

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108578.D
 Acq On : 29 Aug 2018 2:01
 Operator : JU/SJ
 Sample : J4656-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-D-B

Quant Time: Aug 29 05:37:58 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

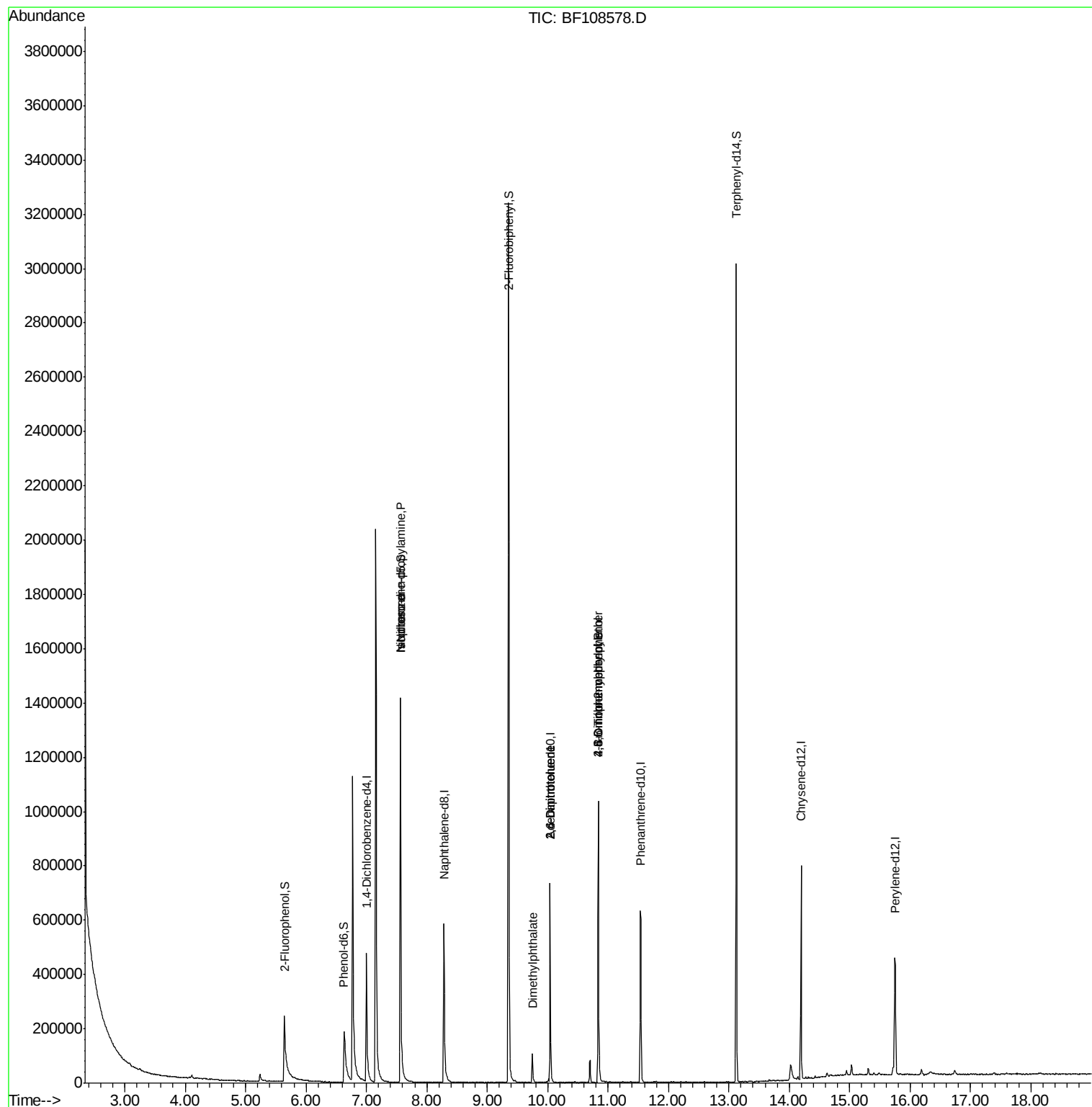
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	97988	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	345991	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	149683	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	269028	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	284862	20.00	ng	0.00
86) Perylene-d12	15.75	264	230667	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	180062	33.27	ng	0.01
7) Phenol-d6	6.63	99	166617	23.17	ng	0.00
23) Nitrobenzene-d5	7.57	82	602721	97.21	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	130337	87.30	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1055755	113.24	ng	-0.01
78) Terphenyl-d14	13.12	244	974801	87.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	79775	16.402	ng	# 82
25) Isophorone	7.57	82	602716	50.999	ng	# 64
49) Dimethylphthalate	9.75	163	59844	5.740	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	19175	8.790	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	19175	6.829	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.84	198	117	5.462	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	8657	2.961	ng	# 1

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

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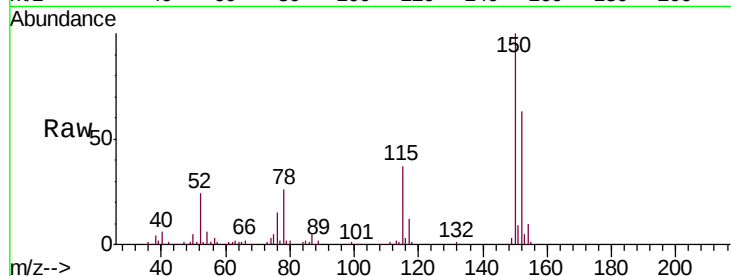


