

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032628.D
 Acq On : 9 Feb 2018 4:08
 Operator : SJ/JU
 Sample : J1485-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 06:20:00 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

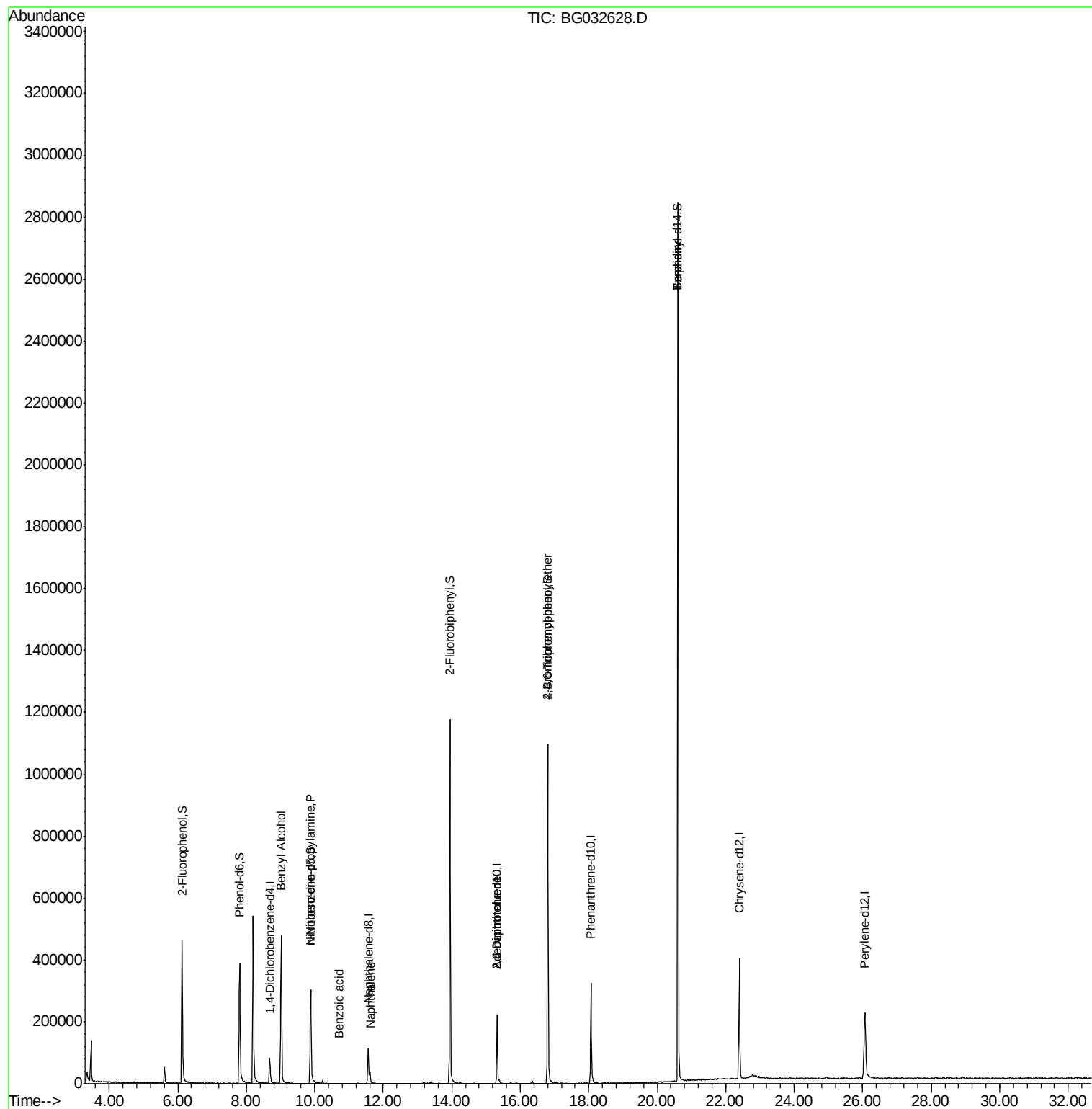
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	33547	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	120465	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	86829	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	251542	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	321489	20.00	ng	-0.01
86) Perylene-d12	26.06	264	323396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	246744	147.73	ng	-0.02
7) Phenol-d6	7.81	99	268048	120.27	ng	-0.02
23) Nitrobenzene-d5	9.88	82	218811	113.45	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	249583	151.01	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	740191	101.32	ng	-0.02
78) Terphenyl-d14	20.60	244	1570409	104.64	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	9.02	79	4059	2.21	ng	# 34
19) n-Nitroso-di-n-propylamine	9.88	70	33500	22.67	ng	# 72
31) Naphthalene	11.61	128	31653	5.38	ng	# 95
32) Benzoic acid	10.70	122	58	7.32	ng	# 1
50) 2,6-Dinitrotoluene	15.32	165	11305	6.73	ng	# 18
56) 2,4-Dinitrotoluene	15.32	165	11305	4.73	ng	# 16
66) 4-Bromophenyl-phenylether	16.80	248	21970	5.90	ng	# 1
76) Benzidine	20.60	184	24300	3.85	ng	# 85

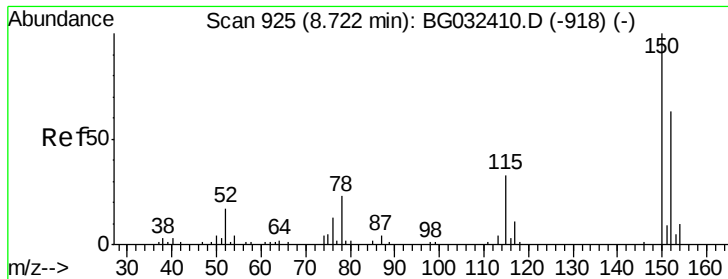
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032628.D
Acq On : 9 Feb 2018 4:08
Operator : SJ/JU
Sample : J1485-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 09 06:20:00 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.02 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

