

Data Path : U:\HPCHEM1\BNA G\DATA\BG013018\
 Data File : BG032457.D
 Acq On : 31 Jan 2018 00:45
 Operator : SJ/JU
 Sample : J1364-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 03:37:52 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

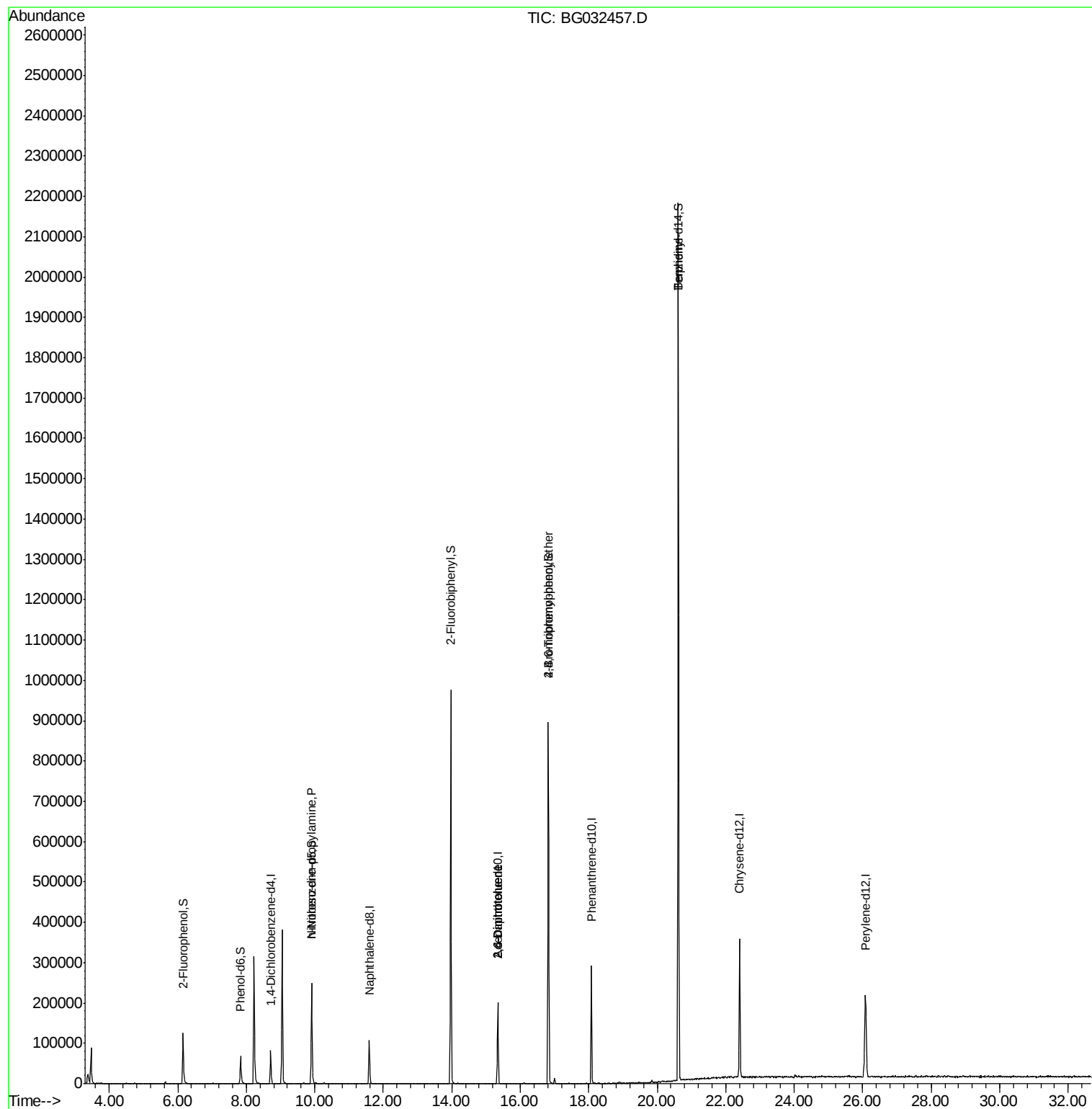
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	28608	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	108213	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	74697	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	203777	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	262167	20.00	ng	-0.02
86) Perylene-d12	26.08	264	286015	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	76073	53.41	ng	0.00
7) Phenol-d6	7.84	99	49314	25.95	ng	0.00
23) Nitrobenzene-d5	9.91	82	162433	93.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	215416	151.50	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	587721	93.52	ng	-0.01
78) Terphenyl-d14	20.62	244	1169036	95.52	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.91	70	23300	18.489	ng	# 79
50) 2,6-Dinitrotoluene	15.34	165	9933	6.871	ng	# 18
56) 2,4-Dinitrotoluene	15.34	165	9933	4.826	ng	# 16
66) 4-Bromophenyl-phenylether	16.83	248	18809	6.230	ng	# 1
76) Benzidine	20.62	184	17254	3.352	ng	# 96

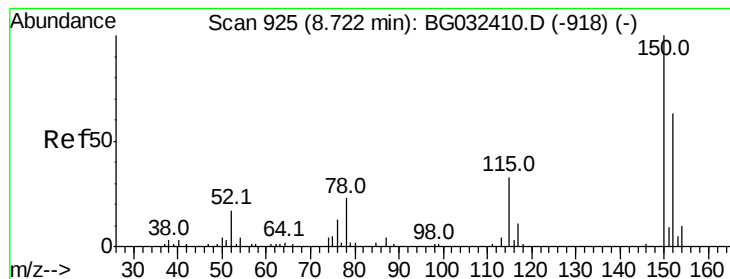
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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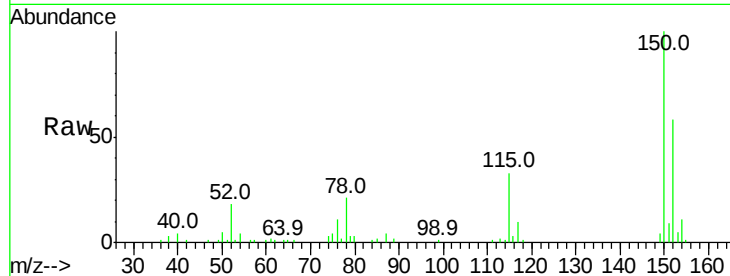