#1

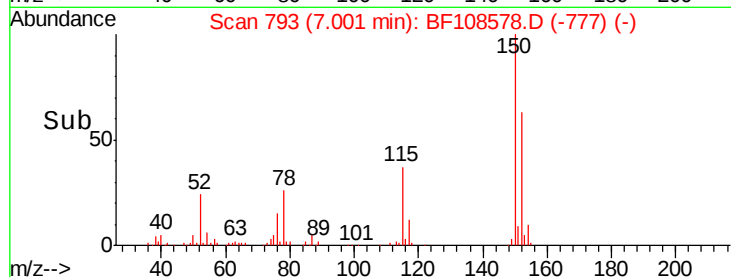
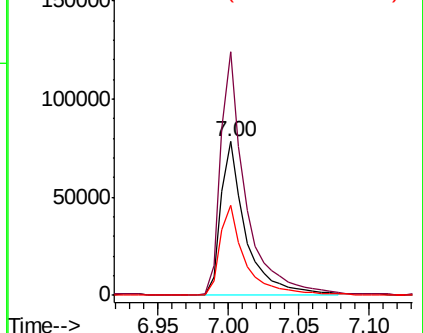
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108578.D
Acq: 29 Aug 2018 2:01

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-B

Tgt Ion:152 Resp: 97988
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 58.5 50.1 75.1



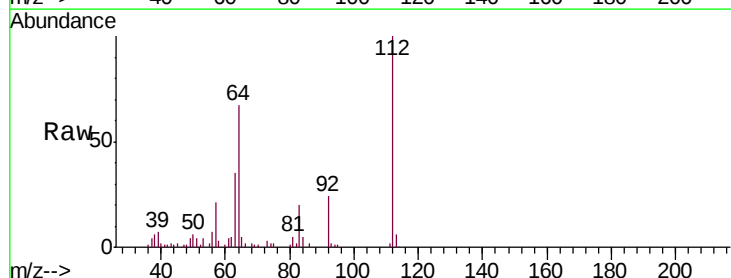
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



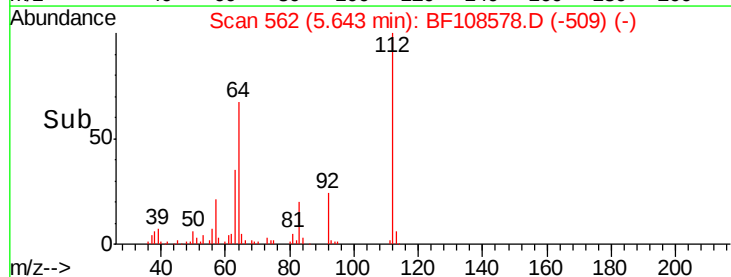
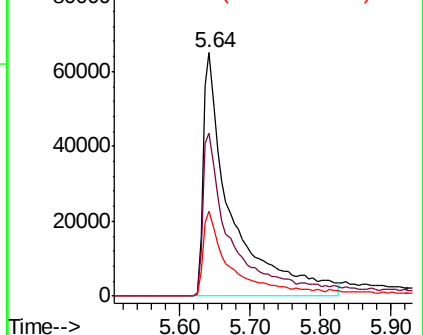
#5

2-Fluorophenol
Concen: 33.269 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108578.D
Acq: 29 Aug 2018 2:01

Tgt Ion:112 Resp: 180062
Ion Ratio Lower Upper
112 100
64 67.2 47.9 71.9
63 34.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.166 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108578.D

Acq: 29 Aug 2018 2:01

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-D-B

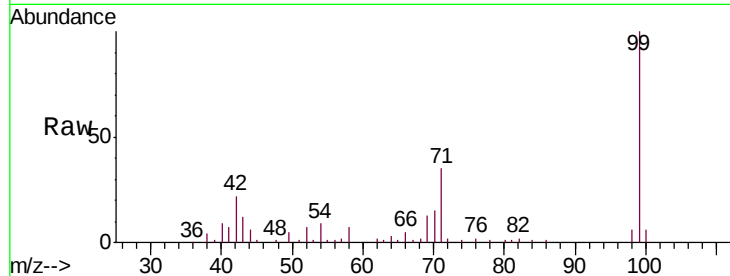
Tgt Ion: 99 Resp: 166617

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

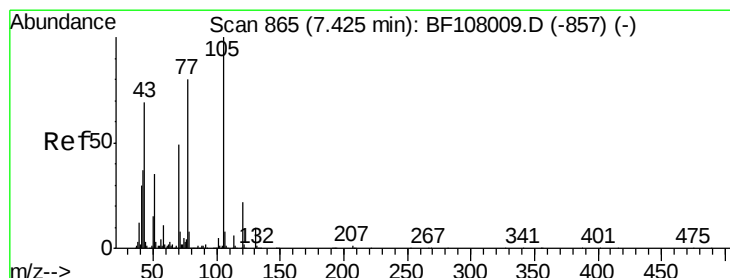
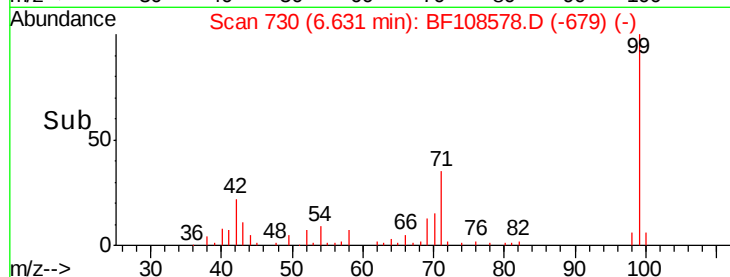
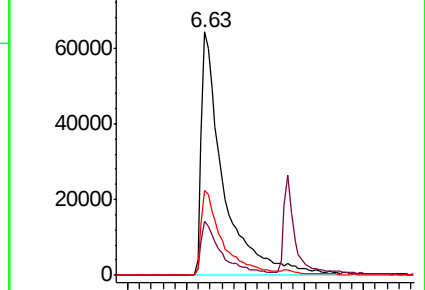
71 34.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.402 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108578.D