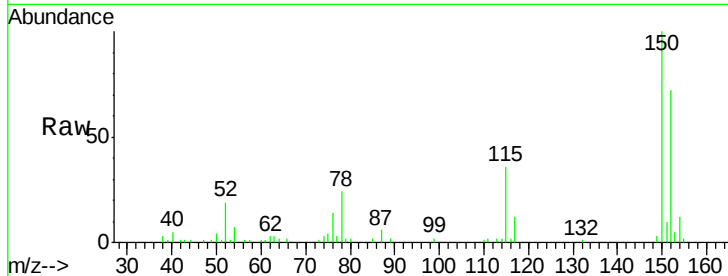
Tot Ion:152 Resp: 33547

Ion Ratio Lower Upper

152 100

150 138.2 126.6 189.8

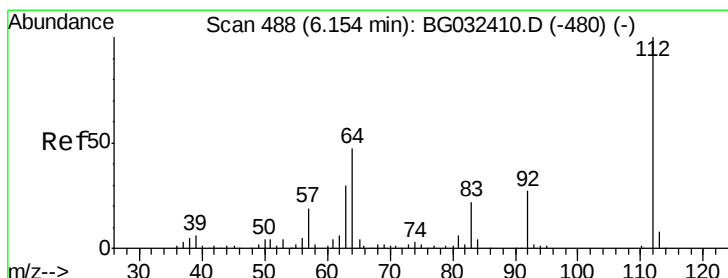
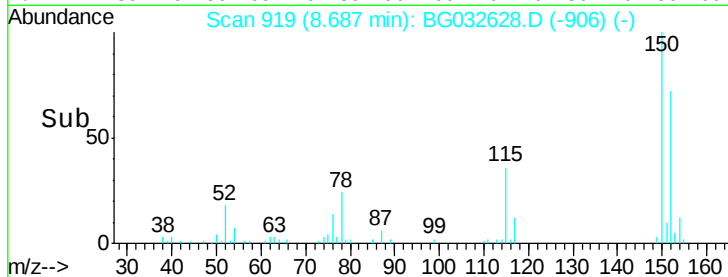
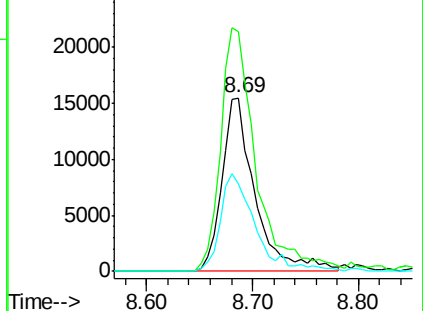
115 50.2 53.0 79.4#



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: 147.73 ng

RT: 6.13 min Scan# 483

Delta R.T. -0.02 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

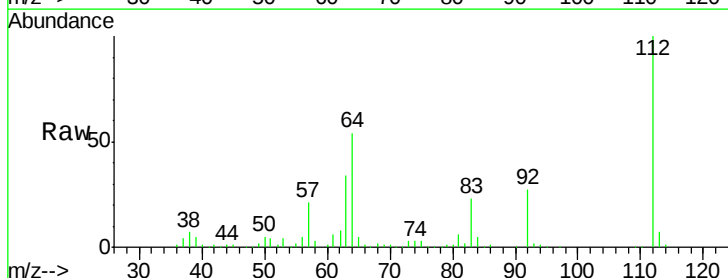
Tgt Ion:112 Resp: 246744

Ion Ratio Lower Upper

112 100

64 53.8 56.3 84.5#

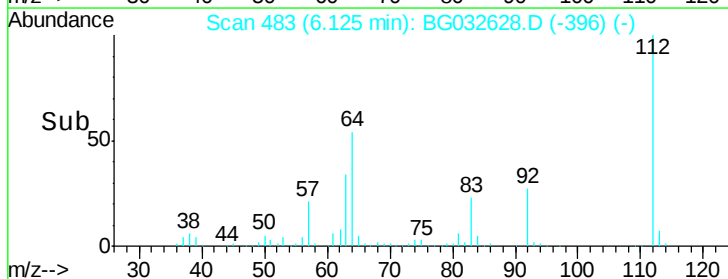
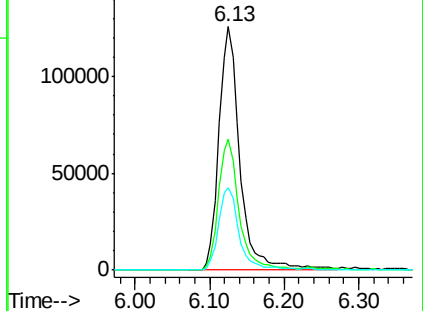
63 34.0 30.1 45.1



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: 120.27 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

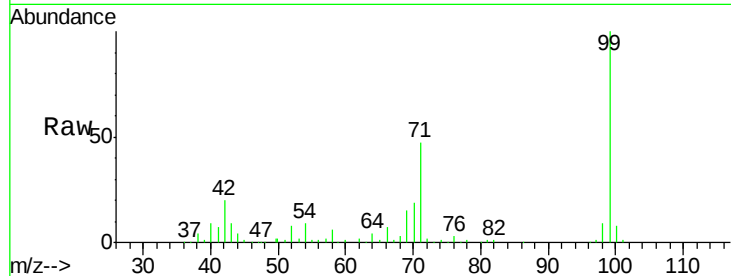
Tot Ion: 99 Resp: 268048

Ion Ratio Lower Upper

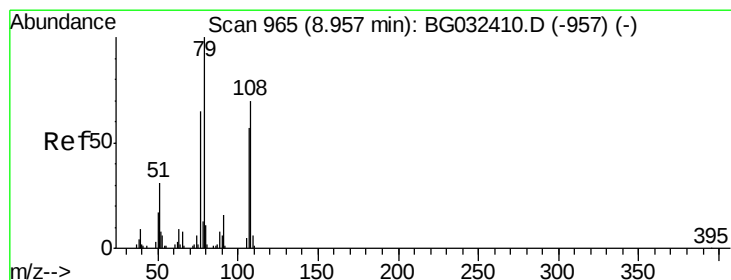
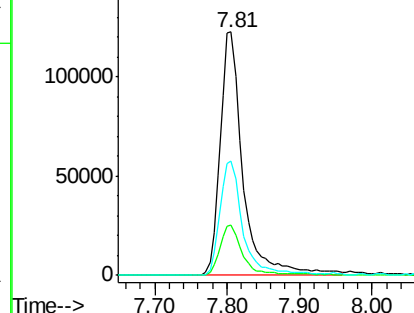
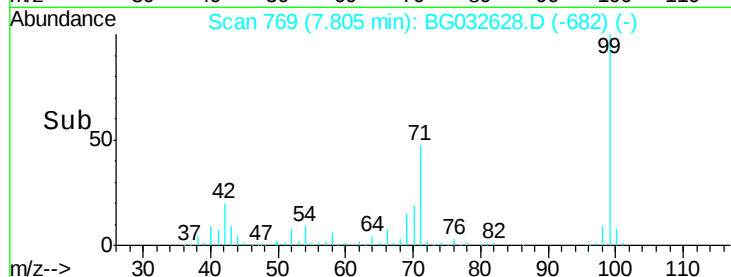
99 100

42 20.5 14.1 21.1

71 46.9 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: 2.21 ng

RT: 9.02 min Scan# 975

Delta R.T. 0.07 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

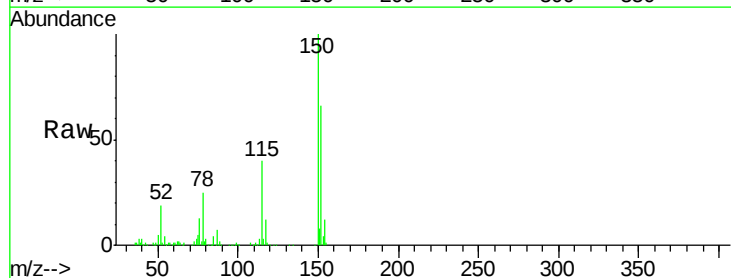
Tgt Ion: 79 Resp: 4059

Ion Ratio Lower Upper

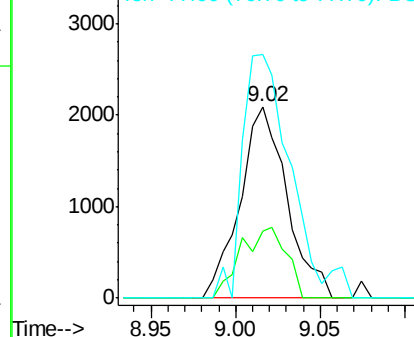
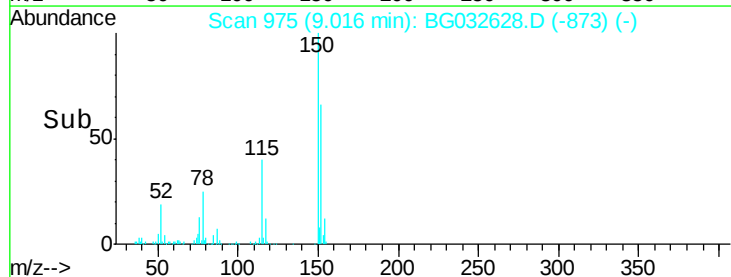
79 100