#1

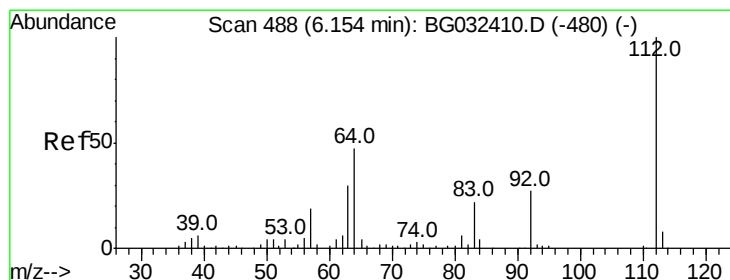
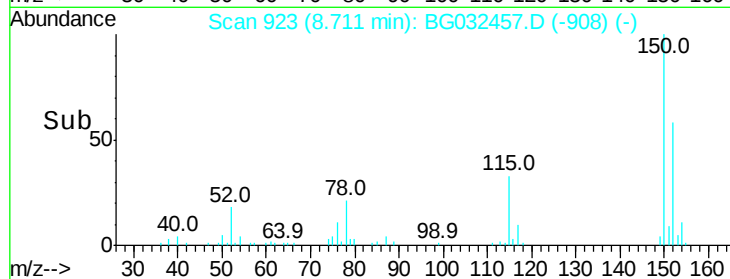
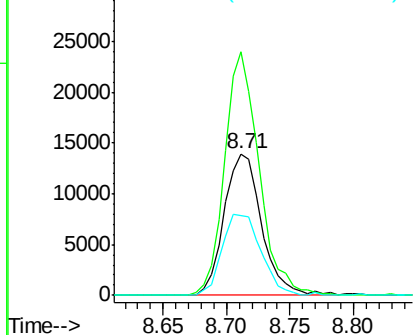
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032457.D
Acq: 31 Jan 2018 00:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28608
Ion Ratio Lower Upper
152 100
150 172.0 126.6 189.8
115 56.0 53.0 79.4



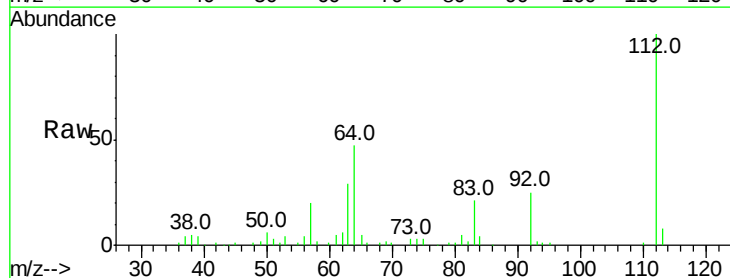
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



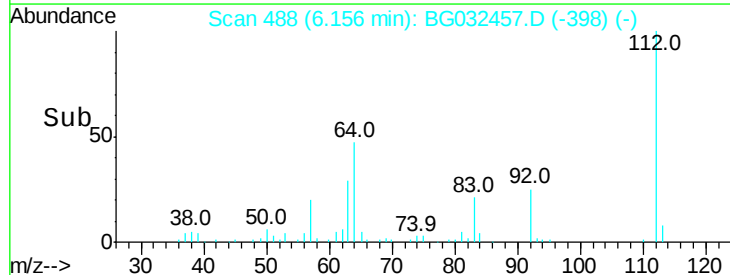
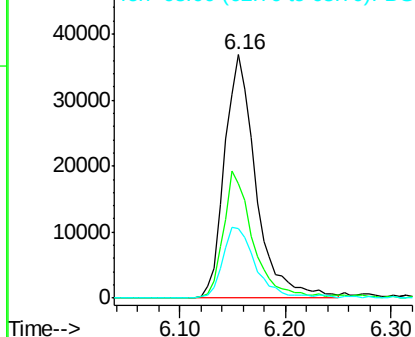
#5

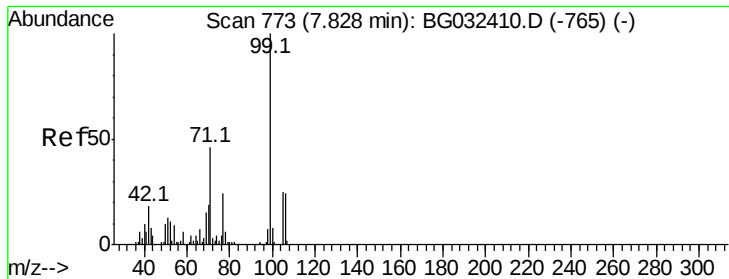
2-Fluorophenol
Concen: 53.411 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032457.D
Acq: 31 Jan 2018 00:45

Tgt Ion:112 Resp: 76073
Ion Ratio Lower Upper
112 100
64 46.9 56.3 84.5#
63 28.7 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: 25.946 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

Instrument :

BNA_G

ClientSampled :

