

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033906.D
 Acq On : 21 Apr 2018 5:05
 Operator : SJ/JU
 Sample : J2473-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-U-M

Quant Time: Apr 21 06:33:15 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

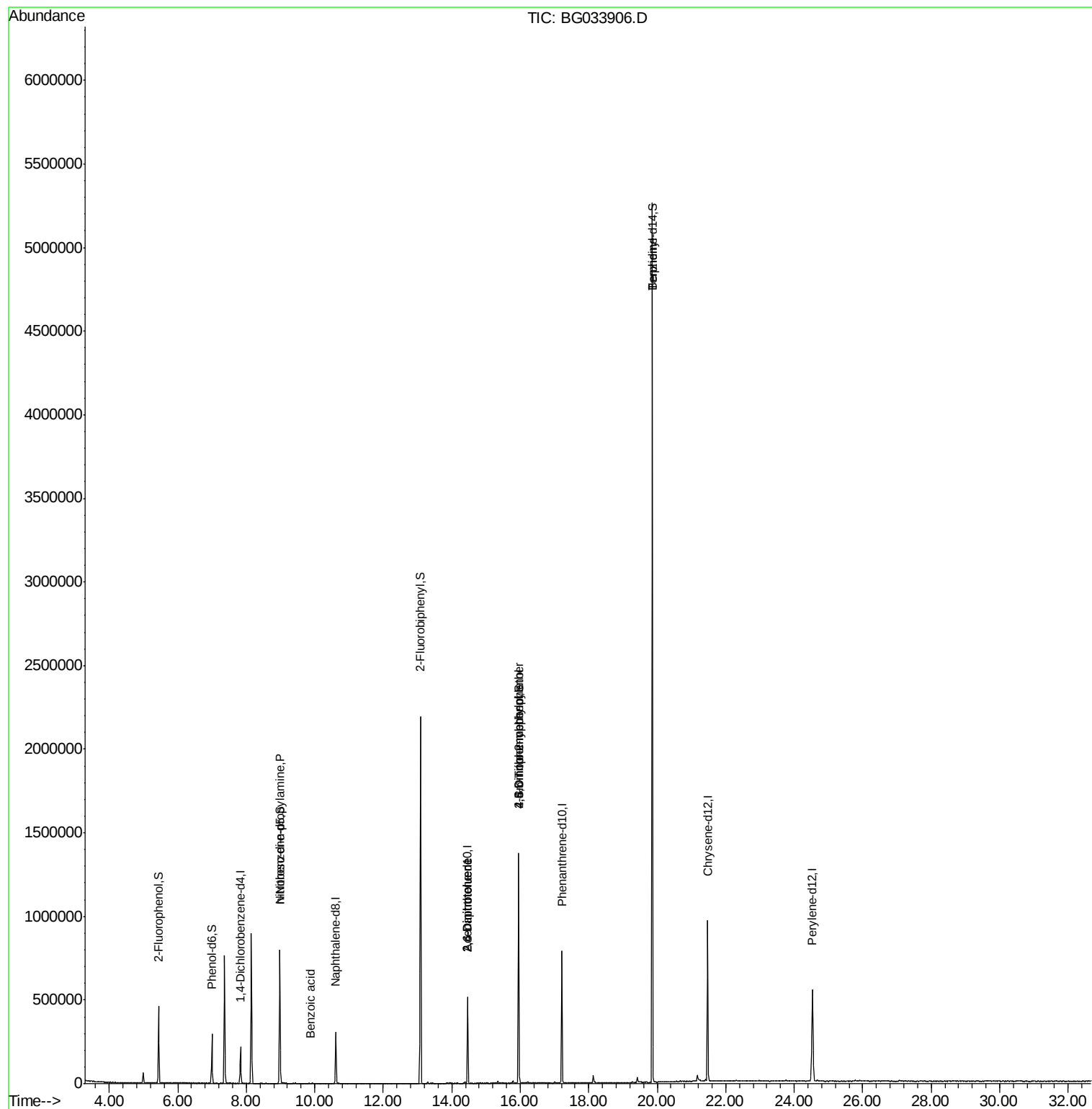
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	60120	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	256321	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	169890	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	472931	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	542999	20.00	ng	-0.02
86) Perylene-d12	24.53	264	550901	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	190116	50.49	ng	0.00
7) Phenol-d6	7.00	99	159268	29.00	ng	0.00
23) Nitrobenzene-d5	8.98	82	472164	104.83	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	242523	122.36	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1128772	97.60	ng	-0.01
78) Terphenyl-d14	19.86	244	2316978	95.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.99	77	278	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	65129	13.911 ng	#	79
32) Benzoic acid	9.88	122	57	5.098 ng	#	1
50) 2,6-Dinitrotoluene	14.46	165	22286	7.869 ng	#	21
56) 2,4-Dinitrotoluene	14.46	165	22286	5.918 ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.95	198	698	6.754 ng	#	70
66) 4-Bromophenyl-phenylether	15.96	248	14440	2.780 ng	#	1
76) Benzydine	19.86	184	40977	2.795 ng	#	94

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

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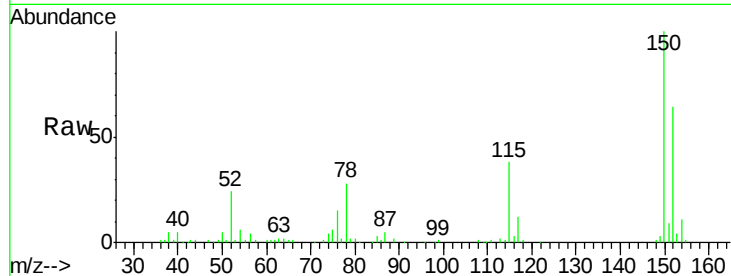


#1

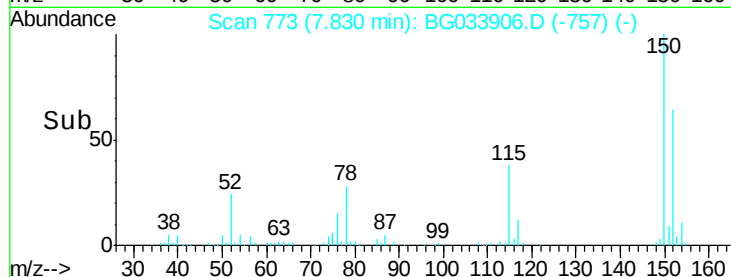
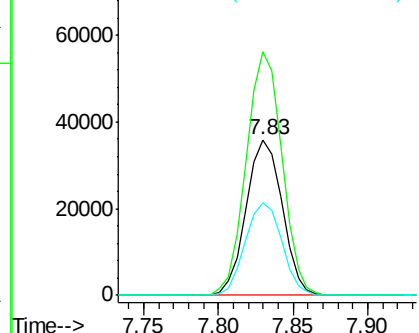
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033906.D
Acq: 21 Apr 2018 5:05

