

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109503.D
 Acq On : 2 Oct 2018 16:04
 Operator : JU/SJ
 Sample : J5186-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-B

Quant Time: Oct 03 03:07:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

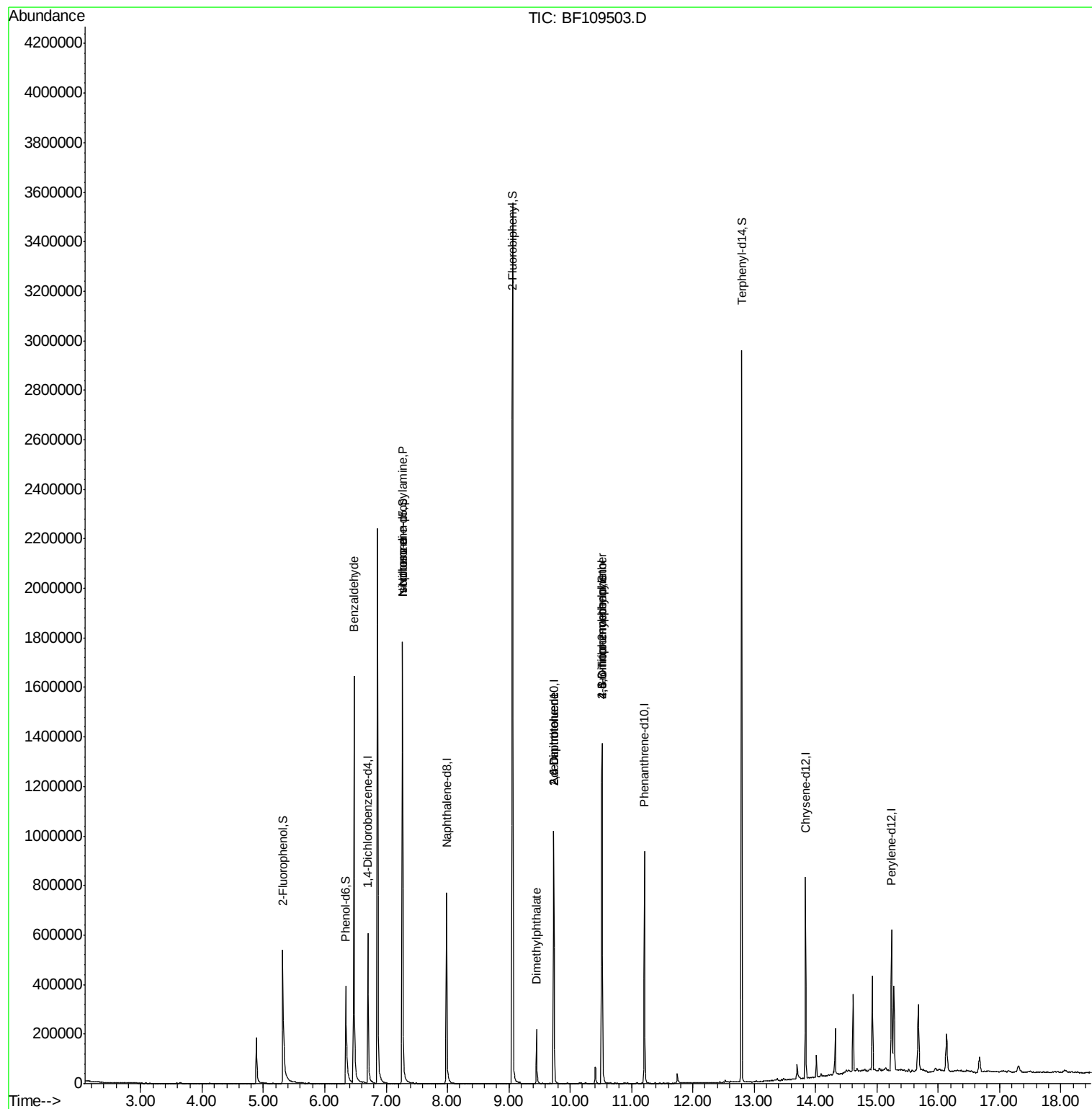
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105663	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	407466	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	191744	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	348316	20.00	ng	0.00
75) Chrysene-d12	13.84	240	266930	20.00	ng	0.00
86) Perylene-d12	15.24	264	267844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	254009	39.59	ng	0.00
7) Phenol-d6	6.35	99	201909	24.67	ng	-0.01
23) Nitrobenzene-d5	7.27	82	666145	96.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	180287	95.38	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1167204	91.81	ng	-0.01
78) Terphenyl-d14	12.80	244	1059181	97.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	10926	2.078	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	90432	16.859	ng	# 78
25) Isophorone	7.27	82	640133	51.501	ng	# 64
49) Dimethylphthalate	9.45	163	96195	6.898	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	24235	8.774	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	24235	6.935	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	267	6.685	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10941	2.829	ng	# 1

