

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033904.D
 Acq On : 21 Apr 2018 3:50
 Operator : SJ/JU
 Sample : J2473-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-D-S

Quant Time: Apr 21 05:19:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

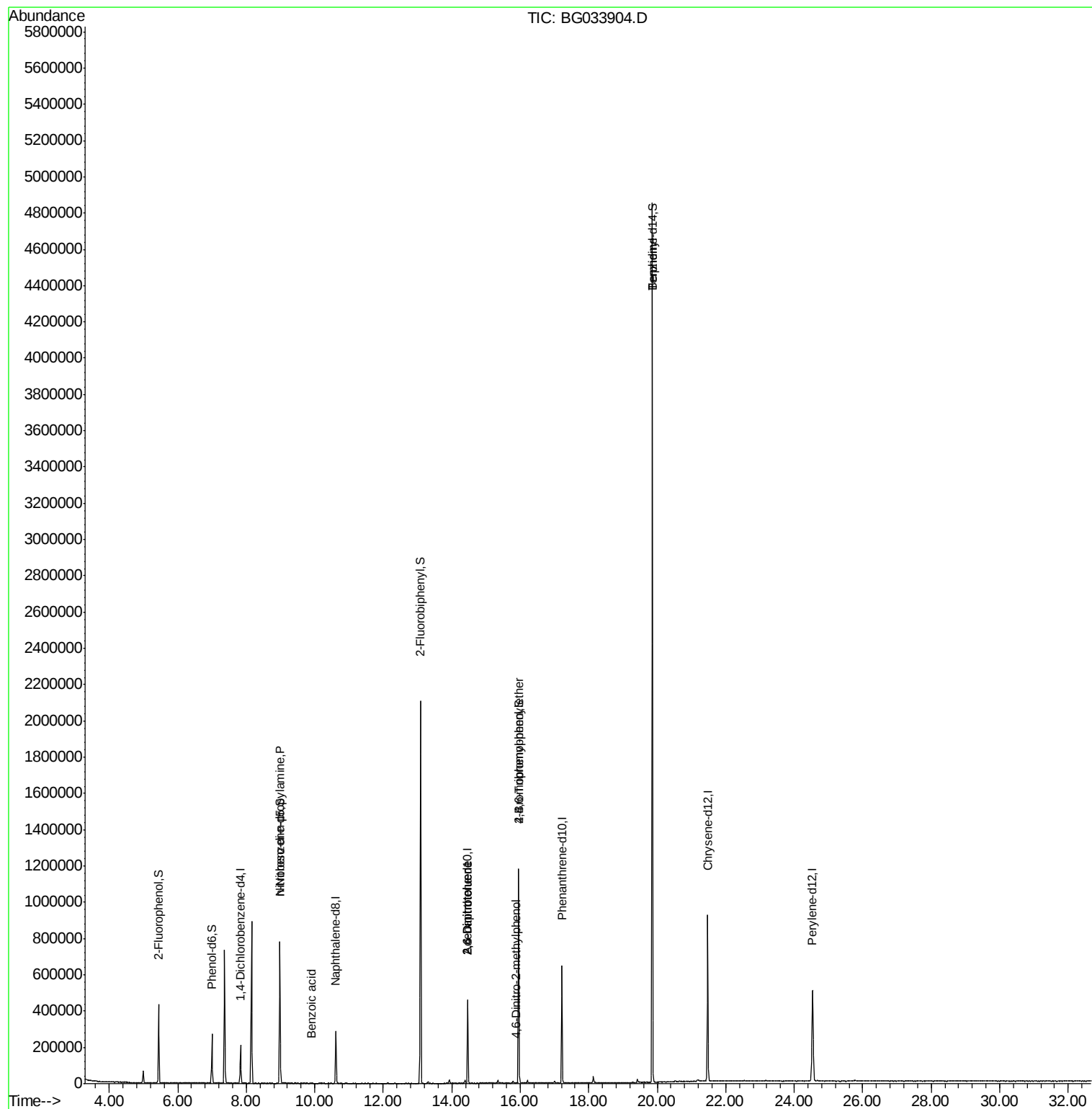
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	58599	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	243692	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	154353	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	413454	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	511412	20.00	ng	-0.02
86) Perylene-d12	24.54	264	507590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	179141	48.81	ng	0.00
7) Phenol-d6	6.99	99	150524	28.12	ng	0.00
23) Nitrobenzene-d5	8.98	82	452330	105.63	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	207571	115.27	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1085260	103.29	ng	-0.01
78) Terphenyl-d14	19.86	244	2158365	94.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.99	77	277	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	63693	13.957 ng	#	82
32) Benzoic acid	9.91	122	55	5.098 ng	#	1
50) 2,6-Dinitrotoluene	14.46	165	19793	7.692 ng	#	21
56) 2,4-Dinitrotoluene	14.46	165	19793	5.785 ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.88	198	57	6.514 ng	#	29
66) 4-Bromophenyl-phenylether	15.95	248	12526	2.759 ng	#	1
76) Benzydine	19.86	184	35797	2.592 ng	#	87

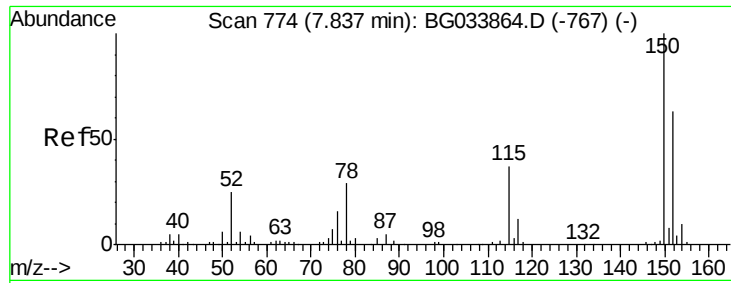
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033904.D
Acq On : 21 Apr 2018 3:50
Operator : SJ/JU
Sample : J2473-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Quant Time: Apr 21 05:19:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration



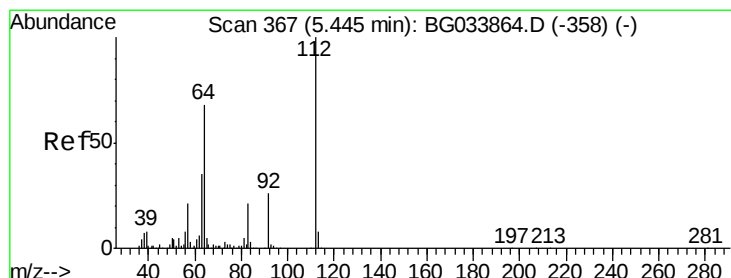
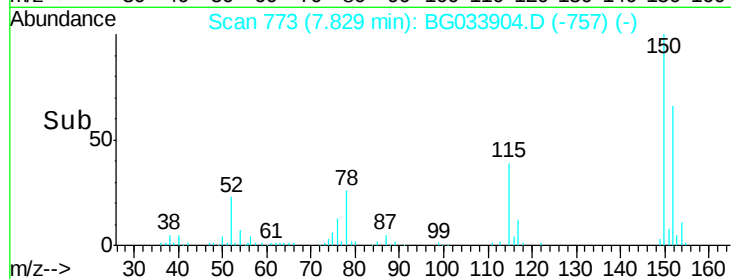
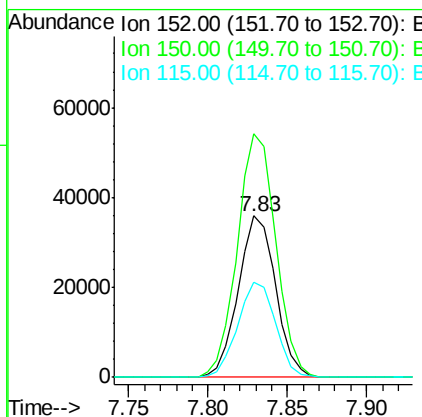
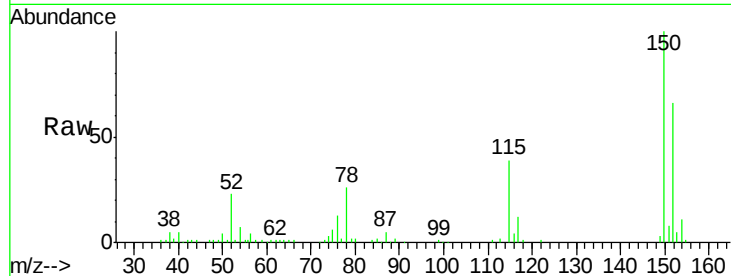


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

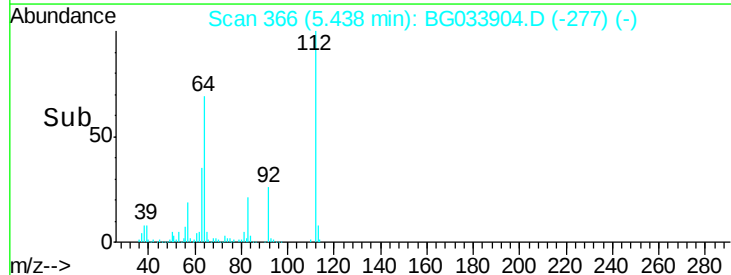
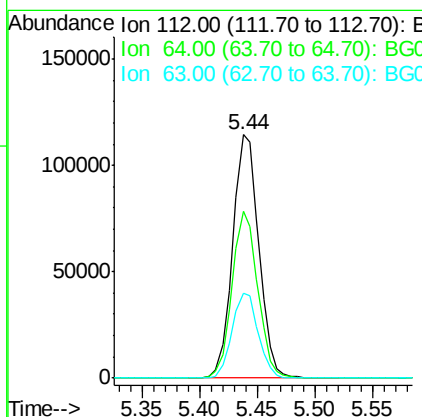
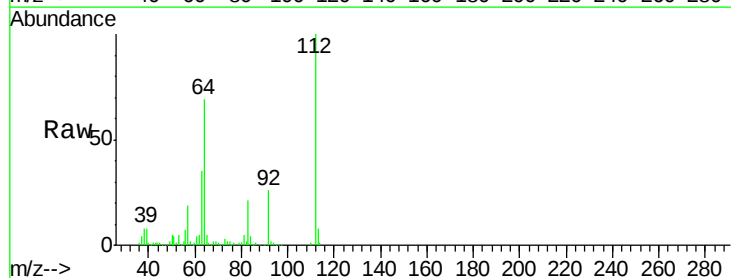
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	189.8
115	59.0	53.0	79.4

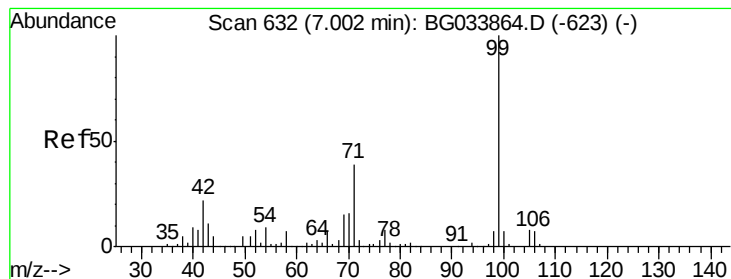


#5

2-Fluorophenol
Concen: 48.807 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	56.3	84.5
63	35.0	30.1	45.1





#7

Phenol-d6

Concen: 28.117 ng

RT: 6.99 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033904.D

Acq: 21 Apr 2018 3:50

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-D-S

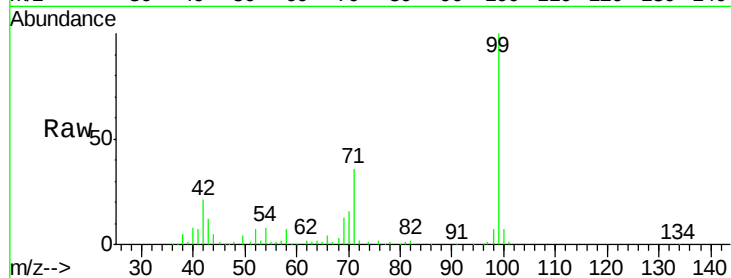
Tot Ion: 99 Resp: 150524

Ion Ratio Lower Upper

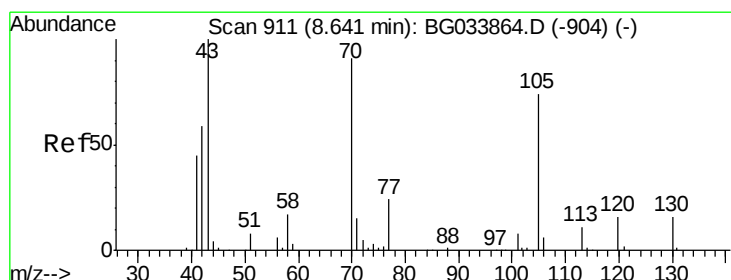
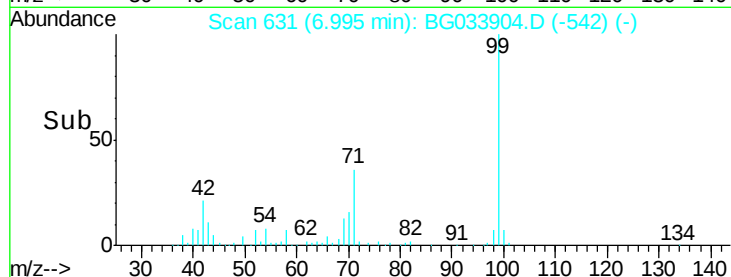
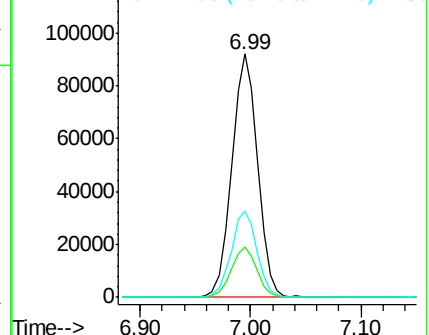
99 100