Acq: 29 Aug 2018 2:01

Tgt Ion: 70 Resp: 79775

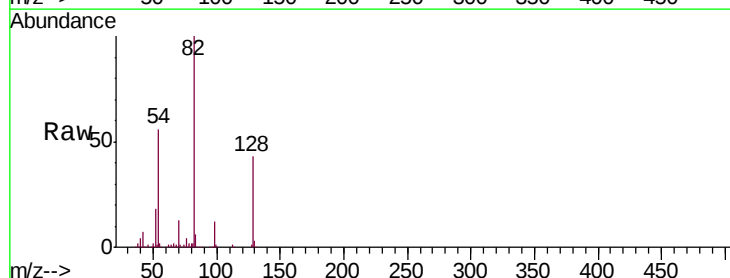
Ion Ratio Lower Upper

70 100

42 53.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

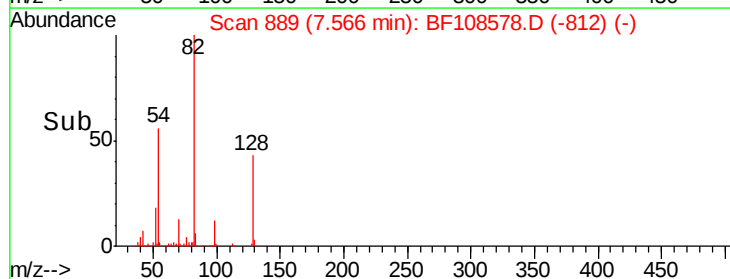
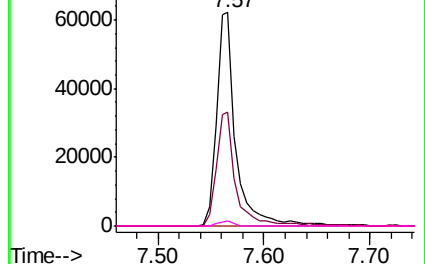


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108578.D

Acq: 29 Aug 2018 2:01

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-D-B

Tgt Ion: 136 Resp: 345991

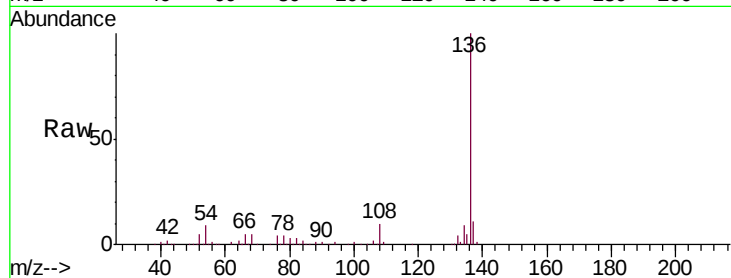
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 5.3 5.0 7.4

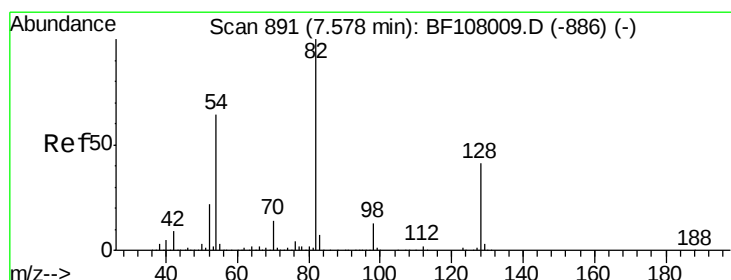
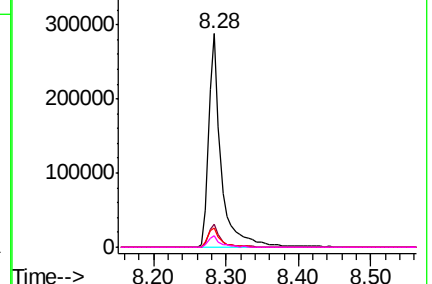
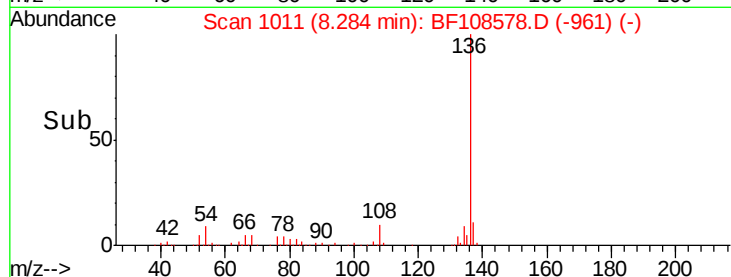


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.207 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108578.D

Acq: 29 Aug 2018 2:01

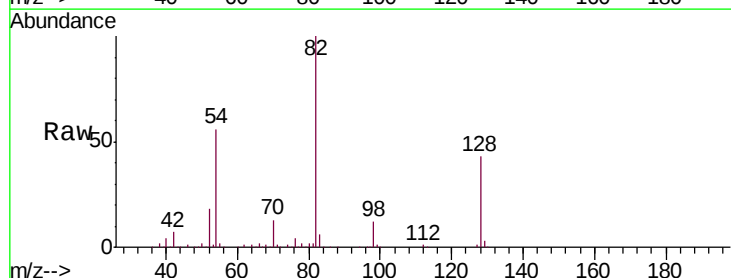
Tgt Ion: 82 Resp: 602721

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

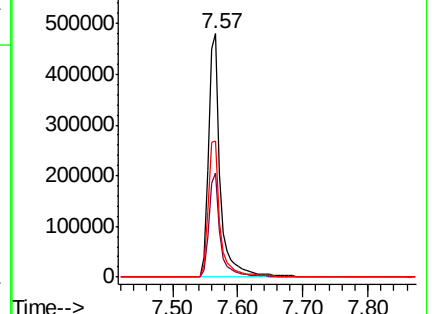
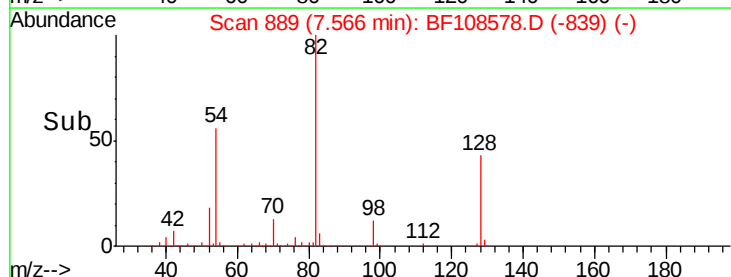
54 55.9 41.4 62.2