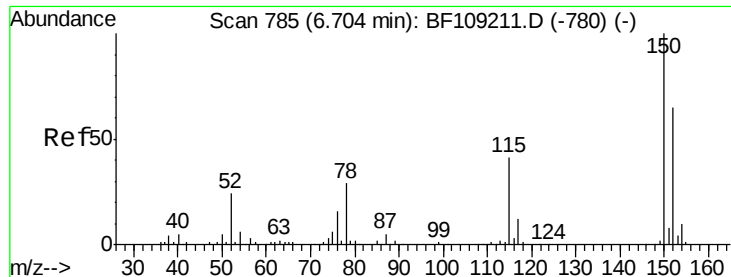
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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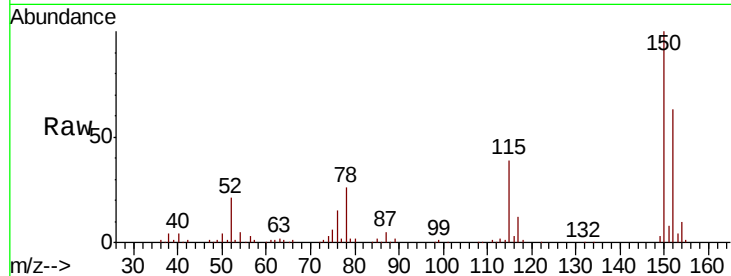




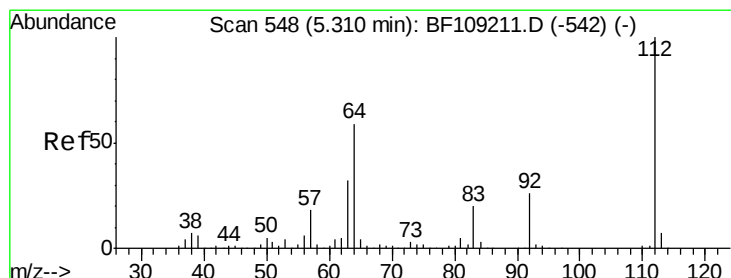
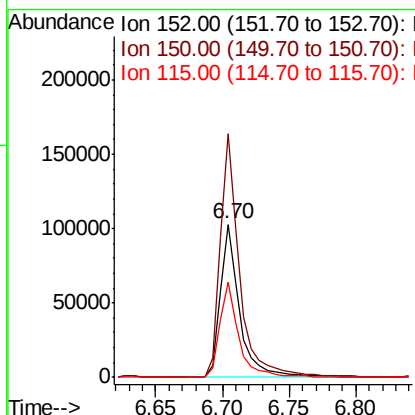
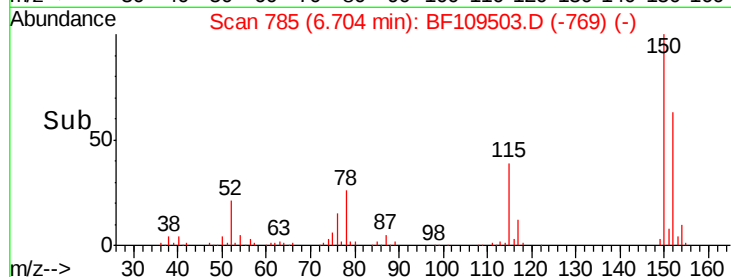
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109503.D
 Acq: 2 Oct 2018 16:04

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-B

Tgt Ion:152 Resp: 105663
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.6 186.8
 115 61.8 50.1 75.1

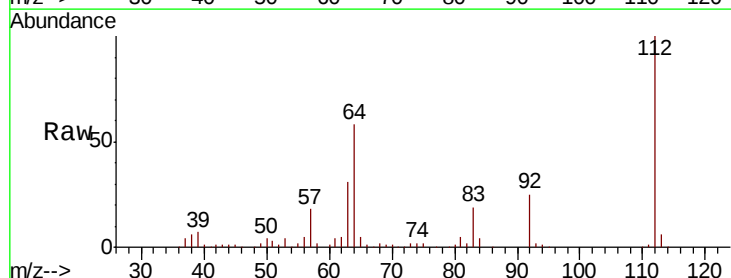


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

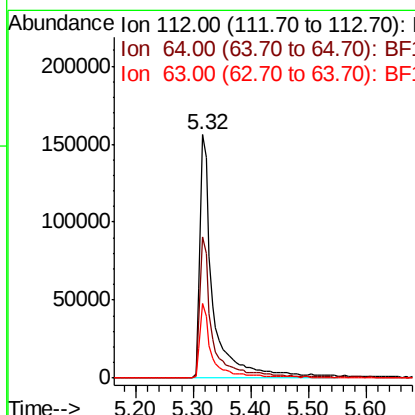
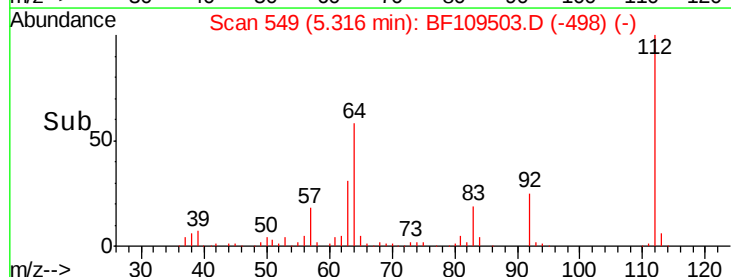


