

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108613.D
 Acq On : 29 Aug 2018 19:10
 Operator : JU/SJ
 Sample : J4683-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082718-SIDI-F-D-S

Quant Time: Aug 30 01:10:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

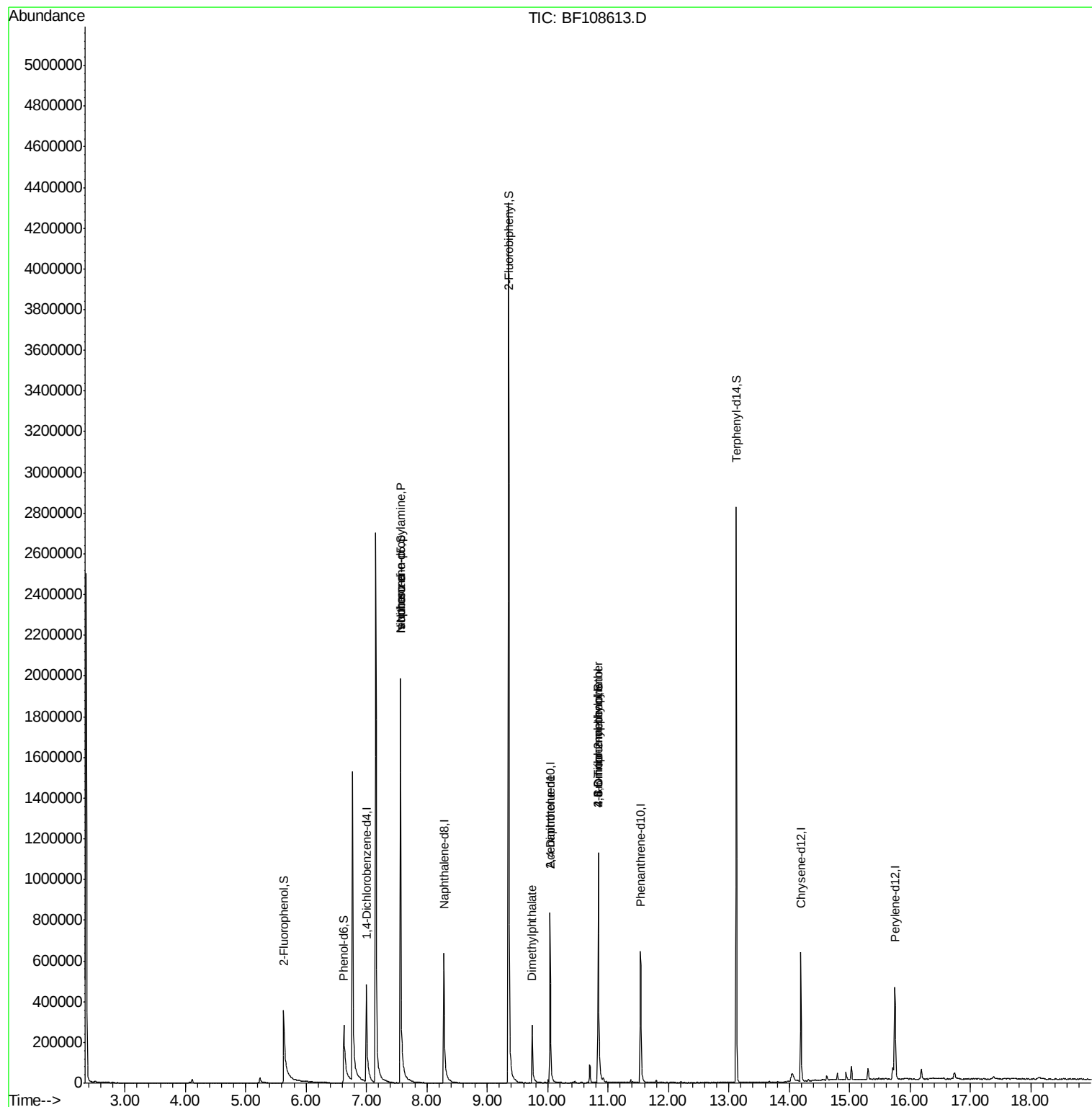
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	117909	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	441523	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	197319	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	312729	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	254551	20.00	ng	-0.01
86) Perylene-d12	15.75	264	251868	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	255188	39.18	ng	0.00
7) Phenol-d6	6.62	99	233944	27.03	ng	0.00
23) Nitrobenzene-d5	7.57	82	852091	107.69	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	183041	93.00	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1508275	122.72	ng	-0.01
78) Terphenyl-d14	13.12	244	1029681	102.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	112839	19.281	ng	# 81
25) Isophorone	7.57	82	852088	56.499	ng	# 64
49) Dimethylphthalate	9.74	163	161303	11.735	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	24743	6.684	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	148	5.471	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11252	3.311	ng	# 1

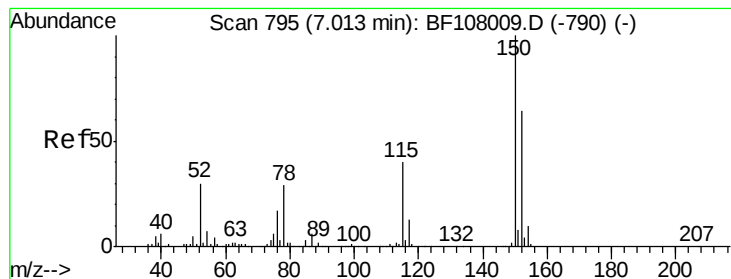
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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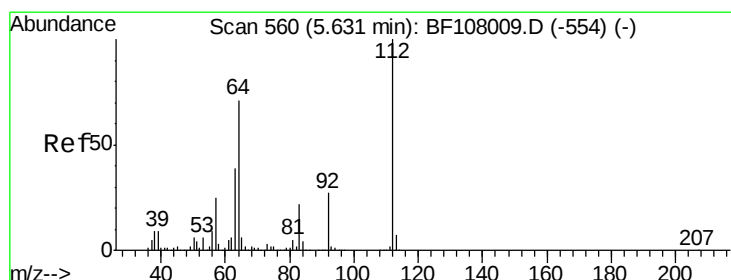
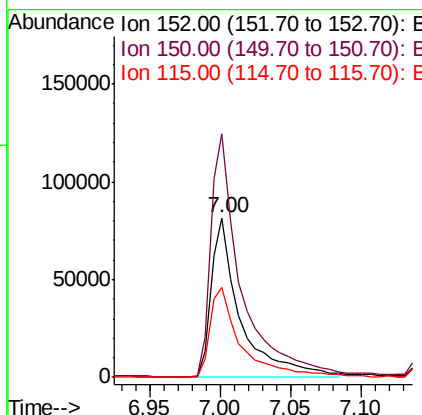
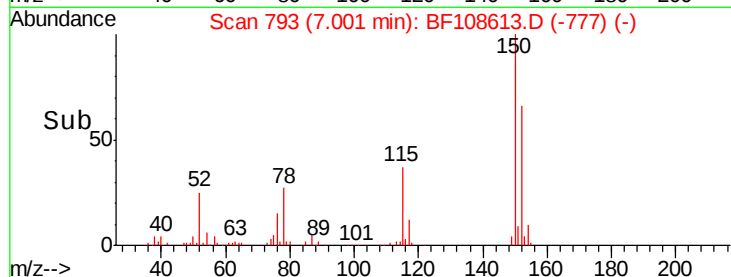
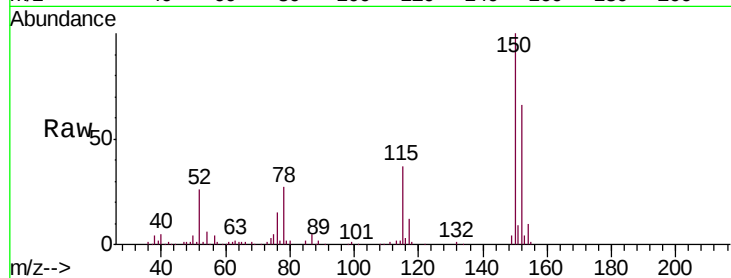