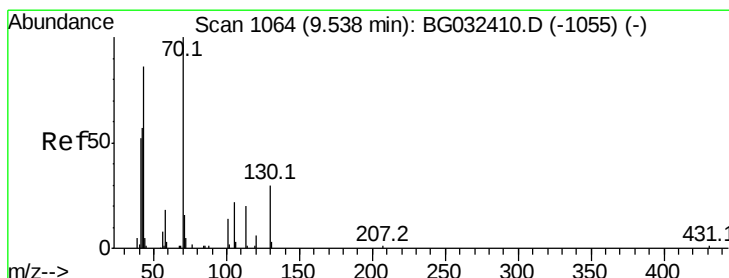
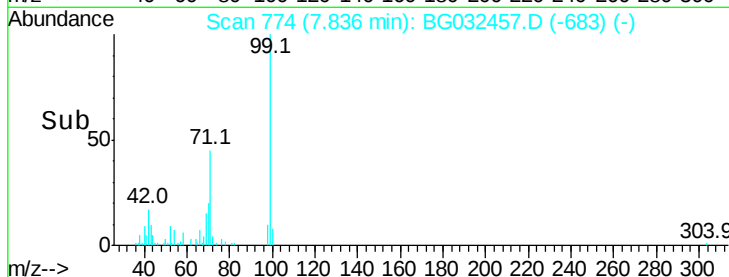
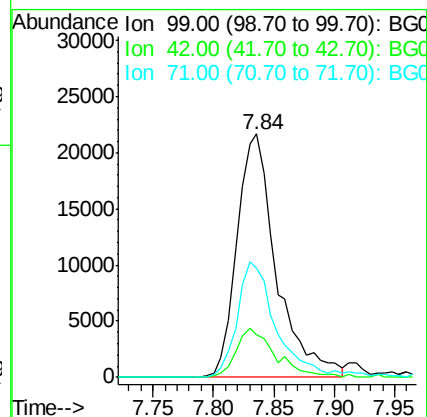
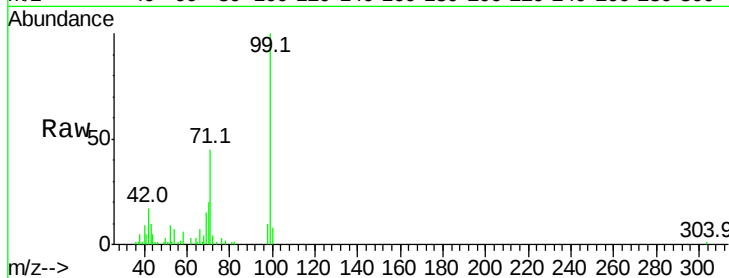
Tot Ion: 99 Resp: 49314

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

71 45.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 18.489 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.37 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

Tgt Ion: 70 Resp: 23300

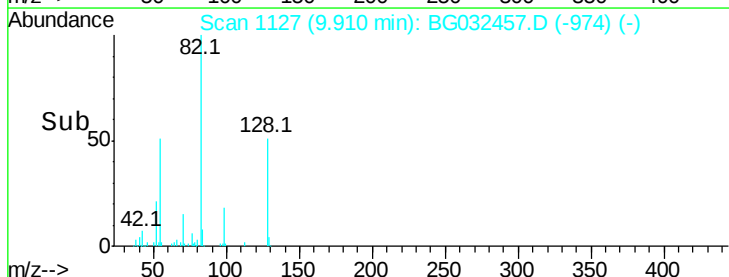
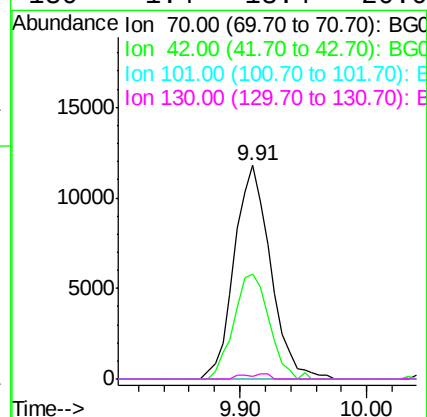
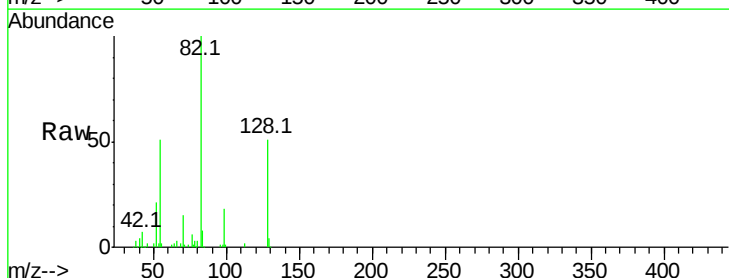
Ion Ratio Lower Upper

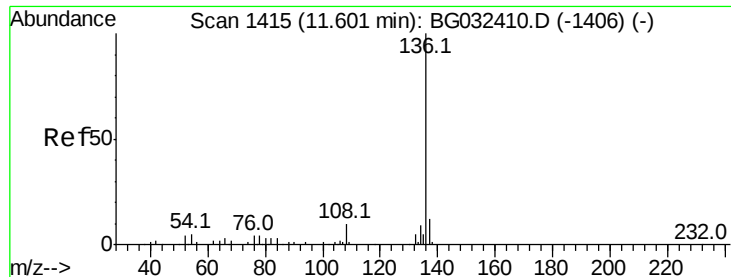
70 100

42 49.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

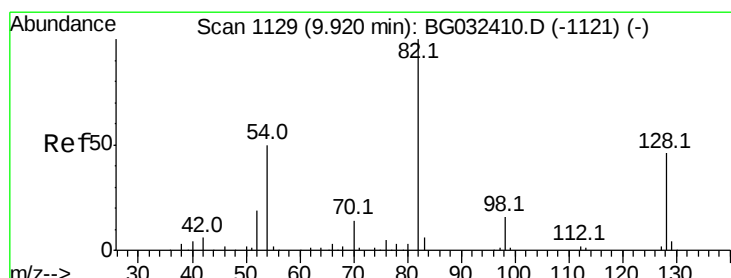
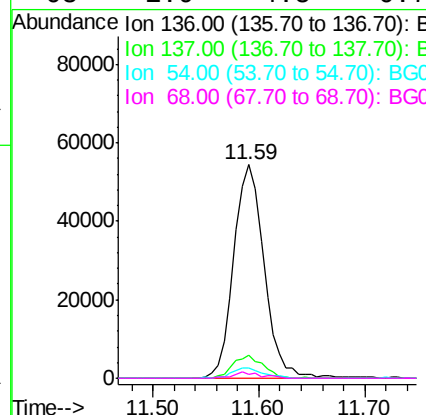
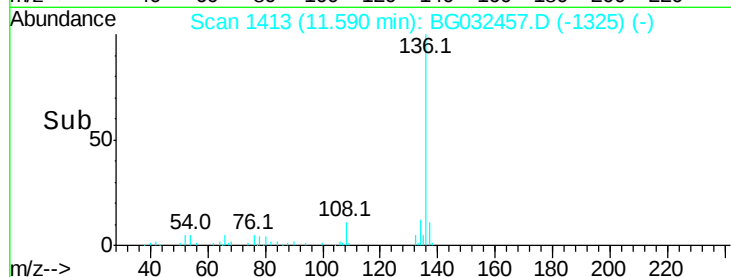
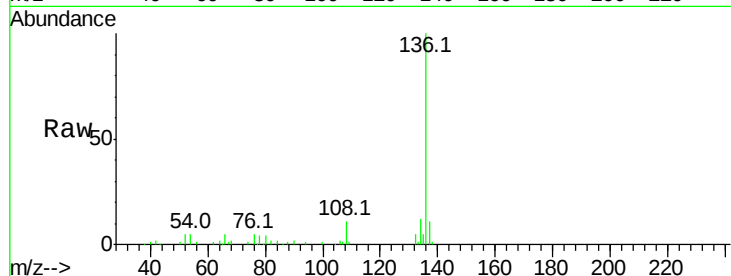