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

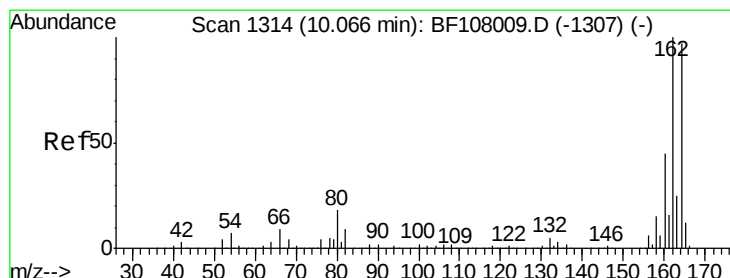
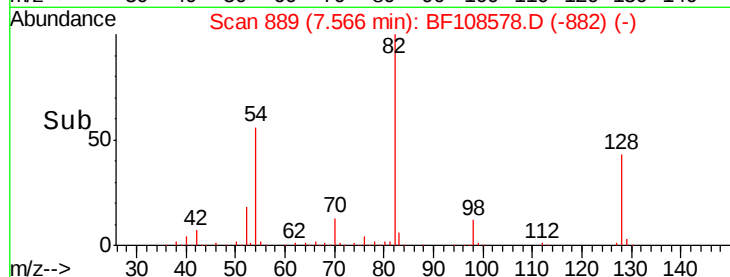
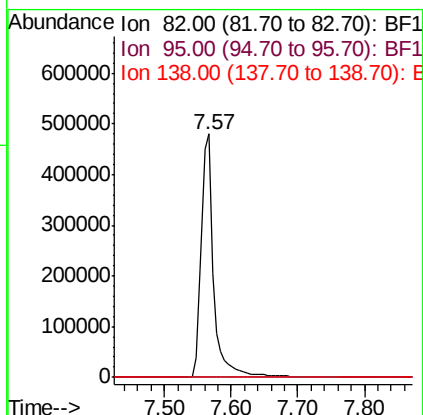
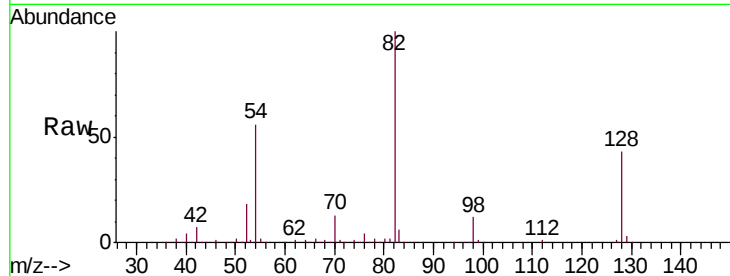




#25
Isophorone
Concen: 50.999 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108578.D
Acq: 29 Aug 2018 2:01

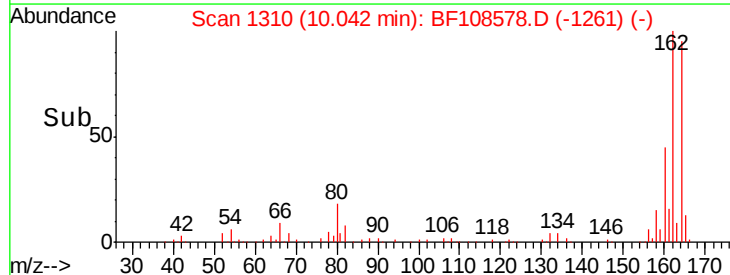
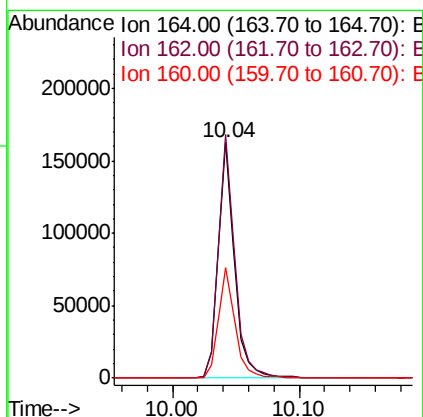
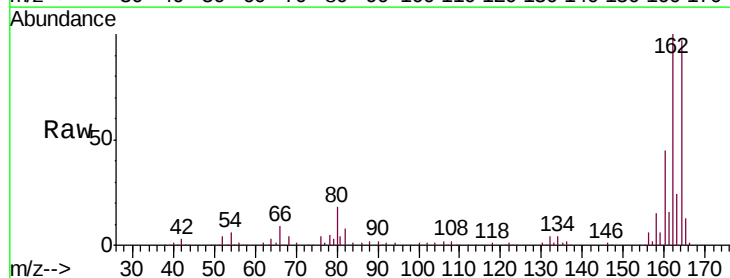
Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-B

Tgt Ion: 82 Resp: 602716
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108578.D
Acq: 29 Aug 2018 2:01

Tgt Ion: 164 Resp: 149683
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 46.6 38.3 57.5