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-S

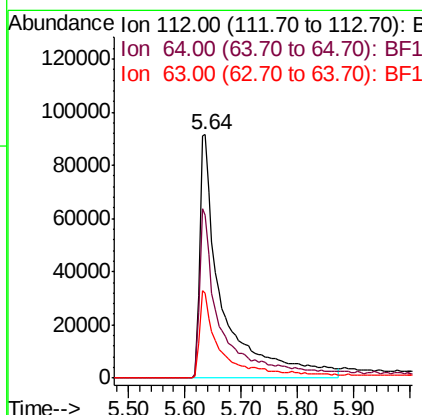
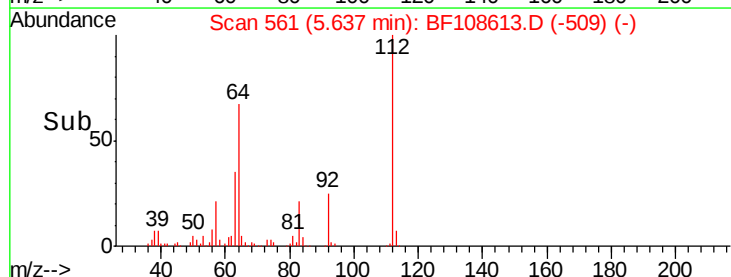
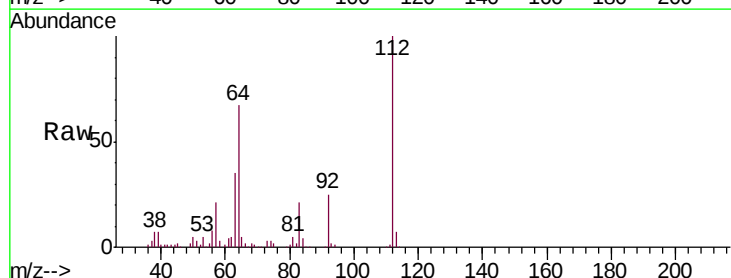
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	56.0	50.1	75.1

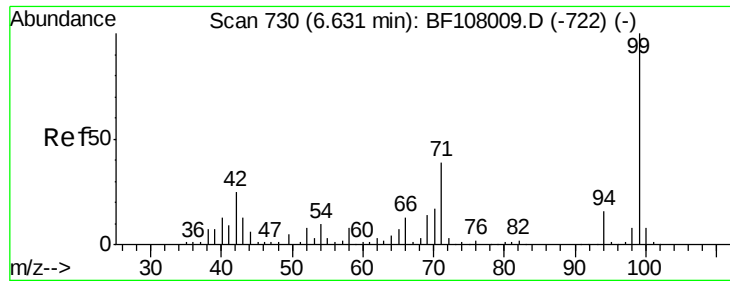


#5

2-Fluorophenol
Concen: 39.183 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	35.0	23.7	35.5





#7

Phenol-d6

Concen: 27.032 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108613.D

Acq: 29 Aug 2018 19:10

Instrument :

BNA_F

ClientSampleId :

082718-SIDI-F-D-S

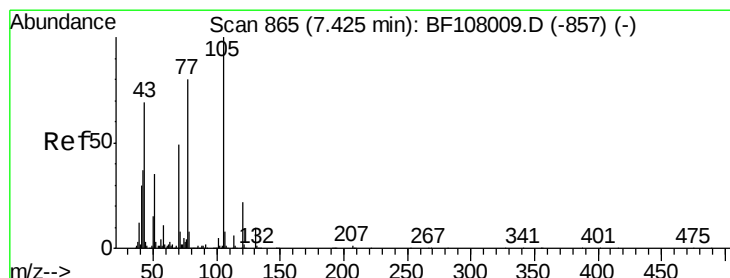
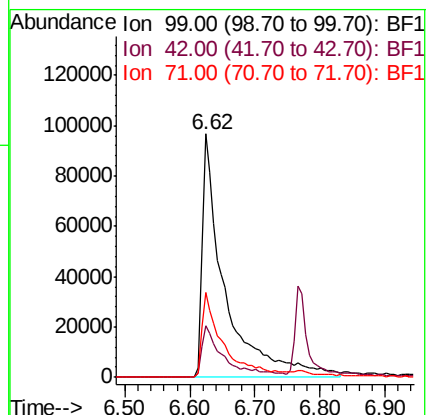
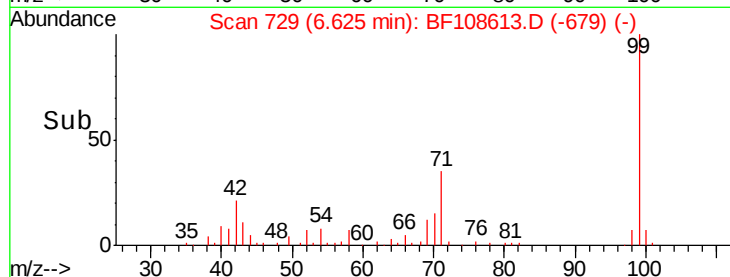
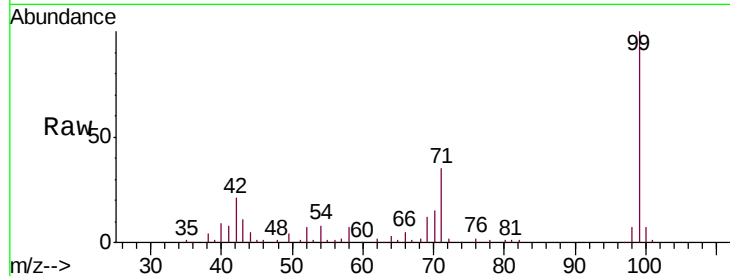
Tgt Ion: 99 Resp: 233944

