

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109169.D
 Acq On : 20 Sep 2018 2:49
 Operator : JU/SJ
 Sample : J4984-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-U-B

Quant Time: Sep 20 07:37:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130383	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	466126	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	198907	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	346315	20.00	ng	0.00
75) Chrysene-d12	13.85	240	331064	20.00	ng	-0.01
86) Perylene-d12	15.25	264	282369	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	320271	40.80	ng	0.00
7) Phenol-d6	6.35	99	254461	25.14	ng	-0.01
23) Nitrobenzene-d5	7.28	82	730505	87.90	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	152327	70.57	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1268833	99.94	ng	0.00
78) Terphenyl-d14	12.81	244	1177472	84.30	ng	0.00

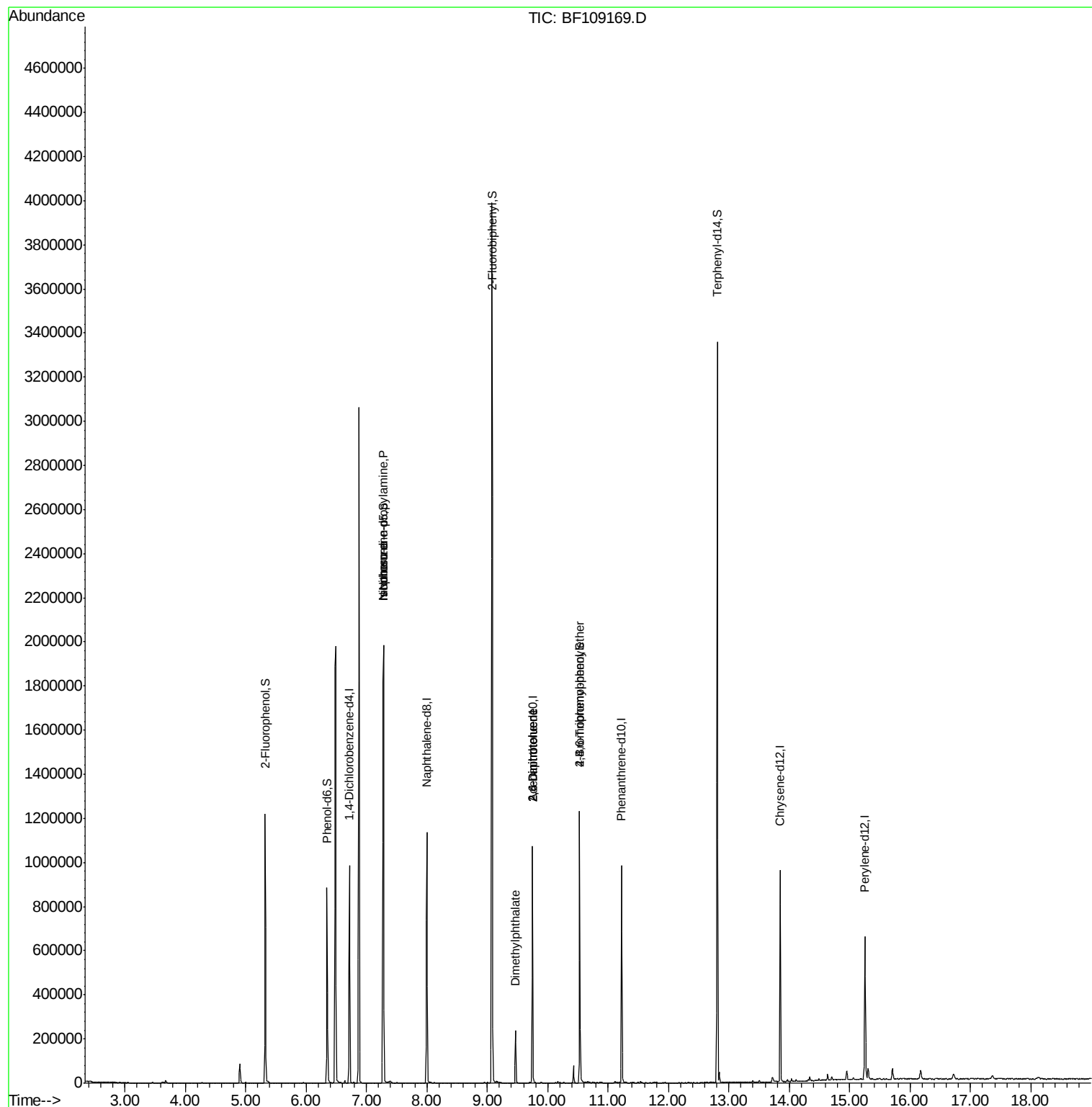
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	97366	14.552	ng	# 76
25) Isophorone	7.28	82	725345	50.774	ng	# 64
49) Dimethylphthalate	9.47	163	97174	6.835	ng	100
50) 2,6-Dinitrotoluene	9.75	165	25207	7.995	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	25207	6.113	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	8981	2.300	ng	# 1

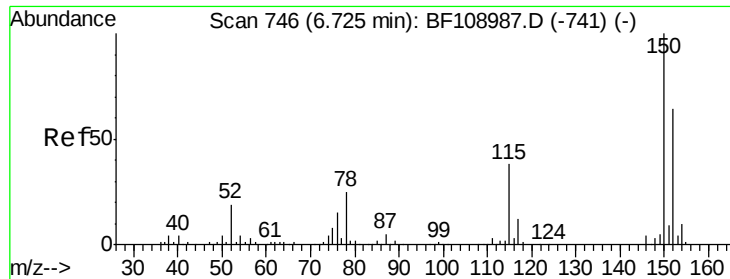
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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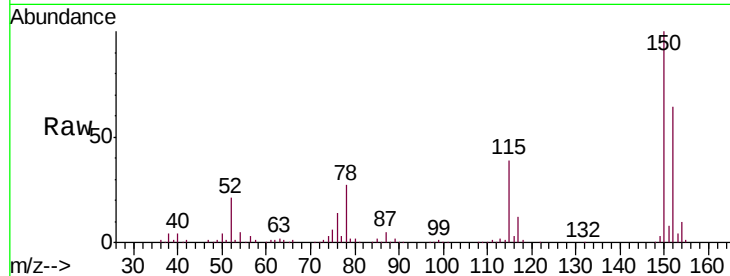