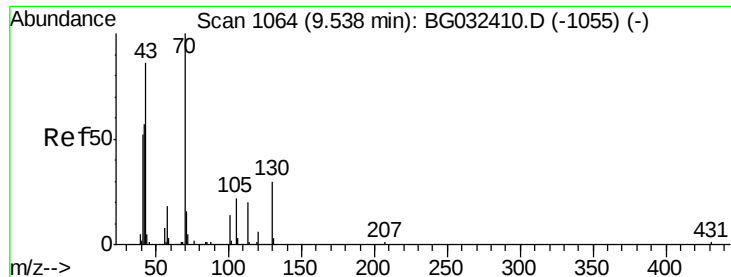
108 34.9 57.2 85.8#

77 127.1 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

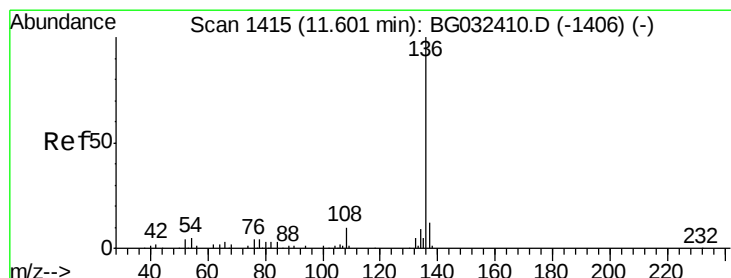
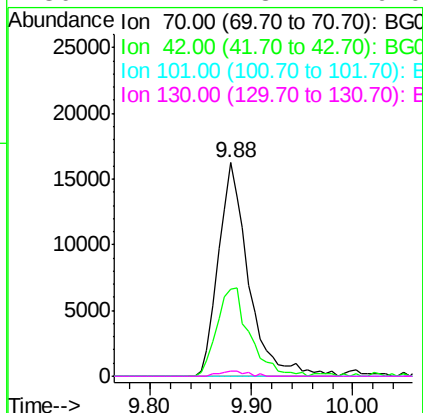
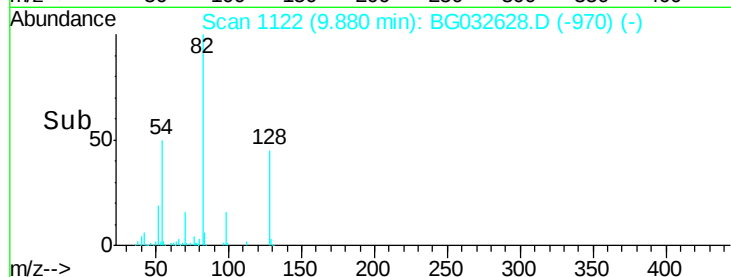
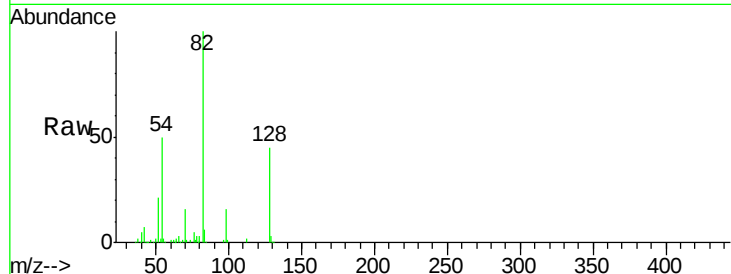




#19
n-Nitroso-di-n-propylamine
Concen: 22.67 ng
RT: 9.88 min Scan# 1122
Delta R.T. 0.36 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

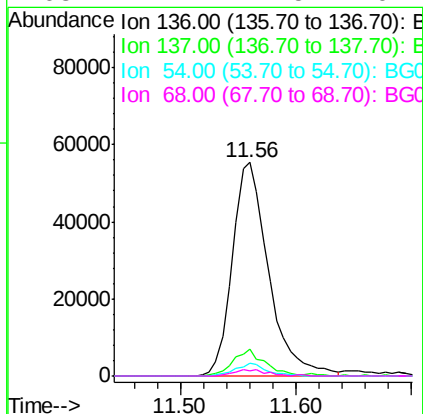
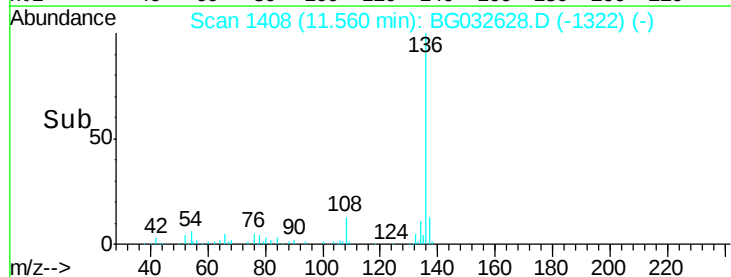
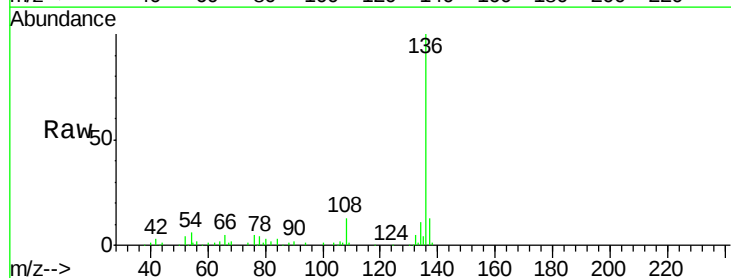
Instrument :
BNA_G
ClientSampleId :

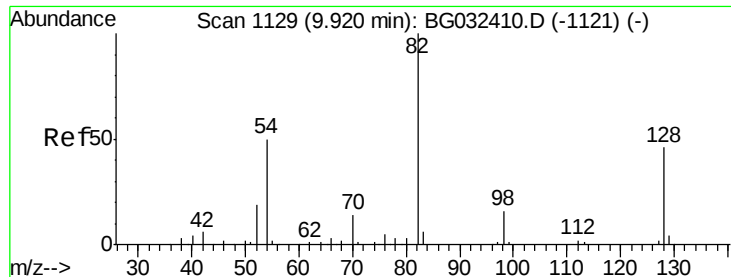
Tot Ion: 70 Resp: 33500
Ion Ratio Lower Upper
70 100
42 40.7 49.1 73.7#
101 0.0 8.5 12.7#
130 2.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion: 136 Resp: 120465
Ion Ratio Lower Upper
136 100
137 12.5 9.2 13.8
54 6.3 10.3 15.5#
68 2.4 4.5 6.7#

