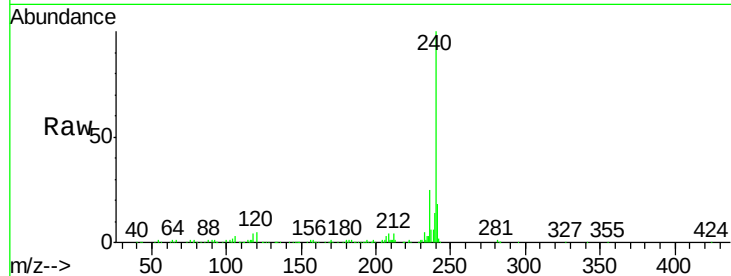
Tot Ion:240 Resp: 272976

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

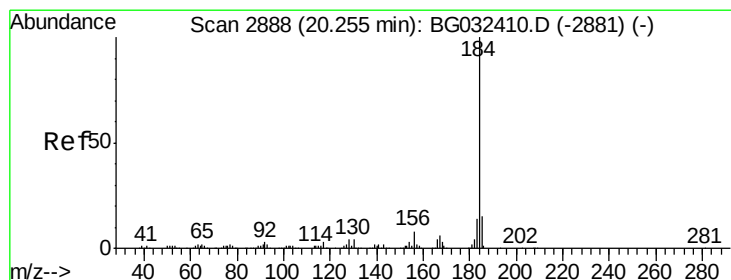
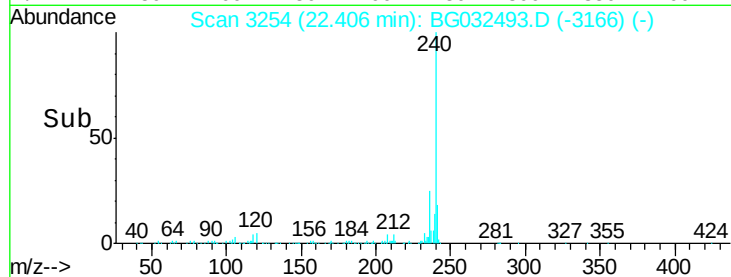
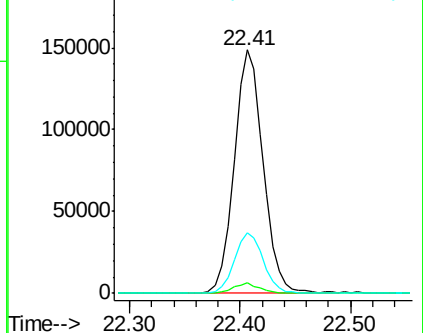
236 25.0 20.9 31.3



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: 3.174 ng

RT: 20.62 min Scan# 2950

Delta R.T. 0.37 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

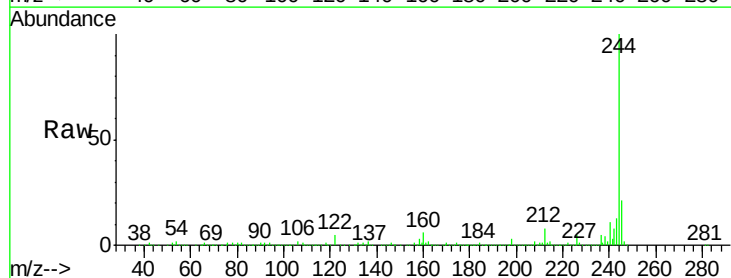
Tgt Ion:184 Resp: 17013

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

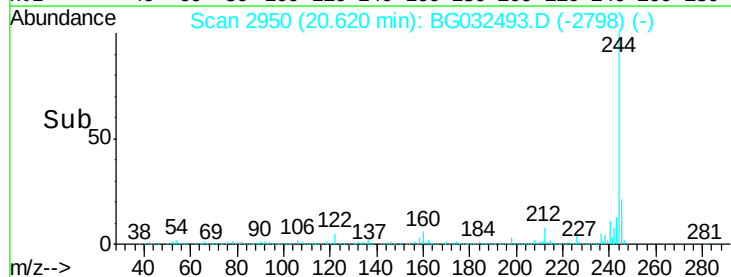
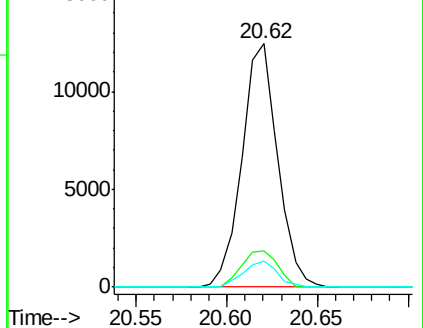
183 10.8 10.6 16.0