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 34.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.281 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108613.D

Acq: 29 Aug 2018 19:10

Tgt Ion: 70 Resp: 112839

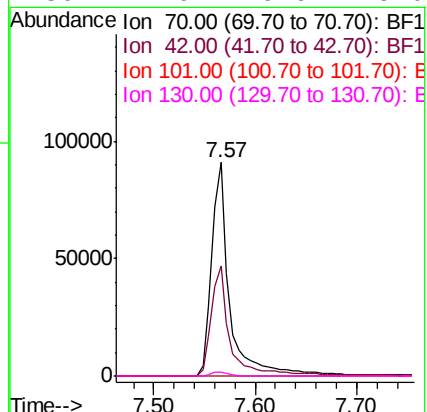
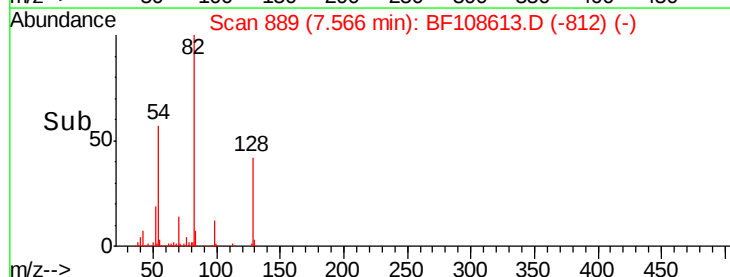
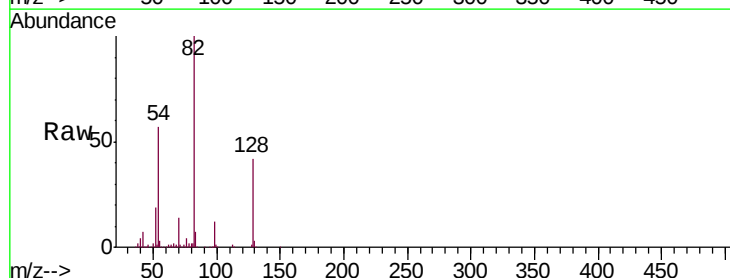
Ion Ratio Lower Upper

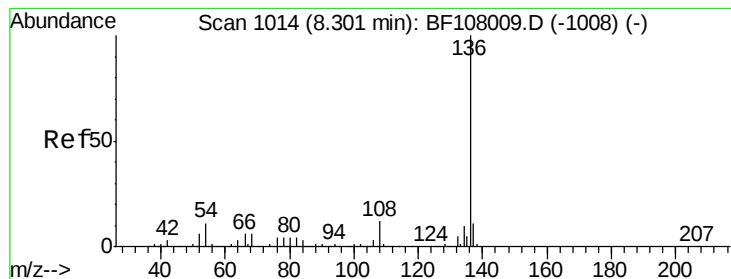
70 100

42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108613.D

Acq: 29 Aug 2018 19:10

Instrument :

BNA_F

ClientSampleId :

082718-SIDI-F-D-S

Tgt Ion: 136 Resp: 441523

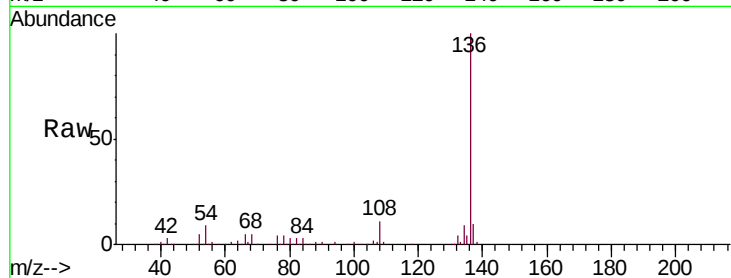
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 8.8 6.6 9.8

68 5.2 5.0 7.4

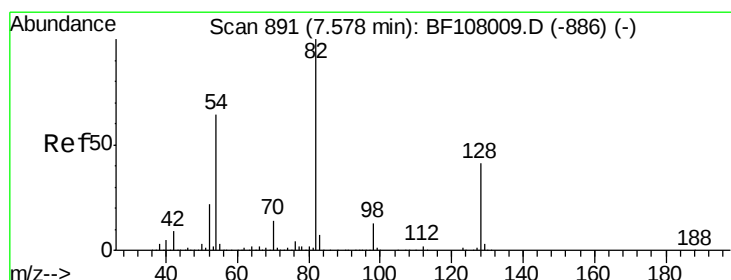
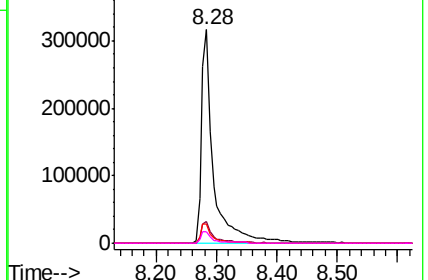
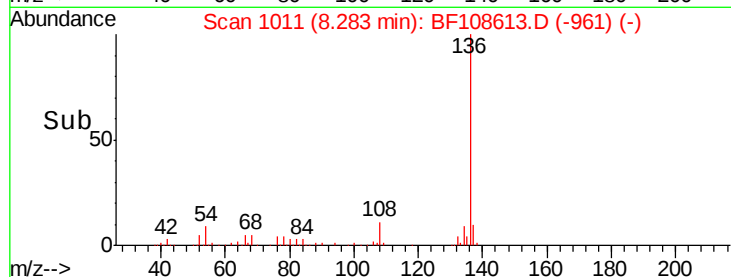


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 107.691 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108613.D