42 20.9 14.1 21.1

71 35.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.957 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.34 min

Lab File: BG033904.D

Acq: 21 Apr 2018 3:50

Tgt Ion: 70 Resp: 63693

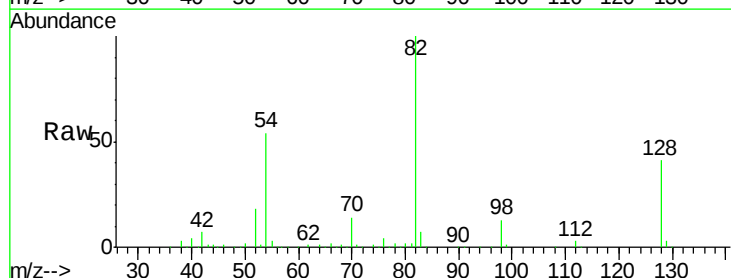
Ion Ratio Lower Upper

70 100

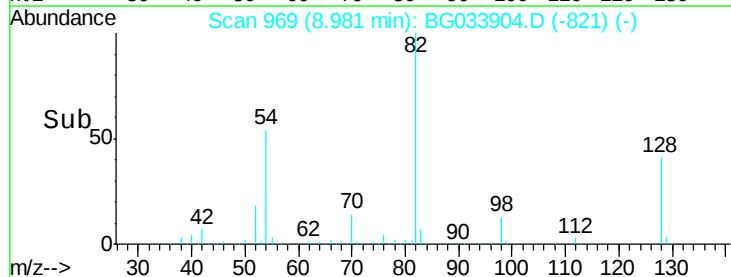
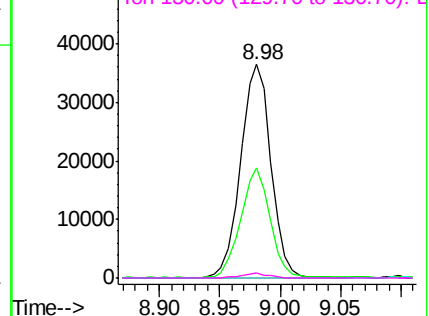
42 51.8 49.1 73.7

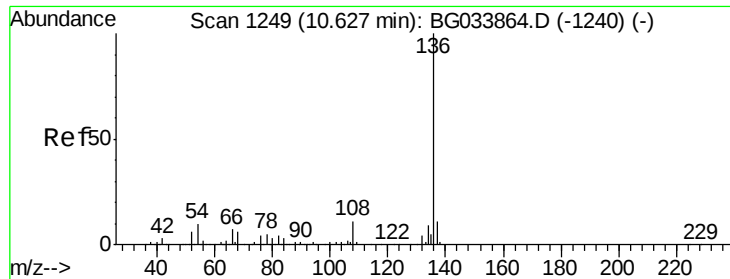
101 0.0 8.5 12.7#

130 2.4 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

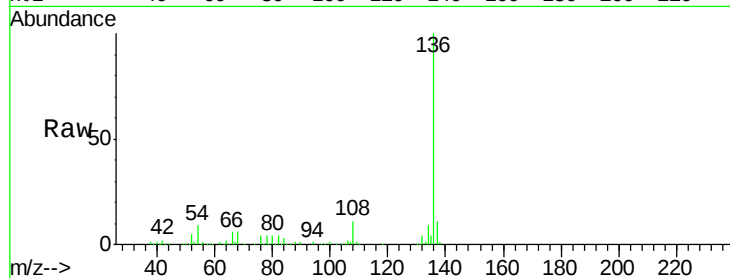




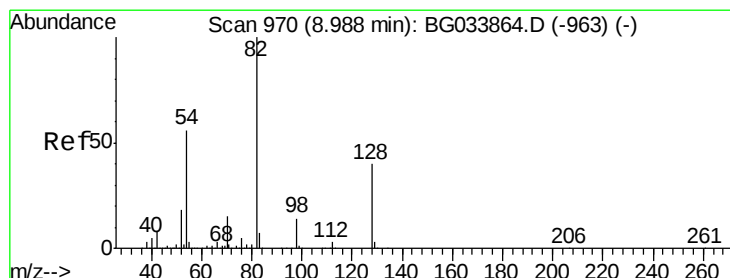
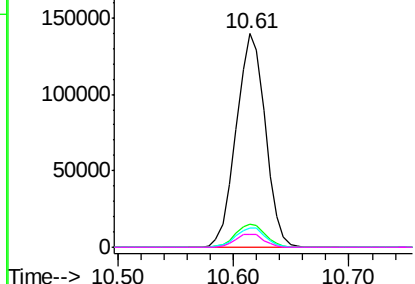
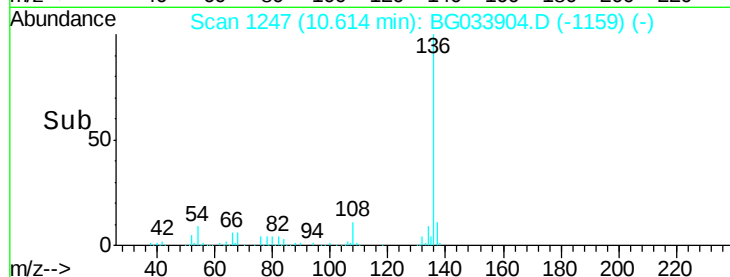
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tot Ion:136	Resp:	243692
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	9.0	10.3 15.5#
68	6.0	4.5 6.7

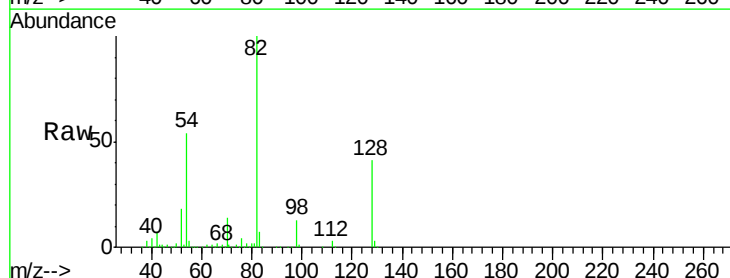


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

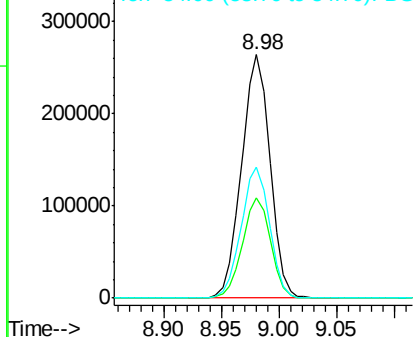
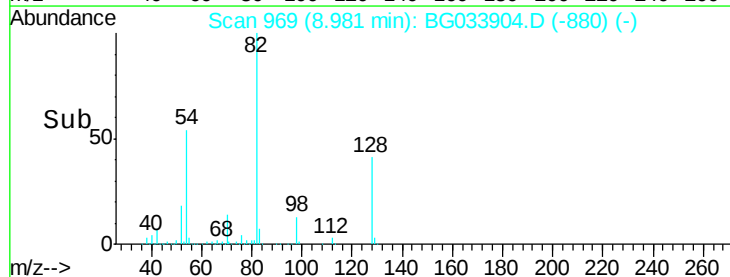