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032457.D
Acq: 31 Jan 2018 00:45

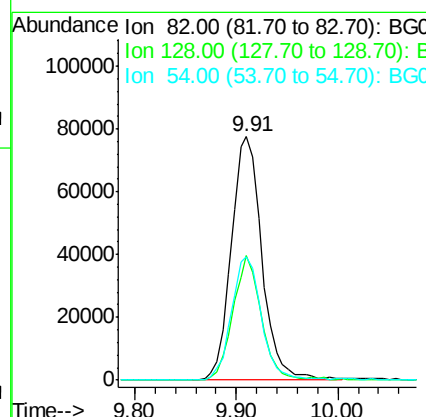
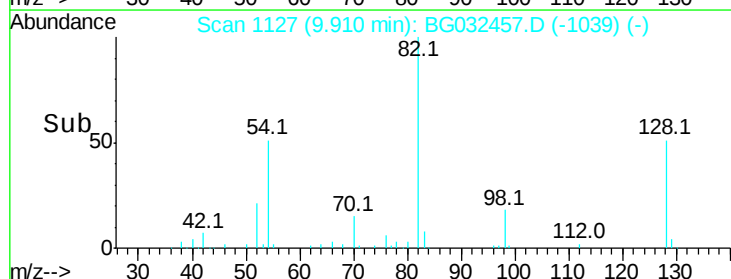
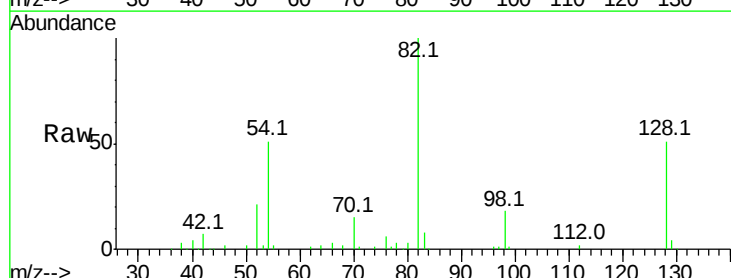
Instrument :
BNA_G
ClientSampleId :

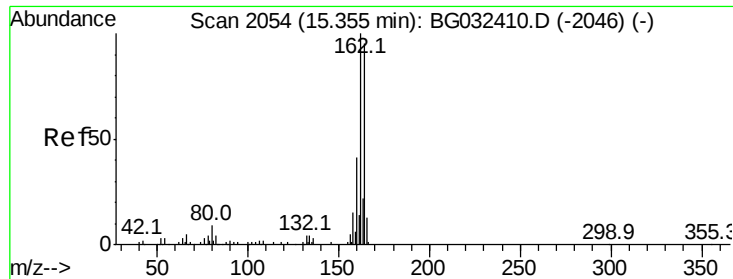
Tot Ion:	136	Resp:	108213
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.9	10.3	15.5#
68	1.9	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 93.756 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032457.D
Acq: 31 Jan 2018 00:45

Tgt Ion:	82	Resp:	162433
Ion	Ratio	Lower	Upper
82	100		
128	51.0	29.7	44.5#
54	50.6	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

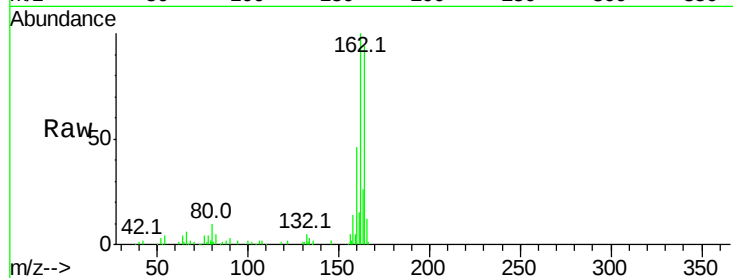
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 74697

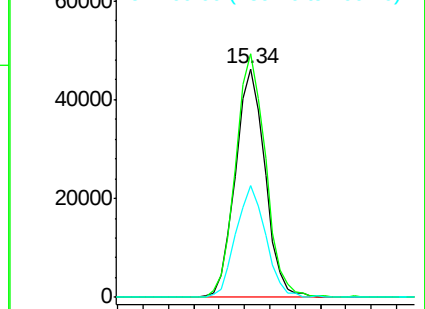
Ion	Ratio	Lower	Upper
164	100		
162	106.7	78.8	118.2
160	48.9	35.4	53.0



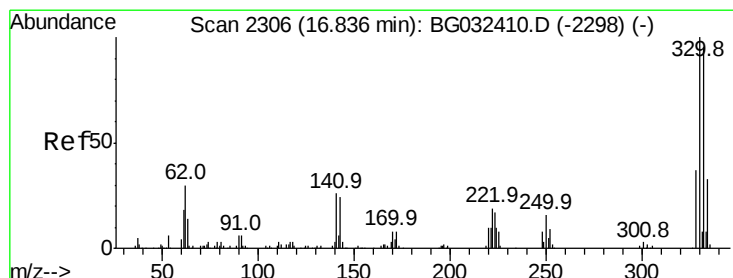
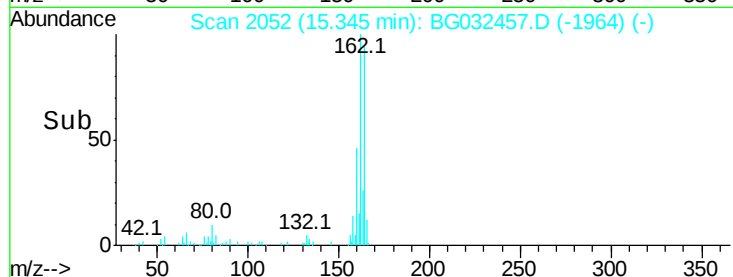
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 151.503 ng

