

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032615.D
 Acq On : 8 Feb 2018 18:04
 Operator : SJ/JU
 Sample : J1473-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 02:35:48 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	31796	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	130359	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	98742	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	266339	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	349132	20.00	ng	-0.01
86) Perylene-d12	26.06	264	357609	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.13	112	242832	153.40	ng	-0.02
7) Phenol-d6	7.81	99	265022	125.46	ng	-0.02
23) Nitrobenzene-d5	9.88	82	222632	106.67	ng	-0.03
41) 2,4,6-Tribromophenol	16.81	330	264101	140.51	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	753473	90.70	ng	-0.02
78) Terphenyl-d14	20.60	244	1564779	96.01	ng	-0.01

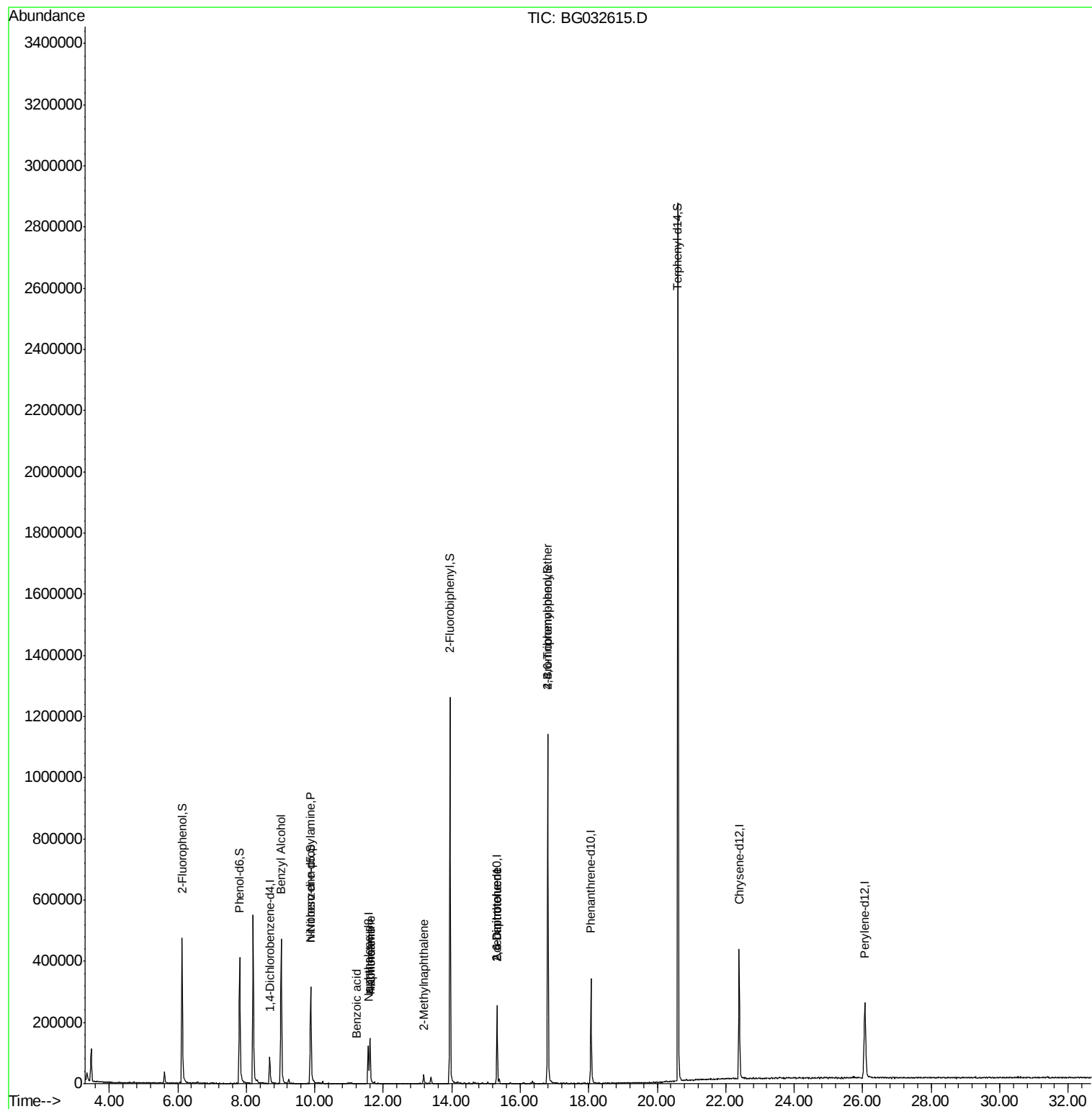
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.02	79	4176	2.40	ng	# 51
19) n-Nitroso-di-n-propylamine	9.88	70	32874	23.47	ng	# 84
31) Naphthalene	11.61	128	147691	23.20	ng	97
32) Benzoic acid	11.23	122	78	7.33	ng	# 1
33) 4-Chloroaniline	11.61	127	19543	6.88	ng	# 34
37) 2-Methylnaphthalene	13.18	142	17883	3.34	ng	95
50) 2,6-Dinitrotoluene	15.32	165	12753	6.67	ng	# 21
56) 2,4-Dinitrotoluene	15.32	165	12753	4.69	ng	# 19
66) 4-Bromophenyl-phenylether	16.80	248	23132	5.86	ng	# 1

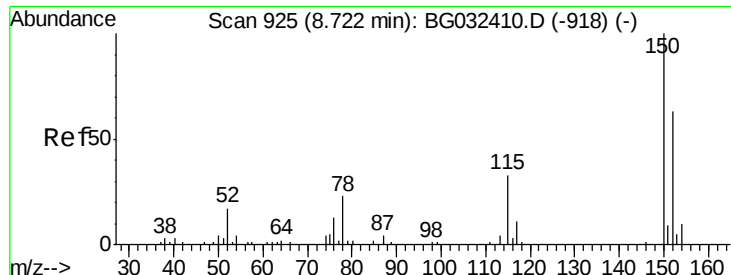
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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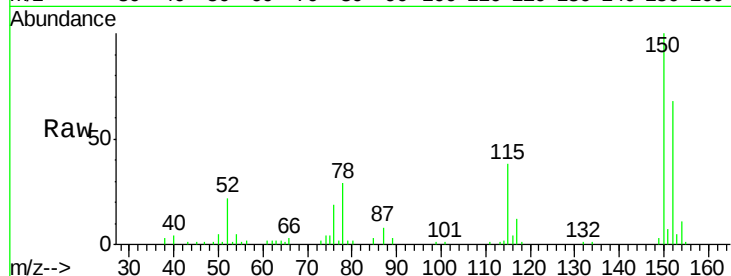


#1

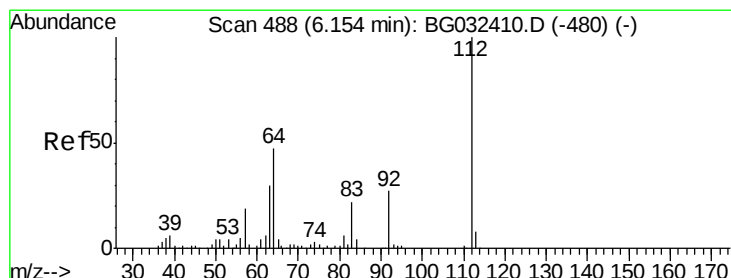
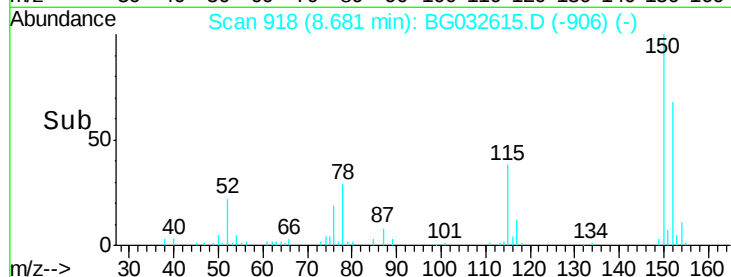
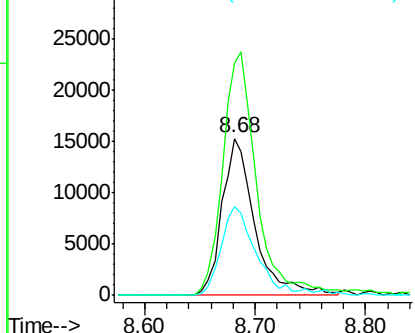
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032615.D
Acq: 8 Feb 2018 18:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31796
Ion Ratio Lower Upper
152 100
150 148.0 126.6 189.8
115 56.7 53.0 79.4