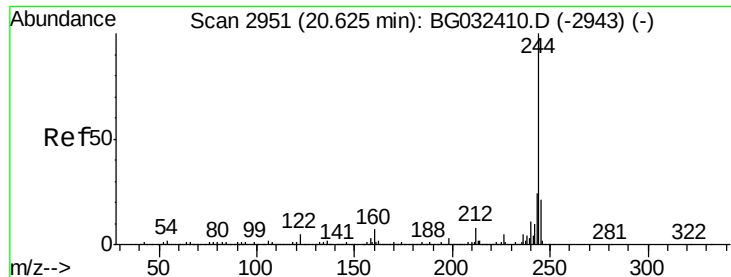


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 93.848 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

Instrument :

BNA_G

ClientSampleId :

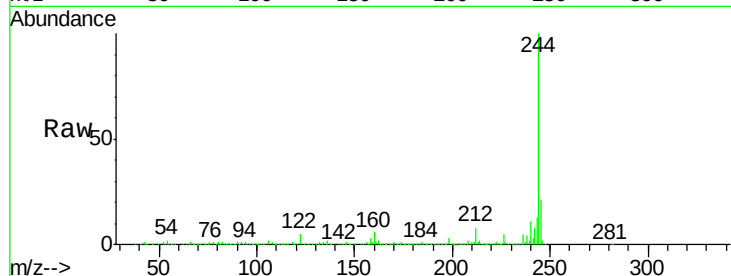
Tot Ion:244 Resp: 1195951

Ion Ratio Lower Upper

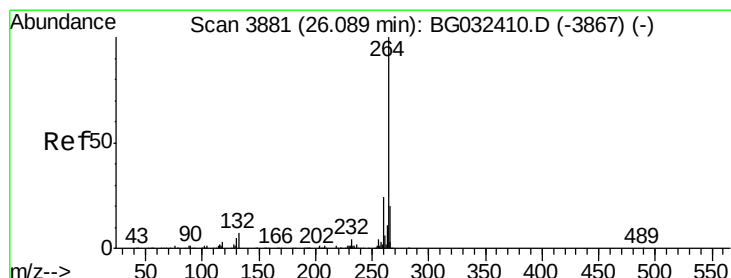
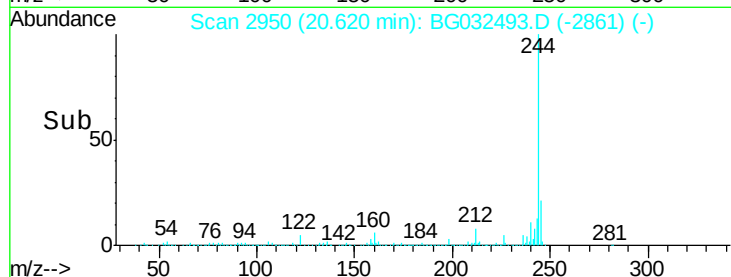
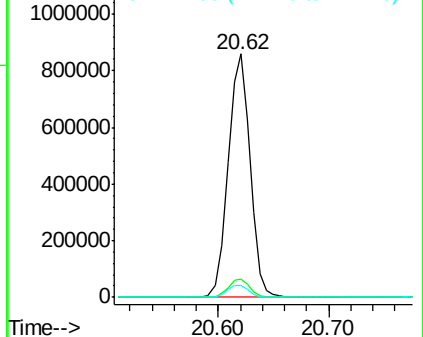
244 100

212 7.6 5.8 8.8

122 4.8 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

Perylene-d12

Concen: 20.000 ng

RT: 26.09 min Scan# 3881

Delta R.T. 0.00 min

Lab File: BG032493.D

Acq: 1 Feb 2018 17:13

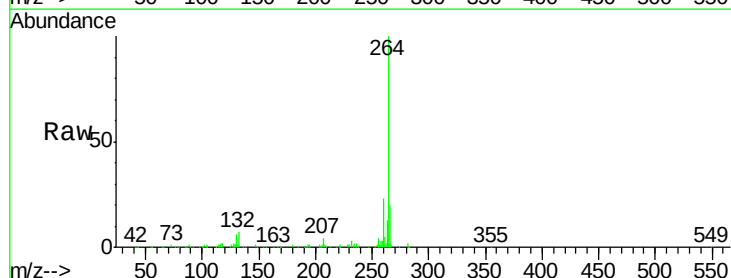
Tgt Ion:264 Resp: 285263

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 20.2 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