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	59.8	53.0	79.4



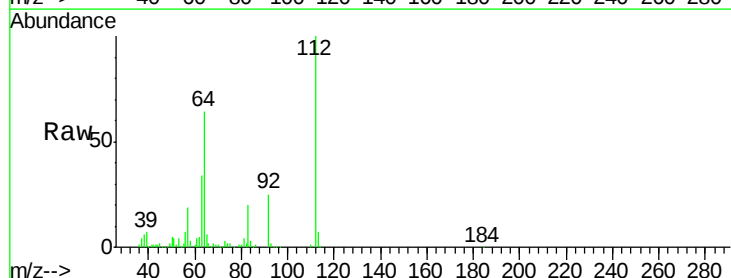
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



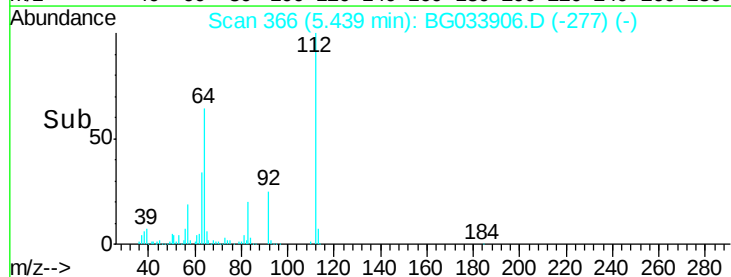
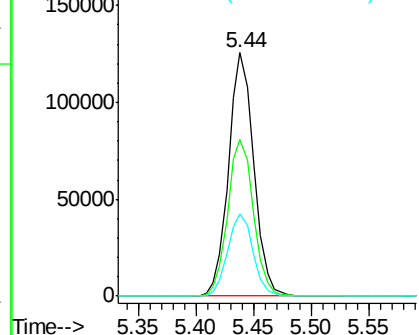
#5

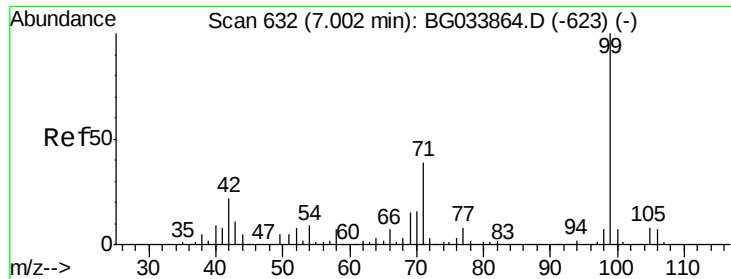
2-Fluorophenol
Concen: 50.487 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033906.D
Acq: 21 Apr 2018 5:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	56.3	84.5
63	33.6	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: 28.998 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033906.D

Acq: 21 Apr 2018 5:05

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-U-M

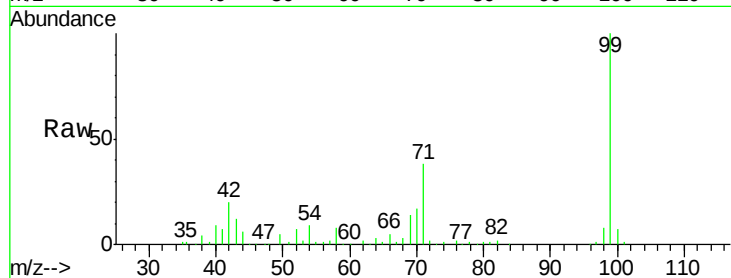
Tot Ion: 99 Resp: 159268

Ion Ratio Lower Upper

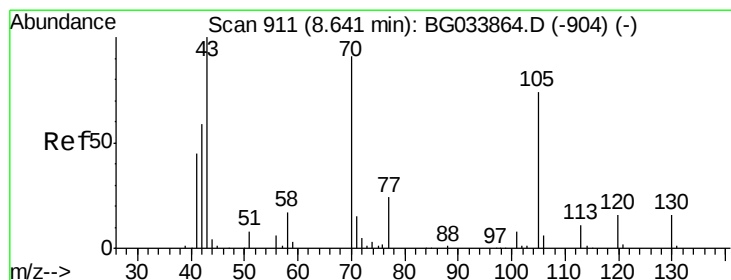
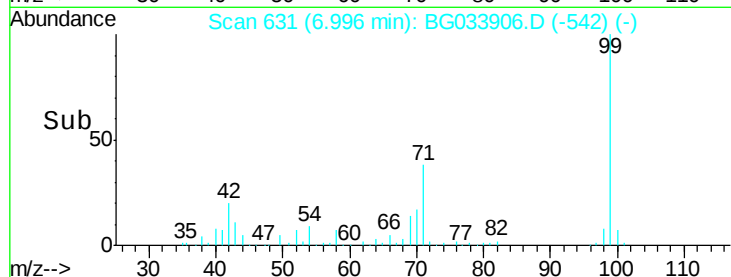
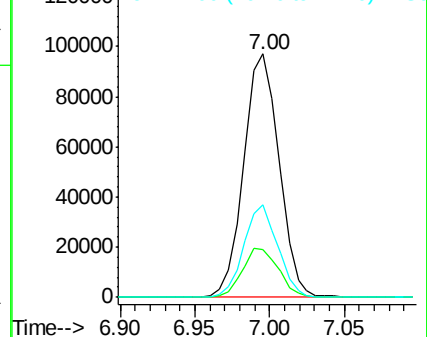
99 100

42 19.8 14.1 21.1

71 37.8 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: 13.911 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.34 min

Lab File: BG033906.D

Acq: 21 Apr 2018 5:05

Tgt Ion: 70 Resp: 65129

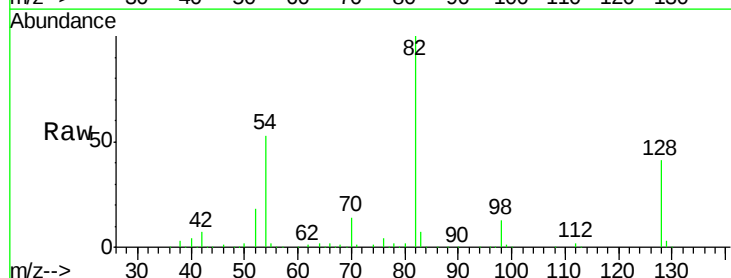
Ion Ratio Lower Upper

70 100

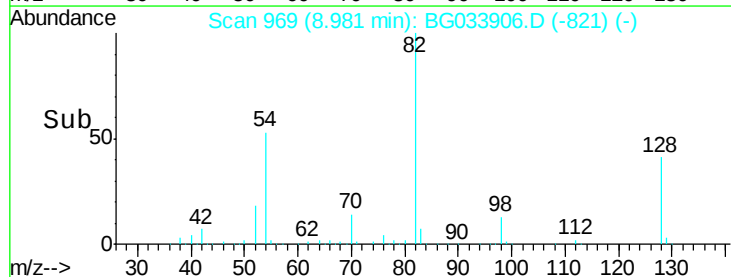
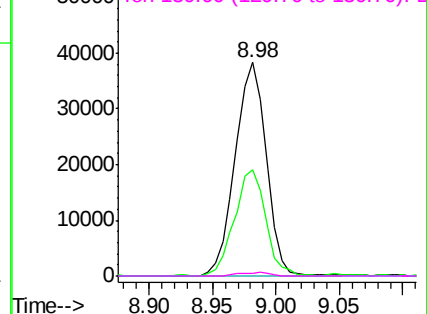
42 49.8 49.1 73.7