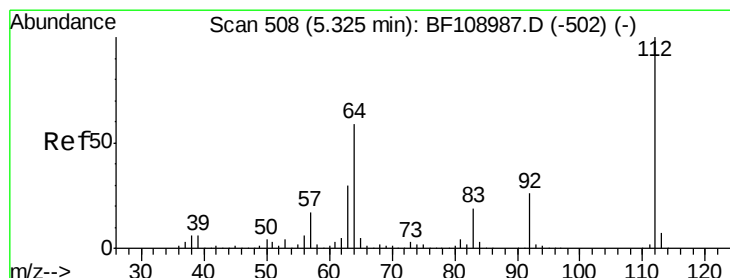
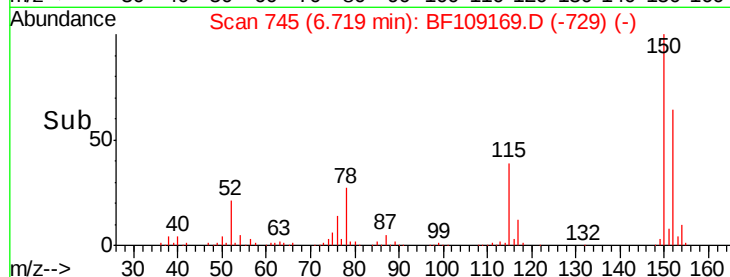
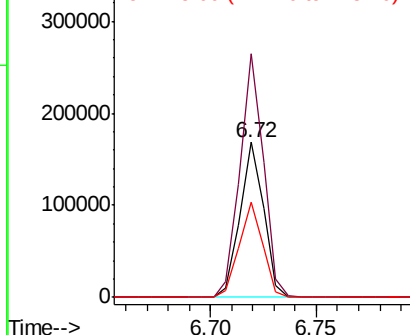
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109169.D
 Acq: 20 Sep 2018 2:49

Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-U-B

Tgt Ion:152 Resp: 130383
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 61.3 50.1 75.1

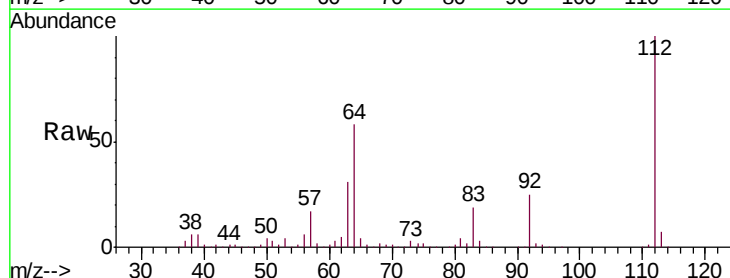


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

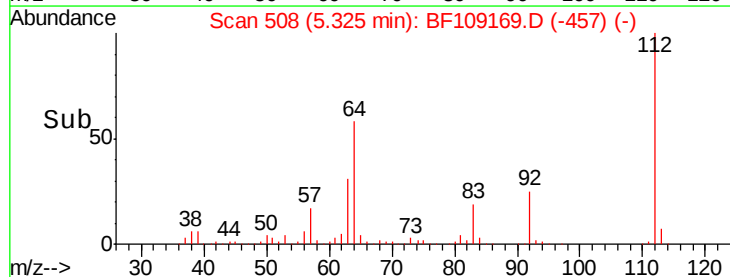
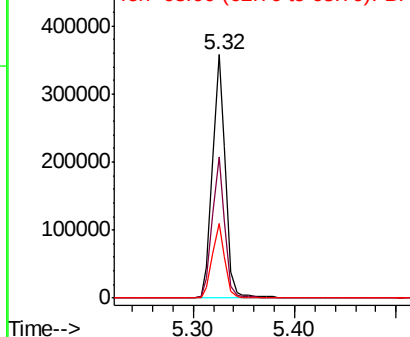


#5
 2-Fluorophenol
 Concen: 40.798 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109169.D
 Acq: 20 Sep 2018 2:49

Tgt Ion:112 Resp: 320271
 Ion Ratio Lower Upper
 112 100
 64 57.8 47.9 71.9
 63 30.7 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: 25.138 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109169.D

Acq: 20 Sep 2018 2:49

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-U-B

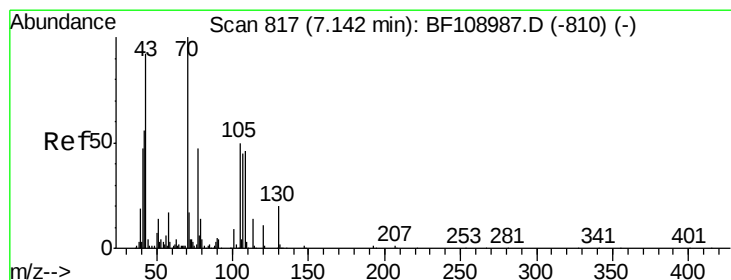
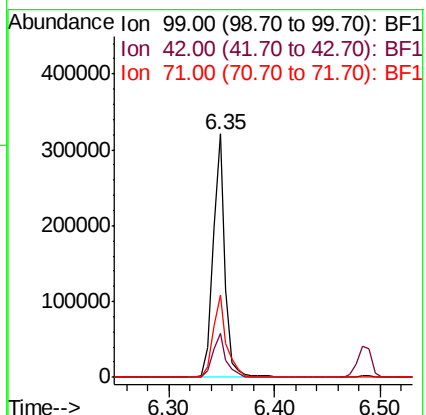
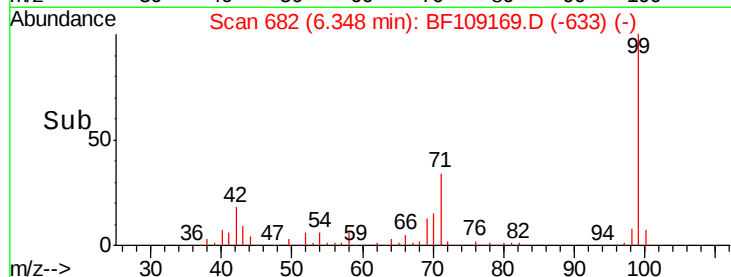
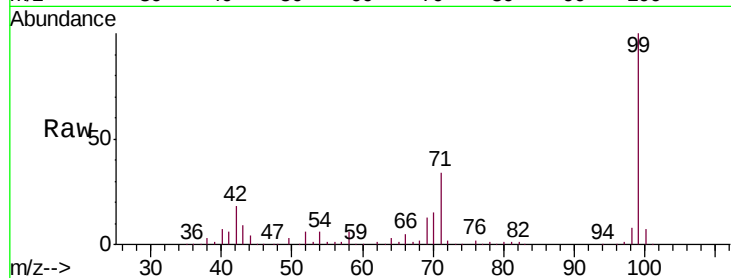
Tgt Ion: 99 Resp: 254461