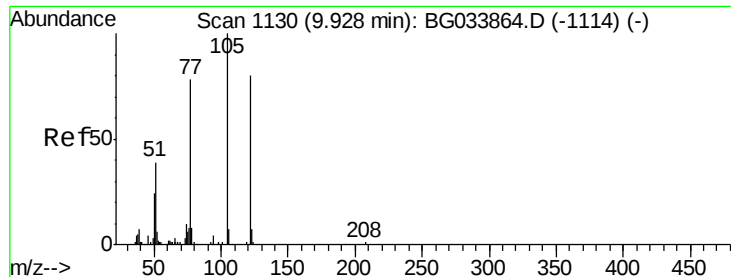
#23
Nitrobenzene-d5
Concen: 105.633 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Tgt Ion: 82	Resp:	452330
Ion Ratio	Lower	Upper
82	100	
128	41.3	29.7 44.5
54	53.6	43.1 64.7



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





#32

Benzoic acid

Concen: 5.098 ng

RT: 9.91 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG033904.D

Acq: 21 Apr 2018 3:50

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-D-S

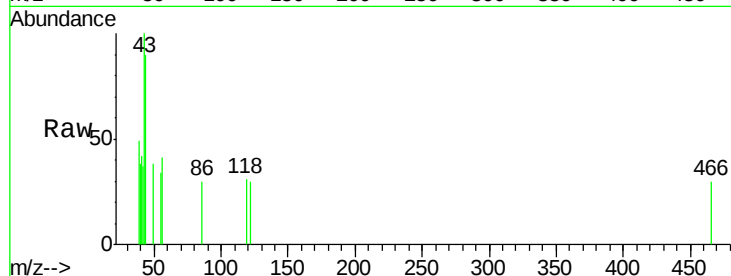
Tot Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

77 0.0 85.7 125.7#

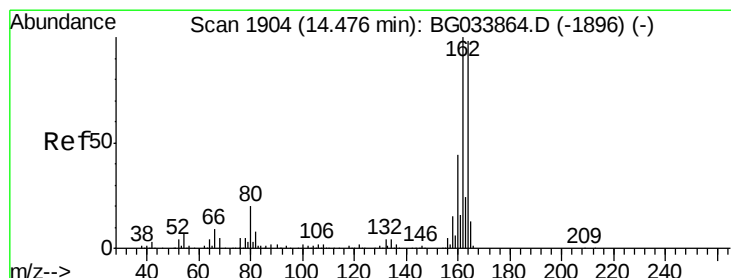
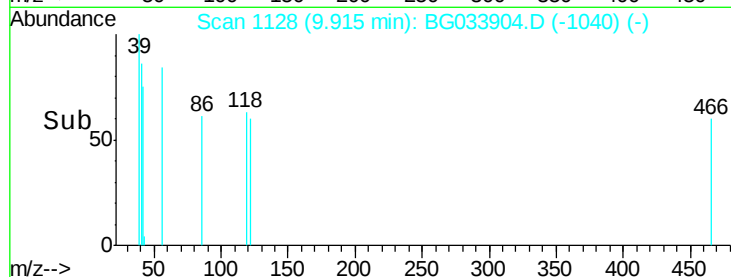
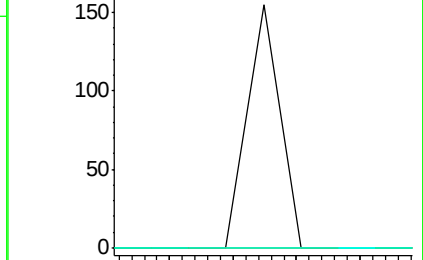


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B

9.91



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG033904.D

Acq: 21 Apr 2018 3:50

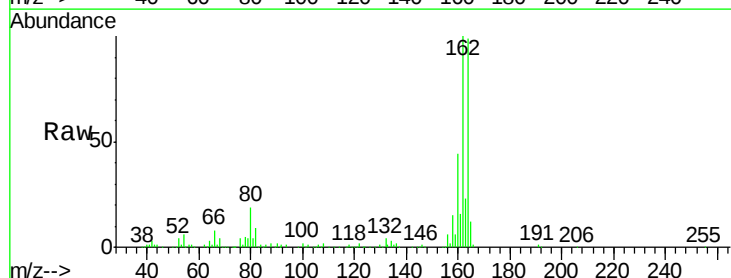
Tgt Ion:164 Resp: 154353

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

160 44.5 35.4 53.0

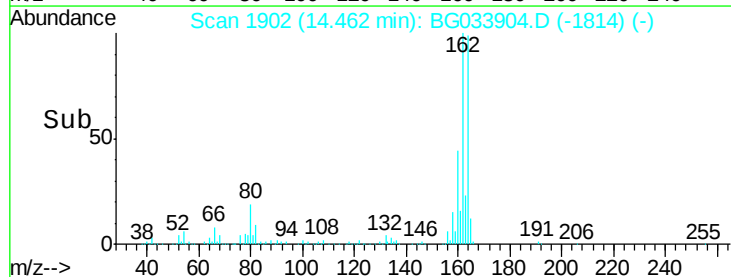
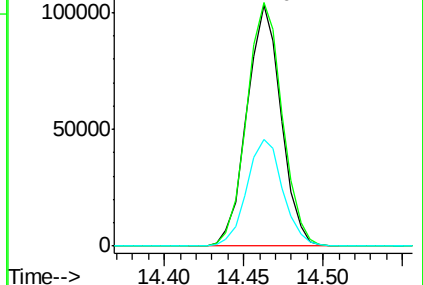


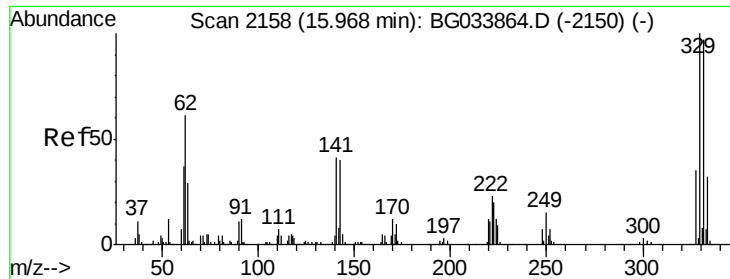
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.46