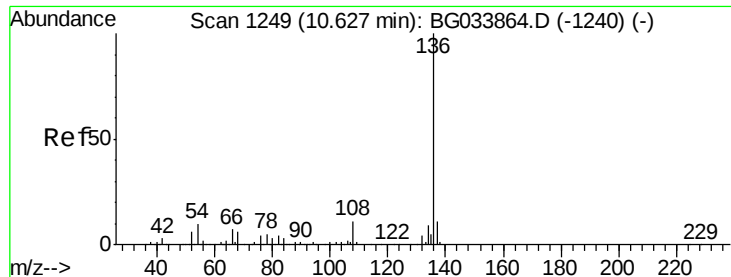
101 0.0 8.5 12.7#

130 1.2 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

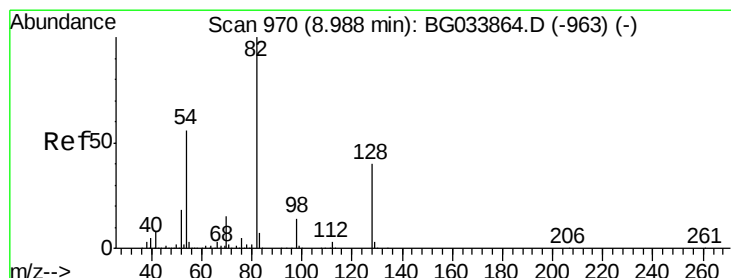
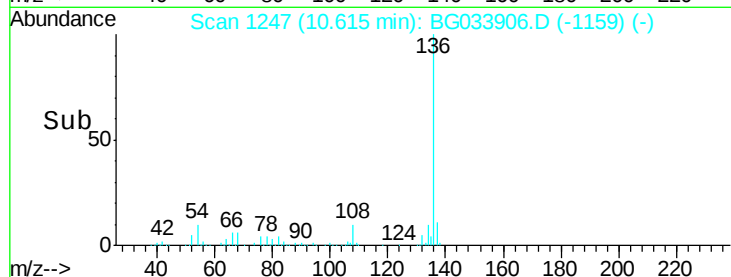
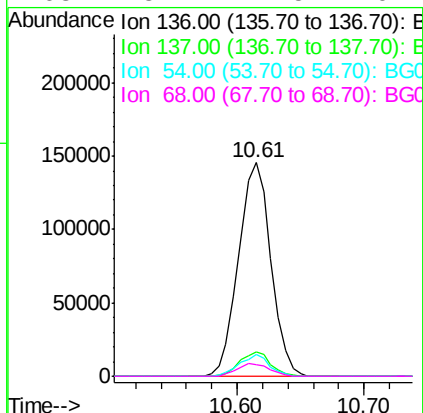
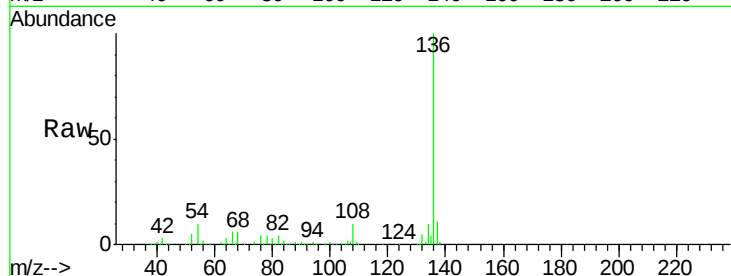




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033906.D
Acq: 21 Apr 2018 5:05

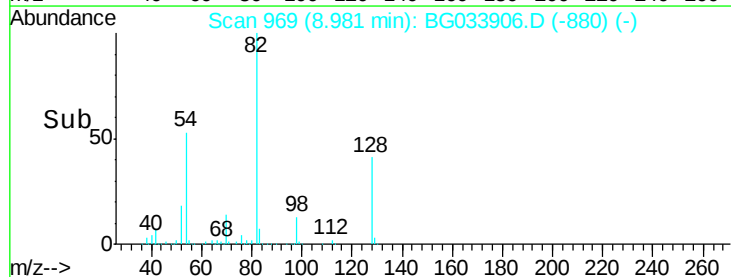
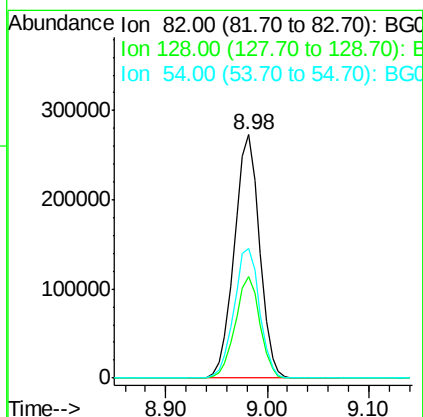
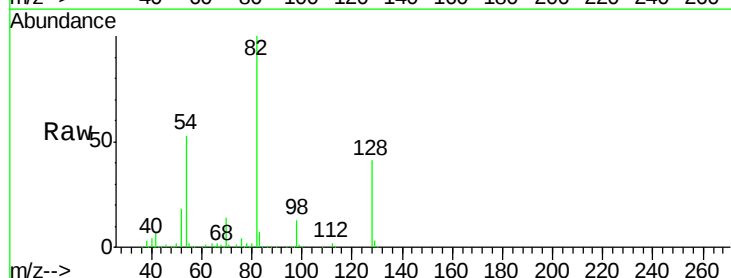
Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-U-M

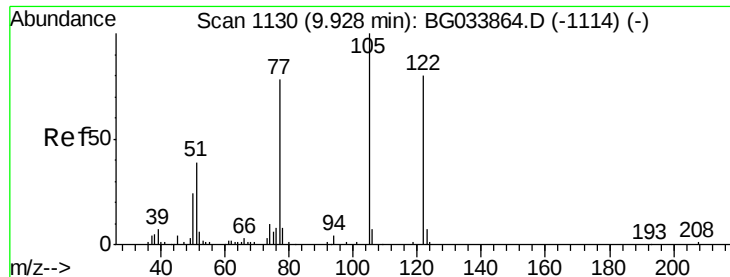
Tot Ion:136	Resp:	256321
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	10.4	10.3 15.5
68	5.7	4.5 6.7



#23
Nitrobenzene-d5
Concen: 104.832 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033906.D
Acq: 21 Apr 2018 5:05