RT: 16.83 min Scan# 2304

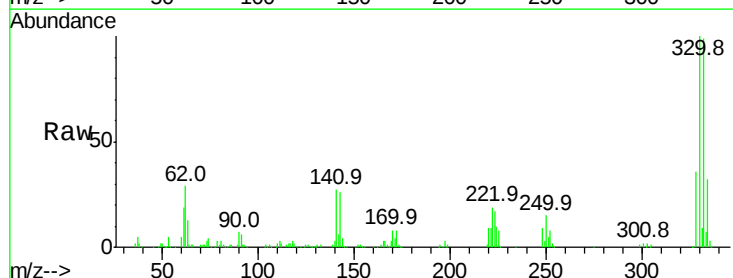
Delta R.T. -0.01 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

Tgt Ion:330 Resp: 215416

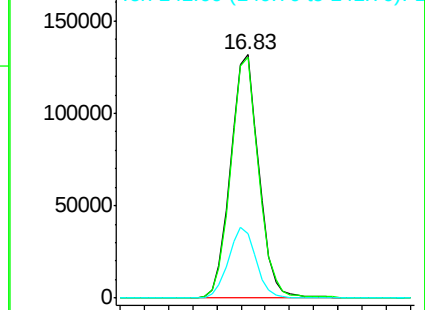
Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	28.4	25.2	37.8



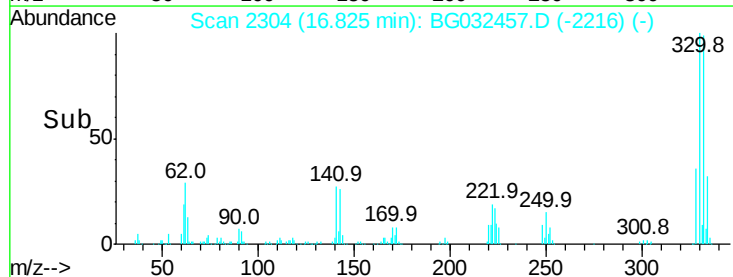
Abundance Ion 329.80 (329.50 to 330.50): E

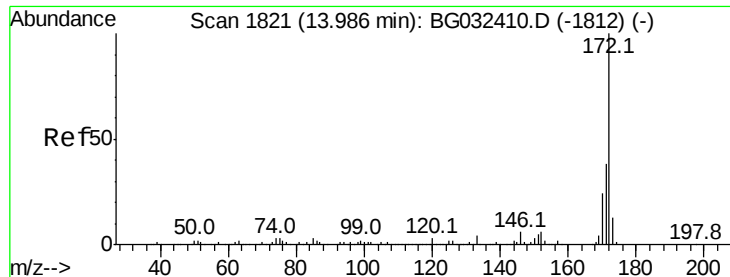
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

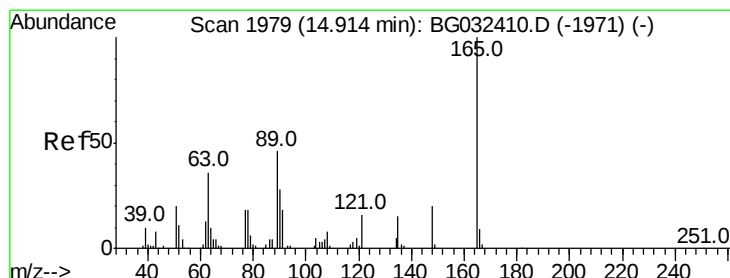
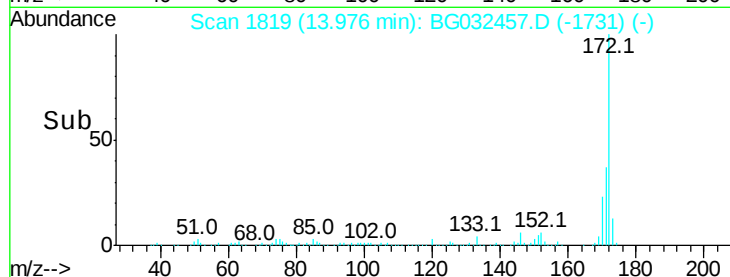
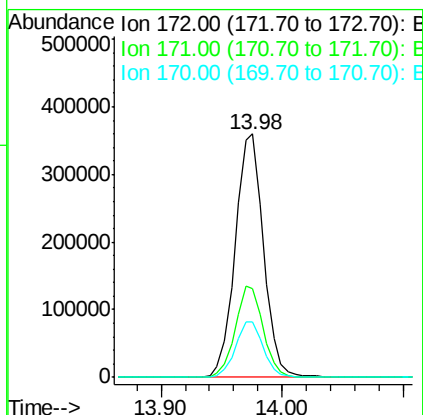
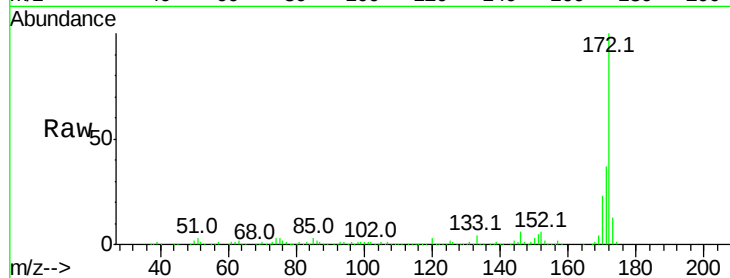




#44
 2-Fluorobiphenyl
 Concen: 93.517 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032457.D
 Acq: 31 Jan 2018 00:45