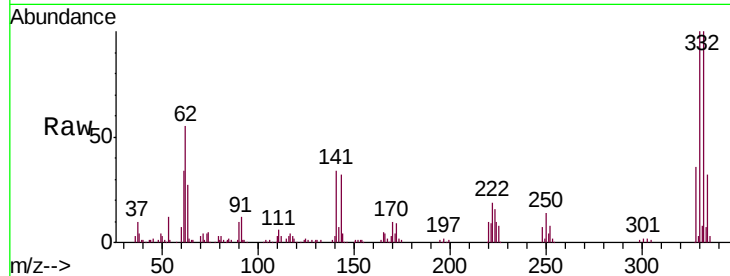




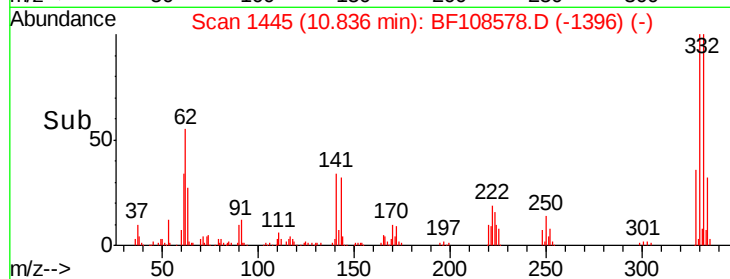
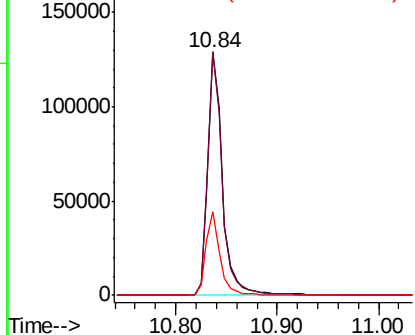
#41
 2,4,6-Tribromophenol
 Concen: 87.296 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108578.D
 Acq: 29 Aug 2018 2:01

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	32.5	29.9	44.9

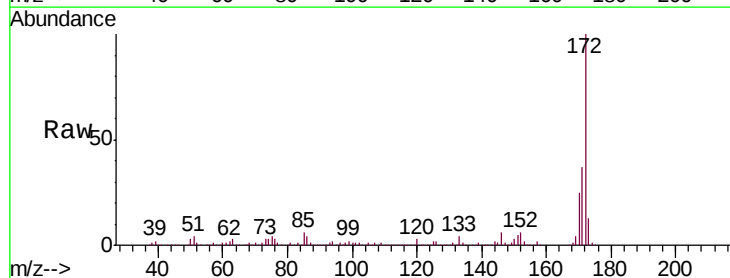


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

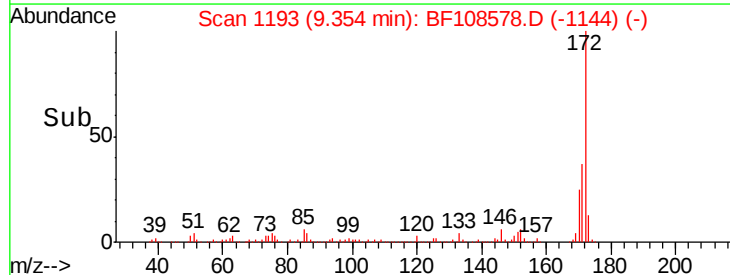
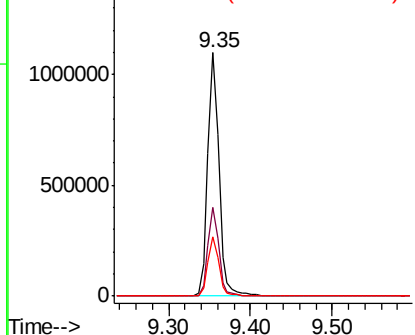


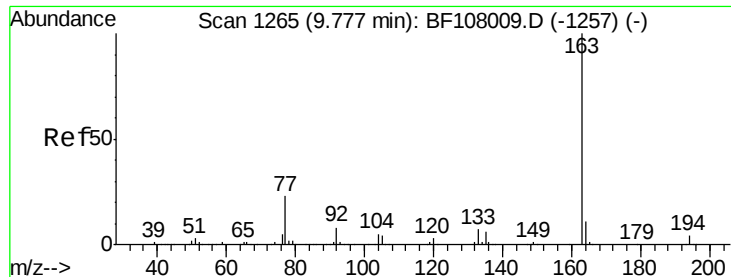
#44
 2-Fluorobiphenyl
 Concen: 113.238 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108578.D
 Acq: 29 Aug 2018 2:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	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

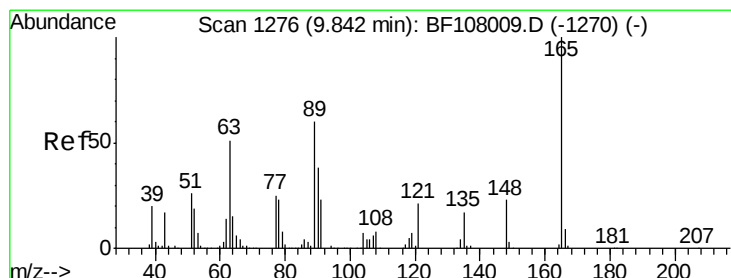
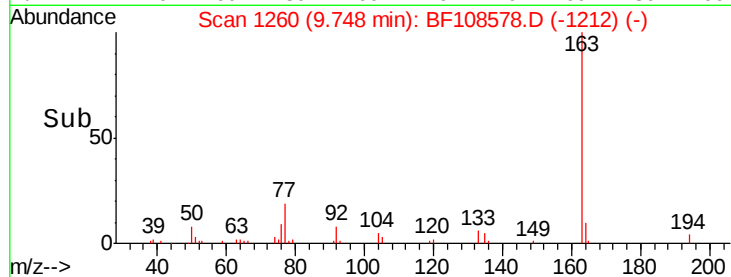
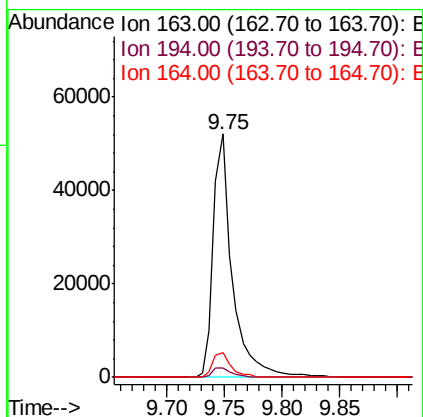
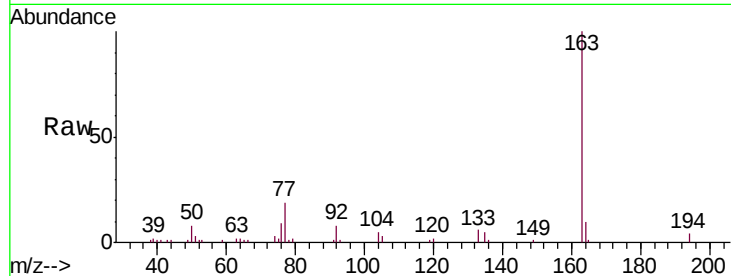