Acq: 29 Aug 2018 19:10

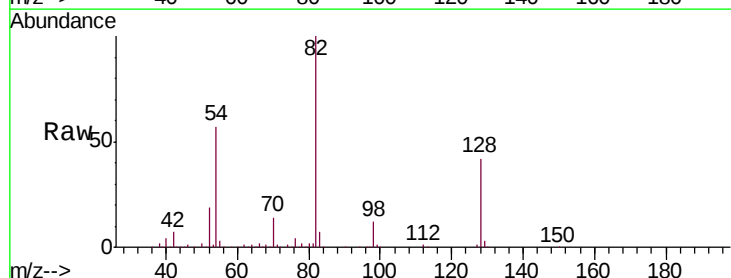
Tgt Ion: 82 Resp: 852091

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

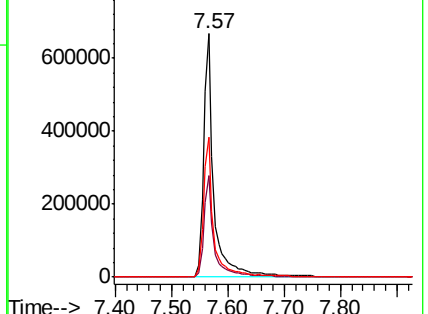
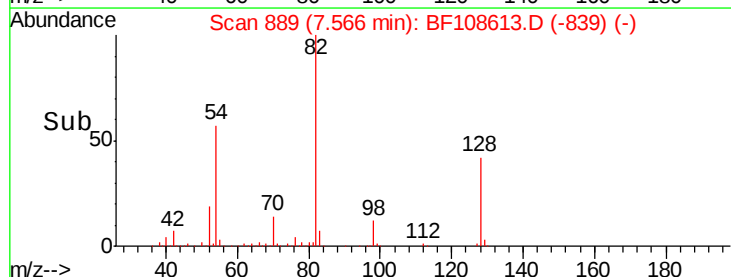
54 57.5 41.4 62.2

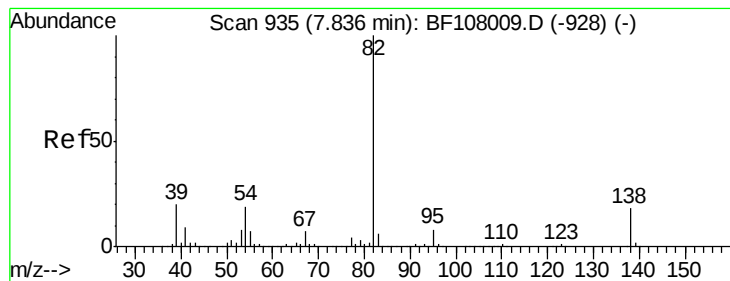


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 56.499 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108613.D

Acq: 29 Aug 2018 19:10

Instrument :

BNA_F

ClientSampleId :

082718-SIDI-F-D-S

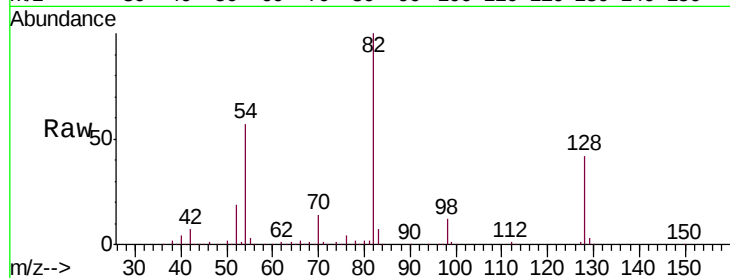
Tgt Ion: 82 Resp: 852088

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

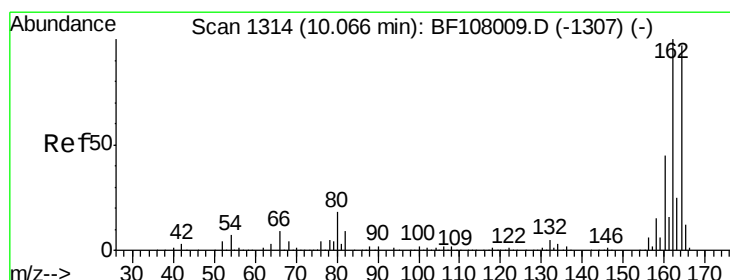
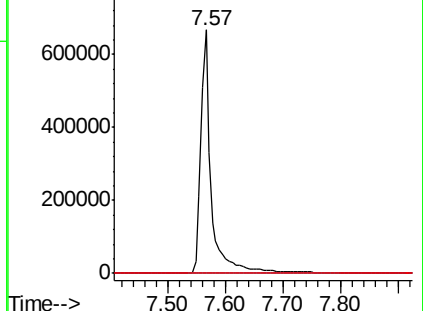
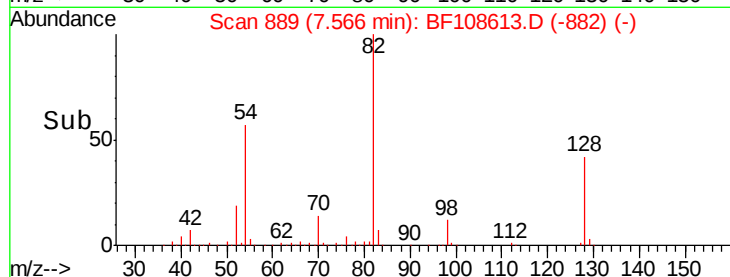
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108613.D

Acq: 29 Aug 2018 19:10

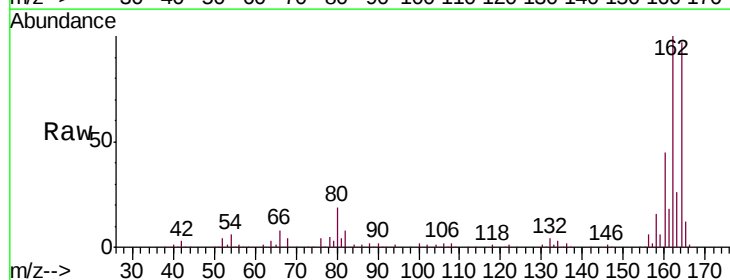
Tgt Ion: 164 Resp: 197319

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

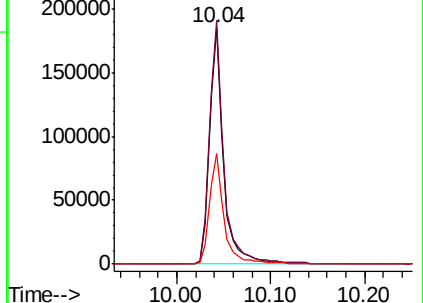
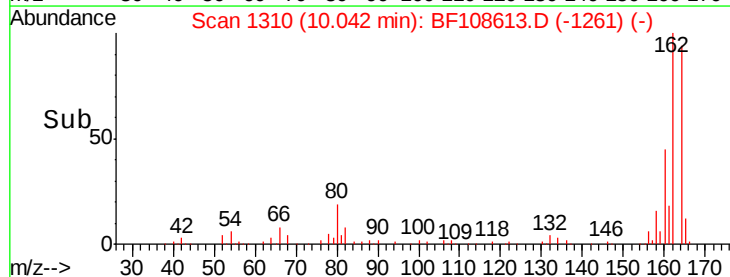
160 46.6 38.3 57.5