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 34.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.552 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109169.D

Acq: 20 Sep 2018 2:49

Tgt Ion: 70 Resp: 97366

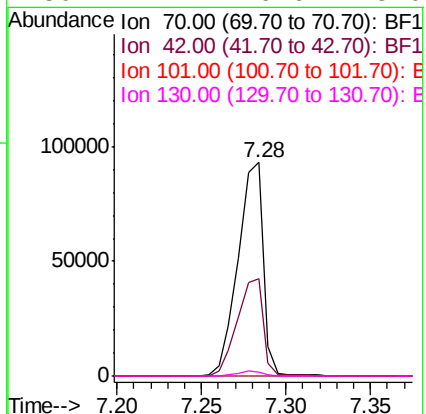
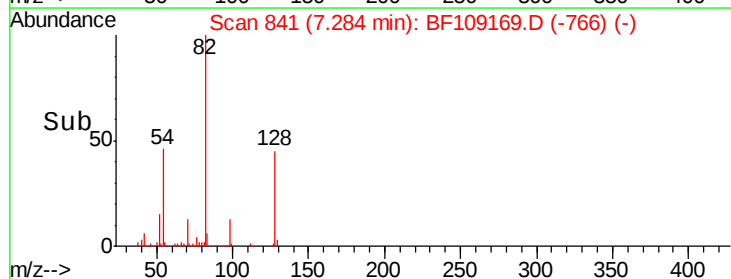
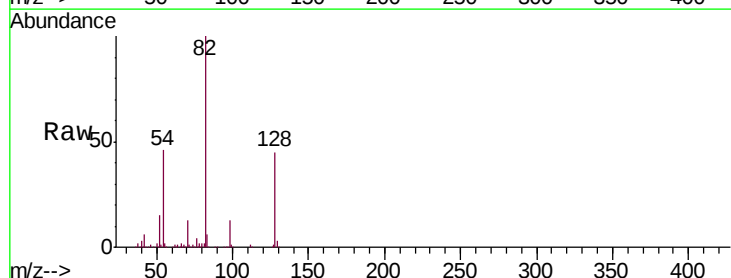
Ion Ratio Lower Upper

70 100

42 45.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109169.D

Acq: 20 Sep 2018 2:49

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-U-B

Tgt Ion:136 Resp: 466126

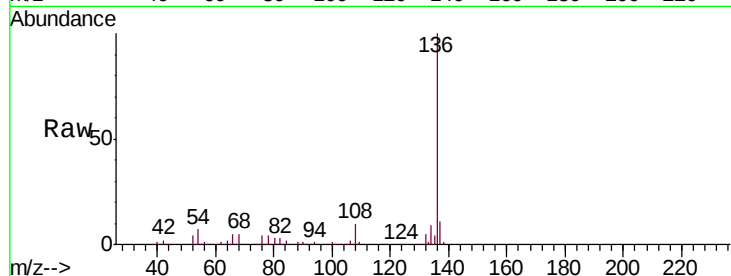
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.5 5.0 7.4

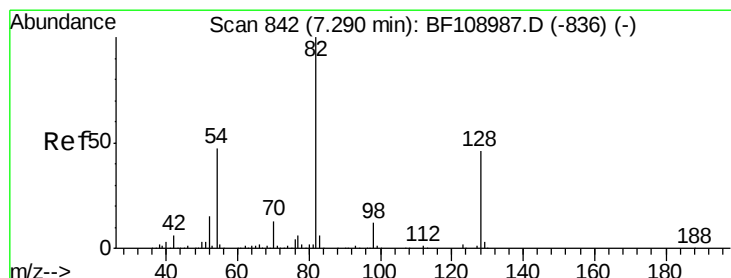
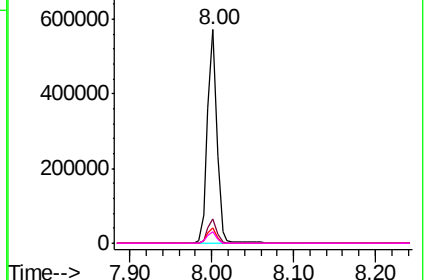
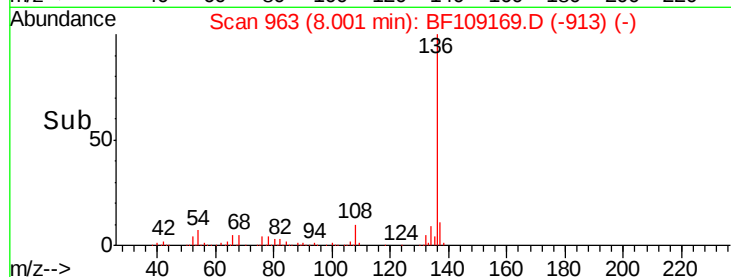


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.901 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109169.D

Acq: 20 Sep 2018 2:49

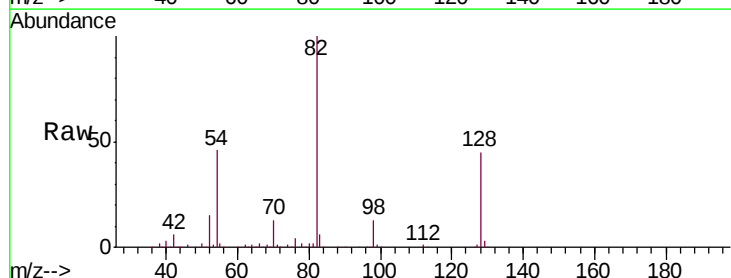
Tgt Ion: 82 Resp: 730505

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

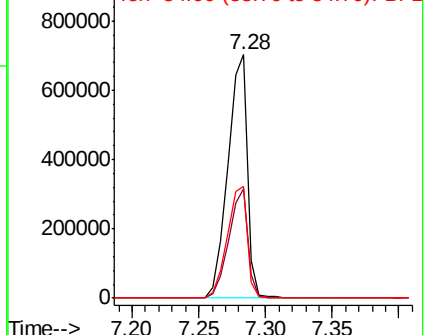
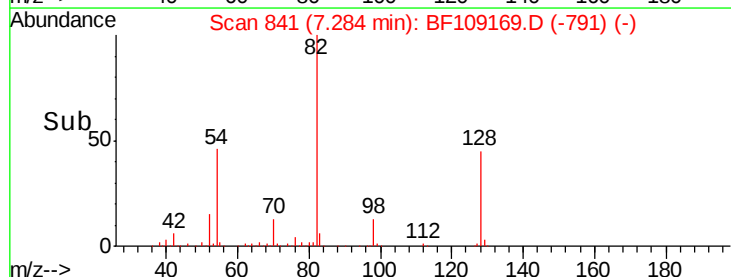
54 45.8 41.4 62.2