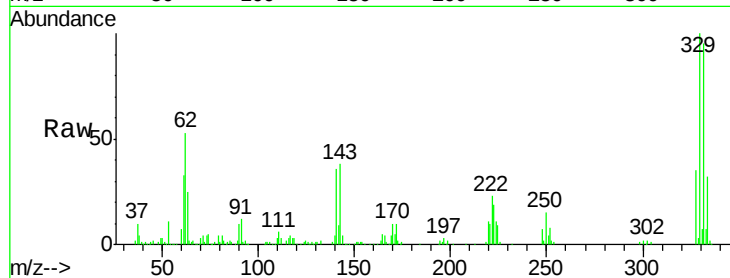




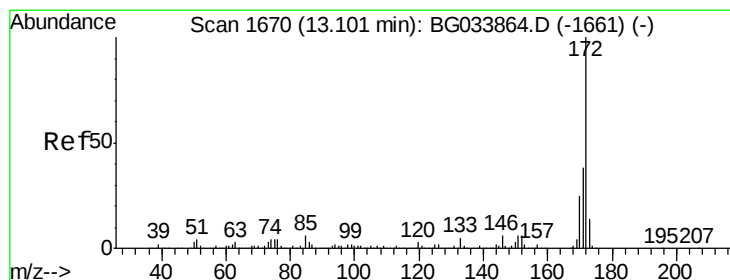
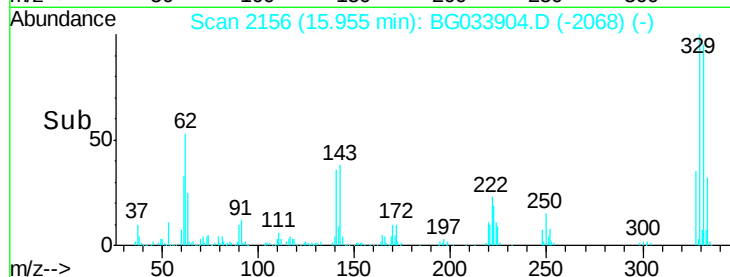
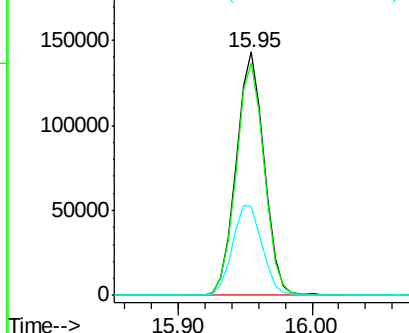
#41
 2,4,6-Tribromophenol
 Concen: 115.268 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033904.D
 Acq: 21 Apr 2018 3:50

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	39.5	25.2	37.8#

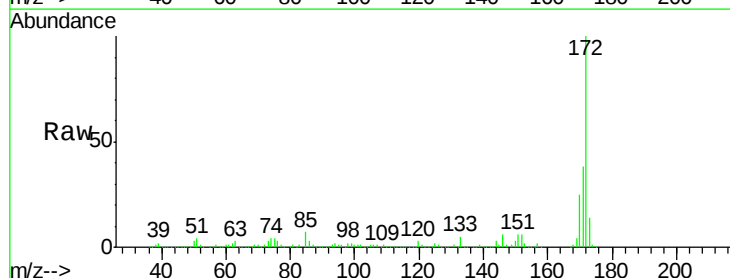


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

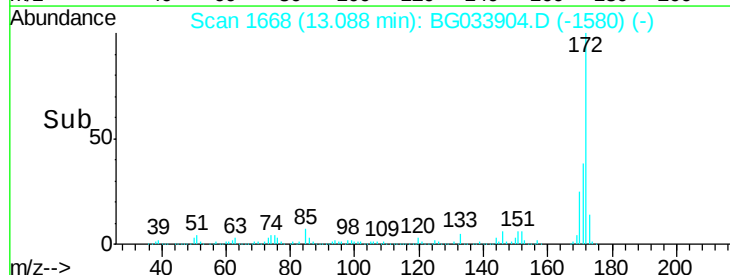
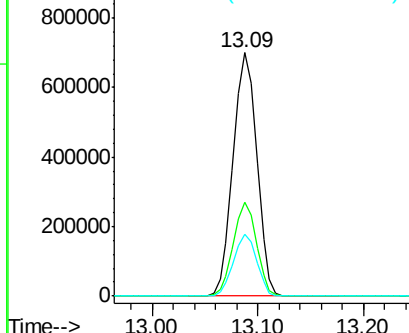


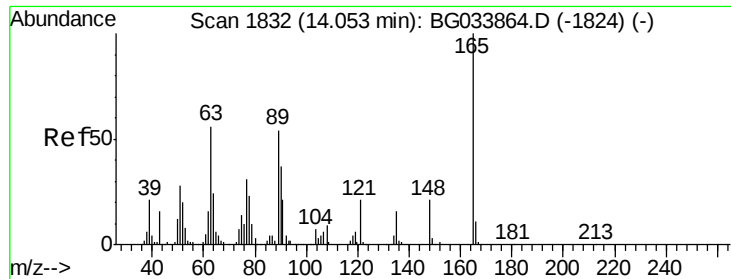
#44
 2-Fluorobiphenyl
 Concen: 103.287 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033904.D
 Acq: 21 Apr 2018 3:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.2	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

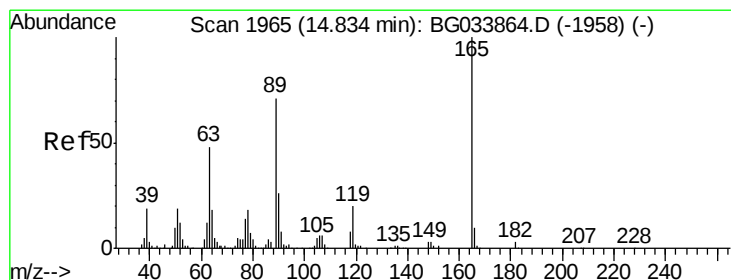
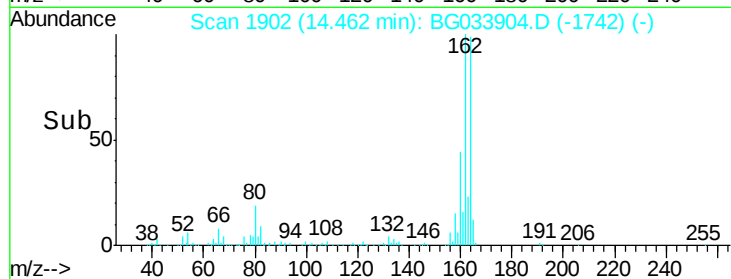
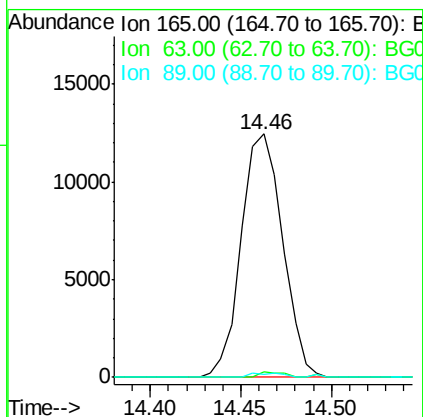
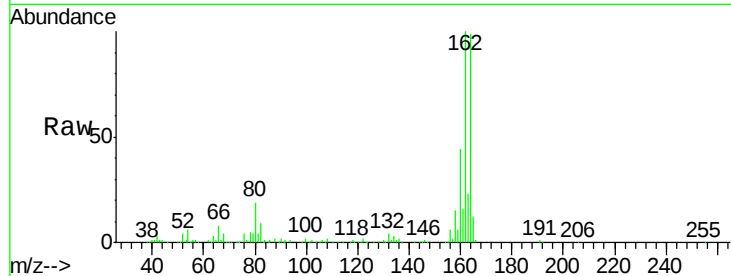