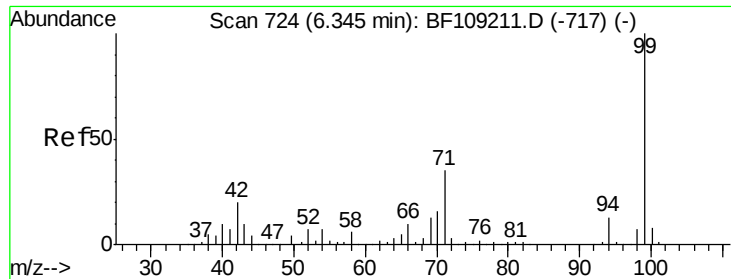
#5
 2-Fluorophenol
 Concen: 39.595 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109503.D
 Acq: 2 Oct 2018 16:04

Tgt Ion:112 Resp: 254009
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.9 71.9
 63 30.6 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: 24.665 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109503.D

Acq: 2 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

092718-SIDI-F-D-B

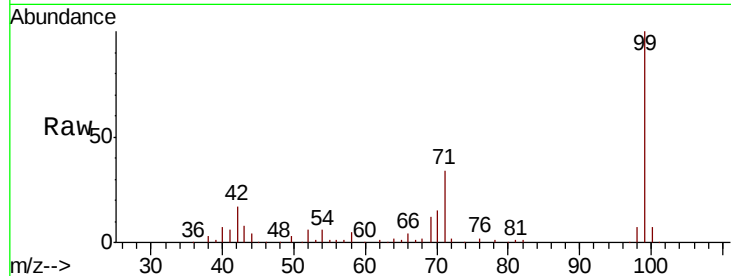
Tgt Ion: 99 Resp: 201909

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

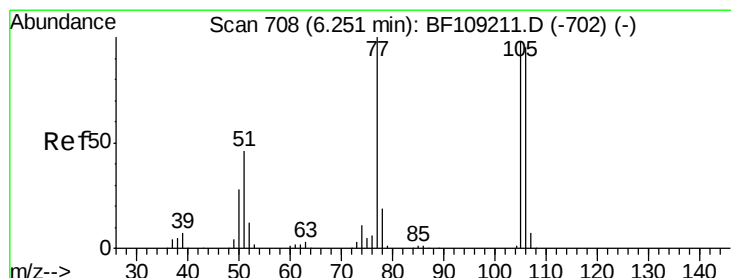
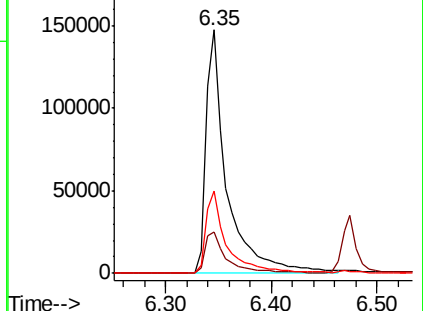
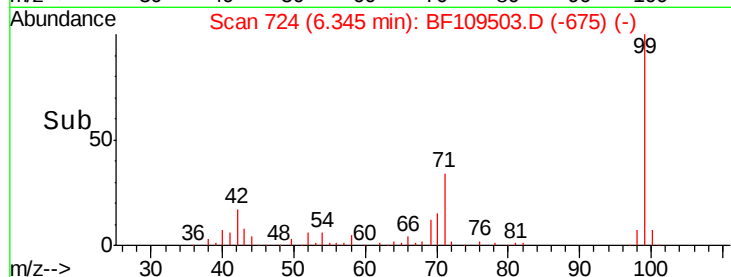
71 33.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.078 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109503.D

Acq: 2 Oct 2018 16:04

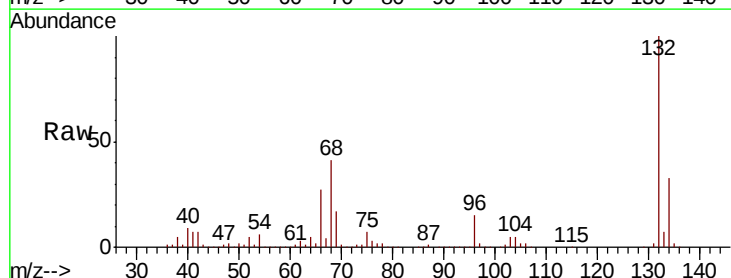
Tgt Ion: 77 Resp: 10926

Ion Ratio Lower Upper

77 100

105 75.0 81.1 121.1#

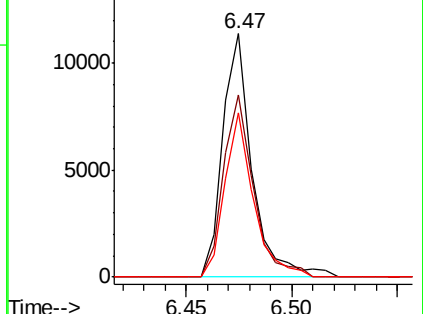
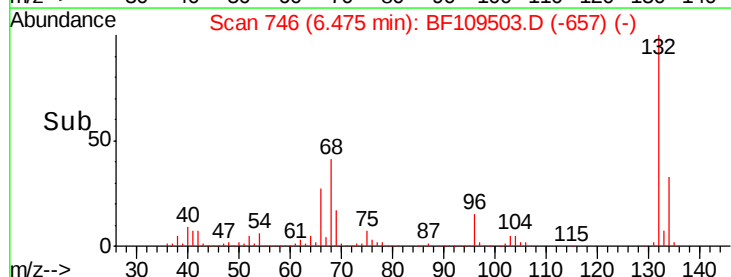
106 67.7 74.5 114.5#