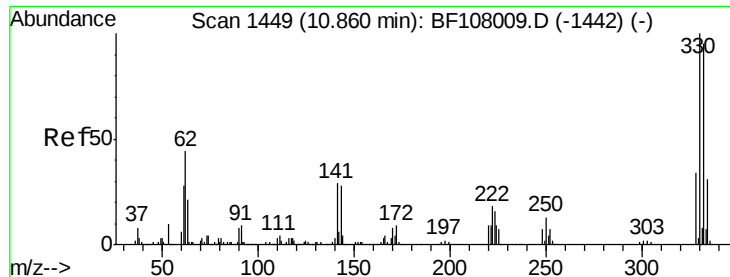


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

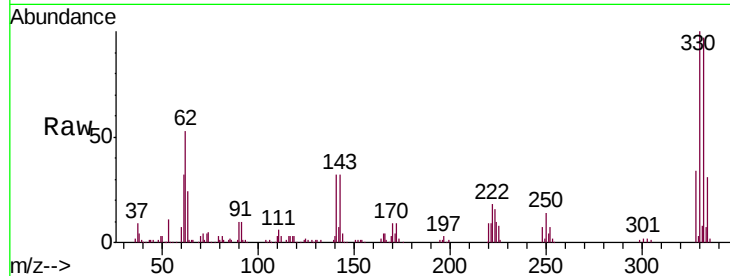




#41
 2,4,6-Tribromophenol
 Concen: 92.999 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108613.D
 Acq: 29 Aug 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 082718-SIDI-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.8	29.9	44.9

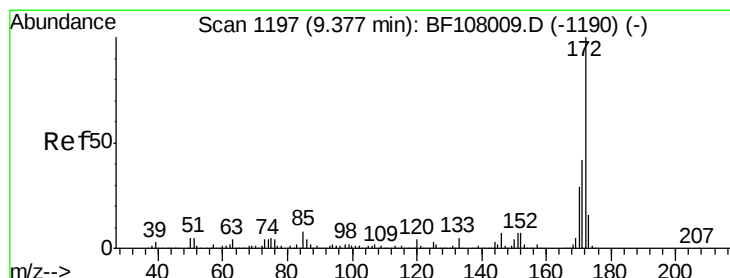
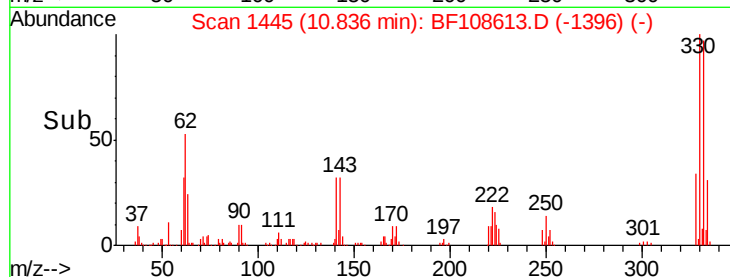
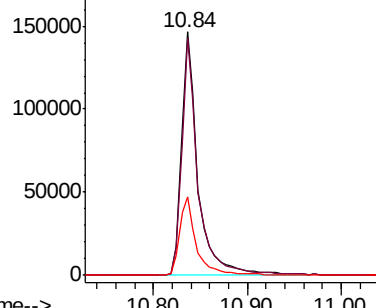


Abundance

Ion 329.80 (329.50 to 330.50): E

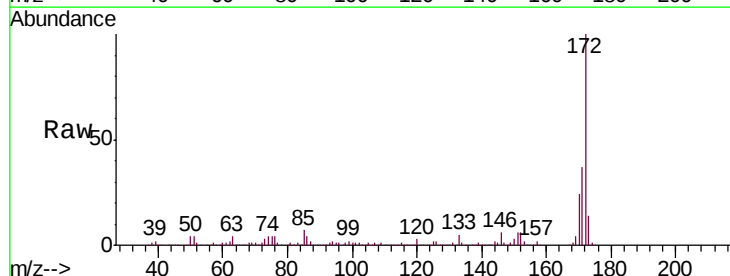
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 122.719 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108613.D
 Acq: 29 Aug 2018 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4

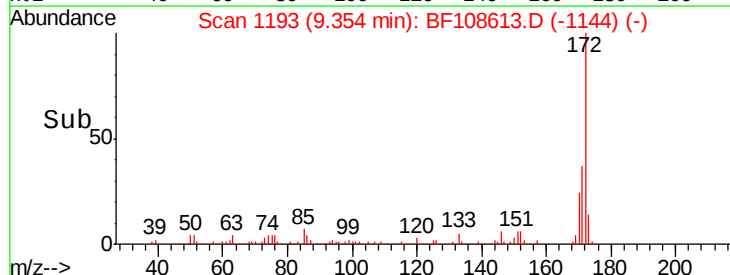
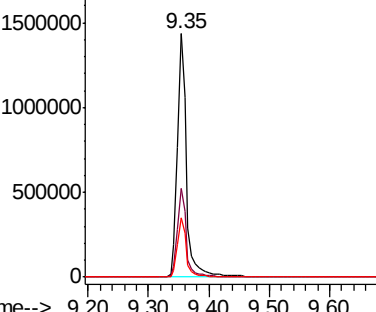