#49
Dimethylphthalate
Concen: 5.740 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108578.D
Acq: 29 Aug 2018 2:01

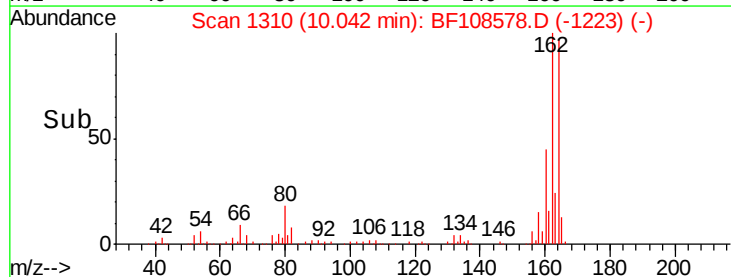
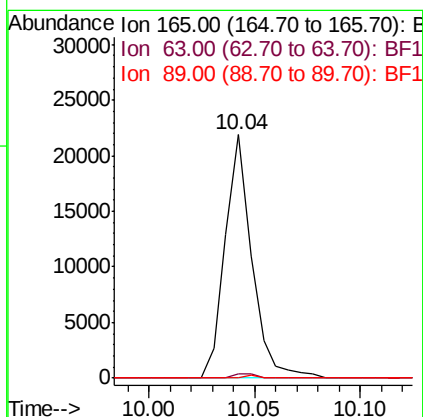
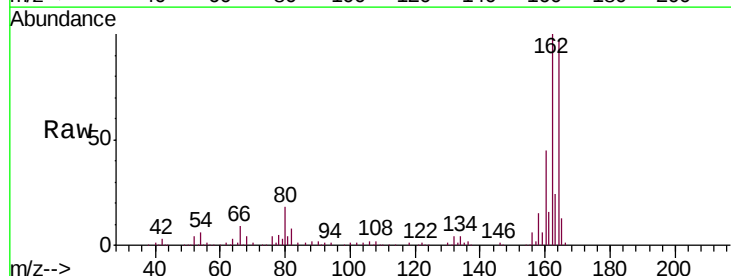
Instrument :
BNA_F
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082418-SIDI-F-D-B

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 8.790 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108578.D
Acq: 29 Aug 2018 2:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	0.0	44.0	66.0#

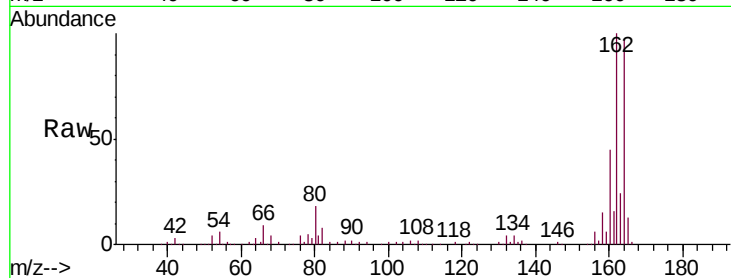




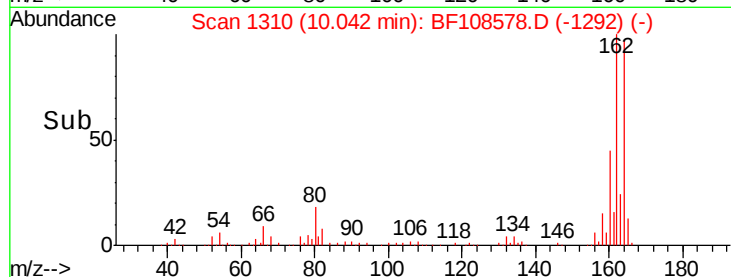
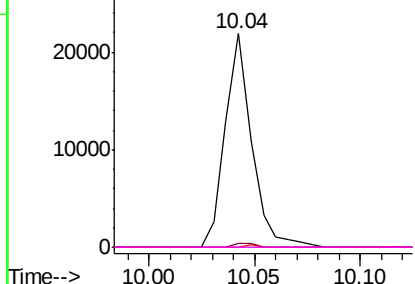
#56
 2,4-Dinitrotoluene
 Concen: 6.829 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108578.D
 Acq: 29 Aug 2018 2:01

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-D-B

Tgt Ion:	165	Resp:	19175
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

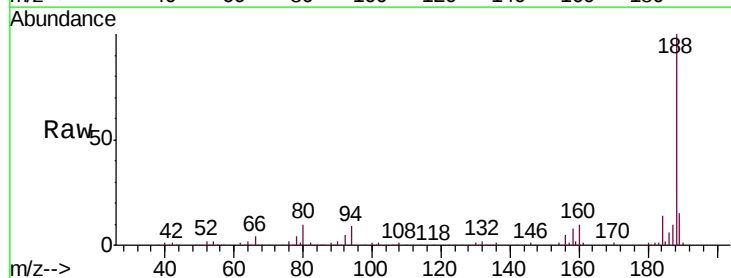


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

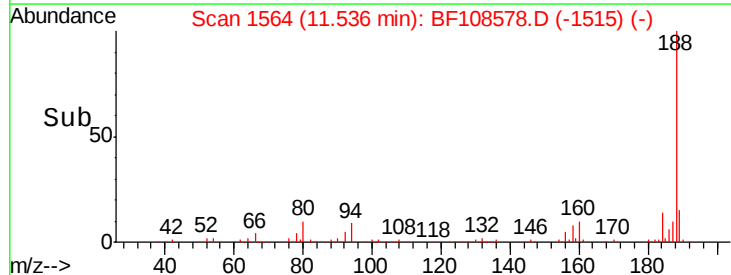
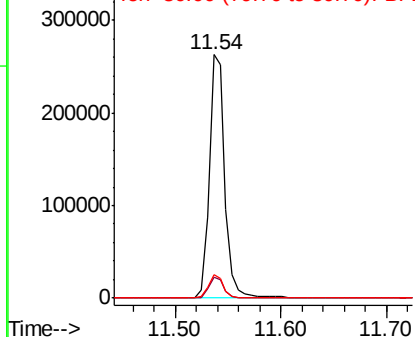