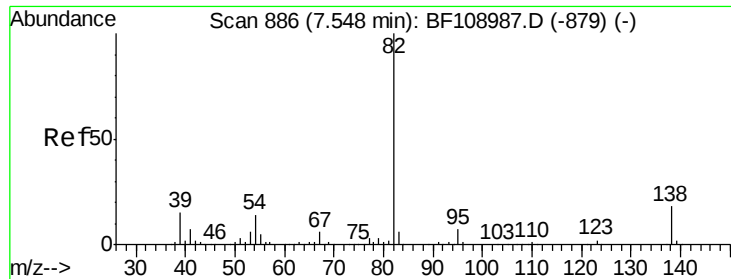


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.774 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109169.D

Acq: 20 Sep 2018 2:49

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ClientSampleId :

091718-SIDI-E-U-B

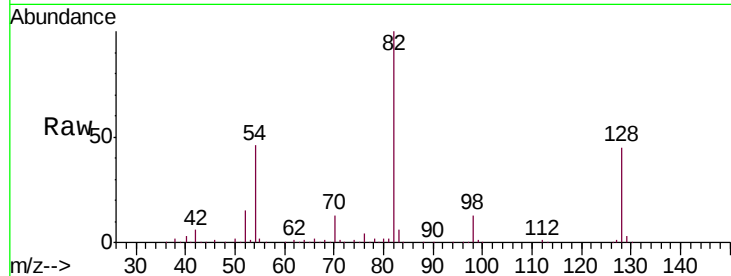
Tgt Ion: 82 Resp: 725345

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

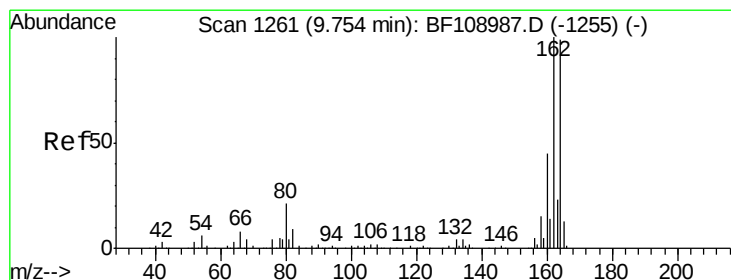
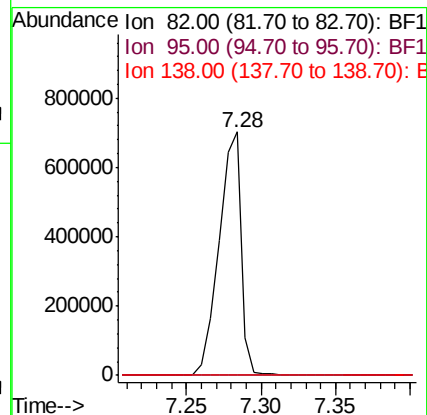
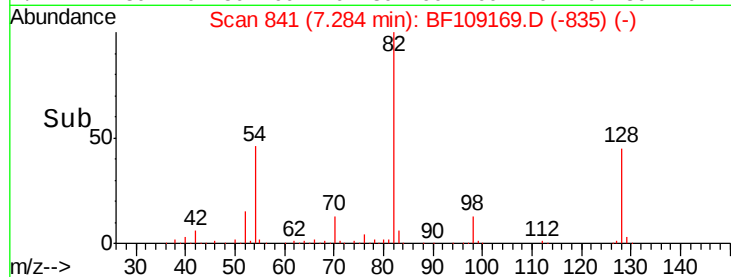
138 0.0 14.9 22.3#



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: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109169.D

Acq: 20 Sep 2018 2:49

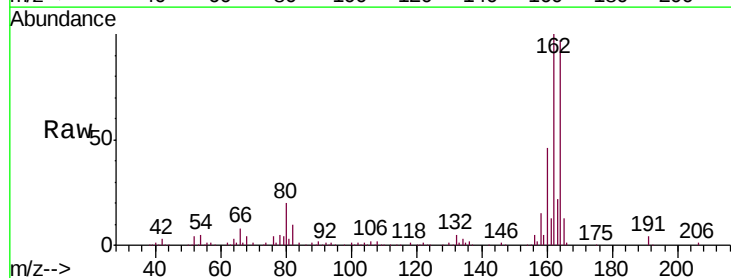
Tgt Ion: 164 Resp: 198907

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

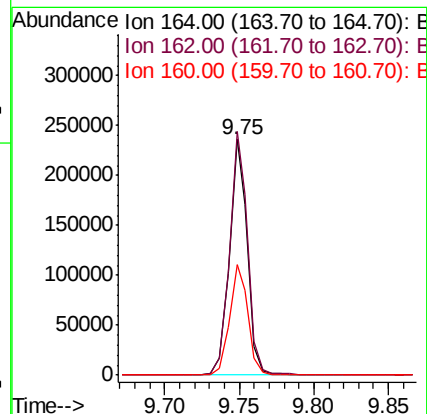
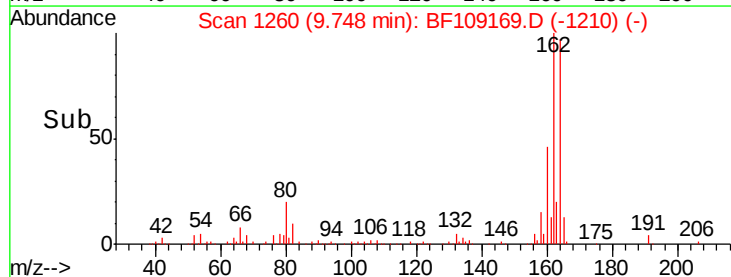
160 47.1 38.3 57.5