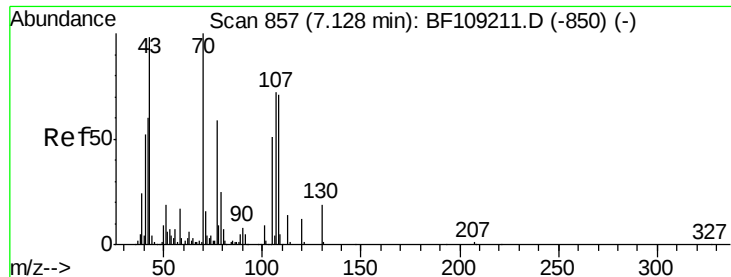


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

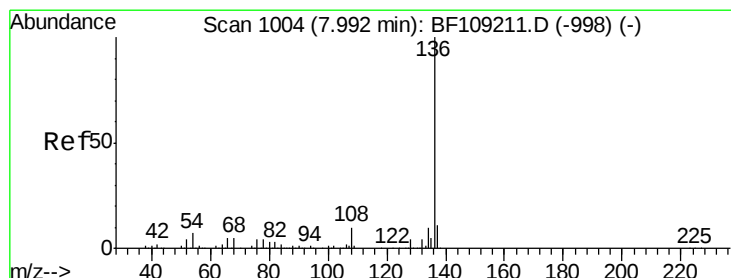
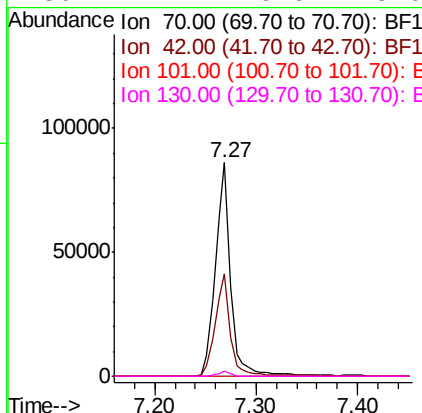
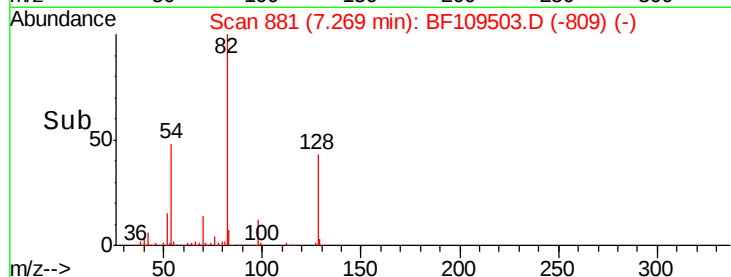
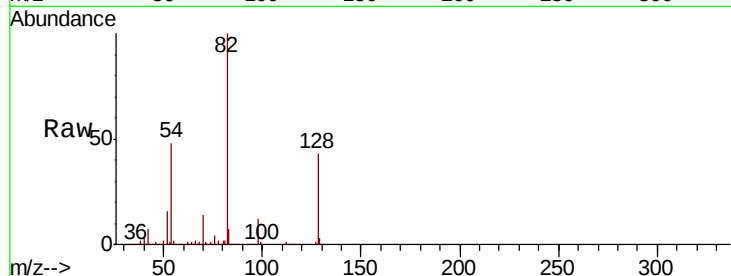




#19
n-Nitroso-di-n-propylamine
Concen: 16.859 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109503.D
Acq: 2 Oct 2018 16:04

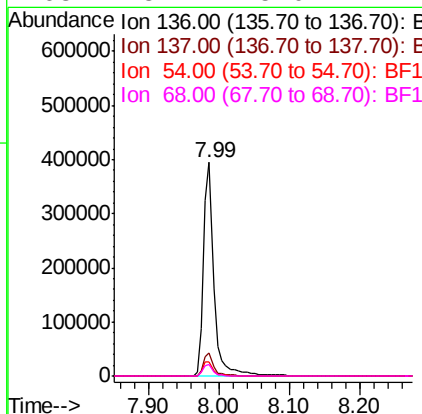
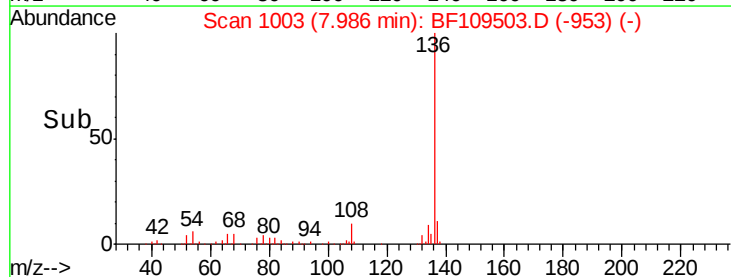
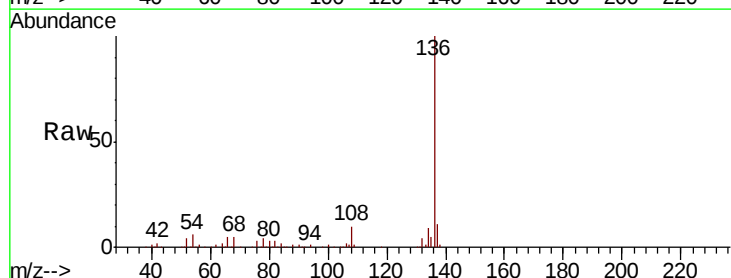
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092718-SIDI-F-D-B