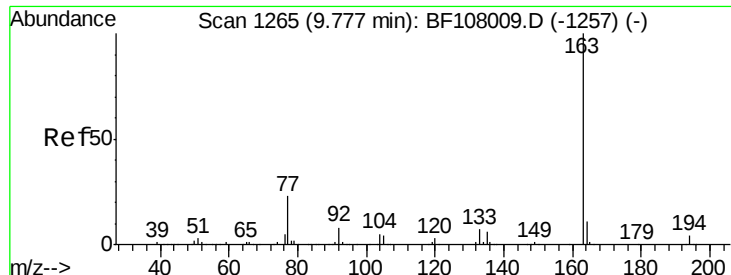
Abundance

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

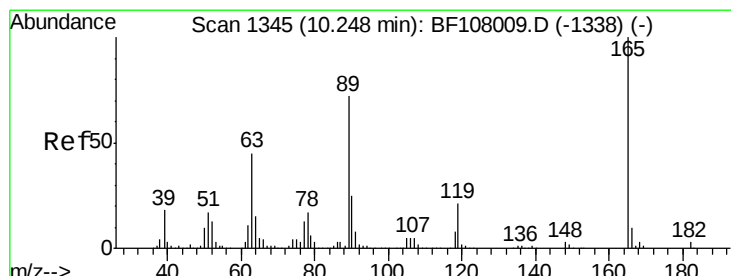
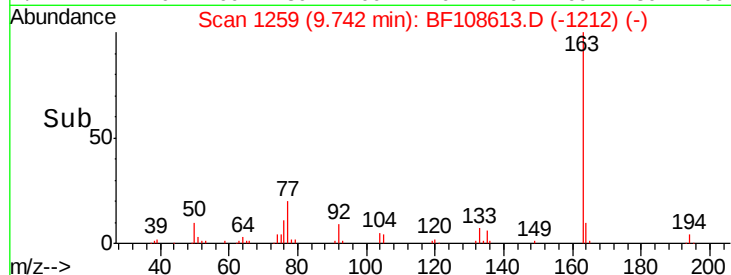
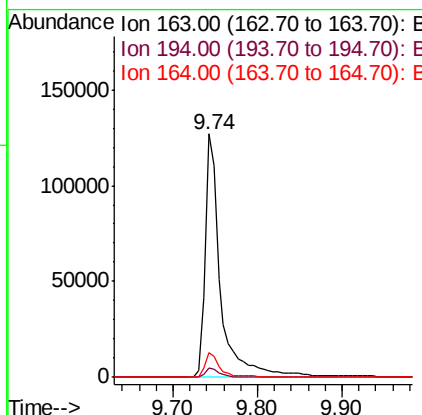
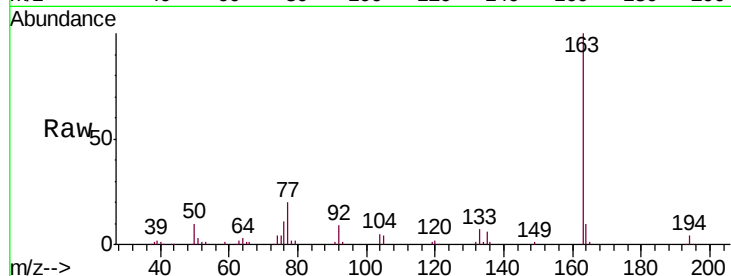




#49
 Dimethylphthalate
 Concen: 11.735 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108613.D
 Acq: 29 Aug 2018 19:10

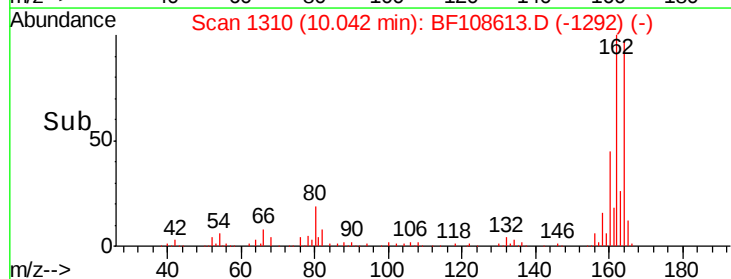
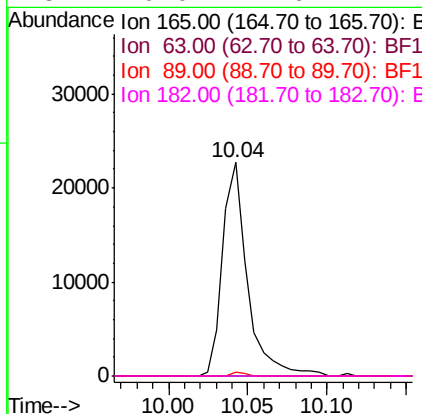
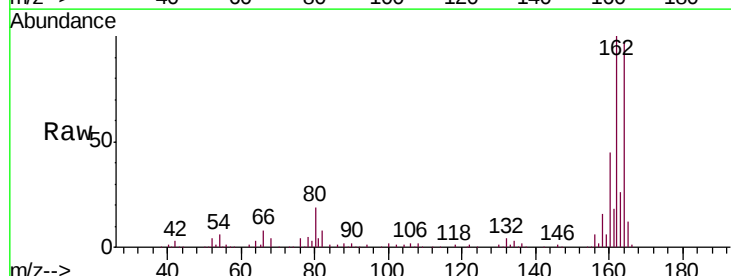
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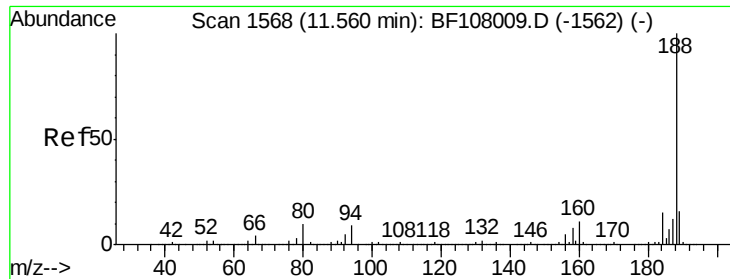
Tgt Ion:	163	Resp:	161303
Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.684 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108613.D
 Acq: 29 Aug 2018 19:10

Tgt Ion:	165	Resp:	24743
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

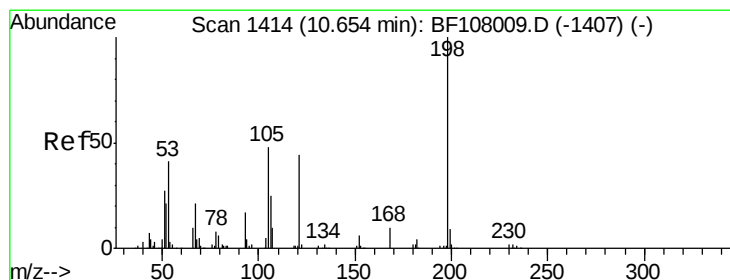
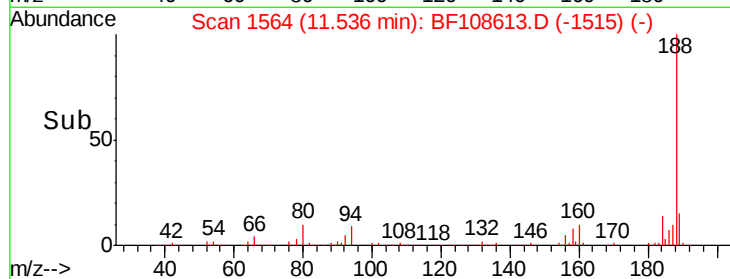
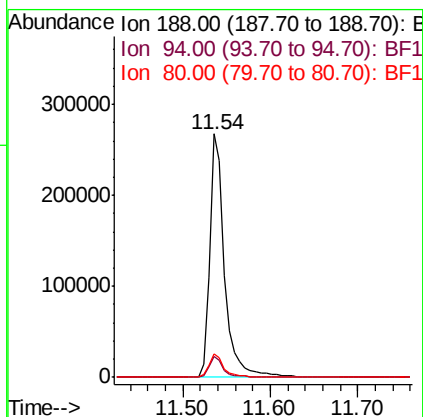
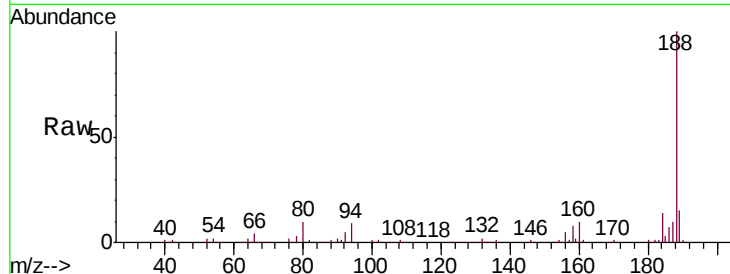