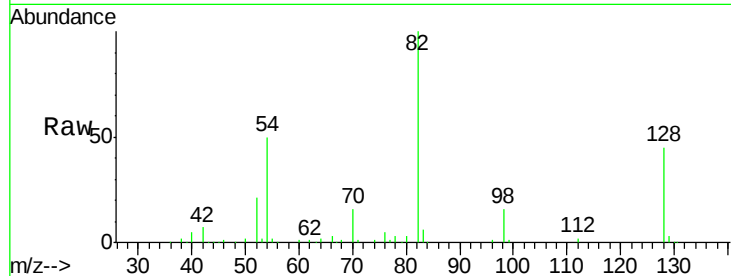




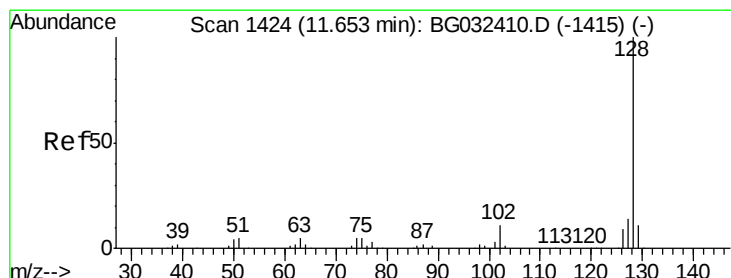
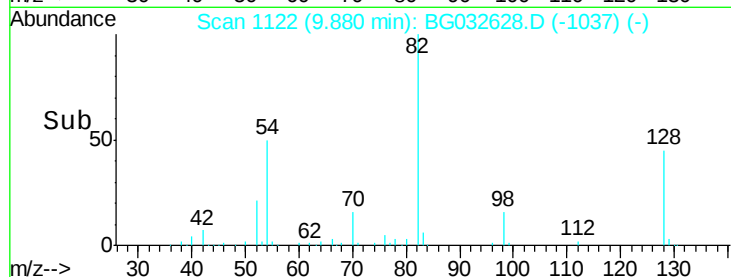
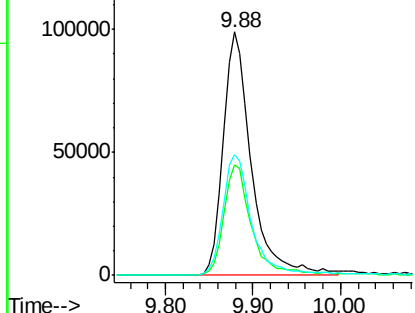
#23
 Nitrobenzene-d5
 Concen: 113.45 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032628.D
 Acq: 9 Feb 2018 4:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	218811
Ion Ratio	100	Lower	Upper
128	45.5	29.7	44.5#
54	49.7	43.1	64.7

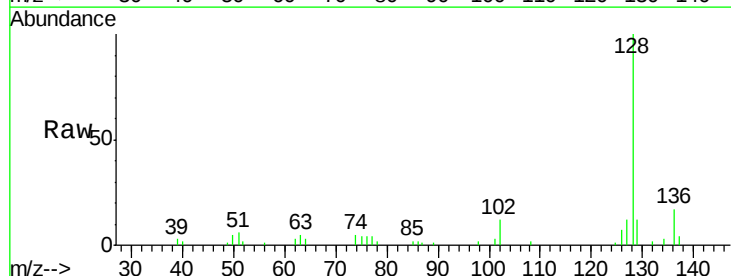


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

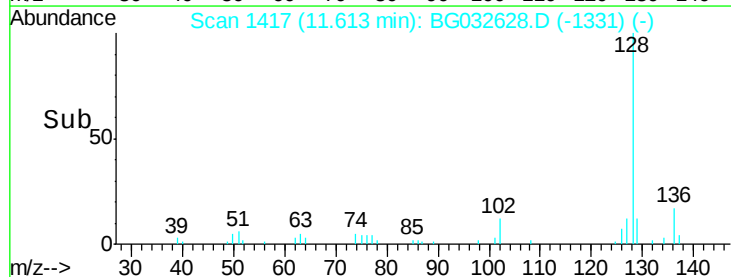
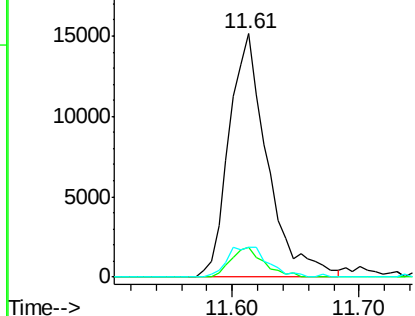


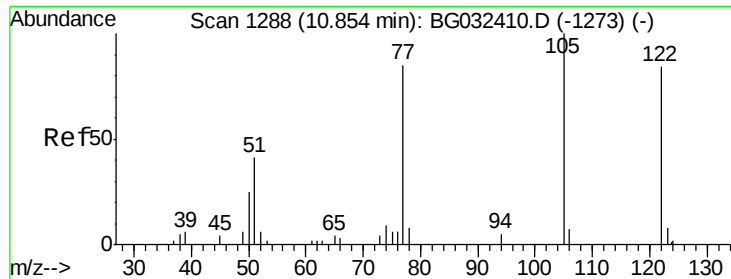
#31
 Naphthalene
 Concen: 5.38 ng
 RT: 11.61 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BG032628.D
 Acq: 9 Feb 2018 4:08

Tgt Ion	128	Resp	31653
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	12.3	8.6	12.8
127	12.4	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