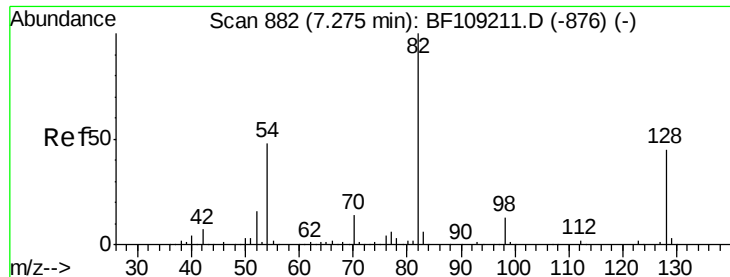
Tgt Ion: 70 Resp: 90432
Ion Ratio Lower Upper
70 100
42 47.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109503.D
Acq: 2 Oct 2018 16:04

Tgt Ion: 136 Resp: 407466
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.4 6.6 9.8#
68 5.4 5.0 7.4

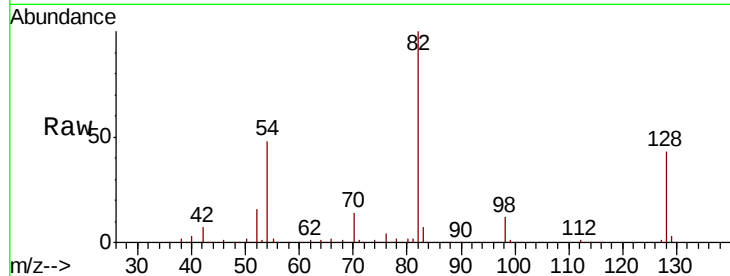




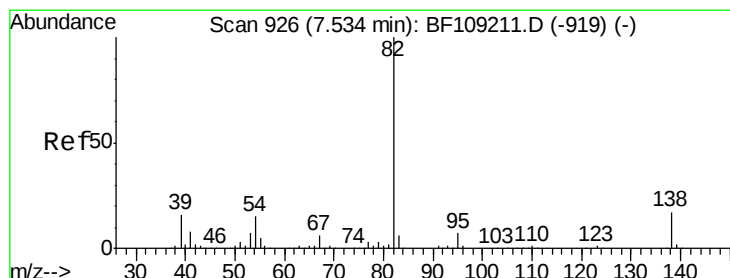
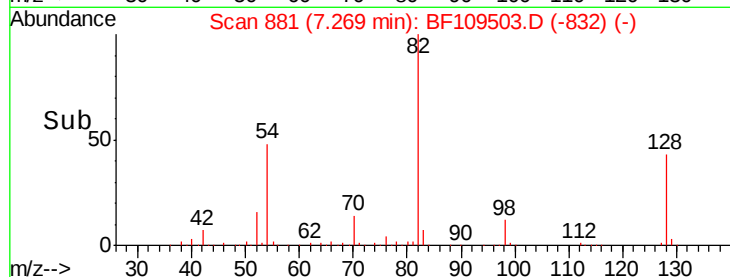
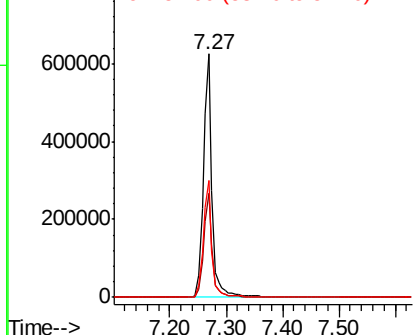
#23
 Nitrobenzene-d5
 Concen: 96.508 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109503.D
 Acq: 2 Oct 2018 16:04

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-B

Tgt Ion: 82 Resp: 666145
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.1 54.1
 54 48.1 41.4 62.2

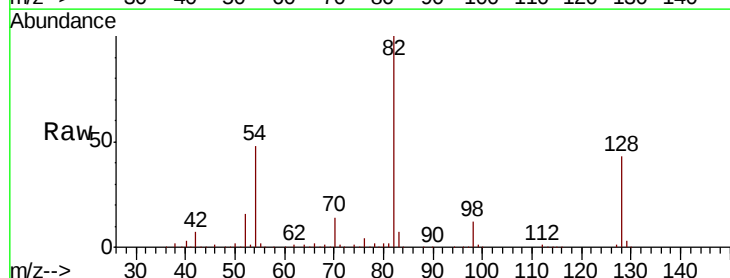


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

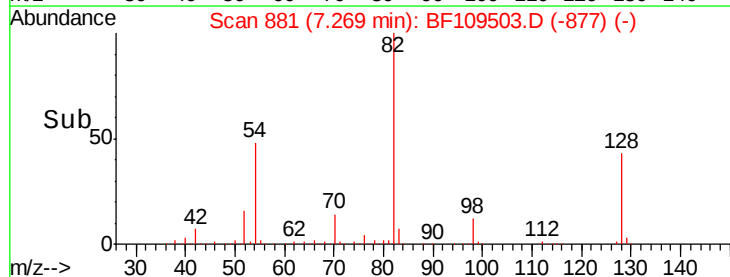
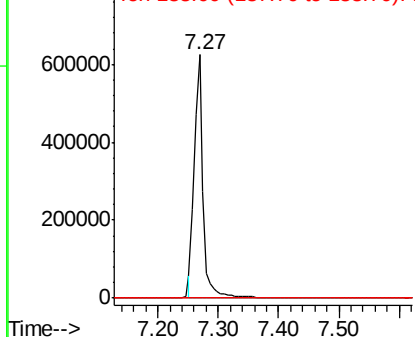