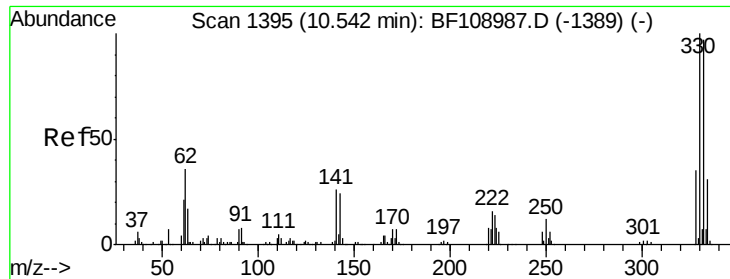


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

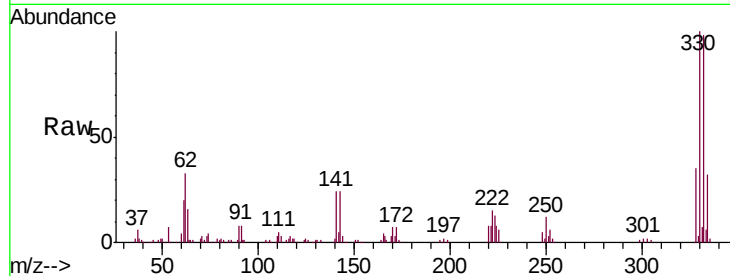




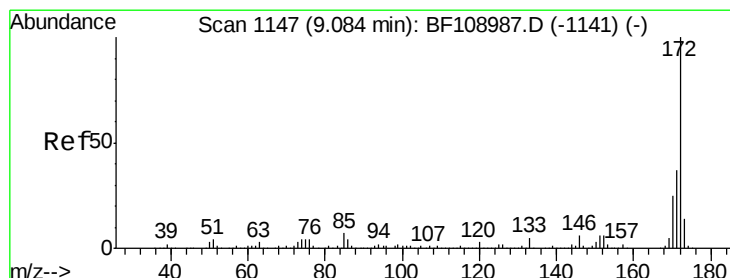
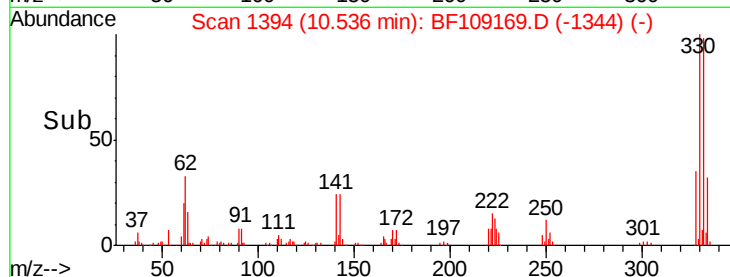
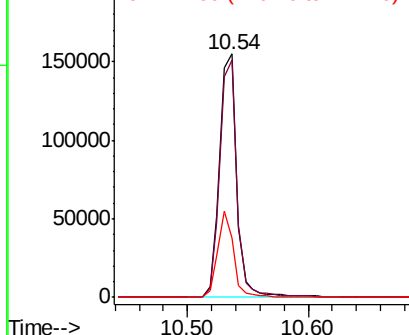
#41
 2,4,6-Tribromophenol
 Concen: 70.565 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109169.D
 Acq: 20 Sep 2018 2:49

Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	32.2	29.9	44.9

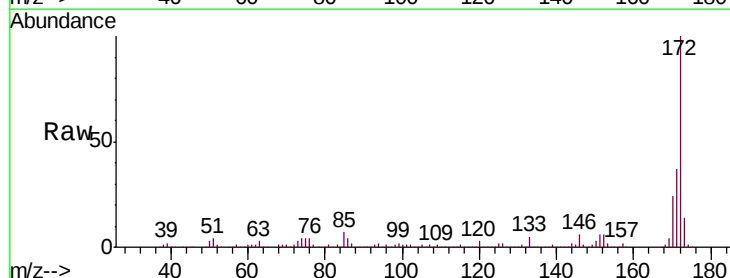


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

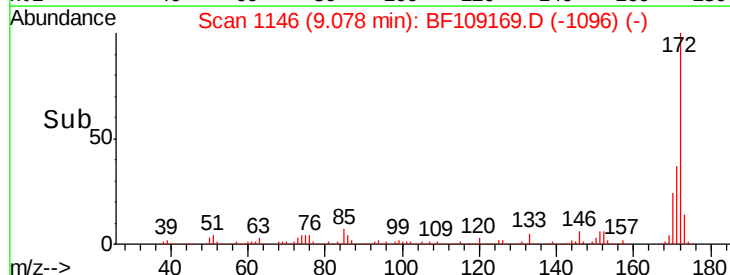
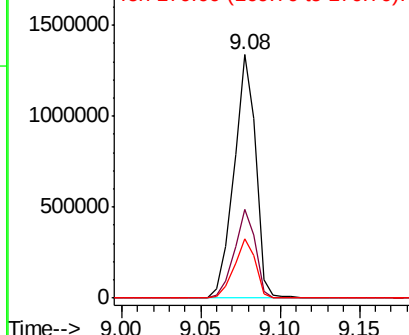


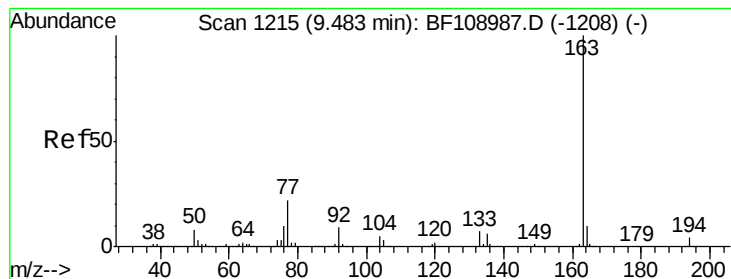
#44
 2-Fluorobiphenyl
 Concen: 99.942 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109169.D
 Acq: 20 Sep 2018 2:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	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: 6.835 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109169.D