Tgt Ion: 82	Resp:	472164
Ion	Ratio	Lower Upper
82	100	
128	41.5	29.7 44.5
54	53.2	43.1 64.7

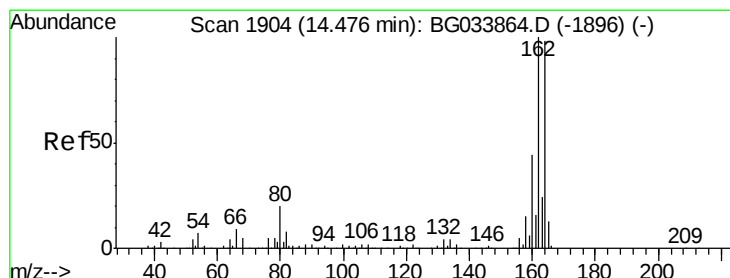
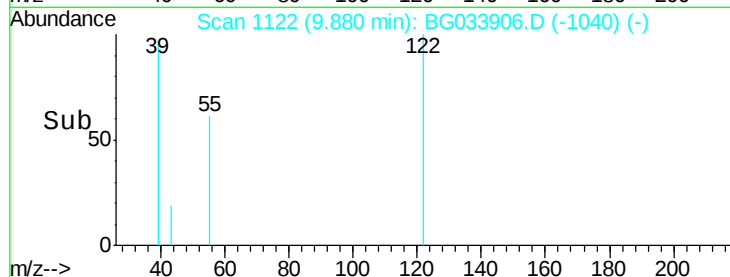
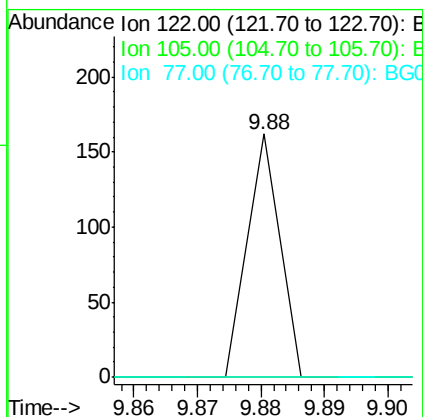
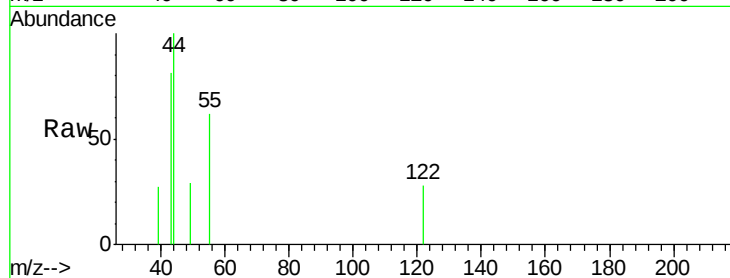




#32
Benzoic acid
Concen: 5.098 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.05 min
Lab File: BG033906.D
Acq: 21 Apr 2018 5:05

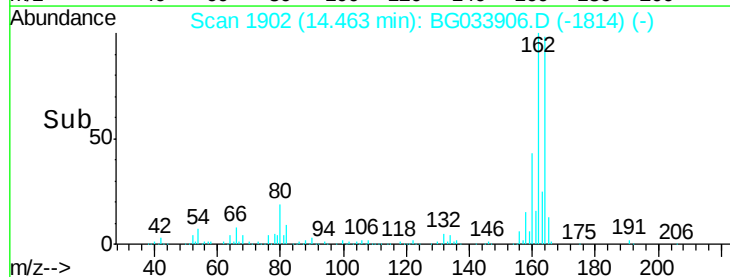
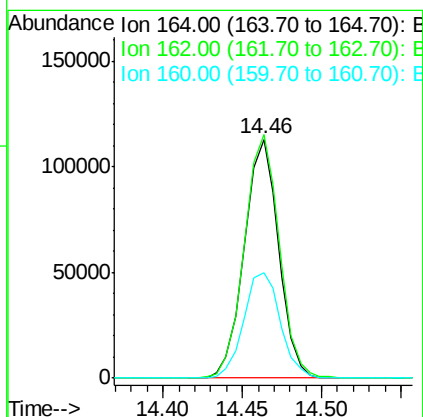
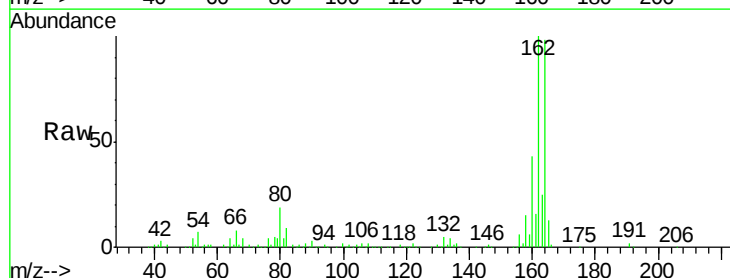
Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-U-M

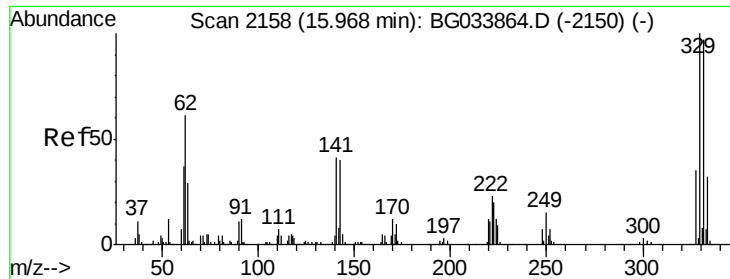
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033906.D
Acq: 21 Apr 2018 5:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	44.3	35.4	53.0