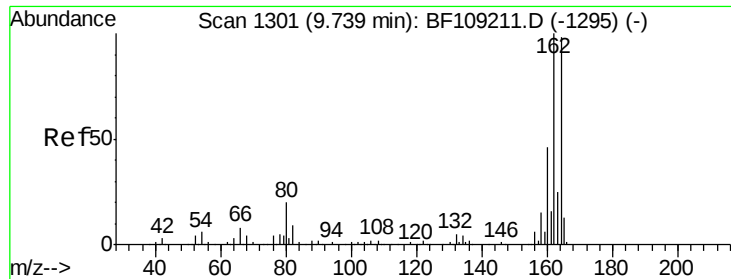
#25
 Isophorone
 Concen: 51.501 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109503.D
 Acq: 2 Oct 2018 16:04

Tgt Ion: 82 Resp: 640133
 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

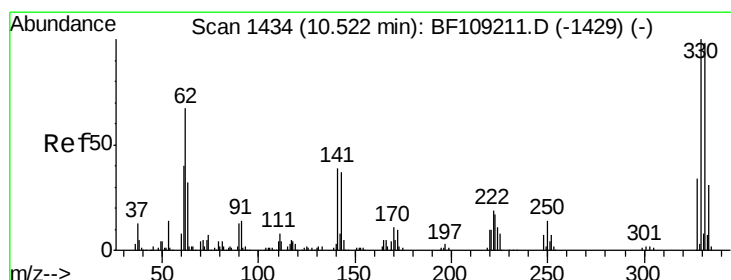
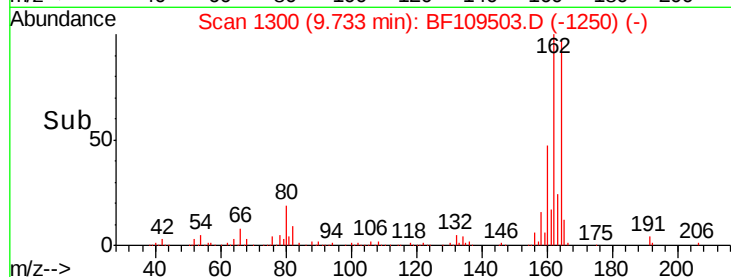
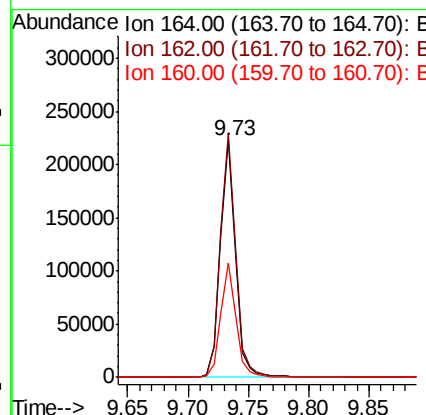
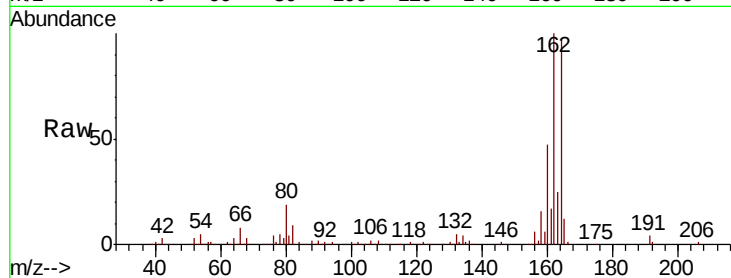




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109503.D
 Acq: 2 Oct 2018 16:04