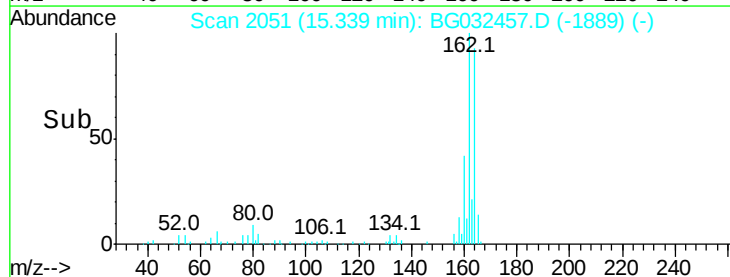
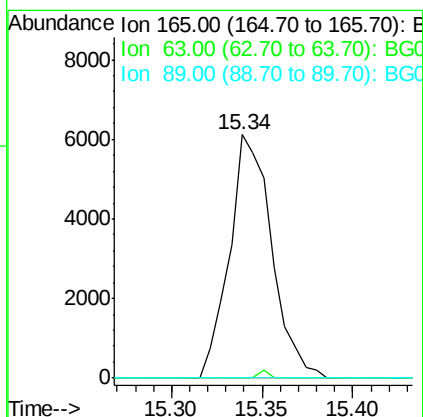
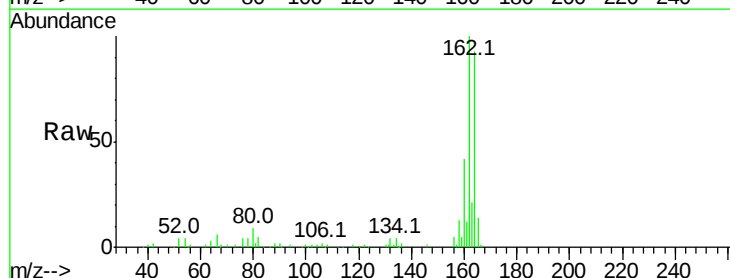
Instrument :
 BNA_G
 ClientSampleId :

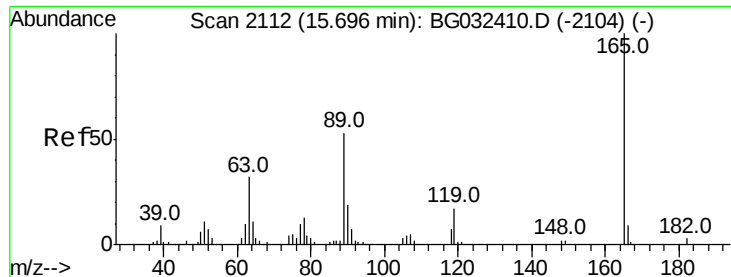
Tot Ion:172 Resp: 587721
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 23.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.871 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.42 min
 Lab File: BG032457.D
 Acq: 31 Jan 2018 00:45

Tgt Ion:165 Resp: 9933
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

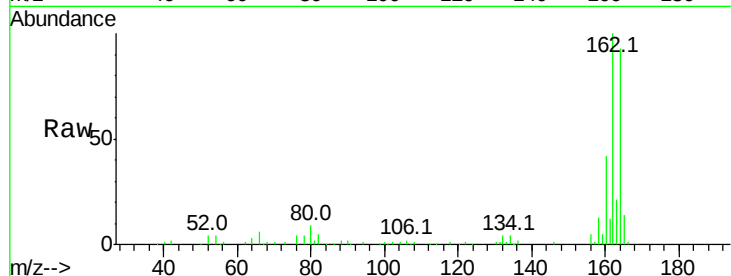




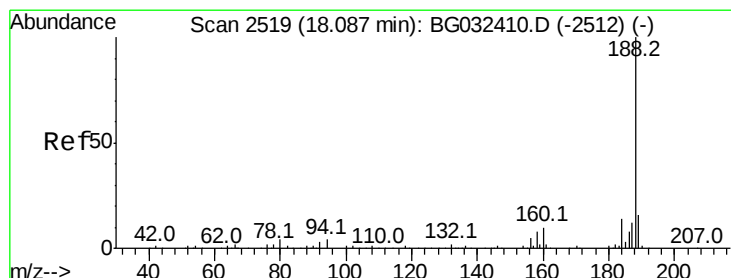
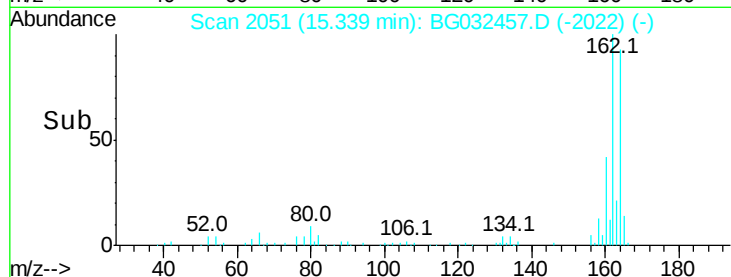
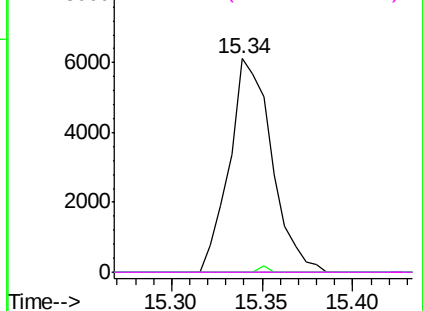
#56
 2,4-Dinitrotoluene
 Concen: 4.826 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.36 min
 Lab File: BG032457.D
 Acq: 31 Jan 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 9933
 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#

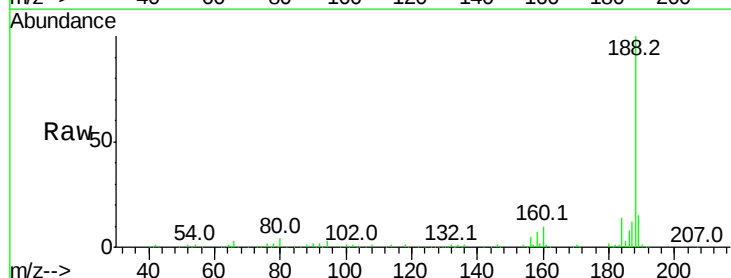


Abundance Ion 165.00 (164.70 to 165.70): E

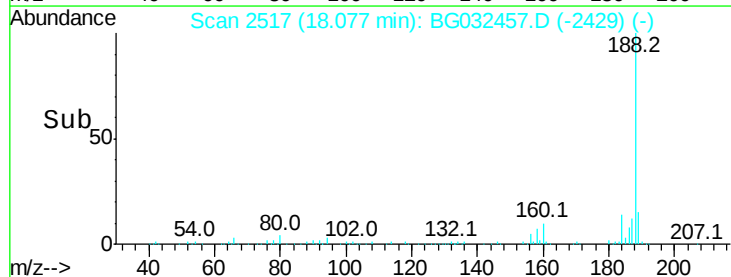
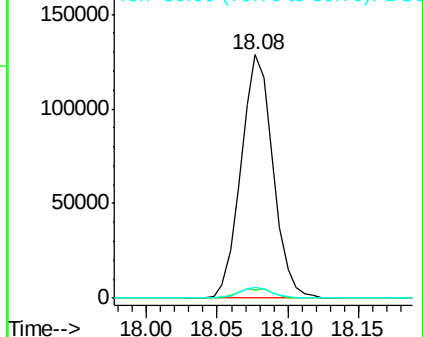