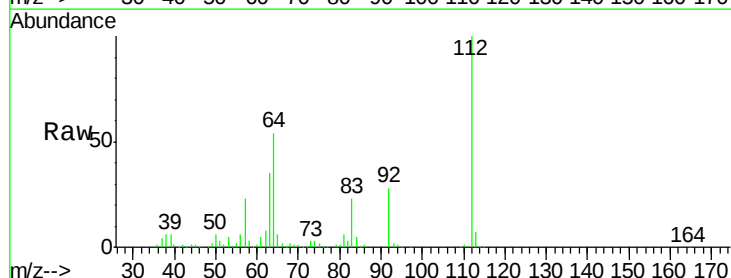
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



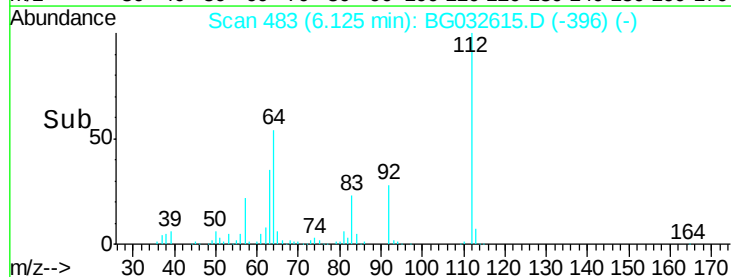
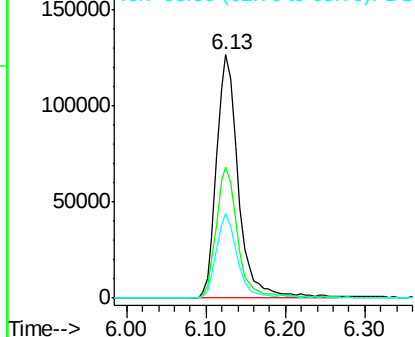
#5

2-Fluorophenol
Concen: 153.40 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032615.D
Acq: 8 Feb 2018 18:04

Tgt Ion:112 Resp: 242832
Ion Ratio Lower Upper
112 100
64 54.0 56.3 84.5#
63 35.0 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: 125.46 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032615.D

Acq: 8 Feb 2018 18:04

Instrument :

BNA_G

ClientSampleId :

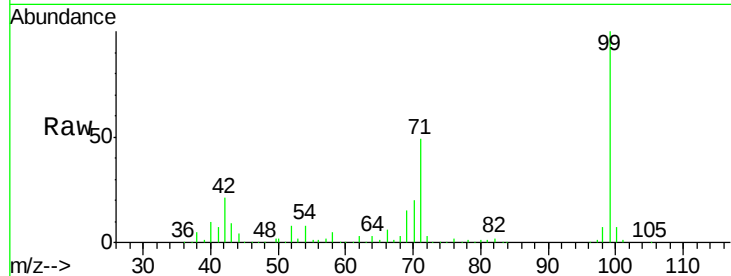
Tot Ion: 99 Resp: 265022

Ion Ratio Lower Upper

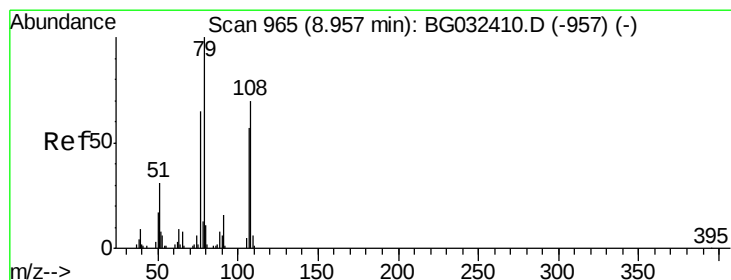
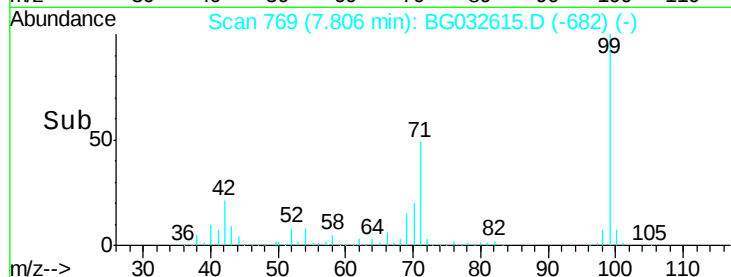
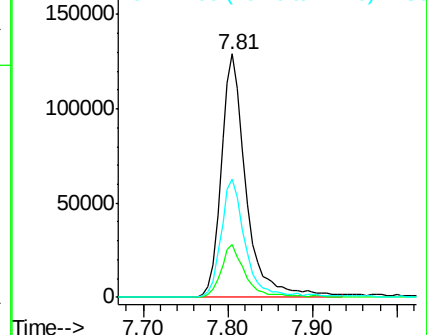
99 100

42 21.5 14.1 21.1#

71 48.6 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: 2.40 ng

RT: 9.02 min Scan# 975

Delta R.T. 0.07 min

Lab File: BG032615.D

Acq: 8 Feb 2018 18:04

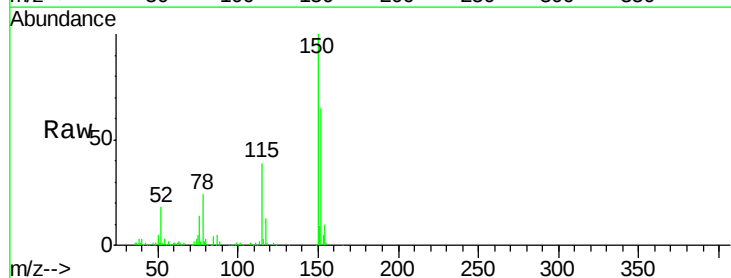
Tgt Ion: 79 Resp: 4176

Ion Ratio Lower Upper

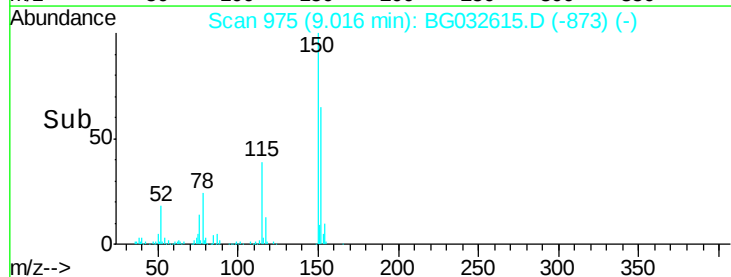
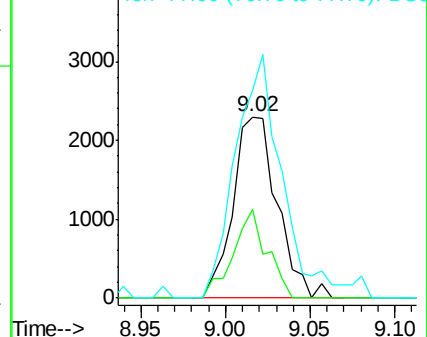
79 100