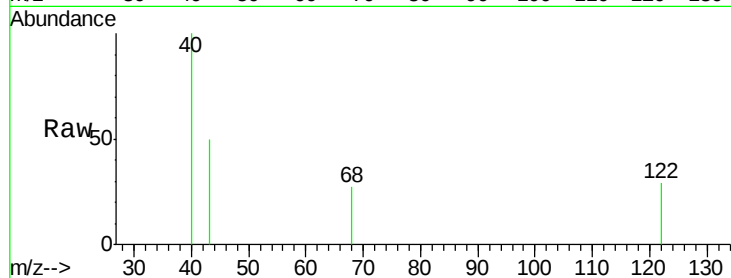




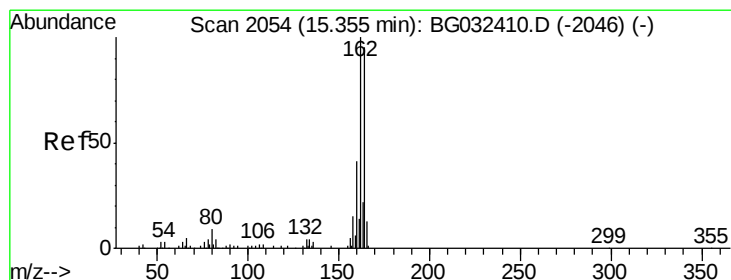
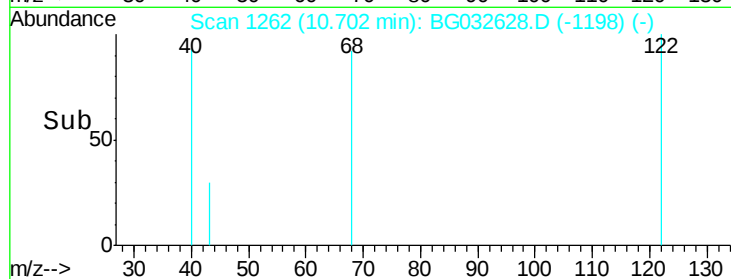
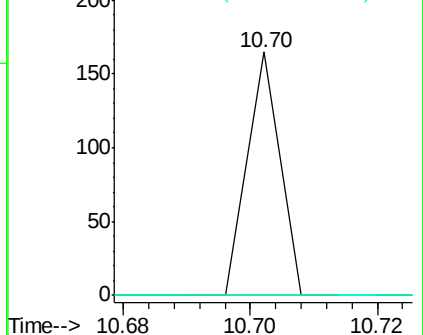
#32
Benzoic acid
Concen: 7.32 ng
RT: 10.70 min Scan# 1262
Delta R.T. -0.15 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

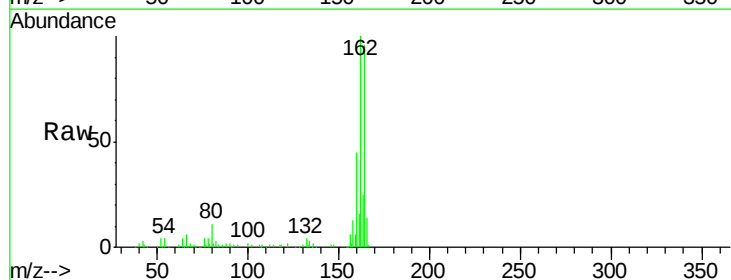


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

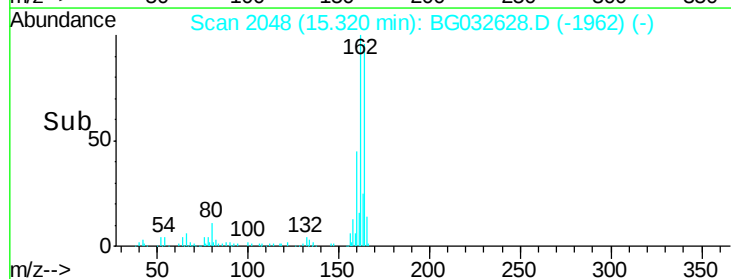
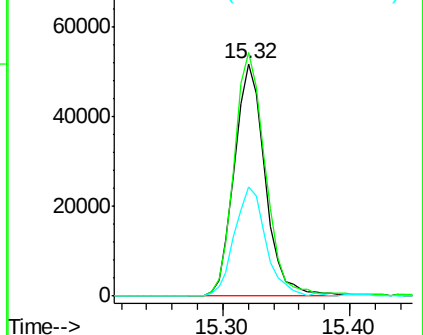


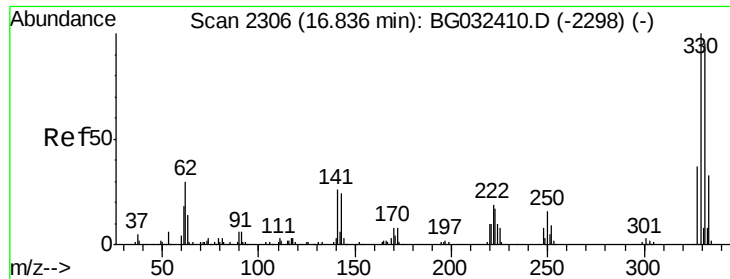
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion:164 Resp: 86829
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 47.1 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

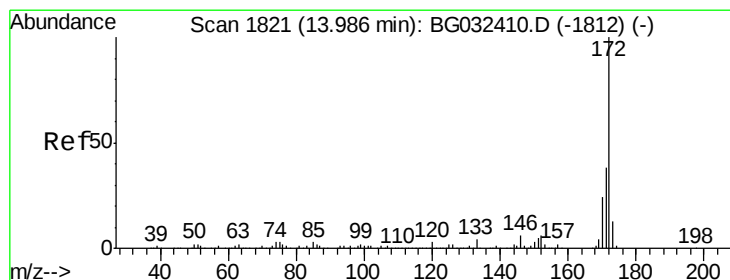
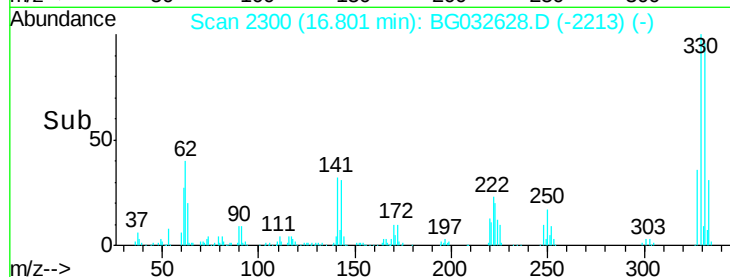
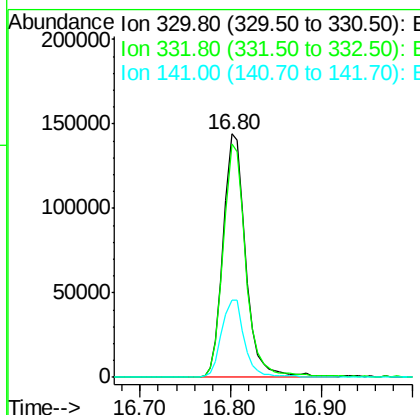
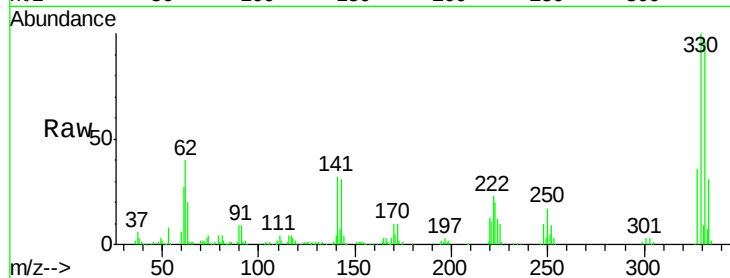




#41
 2,4,6-Tribromophenol
 Concen: 151.01 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BG032628.D
 Acq: 9 Feb 2018 4:08