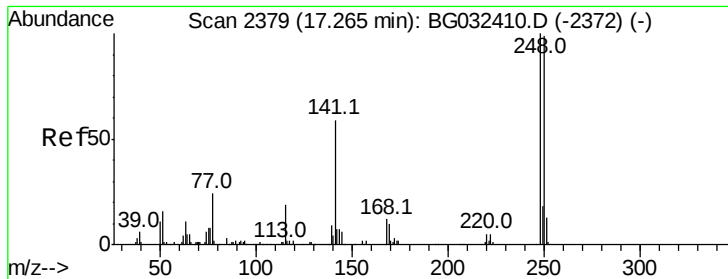
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032457.D
 Acq: 31 Jan 2018 00:45

Tgt Ion:188 Resp: 203777
 Ion Ratio Lower Upper
 188 100
 94 3.1 6.9 10.3#
 80 4.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

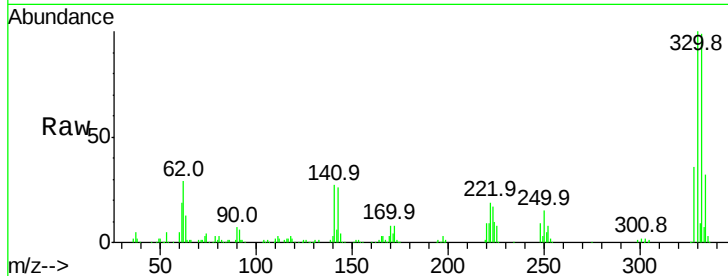




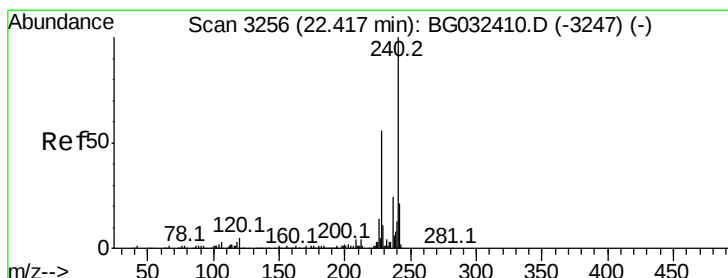
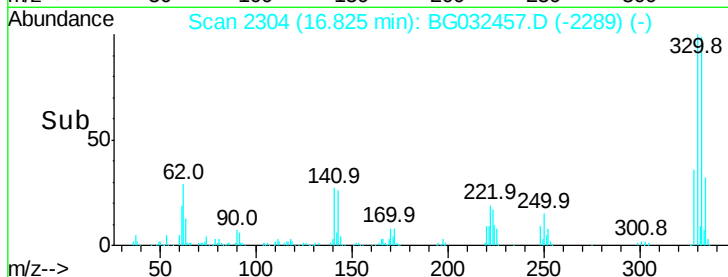
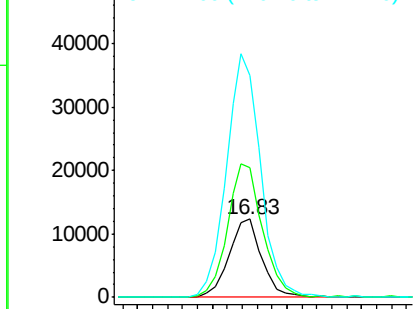
#66
4-Bromophenyl-phenylether
Concen: 6.230 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032457.D
Acq: 31 Jan 2018 00:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18809
Ion Ratio Lower Upper
248 100
250 165.0 77.1 115.7#
141 284.2 50.8 76.2#

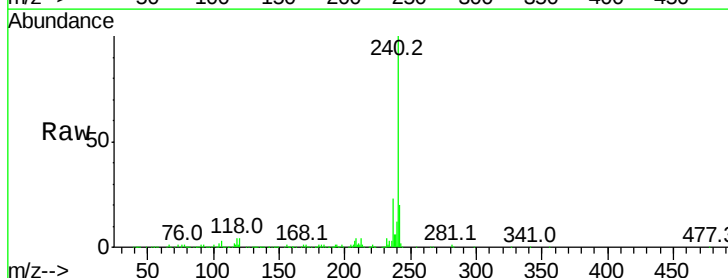


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

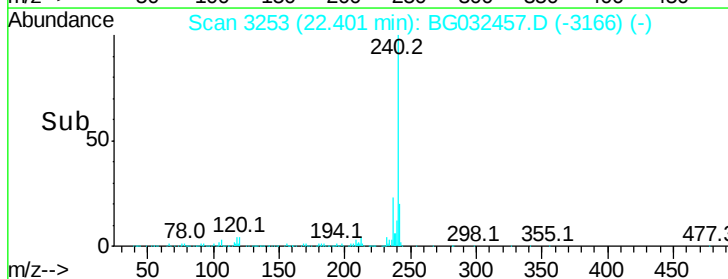
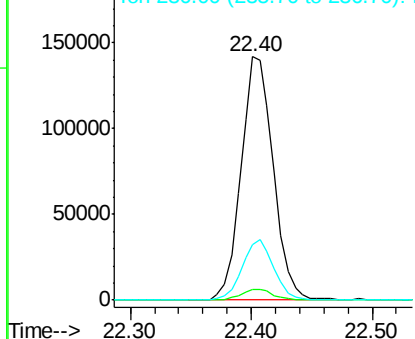