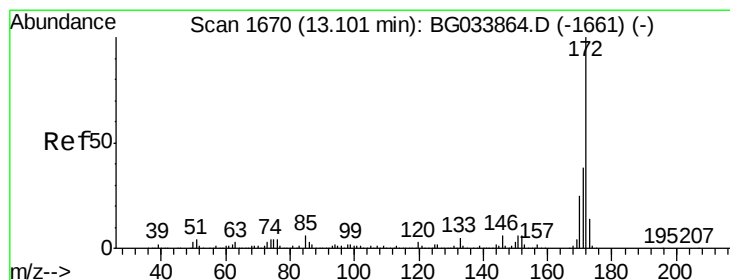
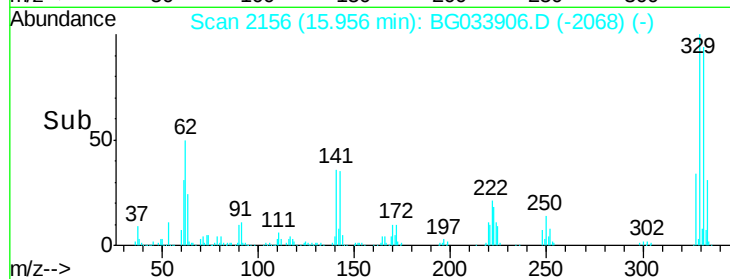
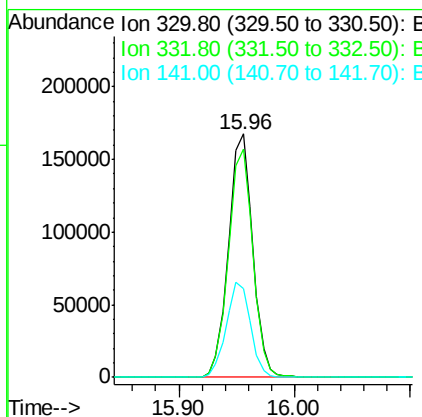
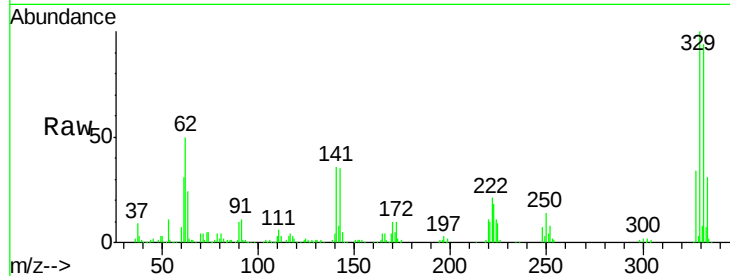




#41
 2,4,6-Tribromophenol
 Concen: 122.360 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033906.D
 Acq: 21 Apr 2018 5:05

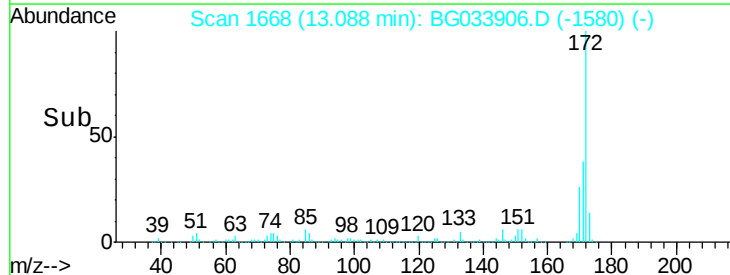
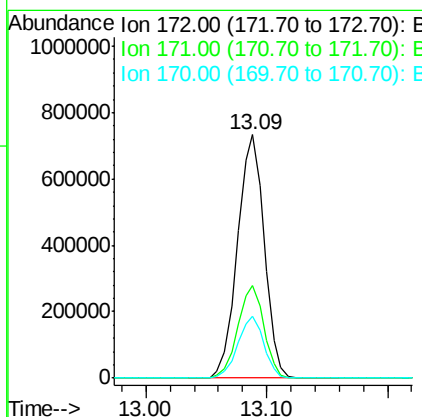
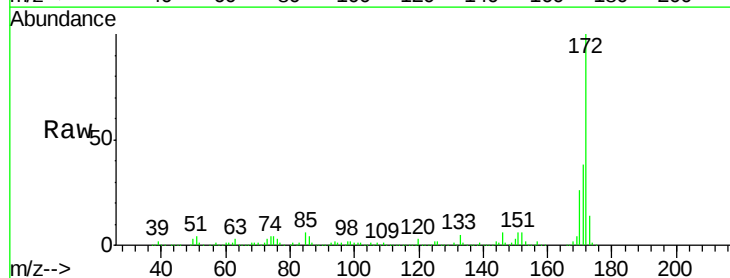
Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-U-M

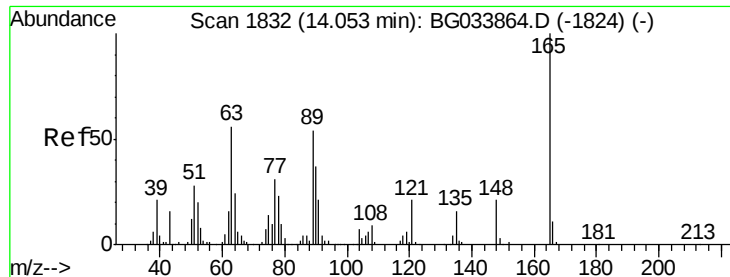
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	39.1	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 97.604 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033906.D
 Acq: 21 Apr 2018 5:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.6	19.5	29.3

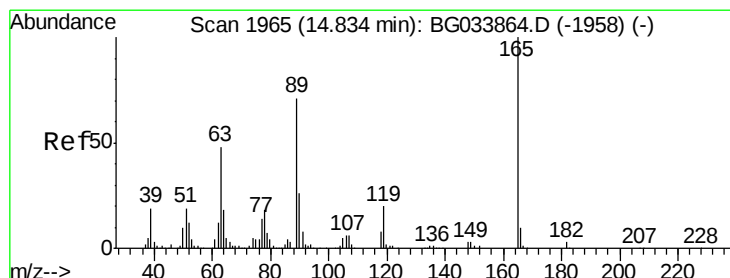
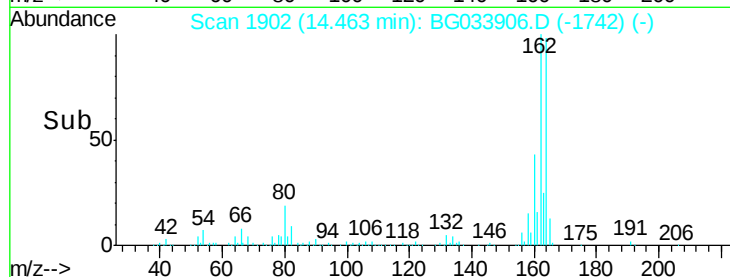
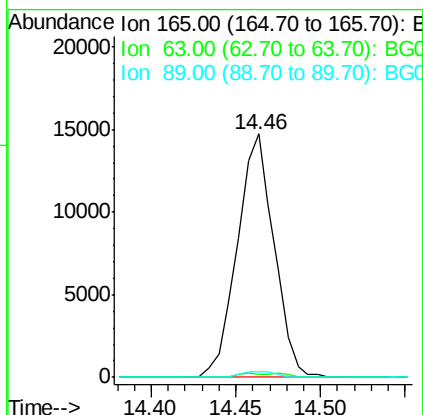
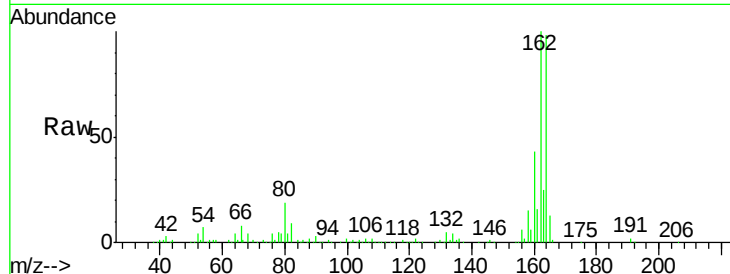