#50
 2,6-Dinitrotoluene
 Concen: 7.692 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. 0.41 min
 Lab File: BG033904.D
 Acq: 21 Apr 2018 3:50

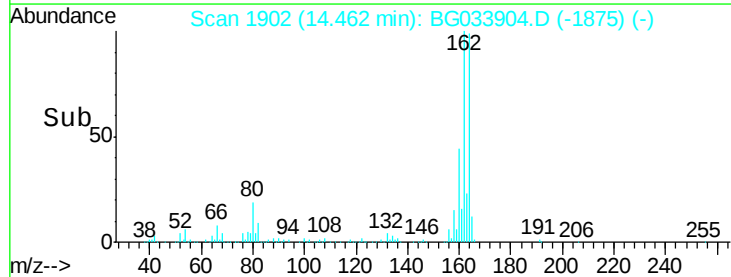
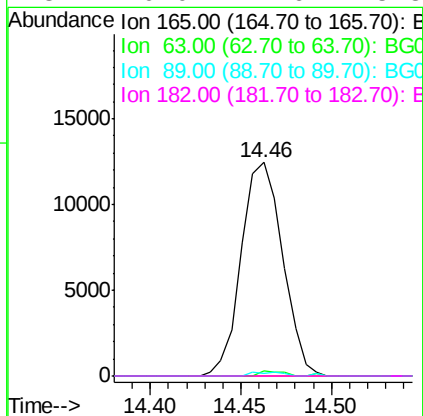
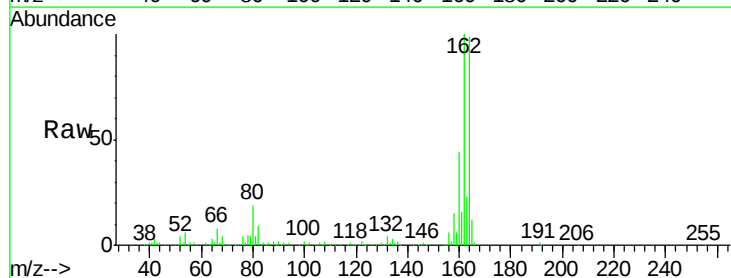
Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-D-S

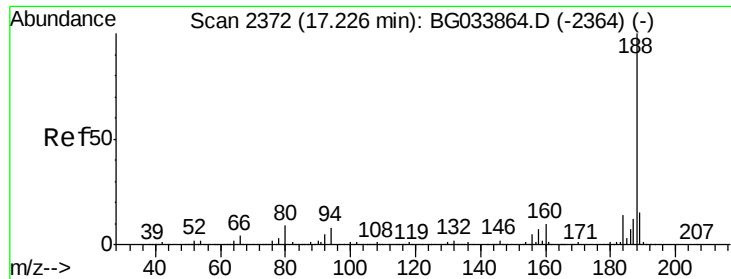
Tot Ion:165 Resp: 19793
 Ion Ratio Lower Upper
 165 100
 63 2.3 52.7 79.1#
 89 1.4 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.785 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.37 min
 Lab File: BG033904.D
 Acq: 21 Apr 2018 3:50

Tgt Ion:165 Resp: 19793
 Ion Ratio Lower Upper
 165 100
 63 2.3 42.0 63.0#
 89 1.4 66.9 100.3#
 182 0.0 2.6 3.8#

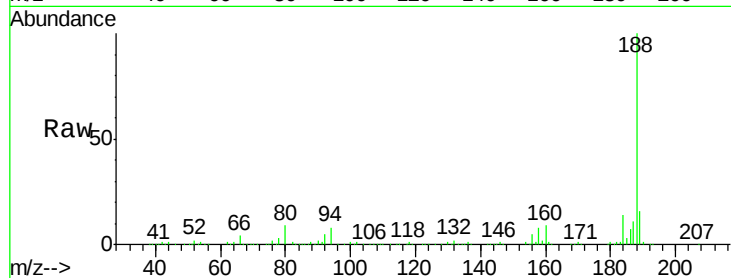




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

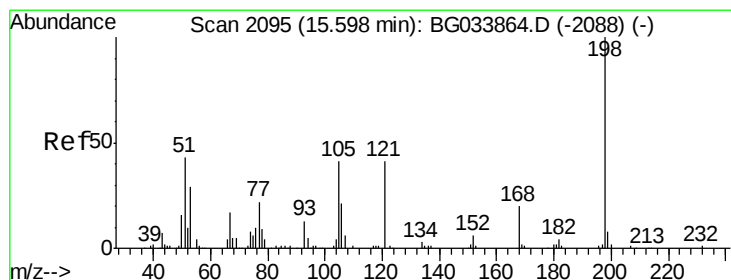
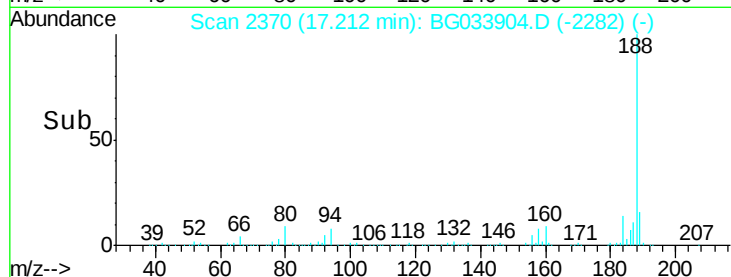
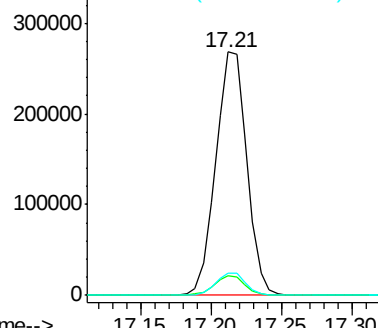
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.2	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