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108613.D
 Acq: 29 Aug 2018 19:10

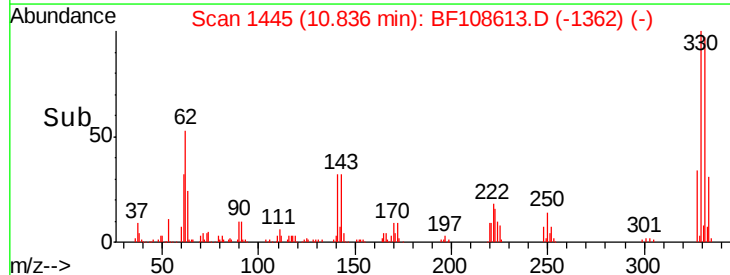
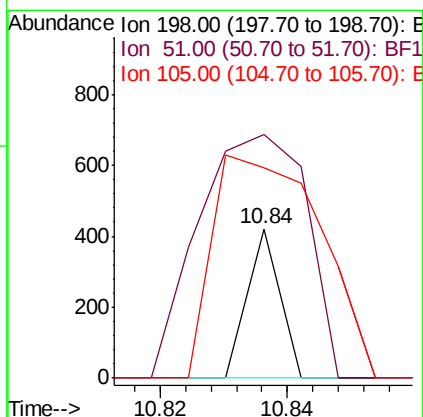
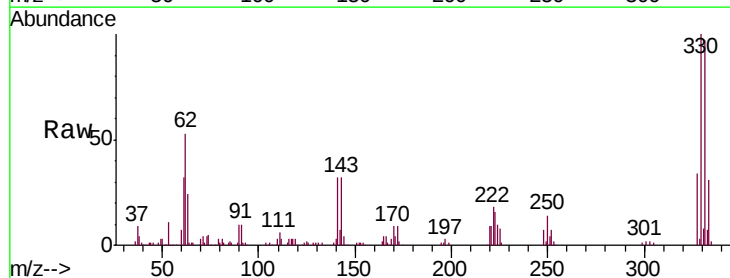
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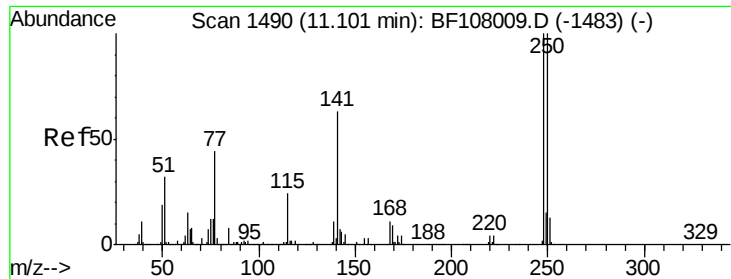
Tgt Ion:188 Resp: 312729
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.471 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108613.D
 Acq: 29 Aug 2018 19:10

Tgt Ion:198 Resp: 148
 Ion Ratio Lower Upper
 198 100
 51 163.6 37.7 77.7#
 105 141.7 36.3 76.3#

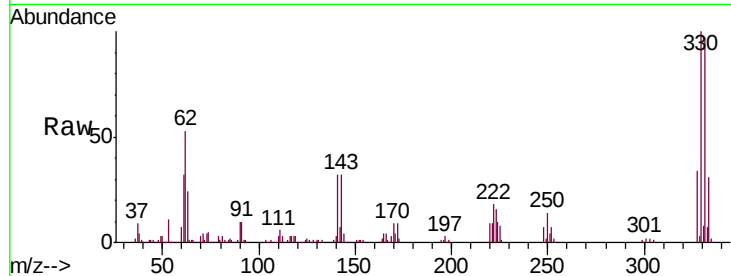




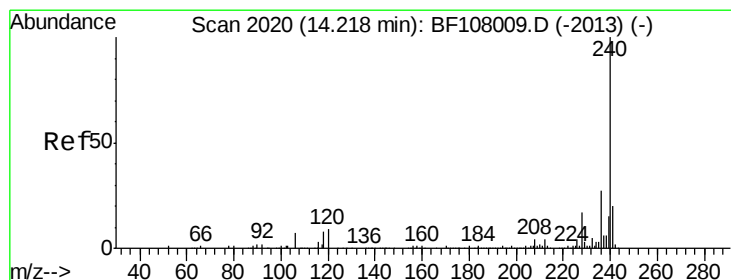
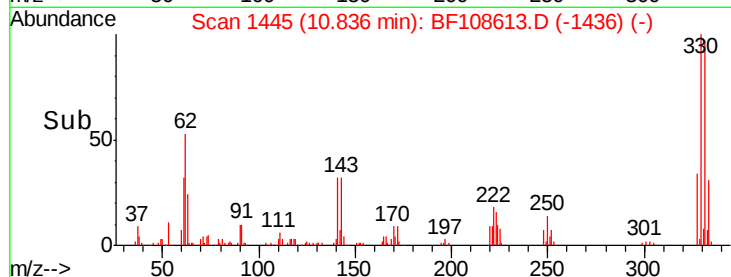
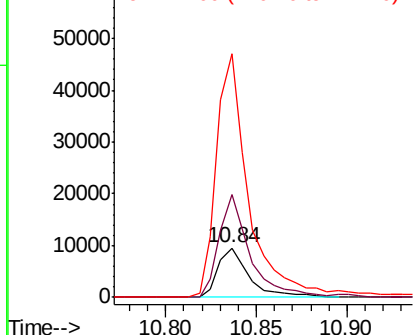
#66
4-Bromophenyl-phenylether
Concen: 3.311 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-D-S