#50
 2,6-Dinitrotoluene
 Concen: 7.869 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. 0.41 min
 Lab File: BG033906.D
 Acq: 21 Apr 2018 5:05

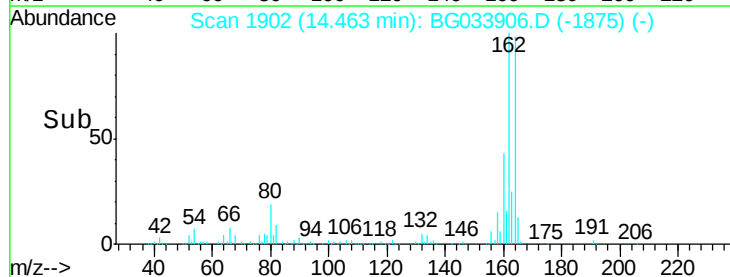
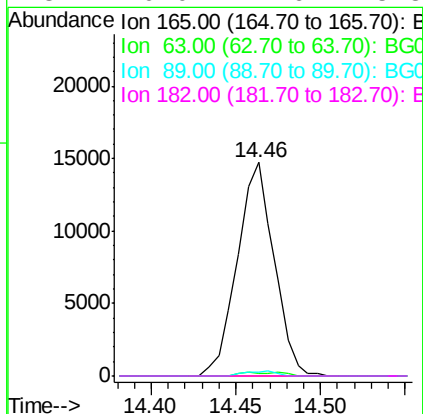
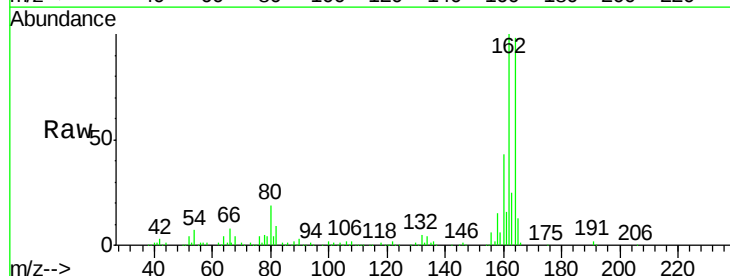
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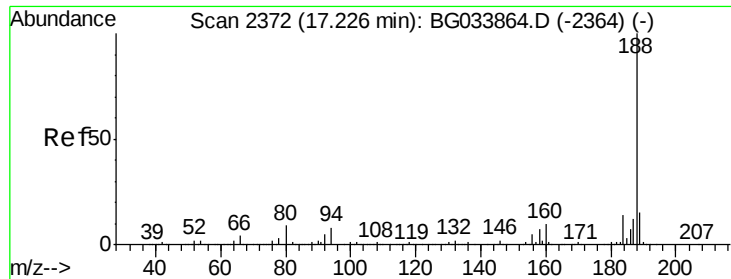
Tot Ion:165 Resp: 22286
 Ion Ratio Lower Upper
 165 100
 63 1.5 52.7 79.1#
 89 2.1 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.918 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.37 min
 Lab File: BG033906.D
 Acq: 21 Apr 2018 5:05

Tgt Ion:165 Resp: 22286
 Ion Ratio Lower Upper
 165 100
 63 1.5 42.0 63.0#
 89 2.1 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: BG033906.D

Acq: 21 Apr 2018 5:05

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-U-M

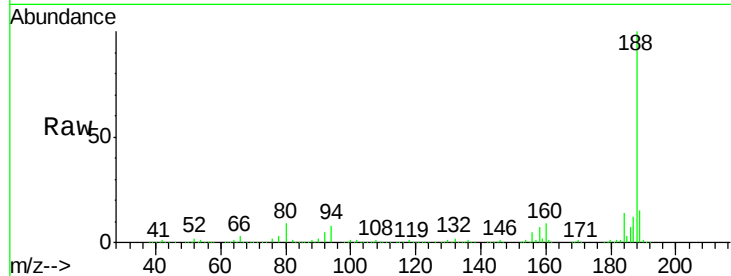
Tot Ion:188 Resp: 472931

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

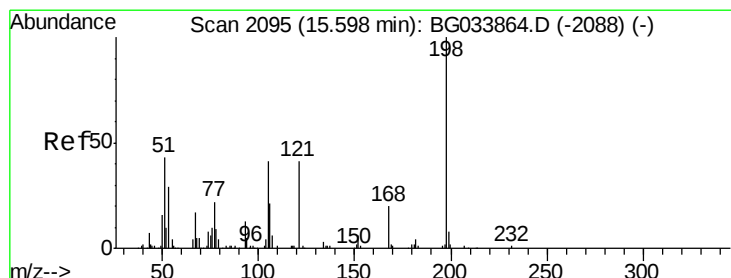
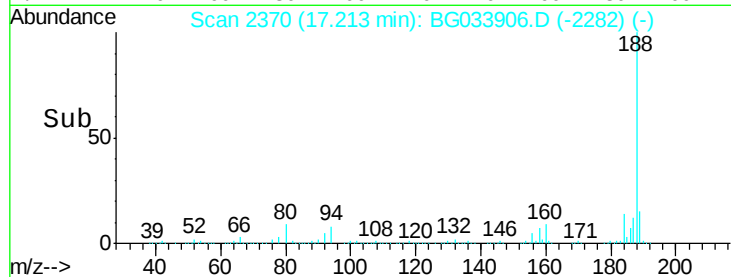
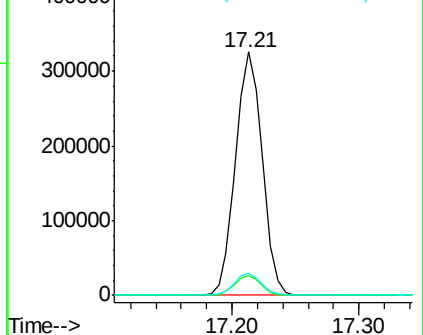
80 9.1 7.7 11.5