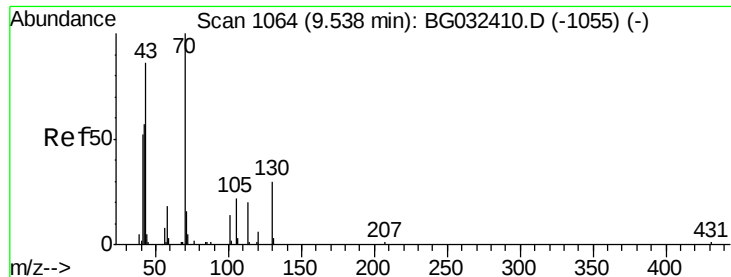
108 49.1 57.2 85.8#

77 114.5 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

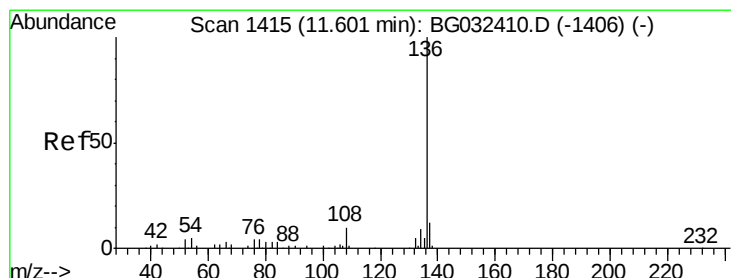
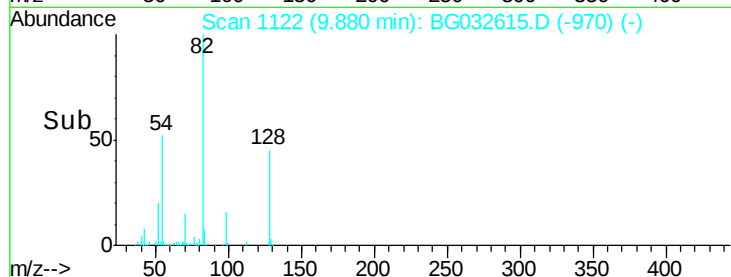
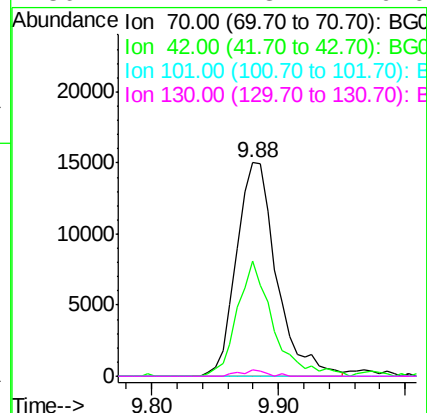
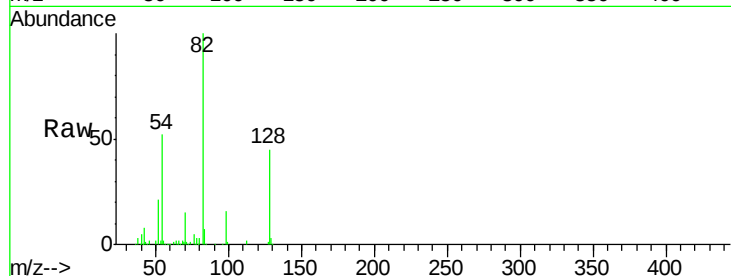




#19
 n-Nitroso-di-n-propylamine
 Concen: 23.47 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. 0.36 min
 Lab File: BG032615.D
 Acq: 8 Feb 2018 18:04

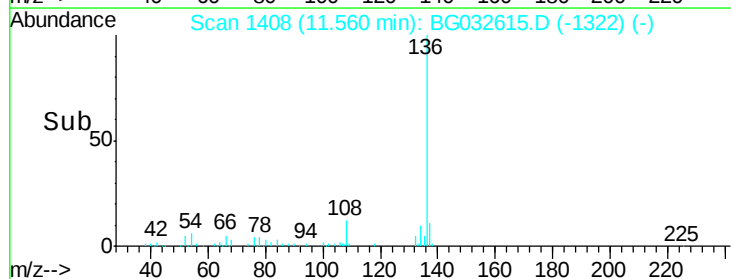
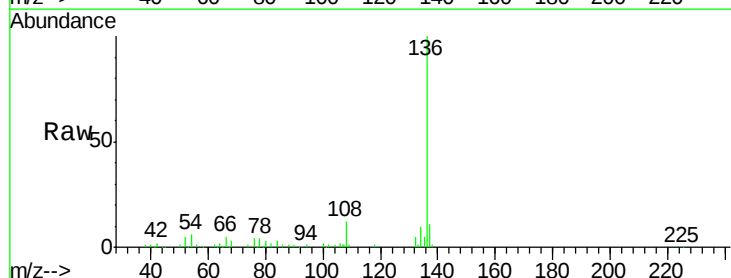
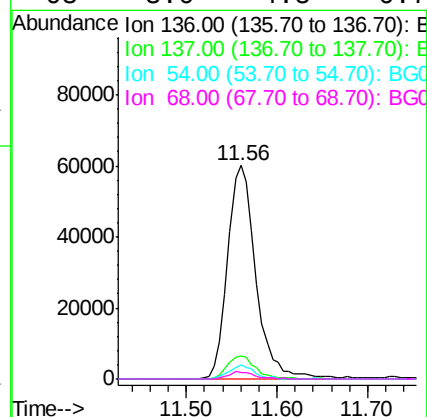
Instrument :
 BNA_G
 ClientSampleId :

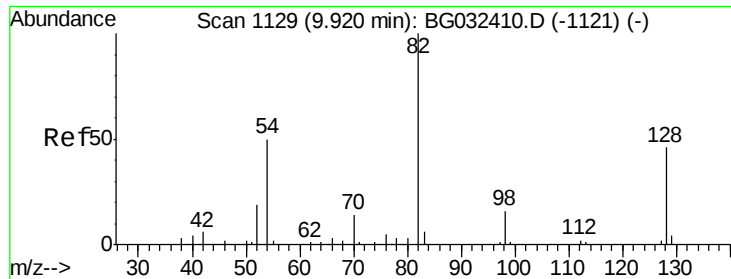
Tot Ion: 70 Resp: 32874
 Ion Ratio Lower Upper
 70 100
 42 54.1 49.1 73.7
 101 0.0 8.5 12.7#
 130 2.7 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.56 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BG032615.D
 Acq: 8 Feb 2018 18:04

Tgt Ion: 136 Resp: 130359
 Ion Ratio Lower Upper
 136 100
 137 11.0 9.2 13.8
 54 6.3 10.3 15.5#
 68 3.0 4.5 6.7#