Acq: 20 Sep 2018 2:49

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-U-B

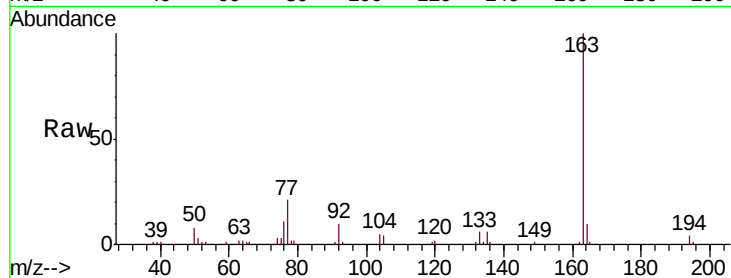
Tgt Ion:163 Resp: 97174

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

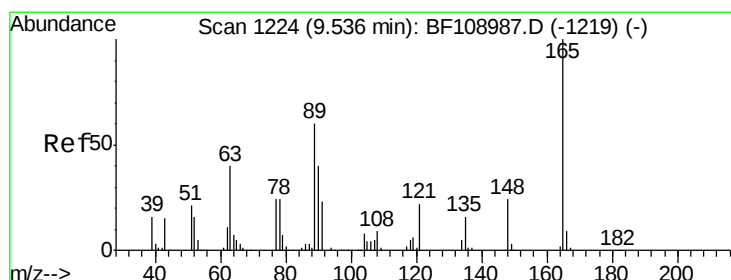
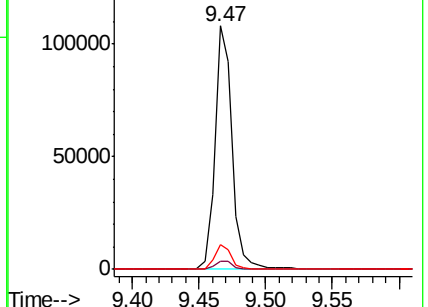
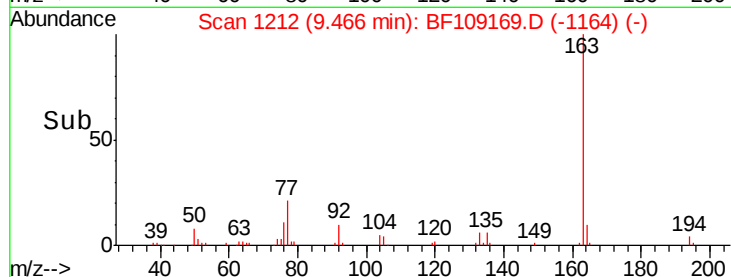
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.995 ng

RT: 9.75 min Scan# 1260

Delta R.T. 0.21 min

Lab File: BF109169.D

Acq: 20 Sep 2018 2:49

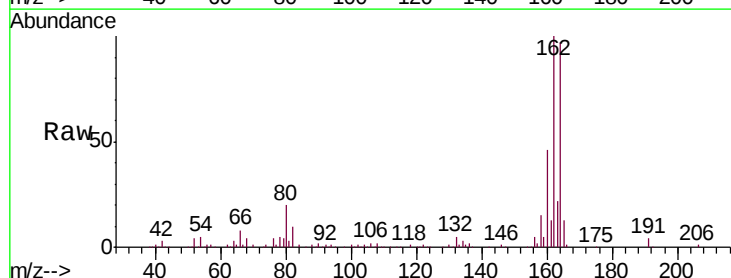
Tgt Ion:165 Resp: 25207

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

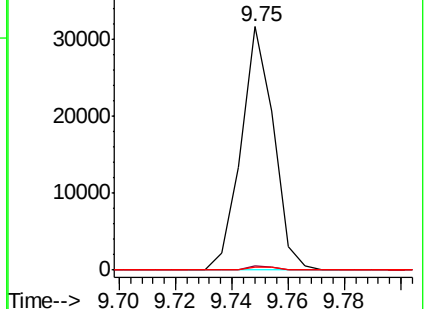
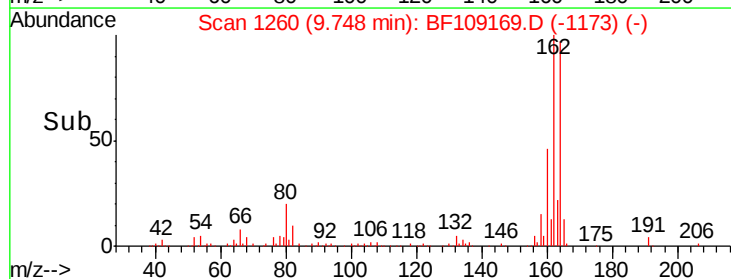
89 1.3 44.0 66.0#