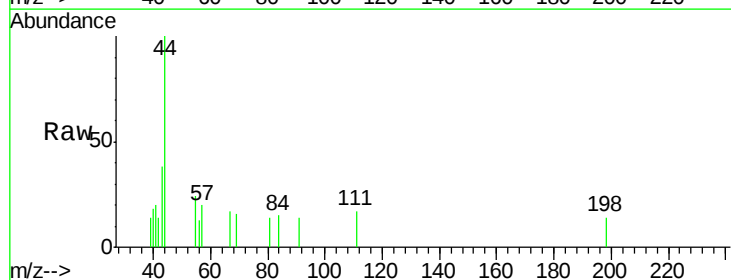
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64
4,6-Dinitro-2-methylphenol
Concen: 6.514 ng
RT: 15.88 min Scan# 2143
Delta R.T. 0.28 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

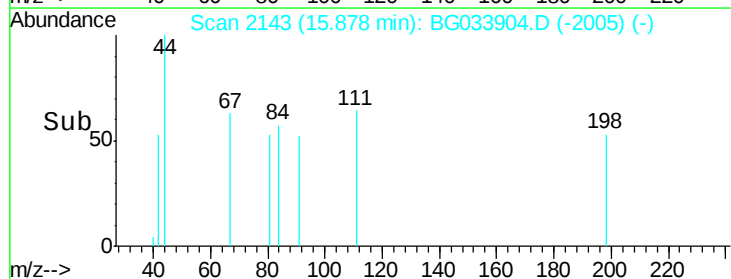
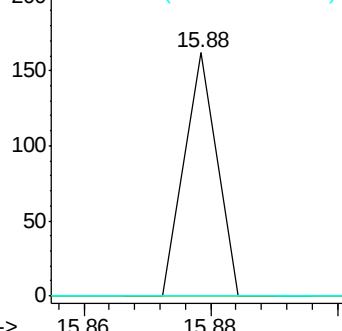
Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#

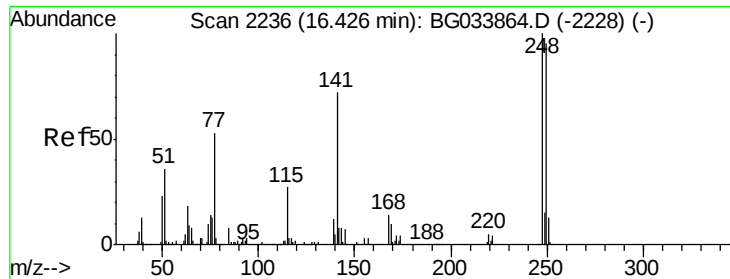


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

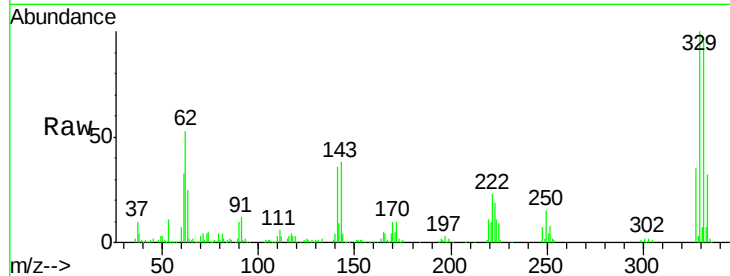




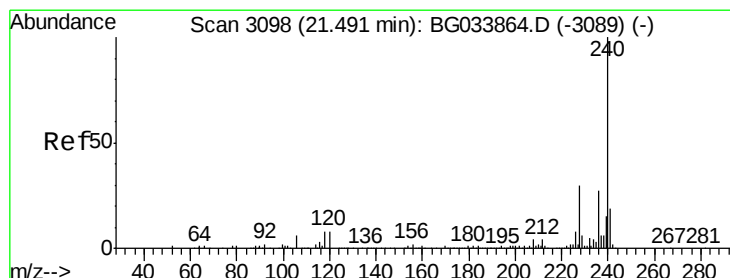
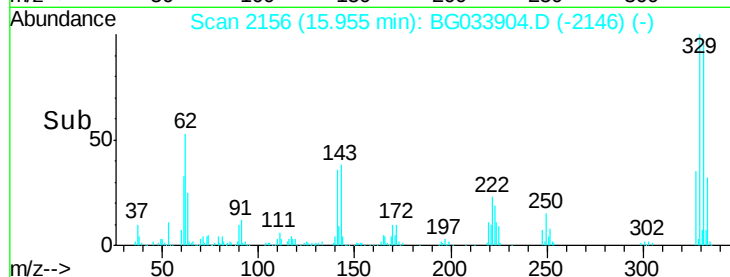
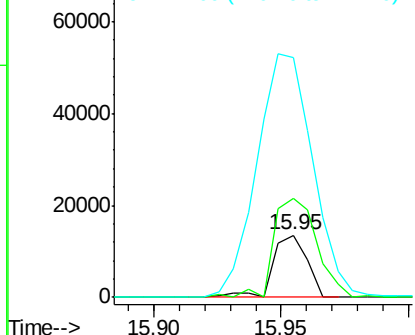
#66
 4-Bromophenyl-phenylether
 Concen: 2.759 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.47 min
 Lab File: BG033904.D
 Acq: 21 Apr 2018 3:50

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-D-S

Tot Ion:248 Resp: 12526
 Ion Ratio Lower Upper
 248 100
 250 203.0 77.1 115.7#
 141 387.4 50.8 76.2#

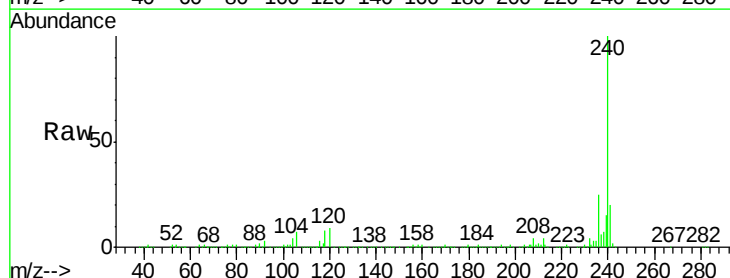


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

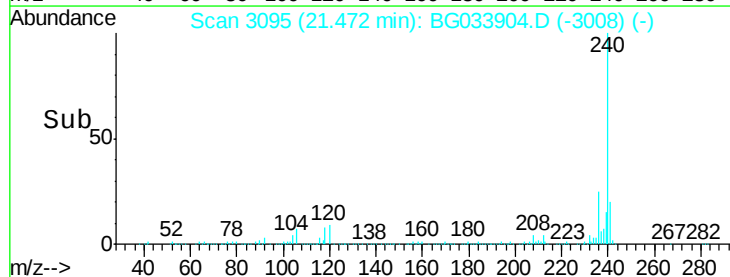
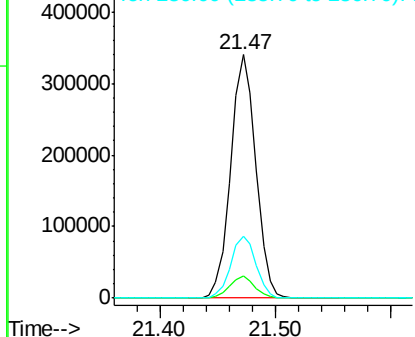