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: 6.754 ng

RT: 15.95 min Scan# 2155

Delta R.T. 0.35 min

Lab File: BG033906.D

Acq: 21 Apr 2018 5:05

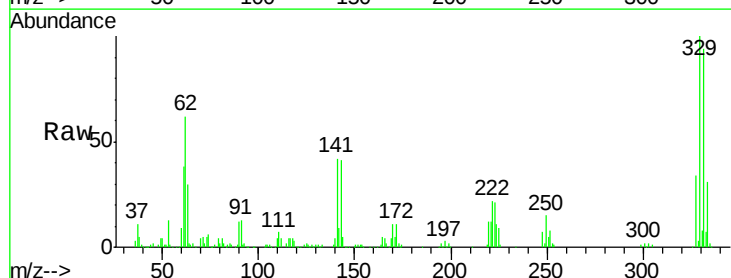
Tgt Ion:198 Resp: 698

Ion Ratio Lower Upper

198 100

51 26.7 30.6 70.6#

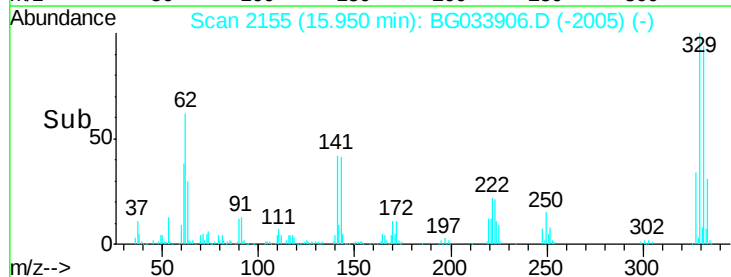
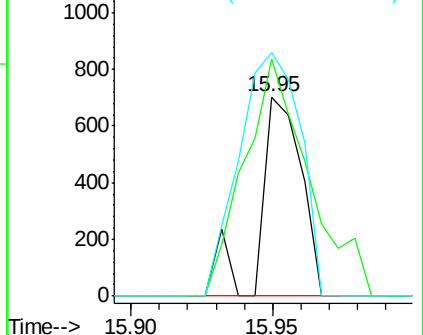
105 27.4 23.8 63.8

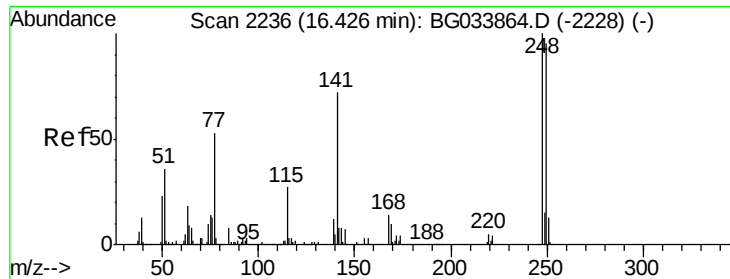


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

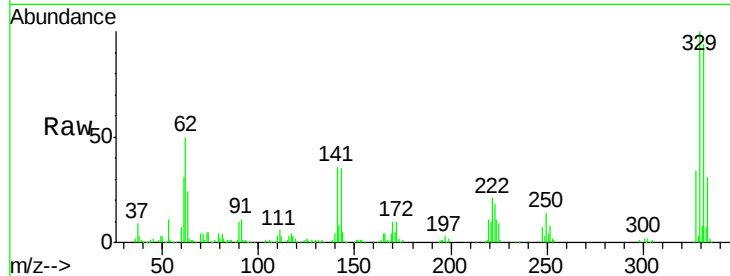




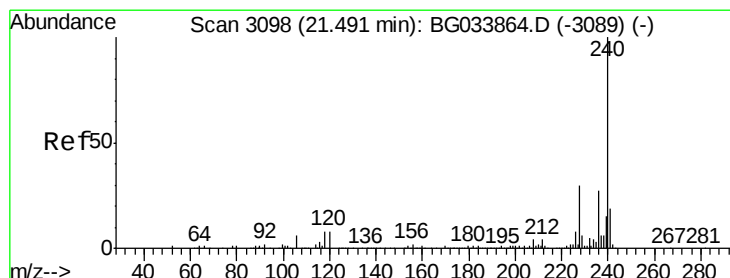
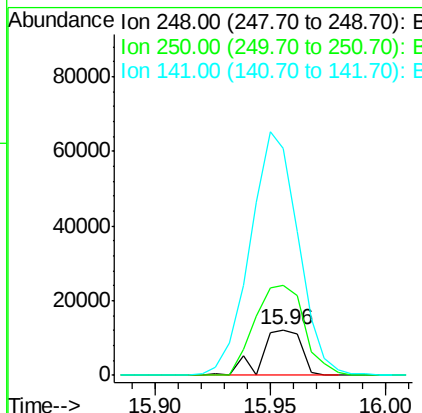
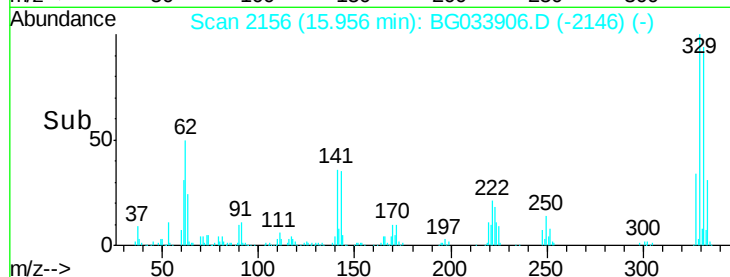
#66
4-Bromophenyl-phenylether
Concen: 2.780 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.47 min
Lab File: BG033906.D
Acq: 21 Apr 2018 5:05

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-U-M

Tot Ion:248 Resp: 14440
Ion Ratio Lower Upper
248 100
250 185.1 77.1 115.7#
141 369.6 50.8 76.2#

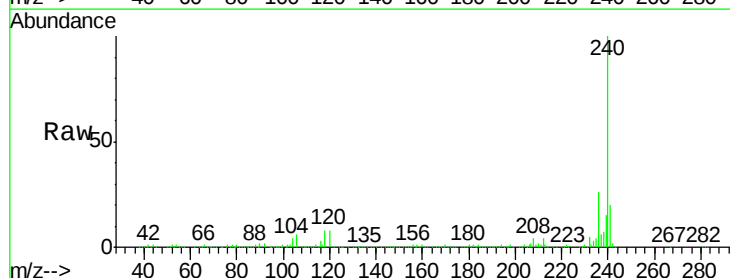


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

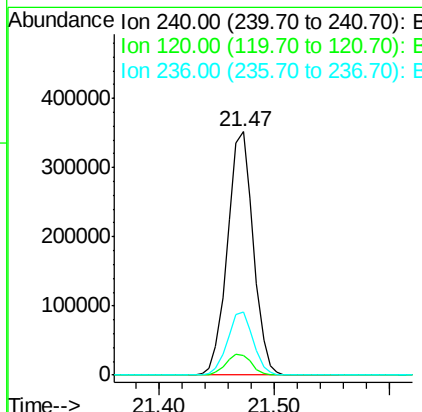
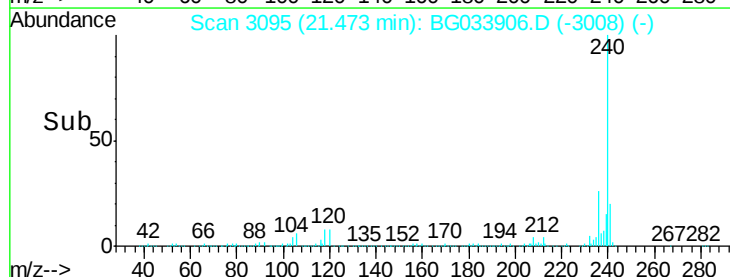