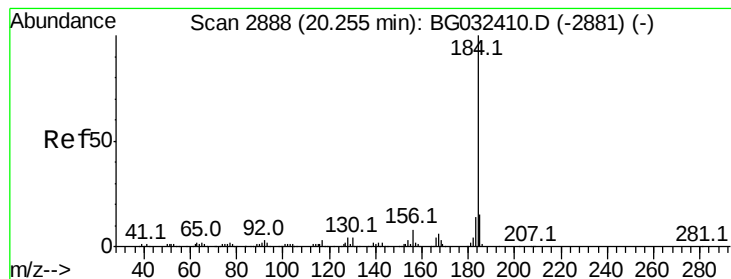
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032457.D
Acq: 31 Jan 2018 00:45

Tgt Ion:240 Resp: 262167
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 22.9 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: 3.352 ng

RT: 20.62 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

Instrument :

BNA_G

ClientSampleId :

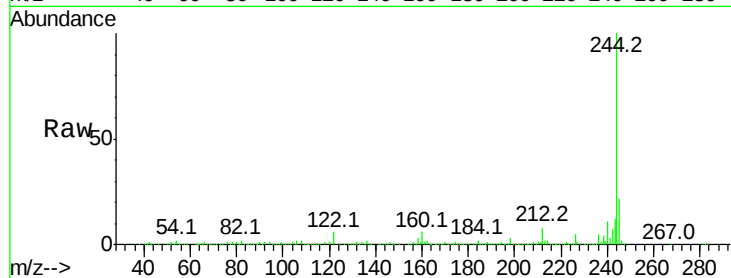
Tot Ion:184 Resp: 17254

Ion Ratio Lower Upper

184 100

185 13.6 11.1 16.7

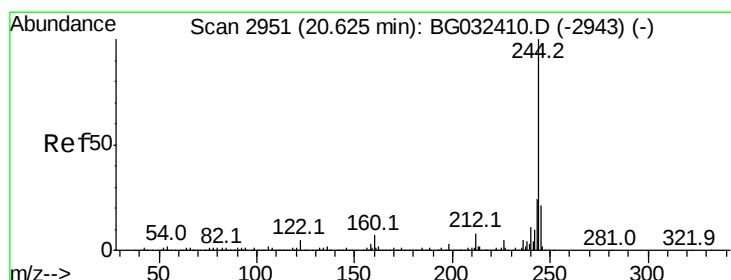
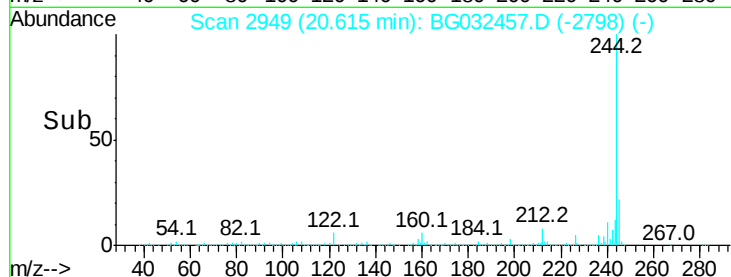
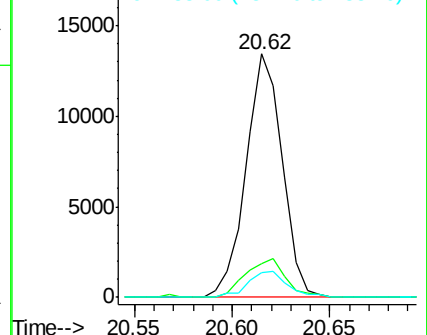
183 10.3 10.6 16.0#



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: 95.518 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032457.D

Acq: 31 Jan 2018 00:45

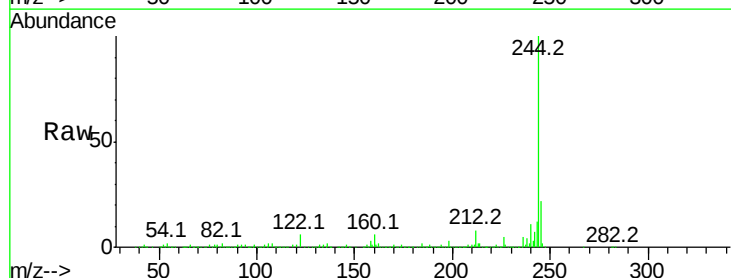
Tgt Ion:244 Resp: 1169036

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

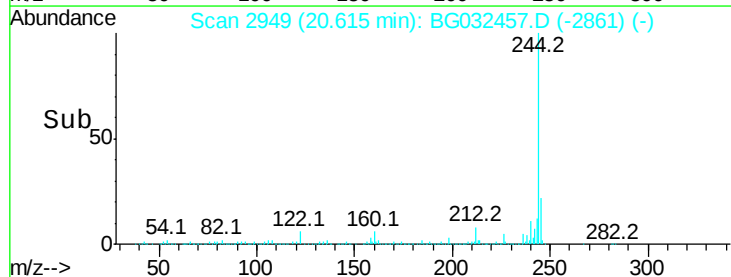
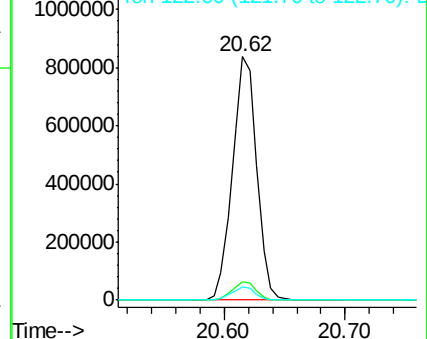
122 5.6 7.0 10.4#

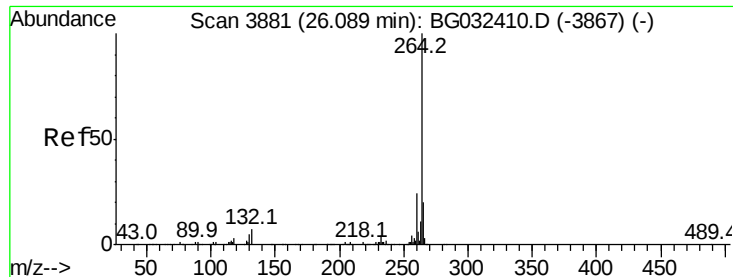


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.08 min Scan# 3879
Delta R.T. -0.01 min
Lab File: BG032457.D
Acq: 31 Jan 2018 00:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	23.5	17.7	26.5