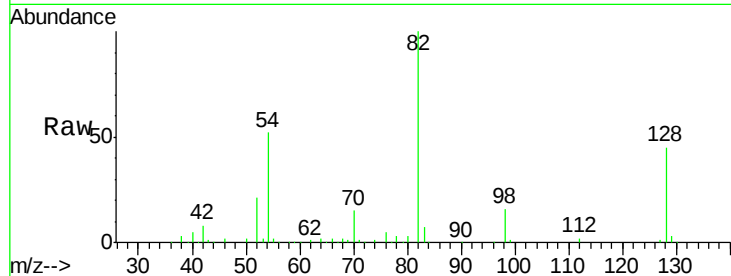




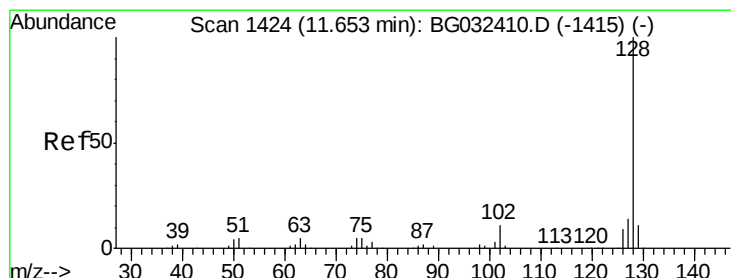
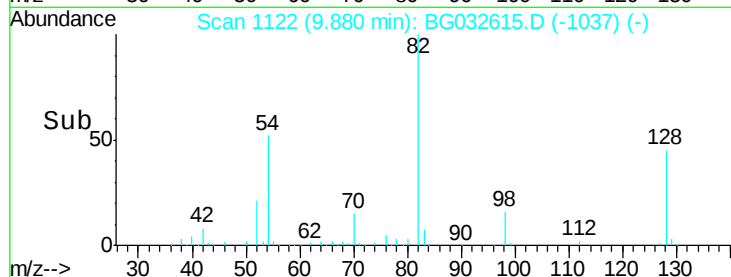
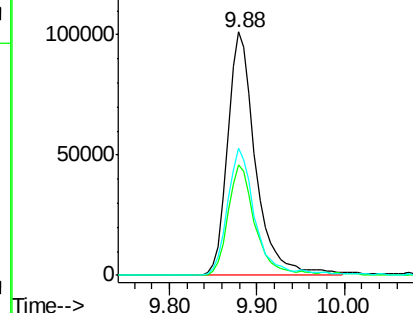
#23
Nitrobenzene-d5
Concen: 106.67 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BG032615.D
Acq: 8 Feb 2018 18:04

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 222632
Ion Ratio Lower Upper
82 100
128 45.3 29.7 44.5#
54 52.5 43.1 64.7

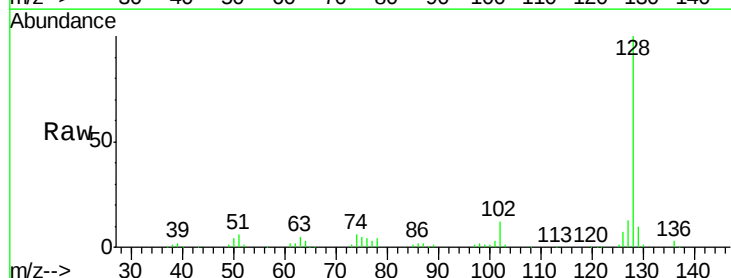


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

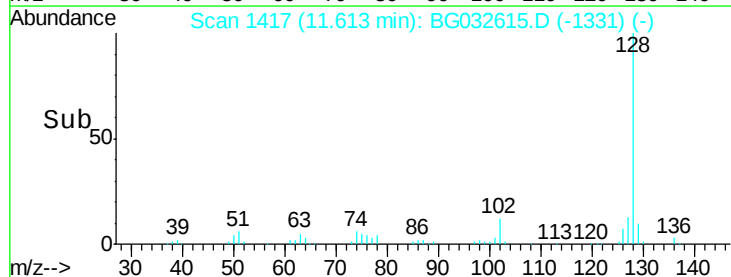
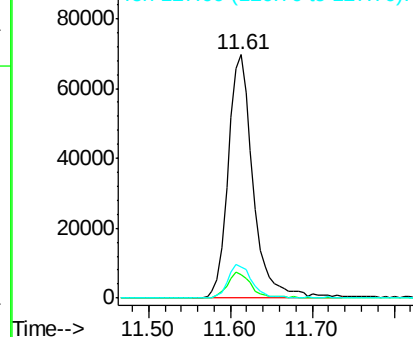


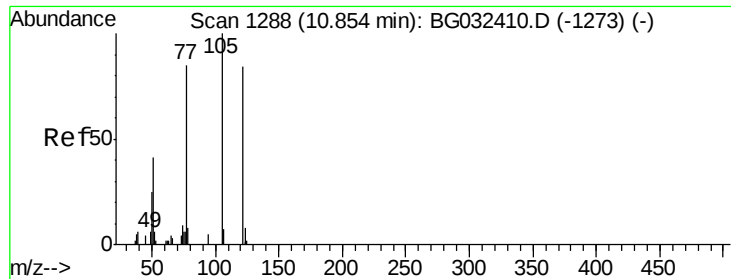
#31
Naphthalene
Concen: 23.20 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BG032615.D
Acq: 8 Feb 2018 18:04

Tgt Ion: 128 Resp: 147691
Ion Ratio Lower Upper
128 100
129 9.5 8.6 12.8
127 13.0 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

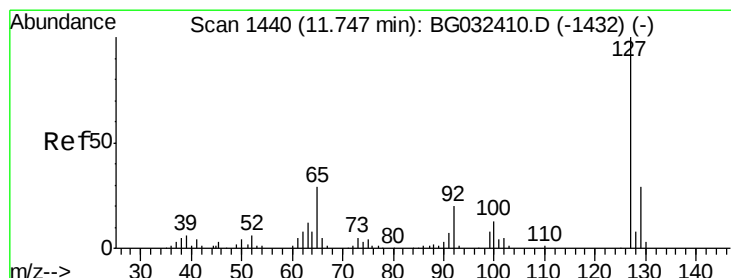
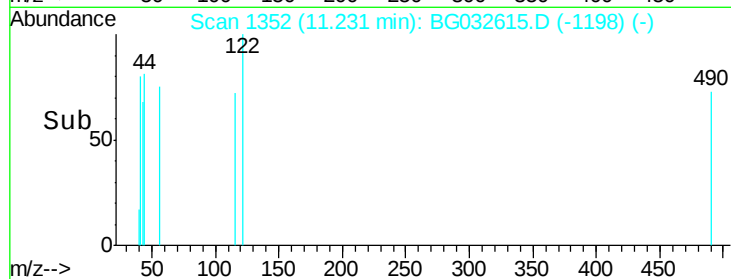
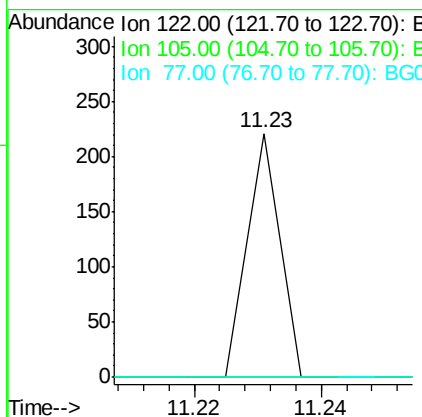
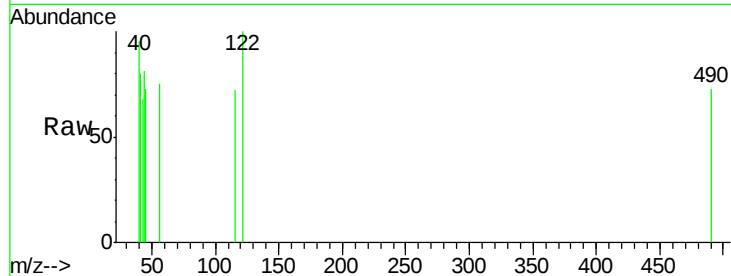




#32
Benzoic acid
Concen: 7.33 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.38 min
Lab File: BG032615.D
Acq: 8 Feb 2018 18:04