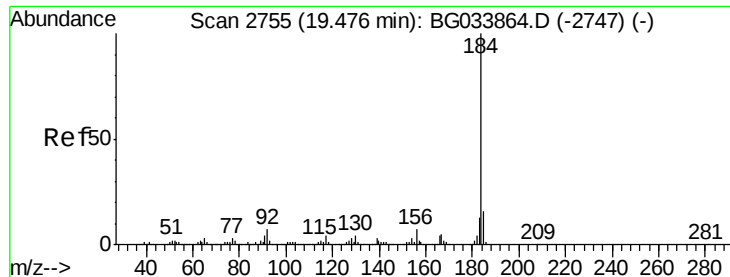
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.47 min Scan# 3095
 Delta R.T. -0.02 min
 Lab File: BG033904.D
 Acq: 21 Apr 2018 3:50

Tgt Ion:240 Resp: 511412
 Ion Ratio Lower Upper
 240 100
 120 8.9 6.8 10.2
 236 25.2 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





#76

Benzidine

Concen: 2.592 ng

RT: 19.86 min Scan# 2820

Delta R.T. 0.38 min

Lab File: BG033904.D

Acq: 21 Apr 2018 3:50

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-D-S

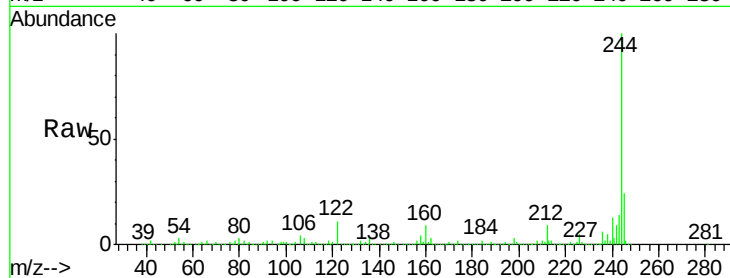
Tot Ion:184 Resp: 35797

Ion Ratio Lower Upper

184 100

185 18.8 11.1 16.7#

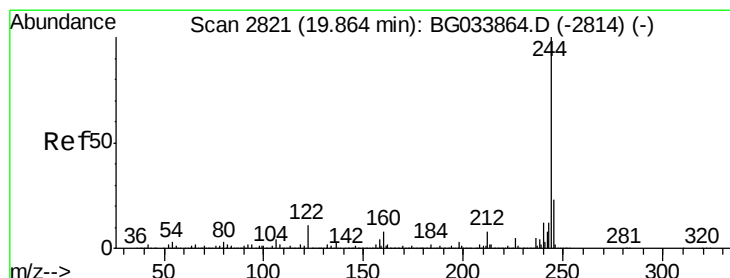
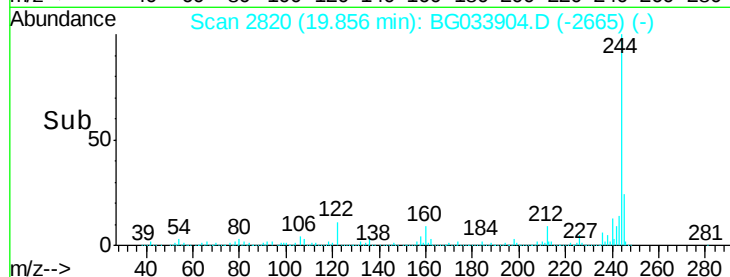
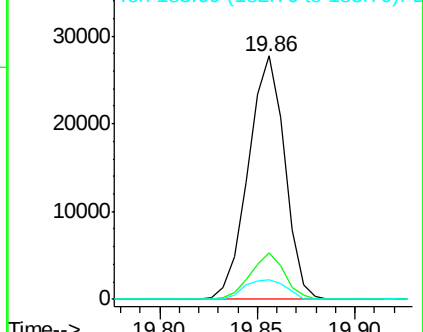
183 8.0 10.6 16.0#



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: 94.816 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033904.D

Acq: 21 Apr 2018 3:50

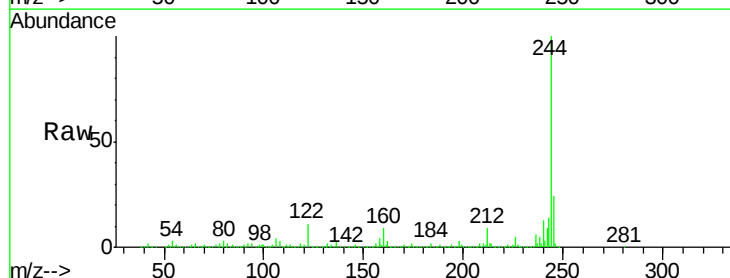
Tgt Ion:244 Resp: 2158365

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

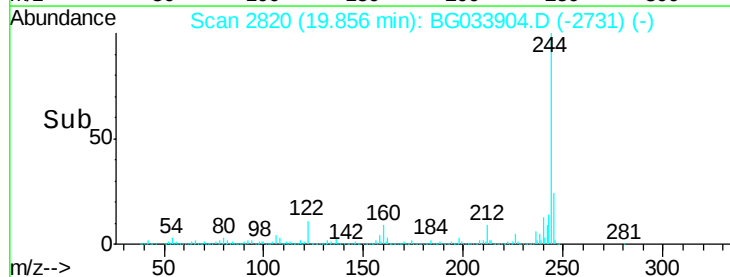
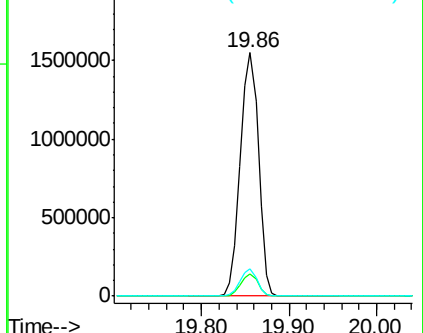
122 11.4 7.0 10.4#

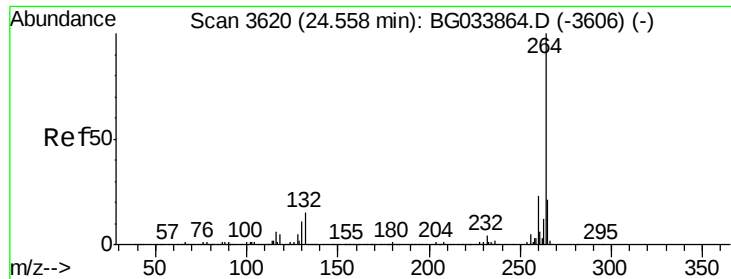


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.54 min Scan# 3617
Delta R.T. -0.02 min
Lab File: BG033904.D
Acq: 21 Apr 2018 3:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.7	17.7	26.5