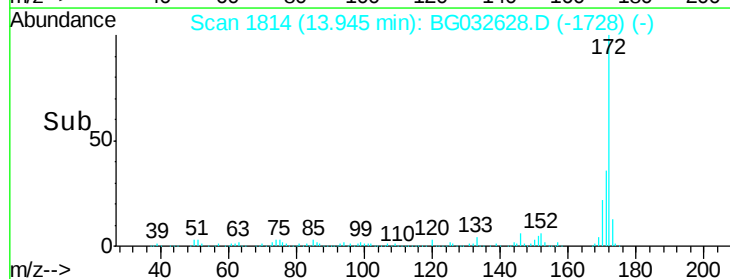
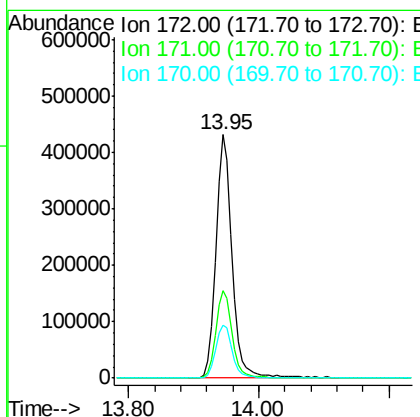
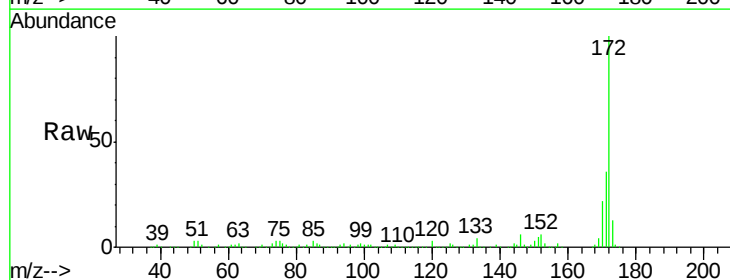
Instrument :
 BNA_G
 ClientSampleId :

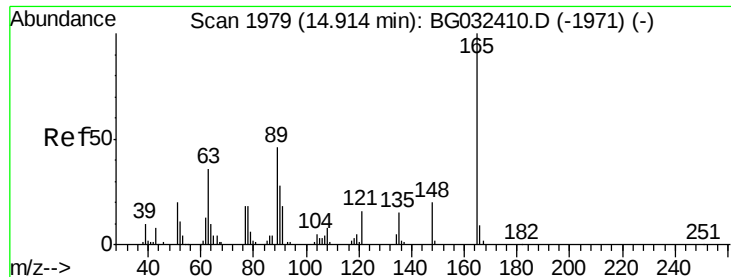
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 101.32 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032628.D
 Acq: 9 Feb 2018 4:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	21.8	19.5	29.3





#50

2,6-Dinitrotoluene

Concen: 6.73 ng

RT: 15.32 min Scan# 2048

Delta R.T. 0.42 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

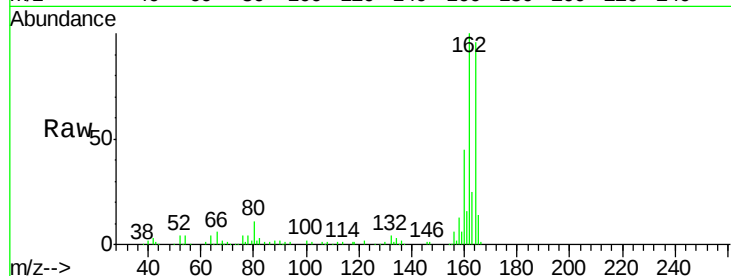
Tot Ion:165 Resp: 11305

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

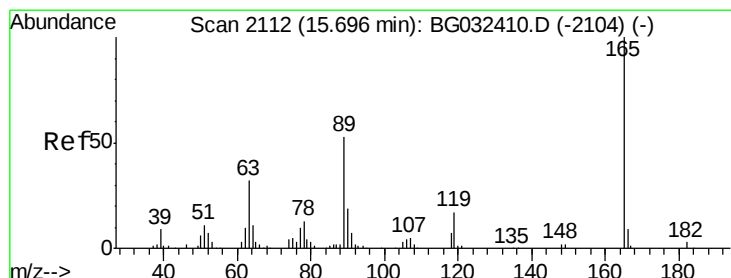
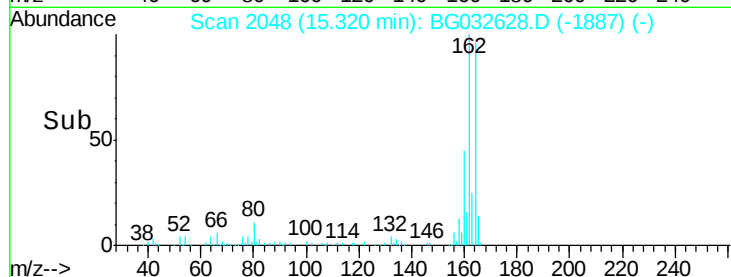
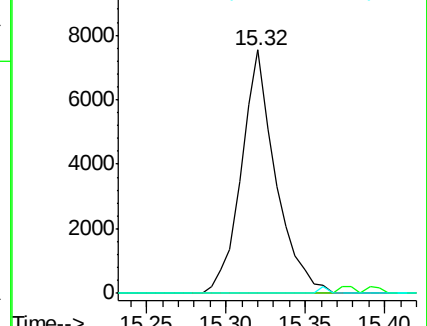
89 0.0 49.2 73.8#



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: 4.73 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.36 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Tgt Ion:165 Resp: 11305

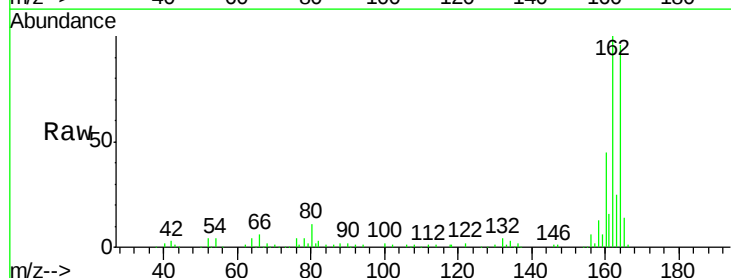
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

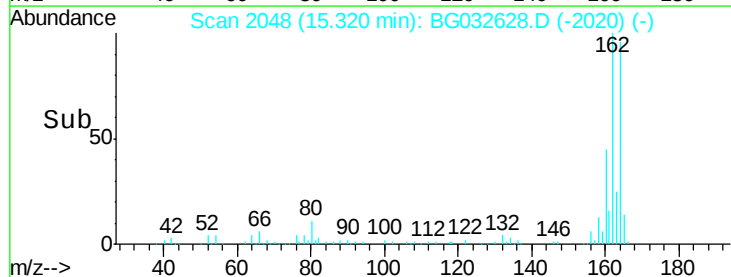
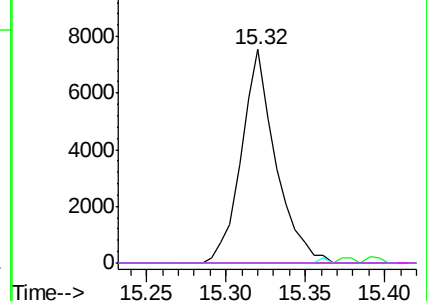


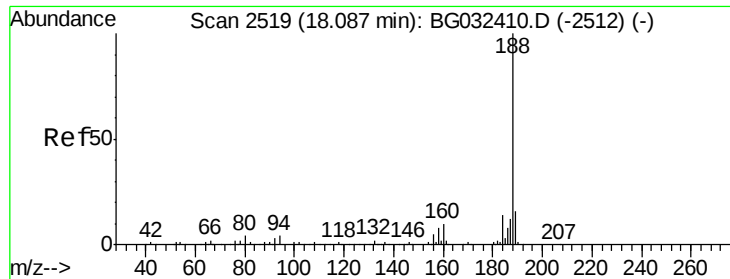
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2515