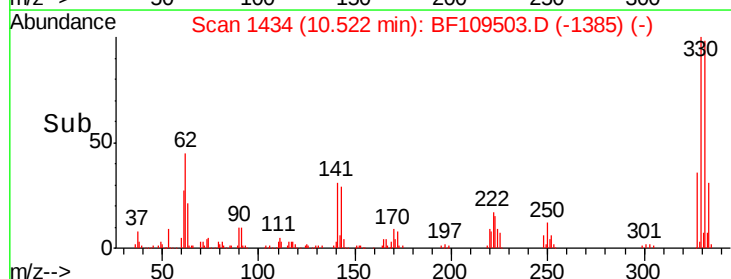
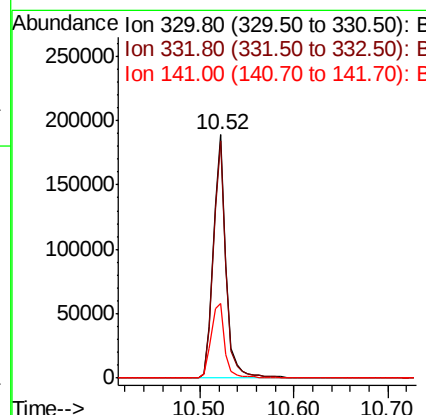
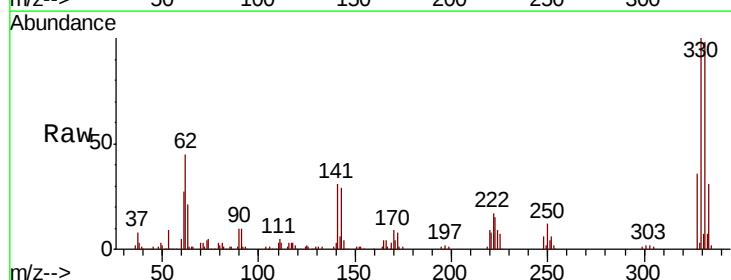
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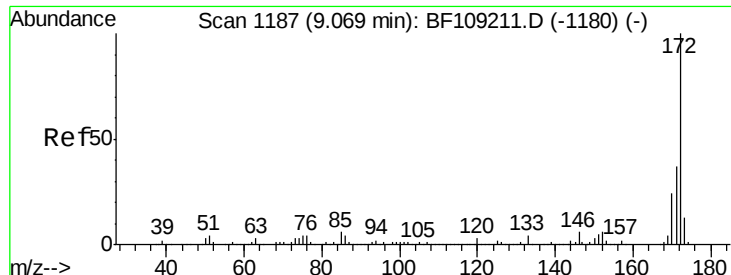
Tgt Ion:164 Resp: 191744
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 48.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 95.380 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109503.D
 Acq: 2 Oct 2018 16:04

Tgt Ion:330 Resp: 180287
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 33.2 29.9 44.9

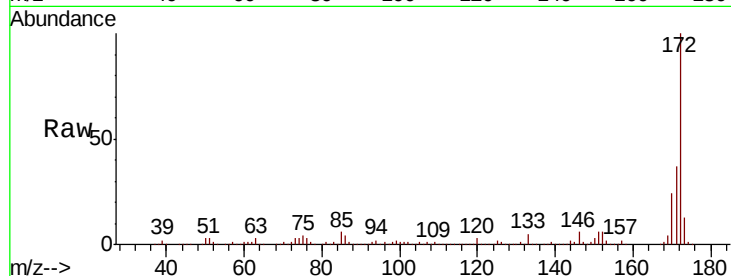




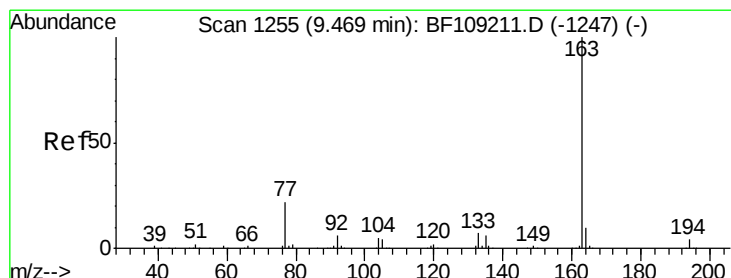
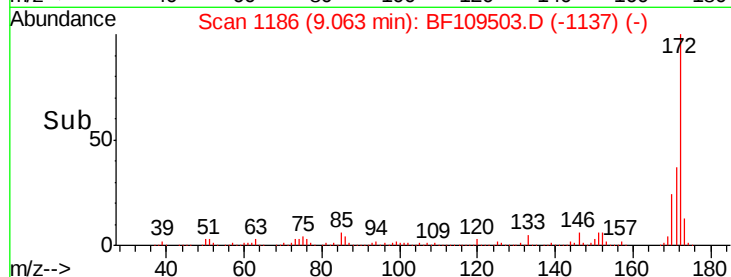
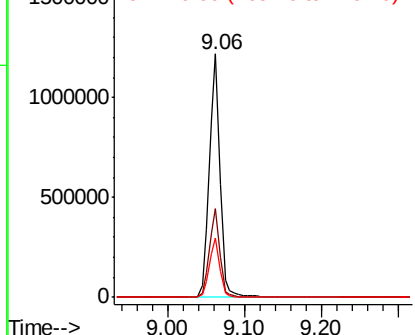
#44
2-Fluorobiphenyl
Concen: 91.808 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109503.D
Acq: 2 Oct 2018 16:04

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-B

Tgt Ion:172 Resp: 1167204
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.1 19.6 29.4