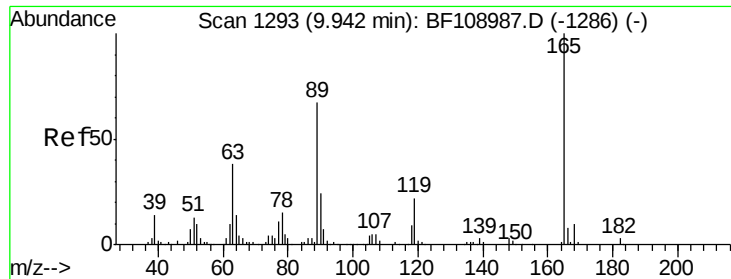


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

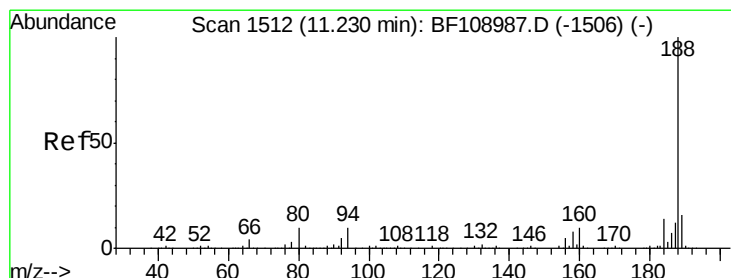
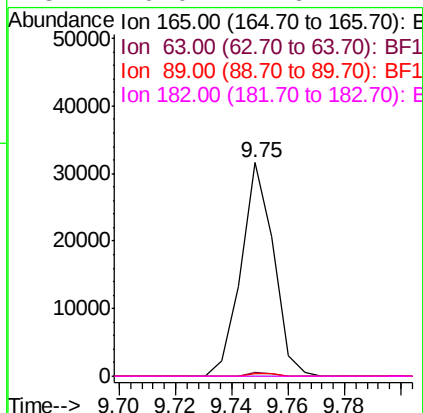
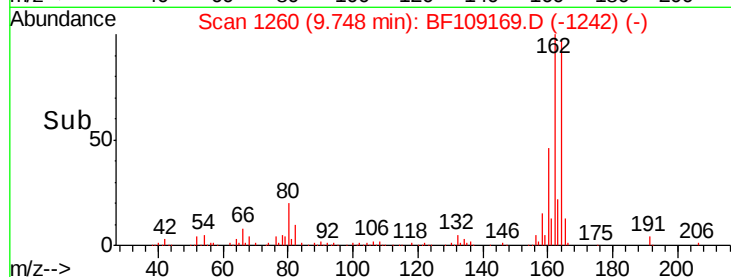
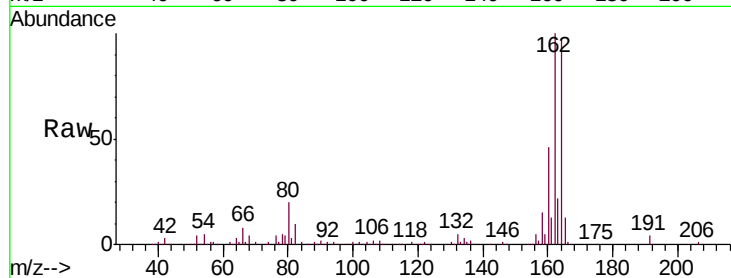




#56
 2,4-Dinitrotoluene
 Concen: 6.113 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109169.D
 Acq: 20 Sep 2018 2:49

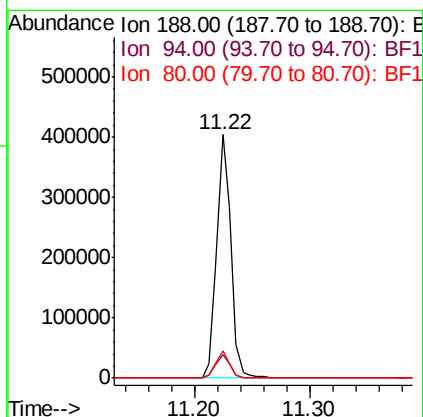
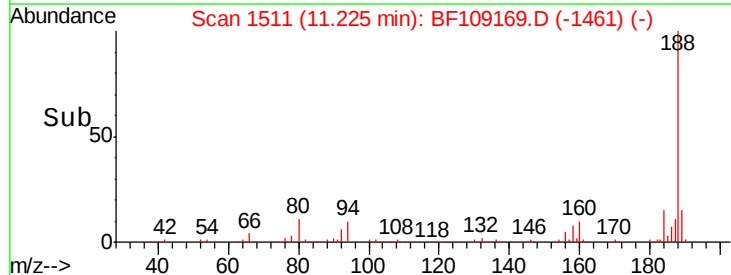
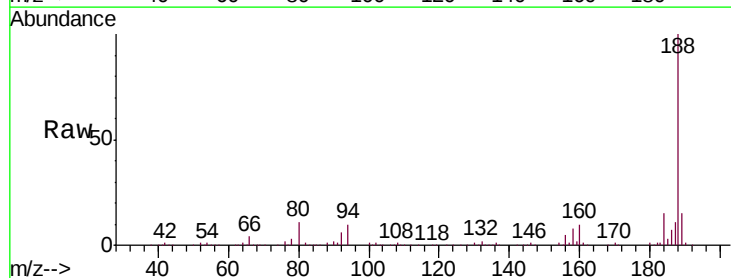
Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-U-B

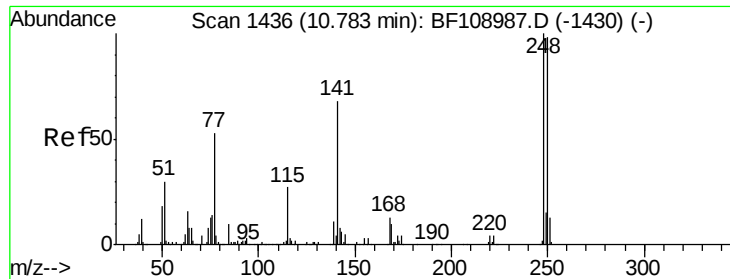
Tgt Ion:	165	Resp:	25207
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109169.D
 Acq: 20 Sep 2018 2:49

Tgt Ion:	188	Resp:	346315
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.0	9.2	13.8

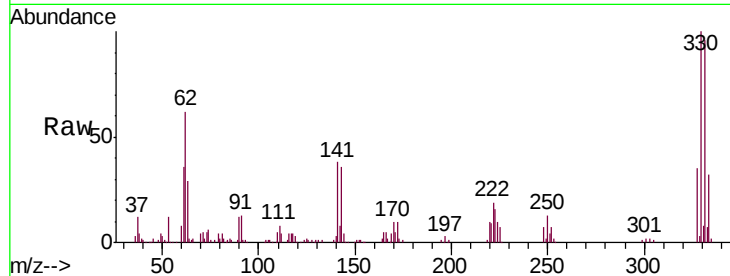




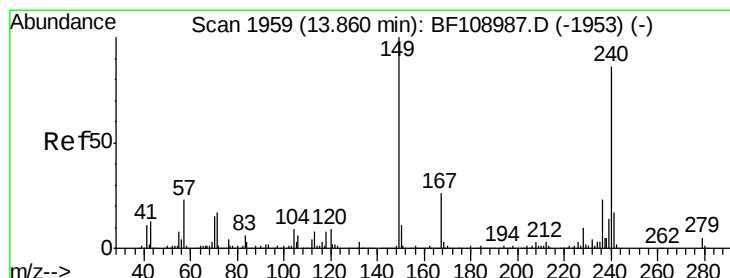
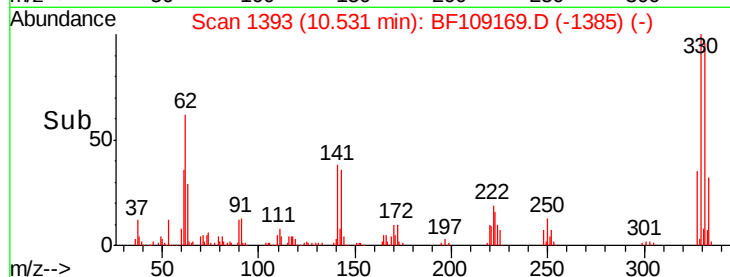
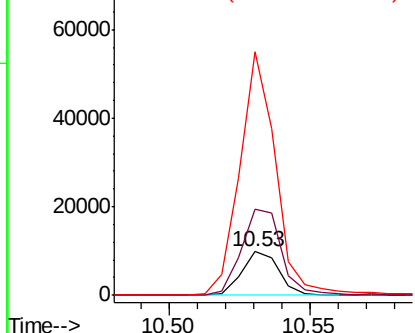
#66
 4-Bromophenyl-phenylether
 Concen: 2.300 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109169.D
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Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-U-B