Delta R.T. -0.01 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

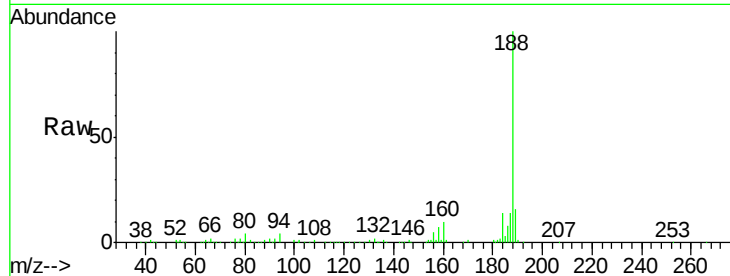
Tot Ion:188 Resp: 251542

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

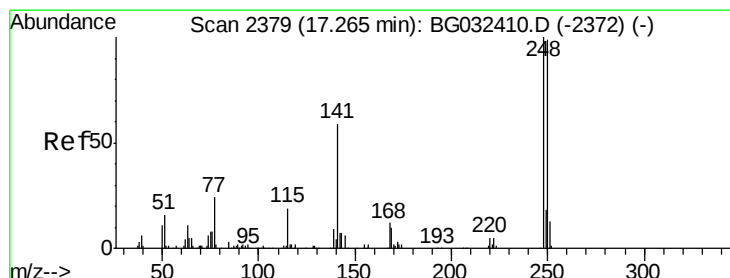
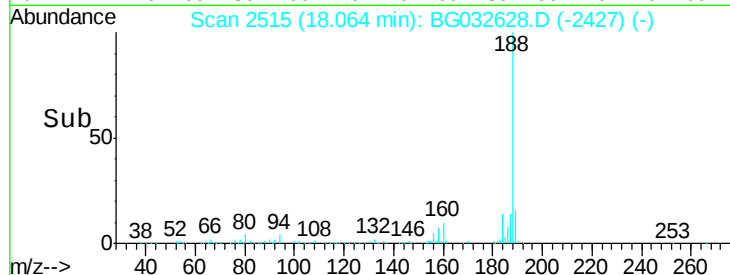
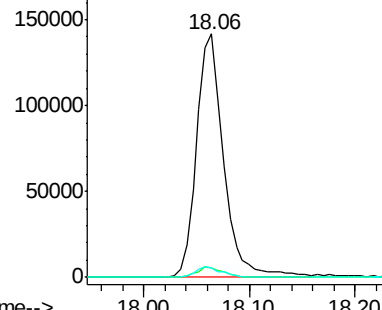
80 3.9 7.7 11.5#



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: 5.90 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.45 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

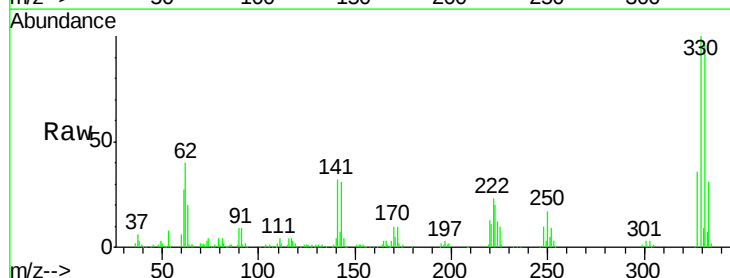
Tgt Ion:248 Resp: 21970

Ion Ratio Lower Upper

248 100

250 169.6 77.1 115.7#

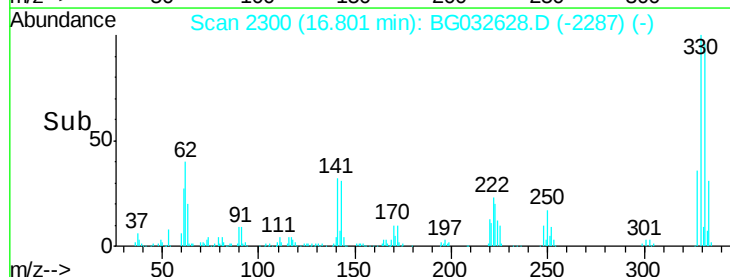
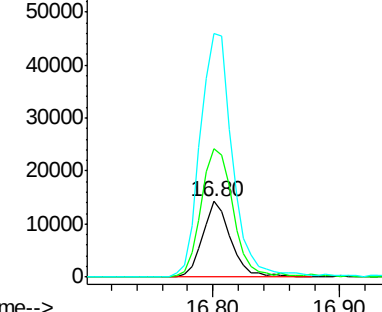
141 321.2 50.8 76.2#

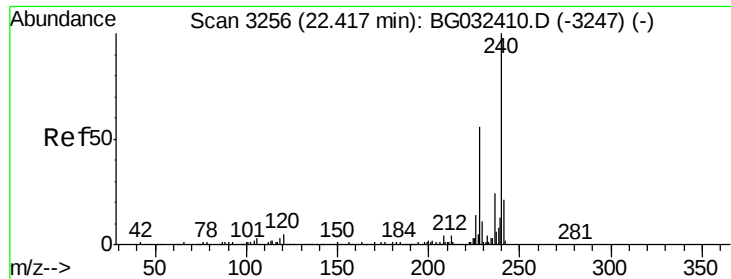


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.39 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

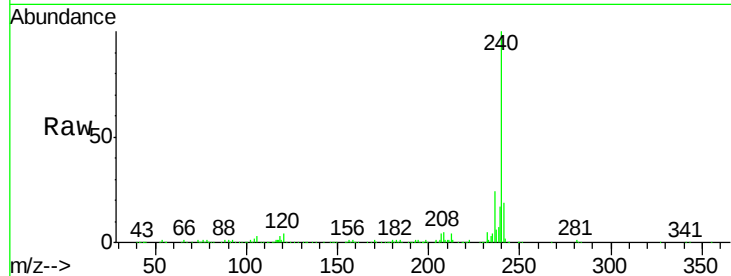
Tot Ion:240 Resp: 321489

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

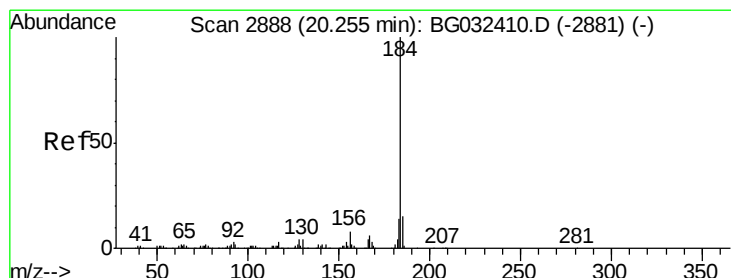
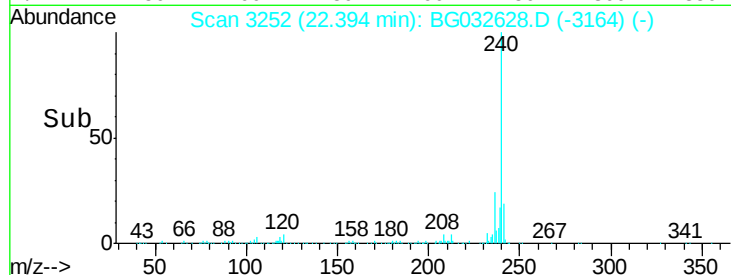
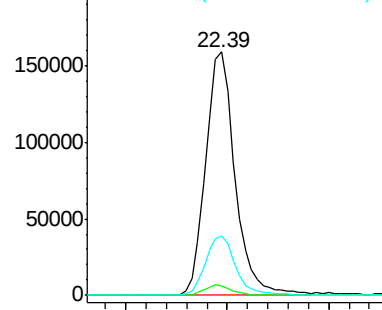
236 24.3 20.9 31.3