Tgt Ion:248 Resp: 11252
Ion Ratio Lower Upper
248 100
250 206.7 76.9 115.3#
141 491.3 74.4 111.6#

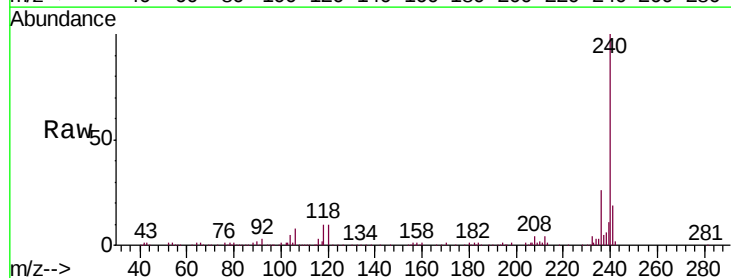


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

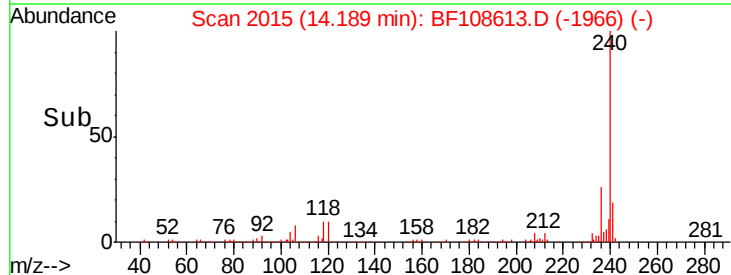
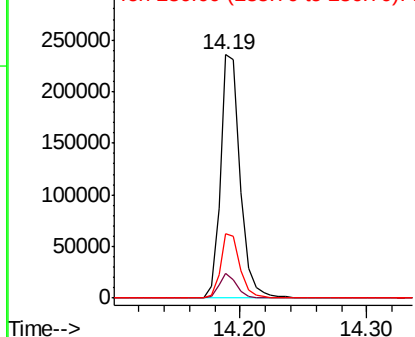


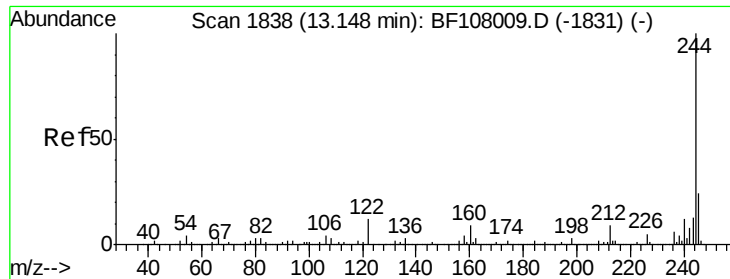
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108613.D
Acq: 29 Aug 2018 19:10

Tgt Ion:240 Resp: 254551
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 26.5 20.7 31.1



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

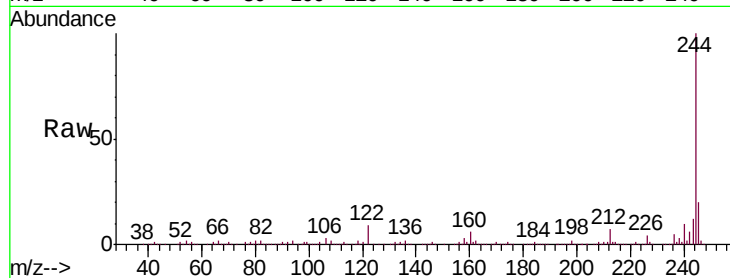




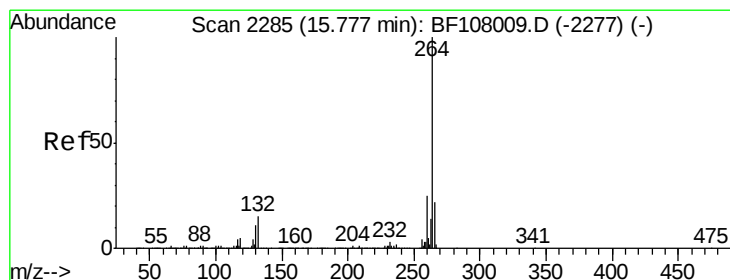
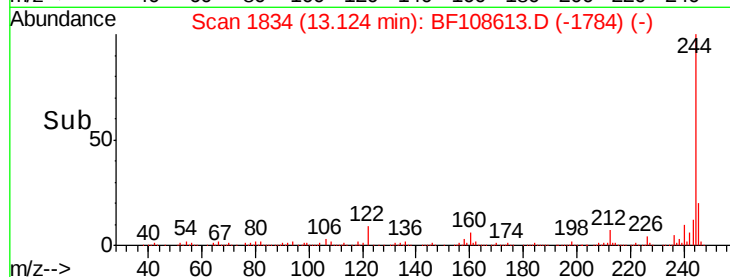
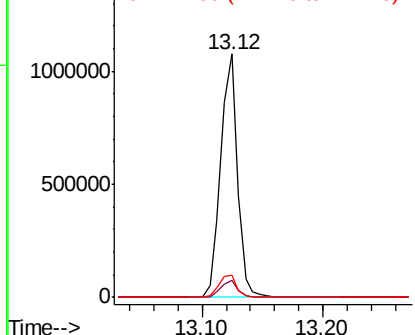
#78
 Terphenyl-d14
 Concen: 102.849 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108613.D
 Acq: 29 Aug 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 082718-SIDI-F-D-S

Tgt Ion:244 Resp: 1029681
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 9.1 11.0 16.4#

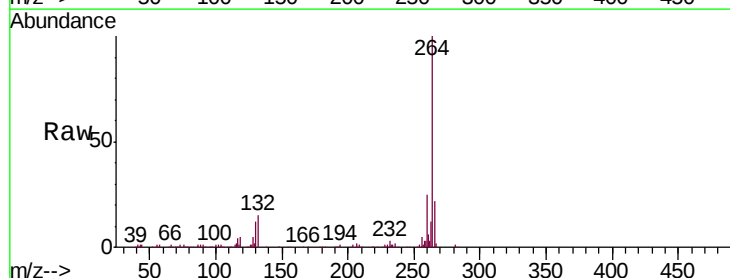


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108613.D
 Acq: 29 Aug 2018 19:10

Tgt Ion:264 Resp: 251868
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.8 17.5 26.3



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