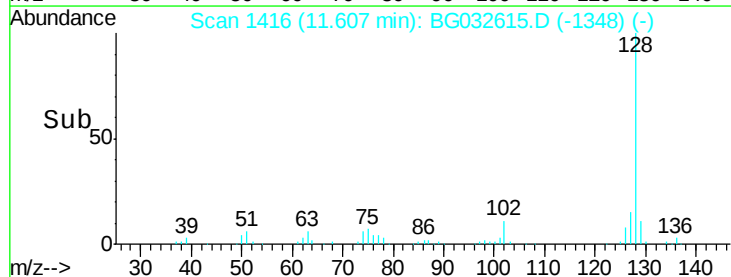
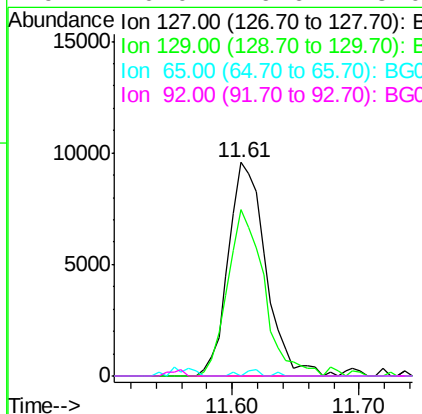
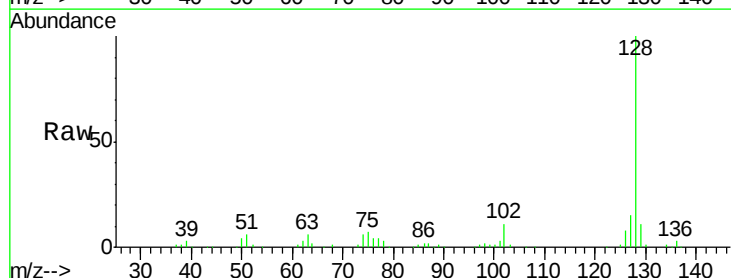
Instrument :
BNA_G
ClientSampled :

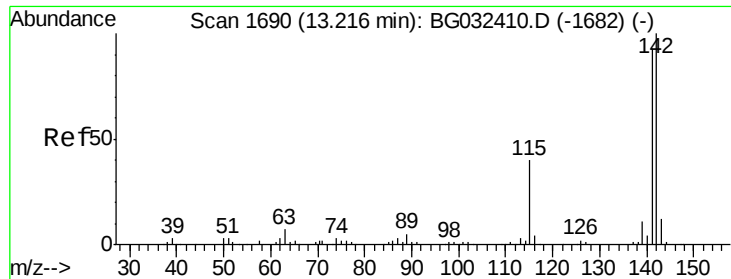
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



#33
4-Chloroaniline
Concen: 6.88 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.13 min
Lab File: BG032615.D
Acq: 8 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
127	100		
129	77.9	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

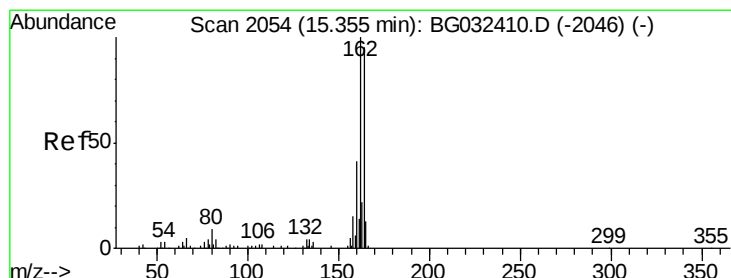
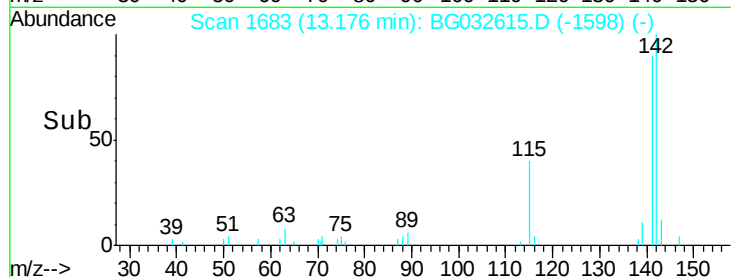
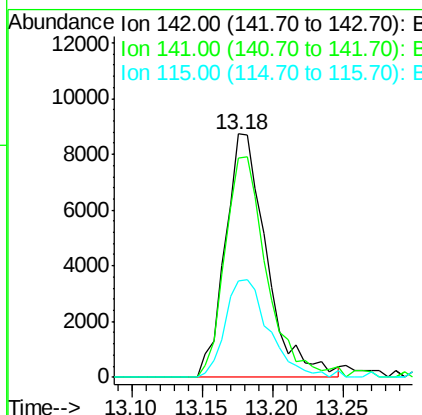
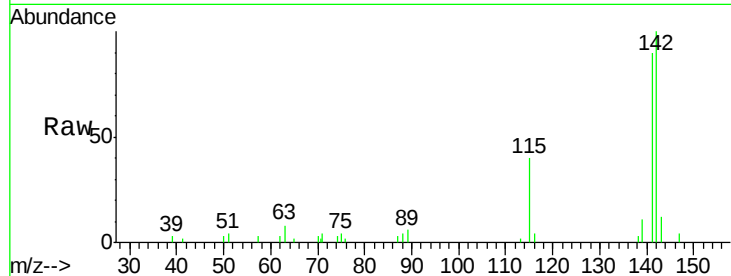




#37
2-Methylnaphthalene
Concen: 3.34 ng
RT: 13.18 min Scan# 1683
Delta R.T. -0.03 min
Lab File: BG032615.D
Acq: 8 Feb 2018 18:04

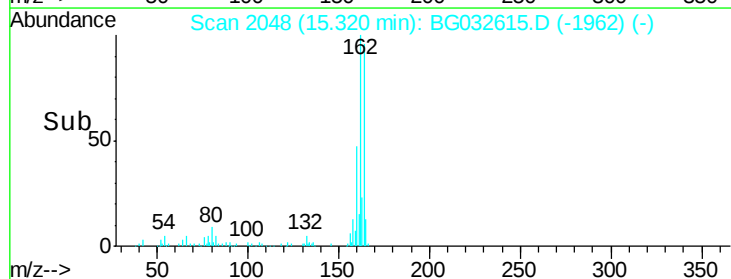
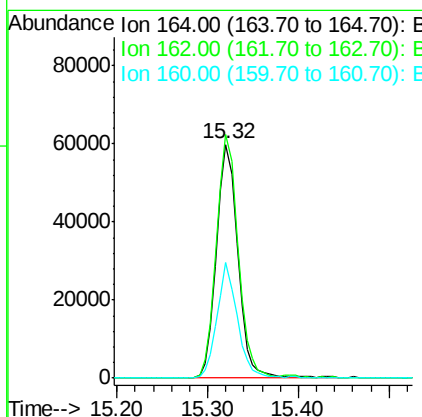
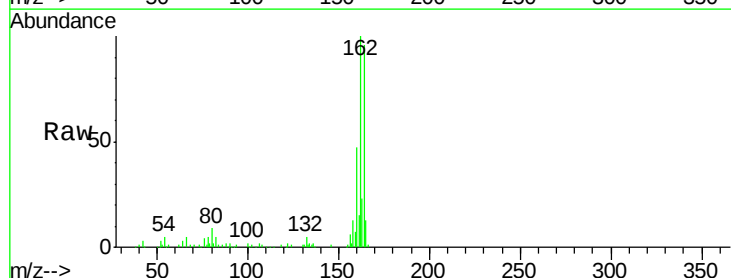
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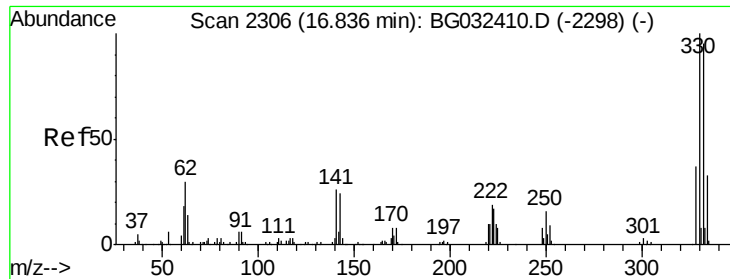
Tot Ion:142 Resp: 17883
Ion Ratio Lower Upper
142 100
141 90.3 67.1 100.7
115 39.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032615.D
Acq: 8 Feb 2018 18:04