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



#76

Benzidine

Concen: 3.85 ng

RT: 20.60 min Scan# 2947

Delta R.T. 0.36 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

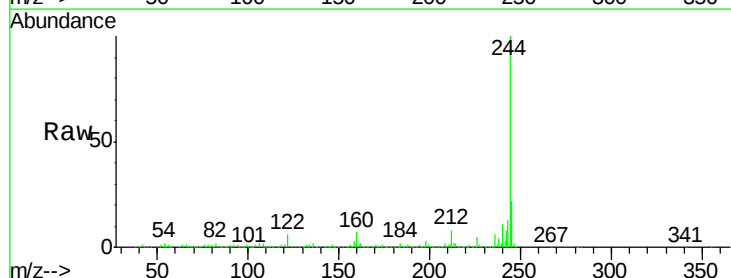
Tgt Ion:184 Resp: 24300

Ion Ratio Lower Upper

184 100

185 21.7 11.1 16.7#

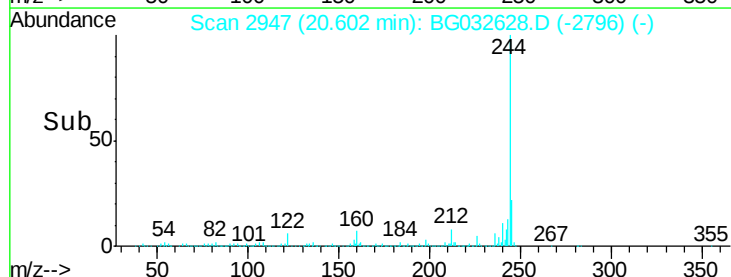
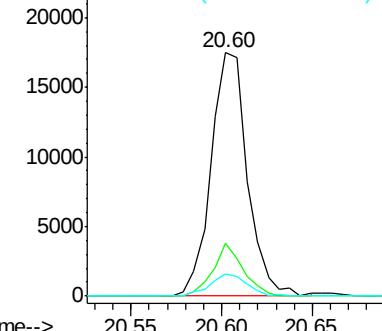
183 9.0 10.6 16.0#

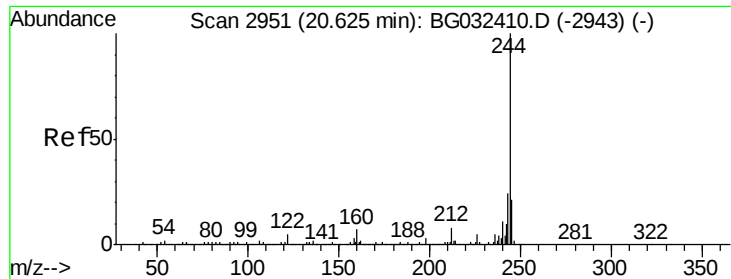


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.64 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

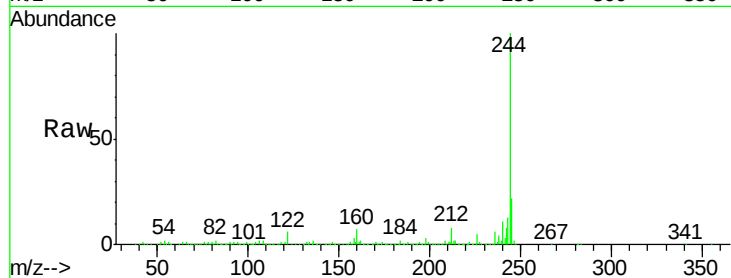
Tot Ion:244 Resp: 1570409

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

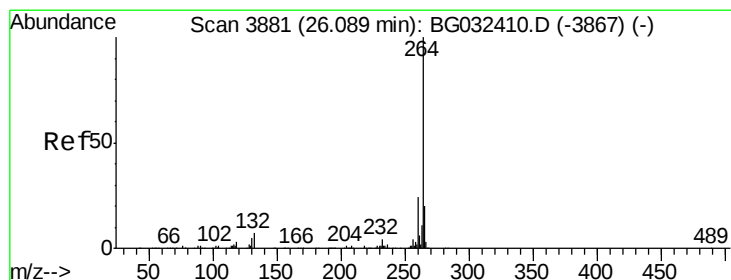
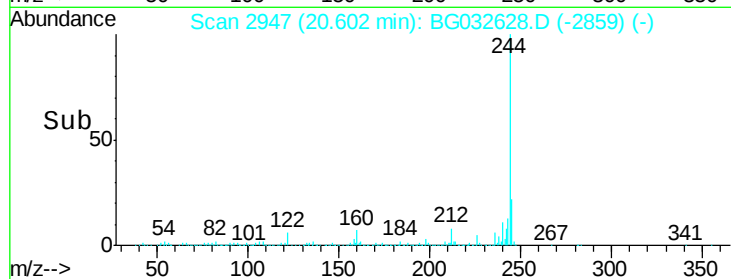
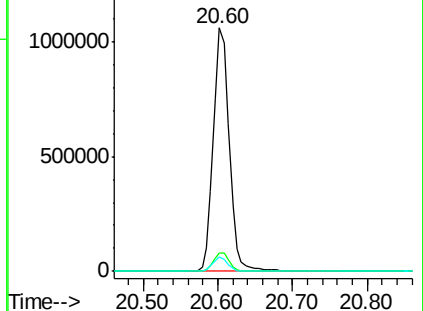
122 5.8 7.0 10.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 26.06 min Scan# 3876

Delta R.T. -0.01 min

Lab File: BG032628.D

Acq: 9 Feb 2018 4:08

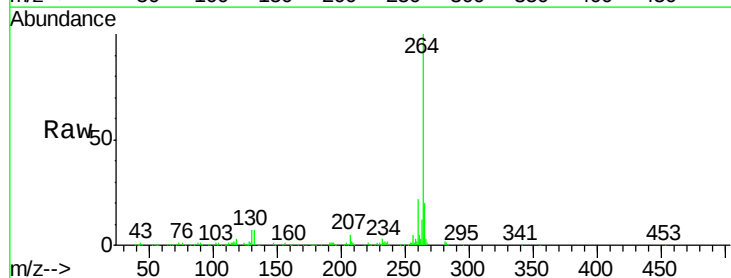
Tgt Ion:264 Resp: 323396

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 19.7 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