Tgt Ion:248 Resp: 8981
 Ion Ratio Lower Upper
 248 100
 250 199.3 76.9 115.3#
 141 561.6 74.4 111.6#

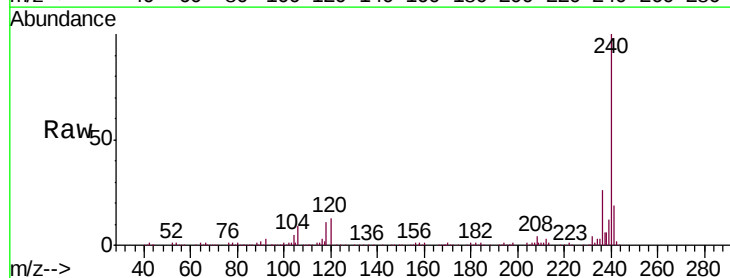


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

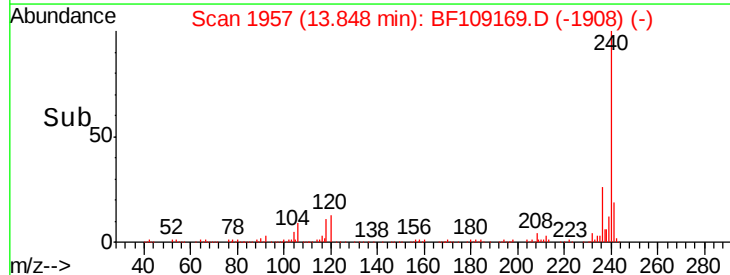
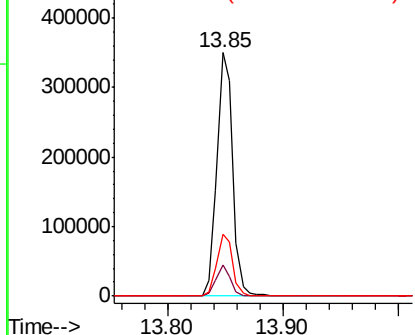


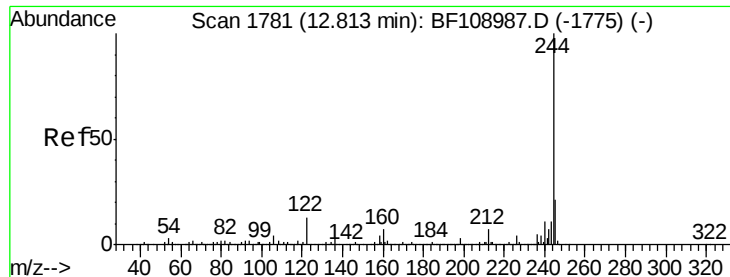
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109169.D
 Acq: 20 Sep 2018 2:49

Tgt Ion:240 Resp: 331064
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 25.6 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

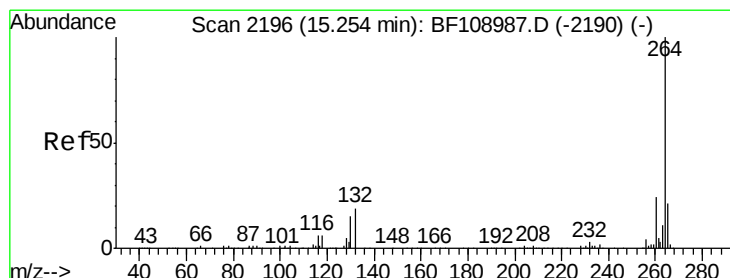
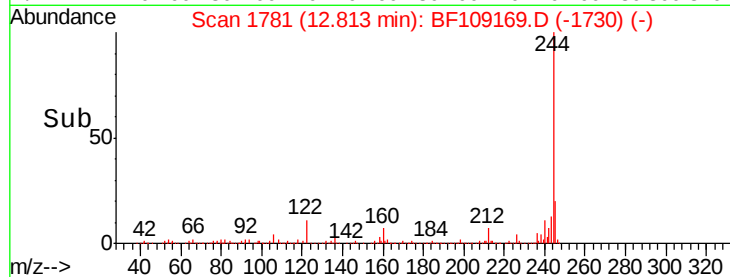
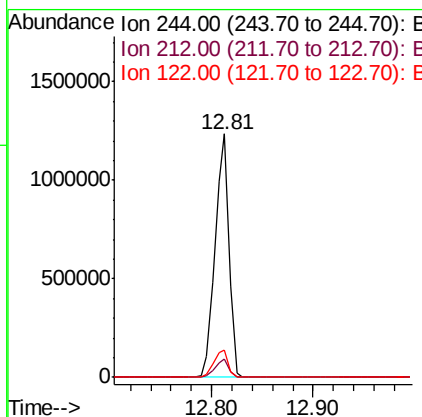
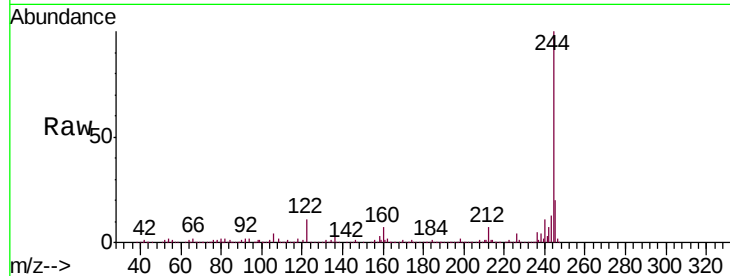




#78
 Terphenyl-d14
 Concen: 84.302 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF109169.D
 Acq: 20 Sep 2018 2:49

Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-U-B

Tgt Ion:244 Resp: 1177472
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 11.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF109169.D
 Acq: 20 Sep 2018 2:49

Tgt Ion:264 Resp: 282369
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.2 17.5 26.3