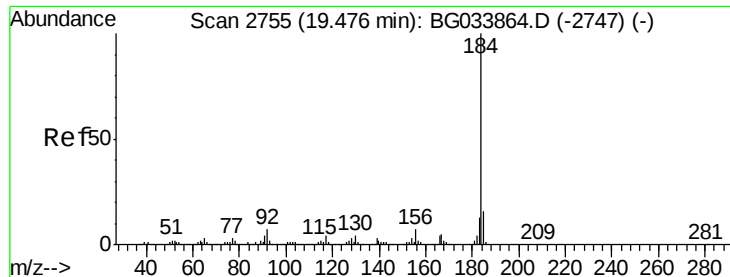
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033906.D
Acq: 21 Apr 2018 5:05

Tgt Ion:240 Resp: 542999
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 25.7 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: 2.795 ng

RT: 19.86 min Scan# 2820

Delta R.T. 0.38 min

Lab File: BG033906.D

Acq: 21 Apr 2018 5:05

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-U-M

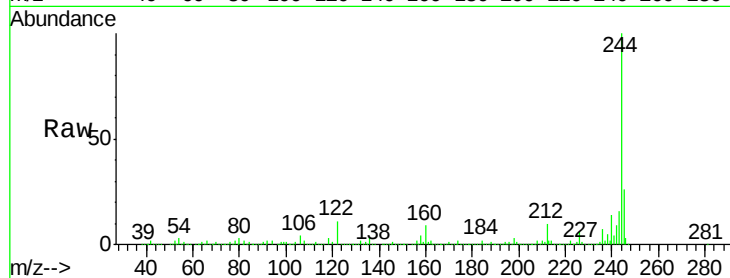
Tot Ion:184 Resp: 40977

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

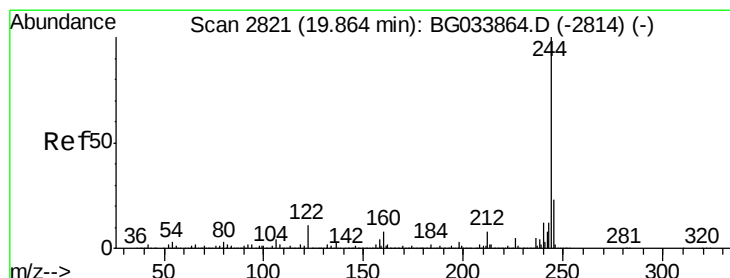
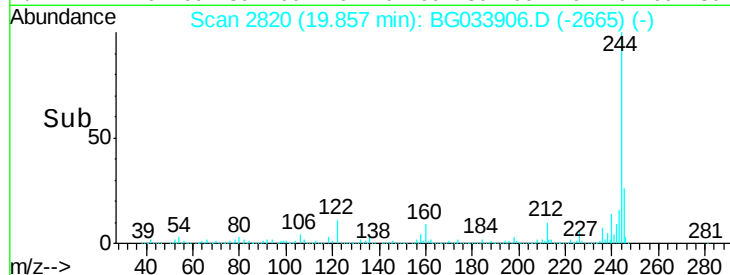
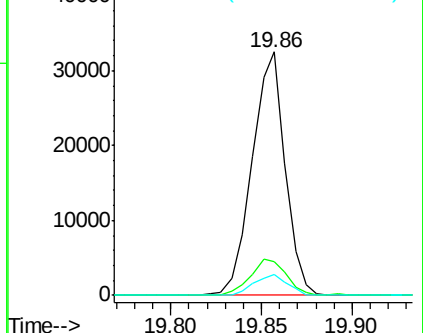
183 8.5 10.6 16.0#



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: 95.863 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033906.D

Acq: 21 Apr 2018 5:05

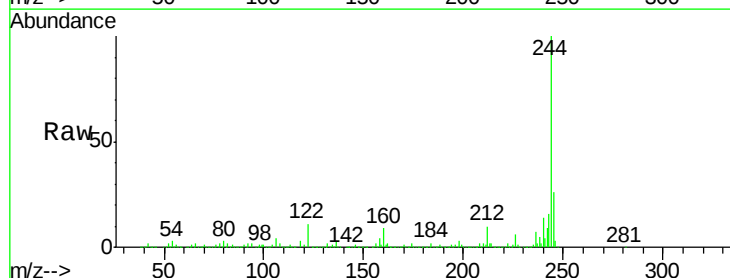
Tgt Ion:244 Resp: 2316978

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

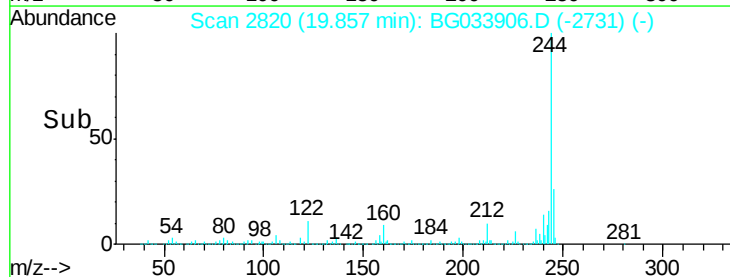
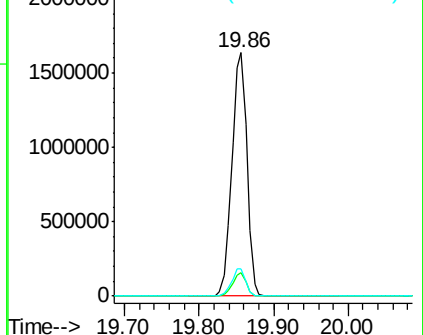
122 11.4 7.0 10.4#

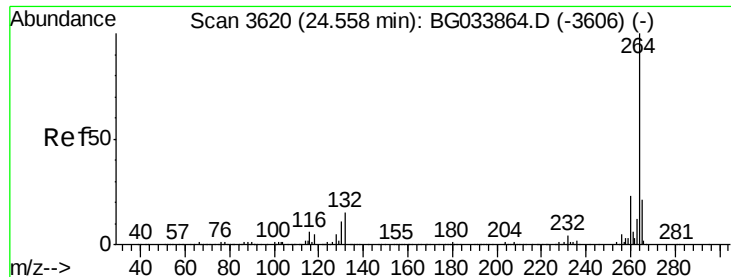


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

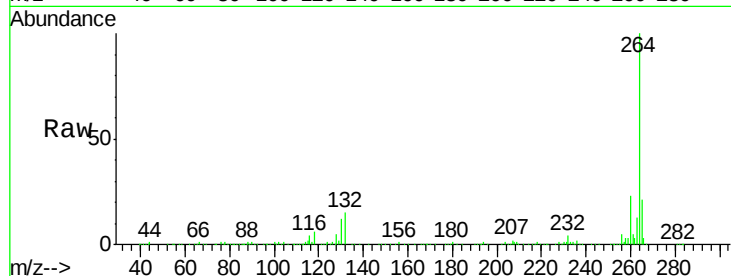




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.53 min Scan# 3616
Delta R.T. -0.02 min
Lab File: BG033906.D
Acq: 21 Apr 2018 5:05

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.3	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