Tgt Ion:164 Resp: 98742
Ion Ratio Lower Upper
164 100
162 104.3 78.8 118.2
160 49.4 35.4 53.0

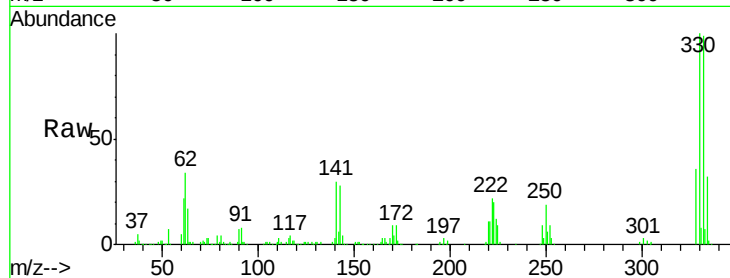




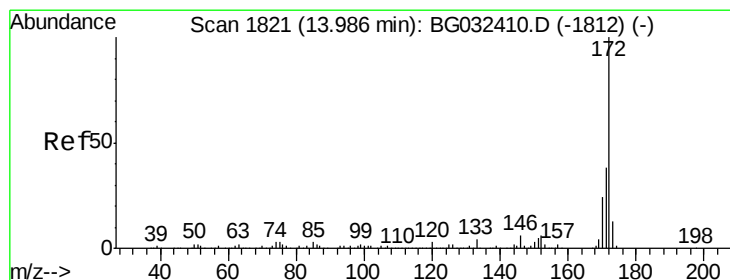
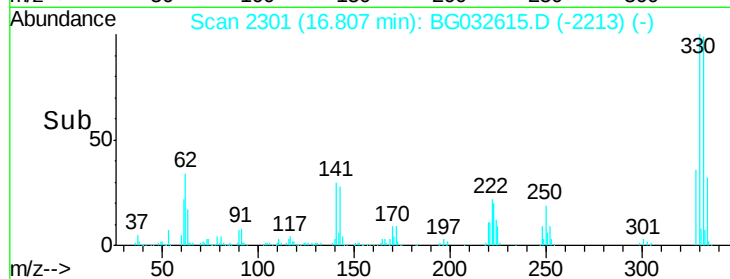
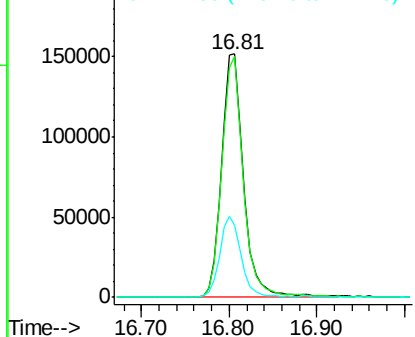
#41
 2,4,6-Tribromophenol
 Concen: 140.51 ng
 RT: 16.81 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG032615.D
 Acq: 8 Feb 2018 18:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 264101
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 32.1 25.2 37.8

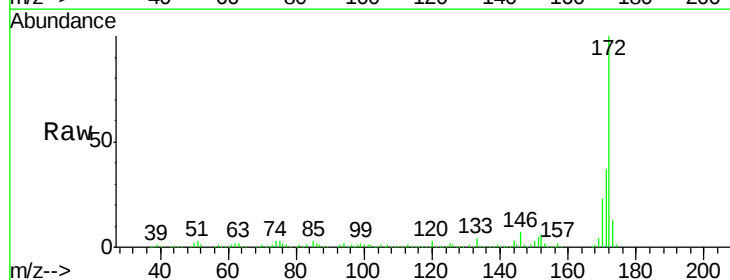


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

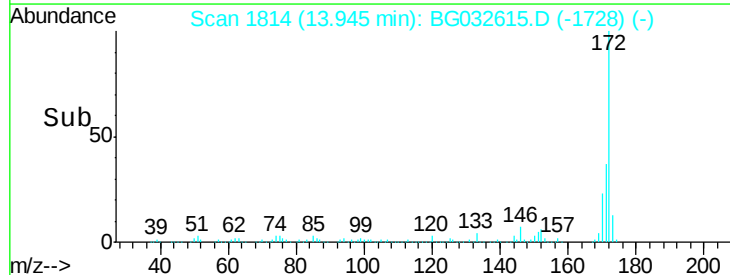
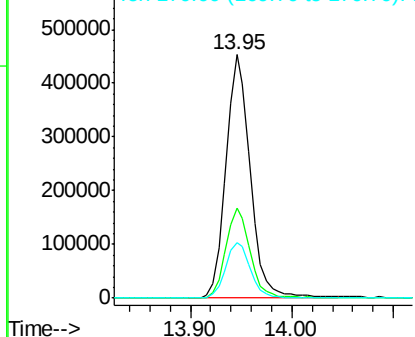


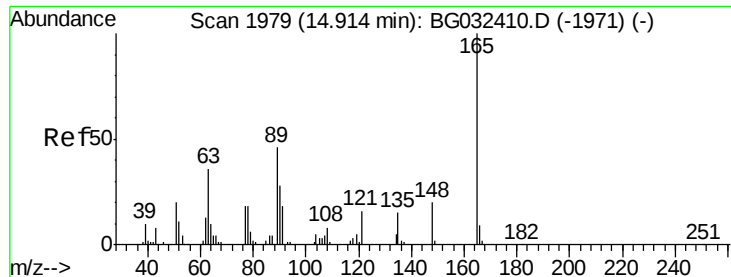
#44
 2-Fluorobiphenyl
 Concen: 90.70 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032615.D
 Acq: 8 Feb 2018 18:04

Tgt Ion:172 Resp: 753473
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 22.9 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

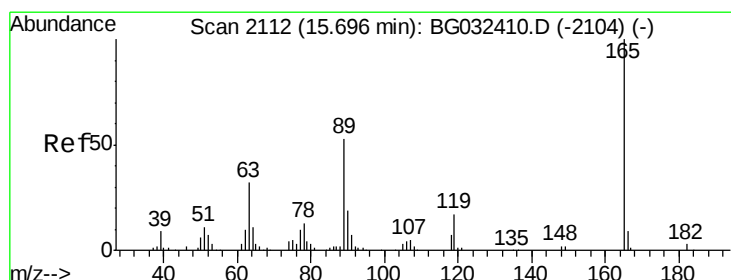
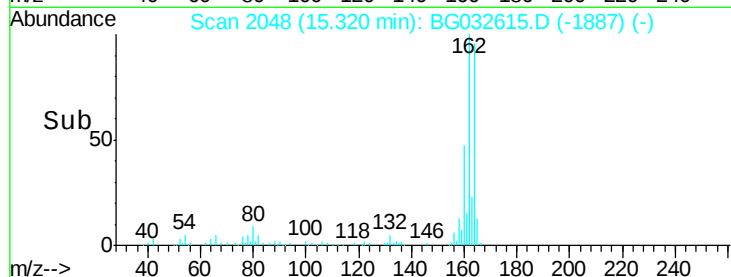
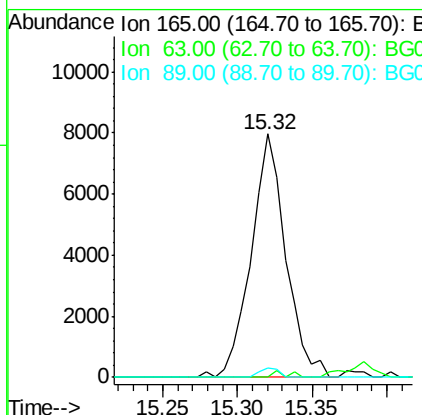
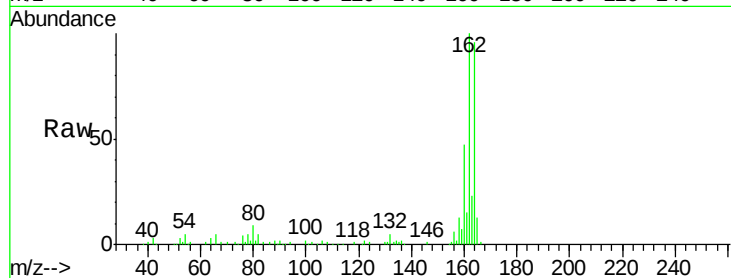