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108578.D
 Acq: 29 Aug 2018 2:01

Tgt Ion:	188	Resp:	269028
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.8	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

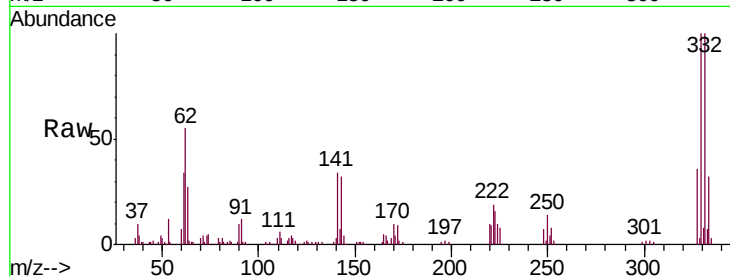




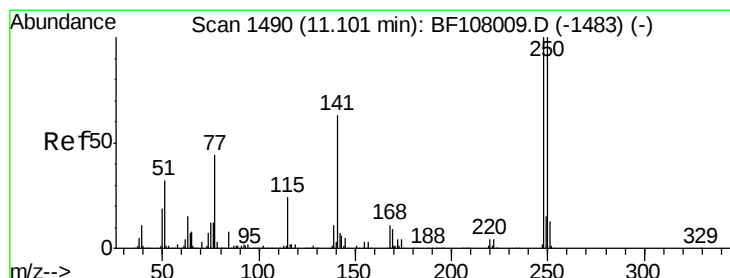
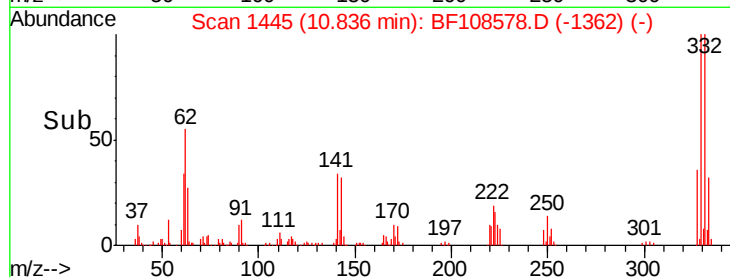
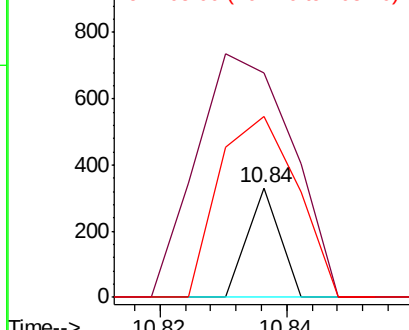
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.462 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108578.D
 Acq: 29 Aug 2018 2:01

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-D-B

Tgt Ion:198 Resp: 117
 Ion Ratio Lower Upper
 198 100
 51 203.9 37.7 77.7#
 105 164.5 36.3 76.3#

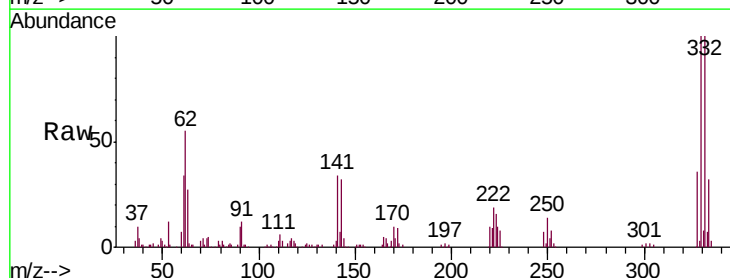


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

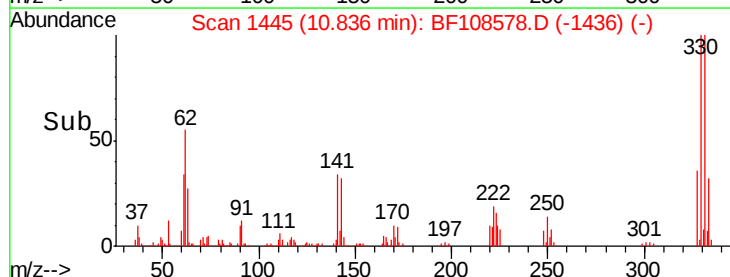
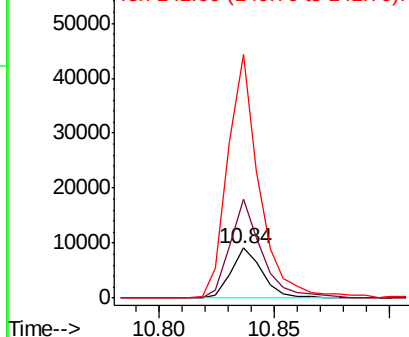


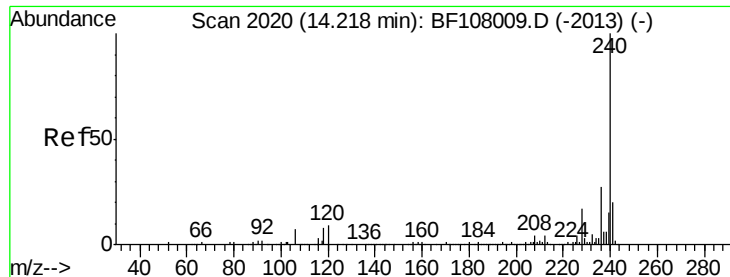
#66
 4-Bromophenyl-phenylether
 Concen: 2.961 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108578.D
 Acq: 29 Aug 2018 2:01