#50
 2,6-Dinitrotoluene
 Concen: 6.67 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. 0.42 min
 Lab File: BG032615.D
 Acq: 8 Feb 2018 18:04

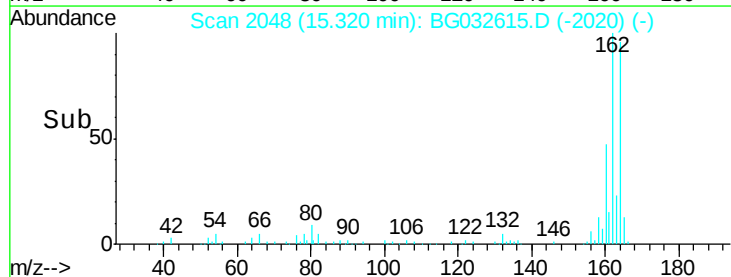
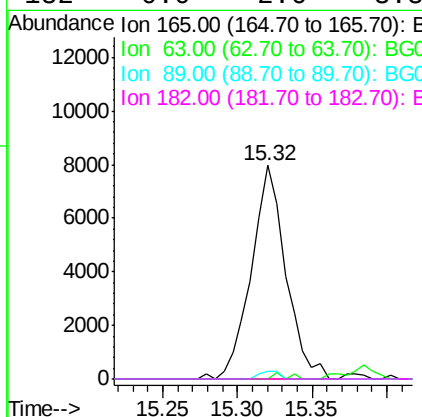
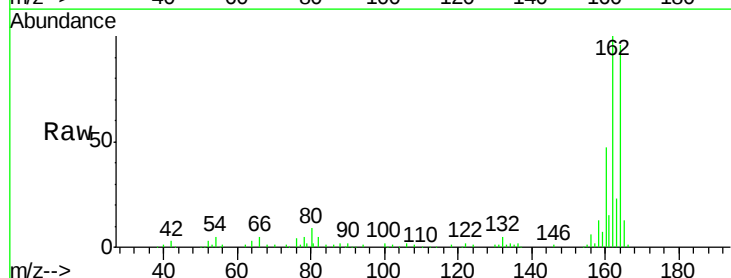
Instrument :
 BNA_G
 ClientSampleId :

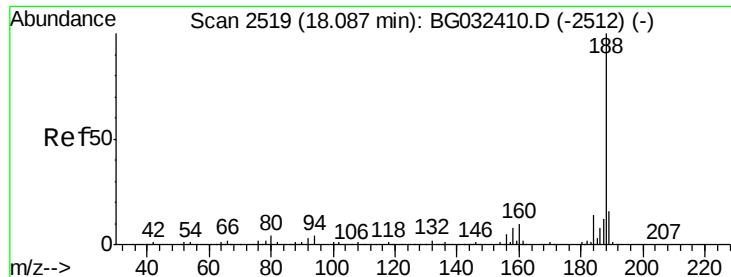
Tot Ion:165 Resp: 12753
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.8 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.69 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.36 min
 Lab File: BG032615.D
 Acq: 8 Feb 2018 18:04

Tgt Ion:165 Resp: 12753
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.8 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.06 min Scan# 2514

Delta R.T. -0.02 min

Lab File: BG032615.D

Acq: 8 Feb 2018 18:04

Instrument :

BNA_G

ClientSampleId :

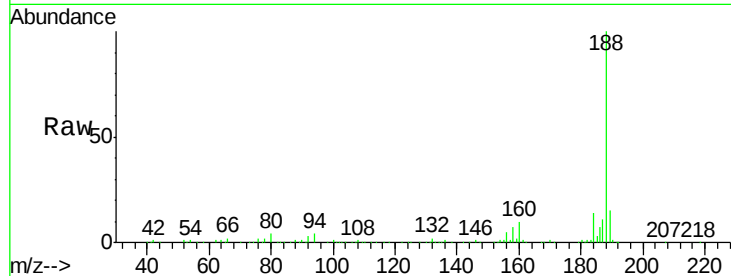
Tot Ion:188 Resp: 266339

Ion Ratio Lower Upper

188 100

94 3.5 6.9 10.3#

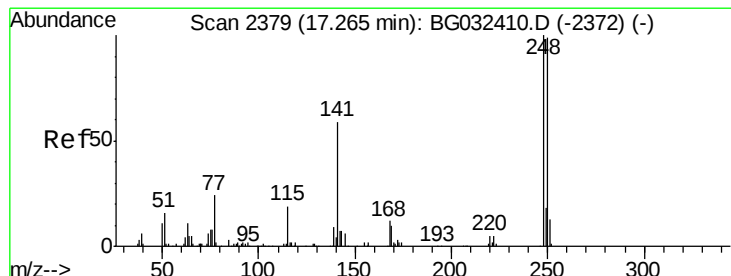
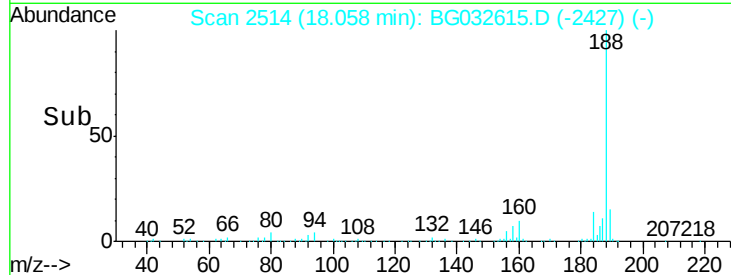
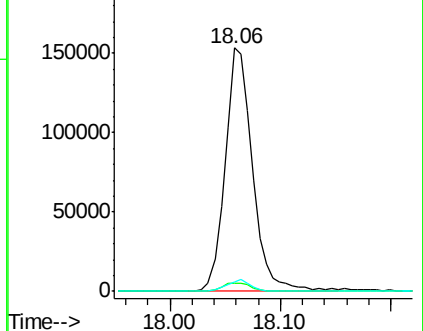
80 4.0 7.7 11.5#



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: 5.86 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.45 min

Lab File: BG032615.D

Acq: 8 Feb 2018 18:04

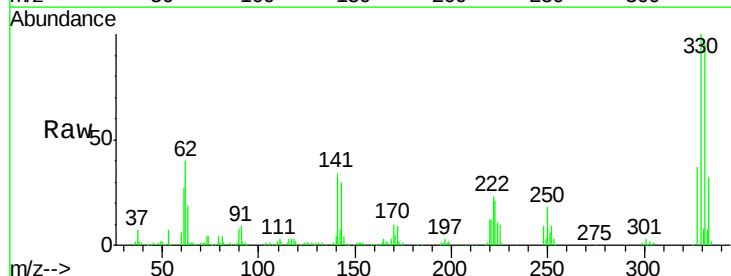
Tgt Ion:248 Resp: 23132

Ion Ratio Lower Upper

248 100

250 191.3 77.1 115.7#

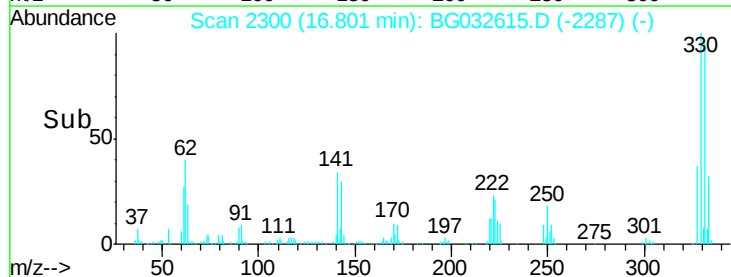
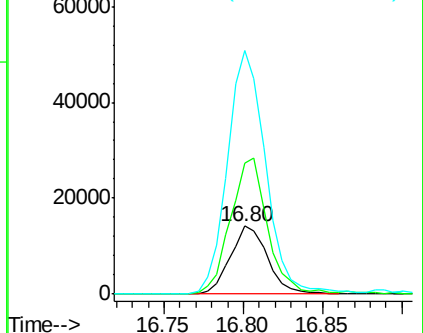
141 357.0 50.8 76.2#