Tgt Ion:248 Resp: 8657
 Ion Ratio Lower Upper
 248 100
 250 198.5 76.9 115.3#
 141 488.3 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# 2016

Delta R.T. -0.01 min

Lab File: BF108578.D

Acq: 29 Aug 2018 2:01

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-D-B

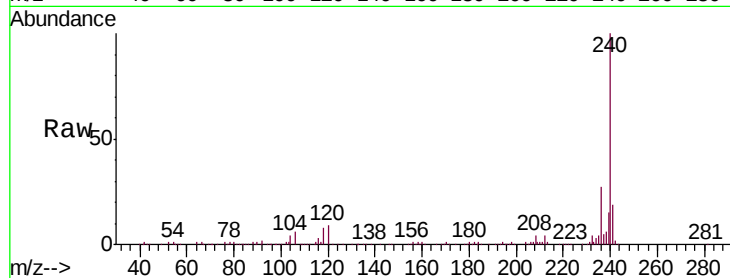
Tgt Ion:240 Resp: 284862

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

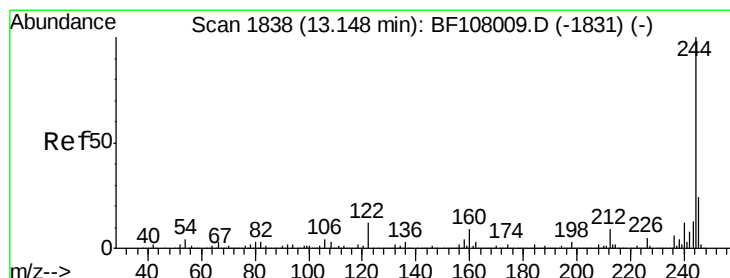
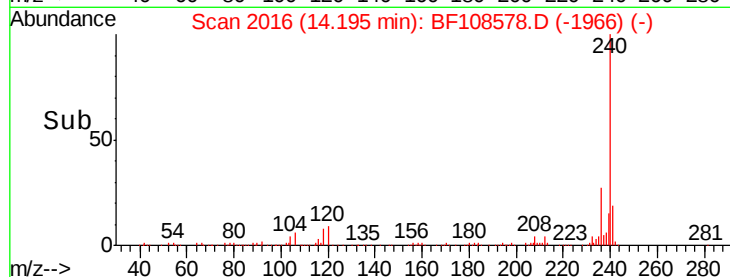
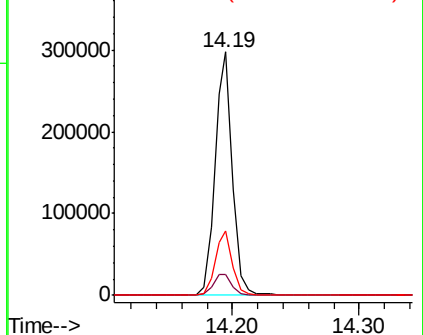
236 26.5 20.7 31.1



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: 87.007 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108578.D

Acq: 29 Aug 2018 2:01

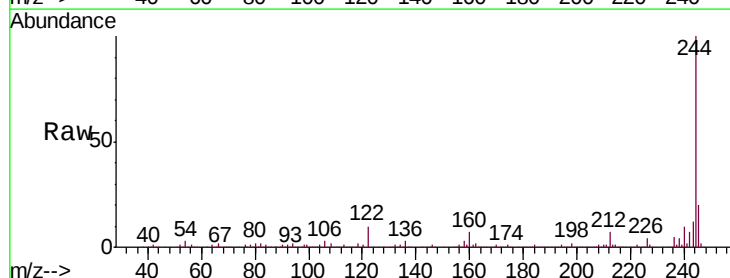
Tgt Ion:244 Resp: 974801

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

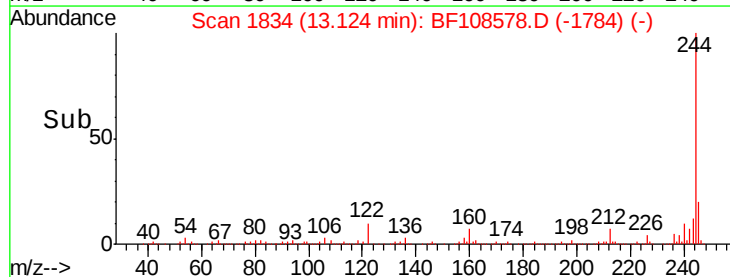
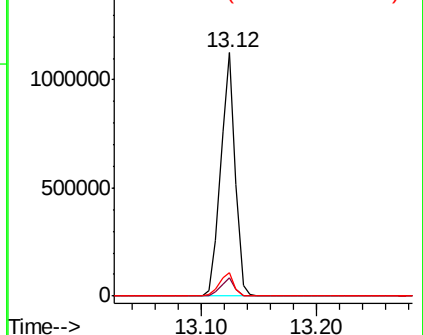
122 9.7 11.0 16.4#

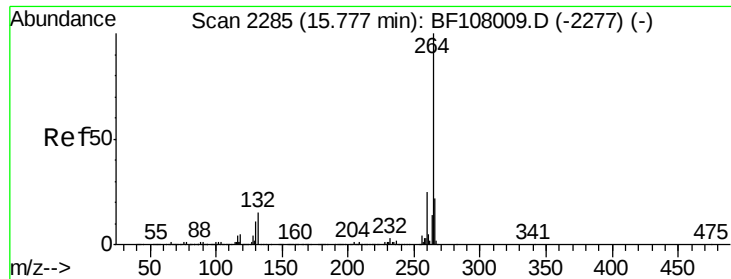


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108578.D
Acq: 29 Aug 2018 2:01

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	17.5	26.3