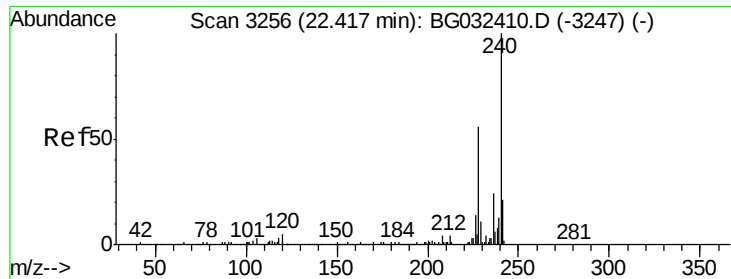


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG032615.D

Acq: 8 Feb 2018 18:04

Instrument :

BNA_G

ClientSampled :

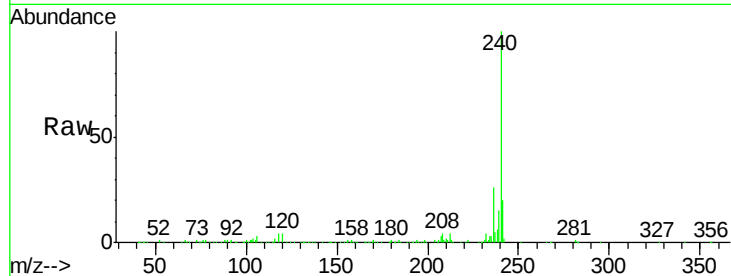
Tot Ion:240 Resp: 349132

Ion Ratio Lower Upper

240 100

120 3.5 6.8 10.2#

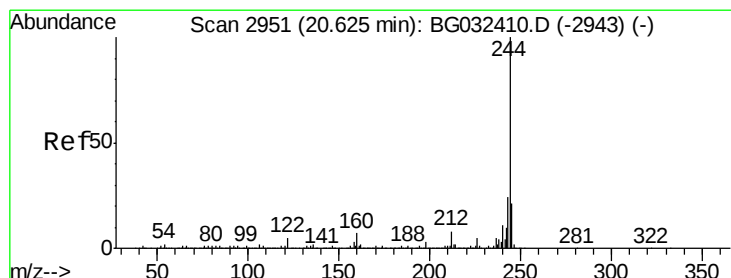
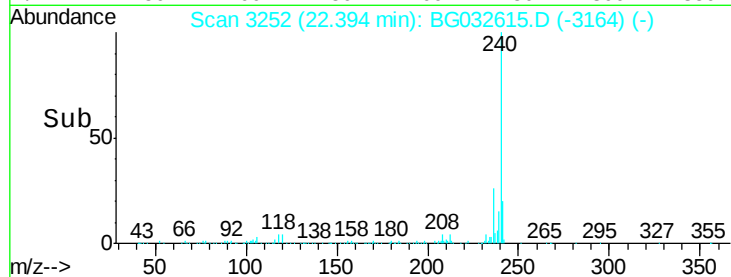
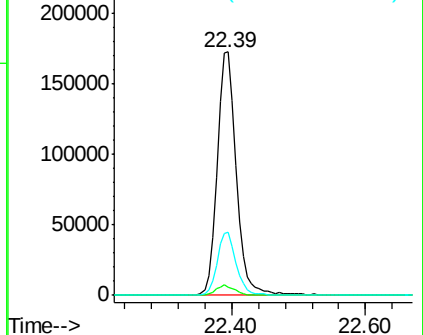
236 26.2 20.9 31.3



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



#78

Terphenyl-d14

Concen: 96.01 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032615.D

Acq: 8 Feb 2018 18:04

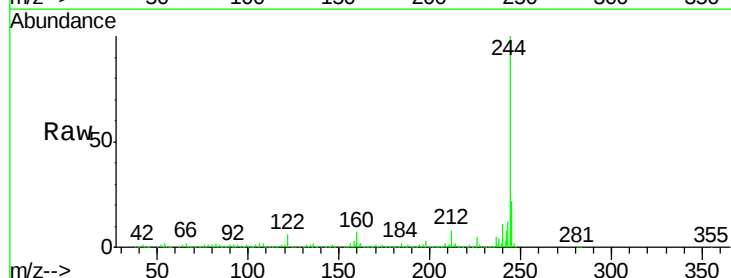
Tgt Ion:244 Resp: 1564779

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

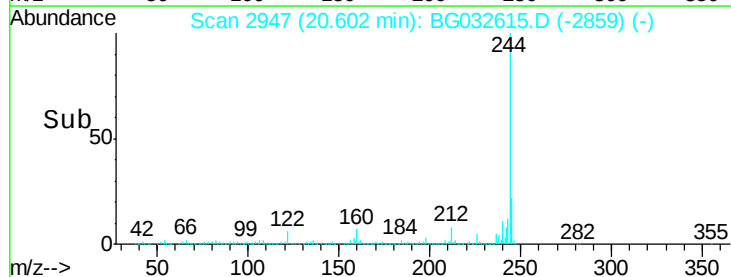
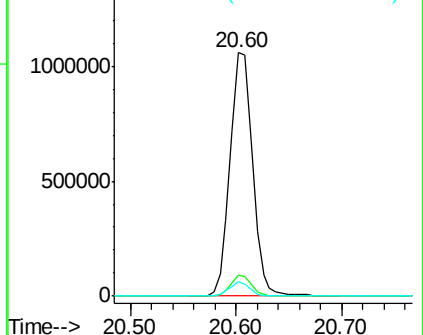
122 5.9 7.0 10.4#

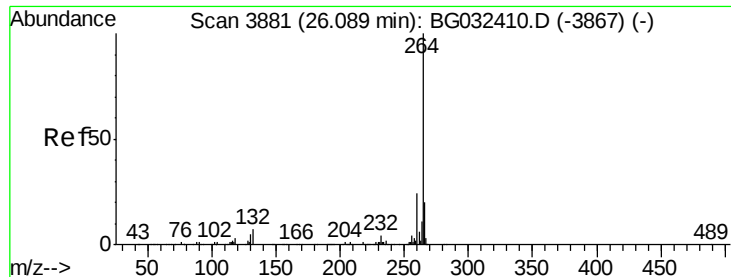


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

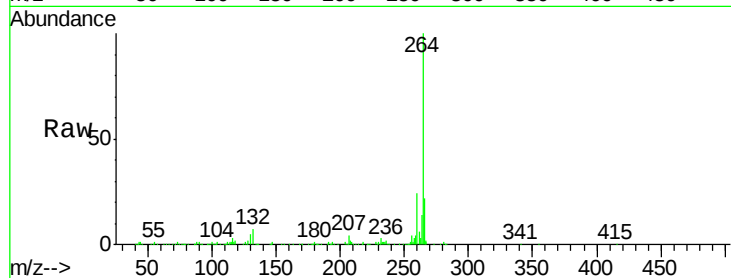




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.01 min
 Lab File: BG032615.D
 Acq: 8 Feb 2018 18:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.9	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