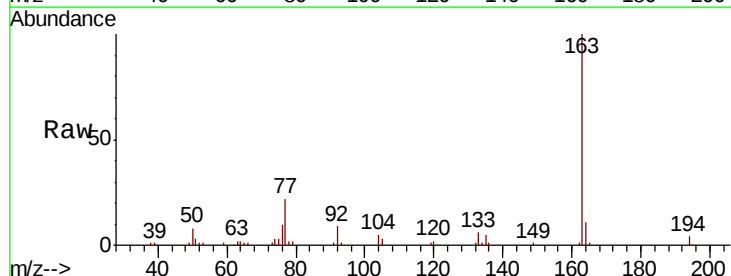


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

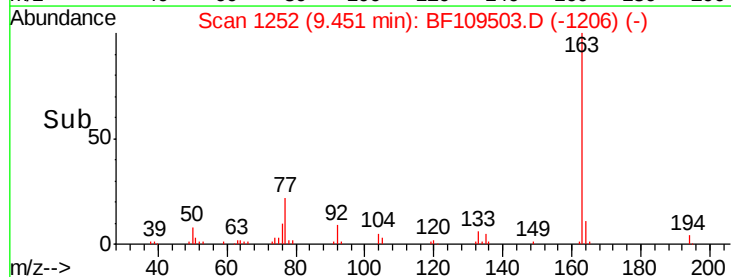
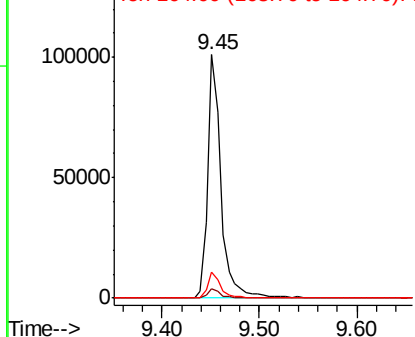


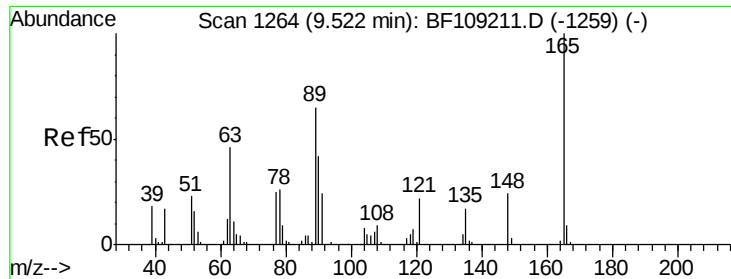
#49
Dimethylphthalate
Concen: 6.898 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109503.D
Acq: 2 Oct 2018 16:04

Tgt Ion:163 Resp: 96195
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 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

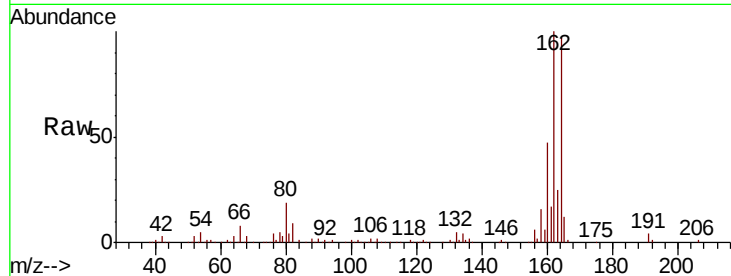




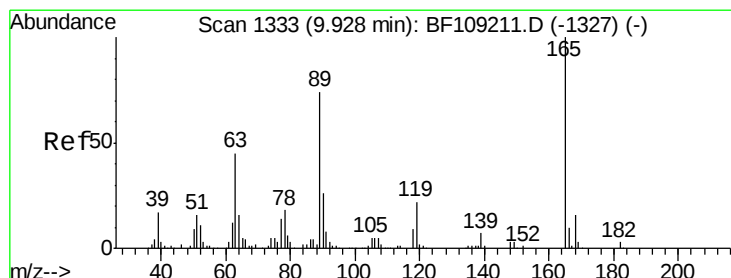
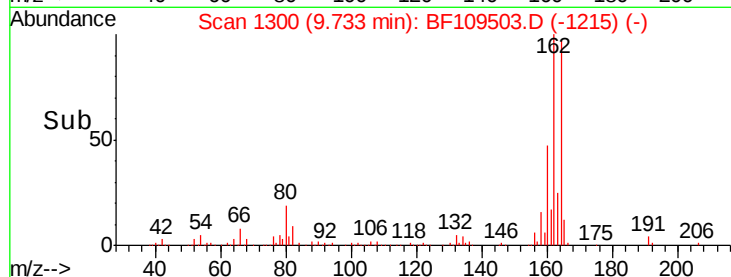
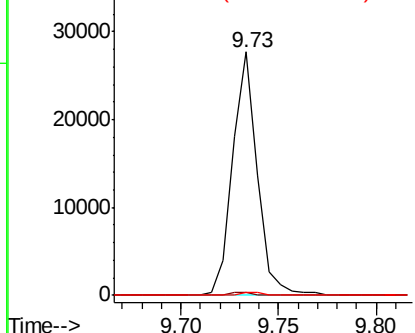
#50
 2,6-Dinitrotoluene
 Concen: 8.774 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109503.D
 Acq: 2 Oct 2018 16:04

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	44.0	66.0#



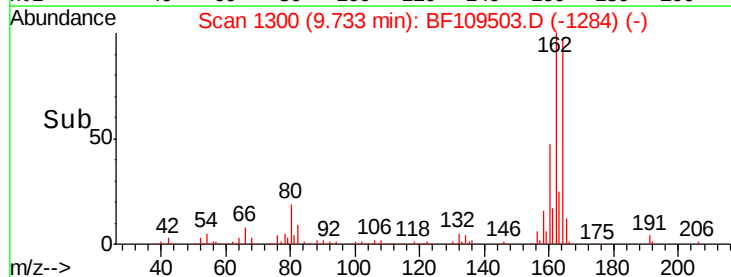
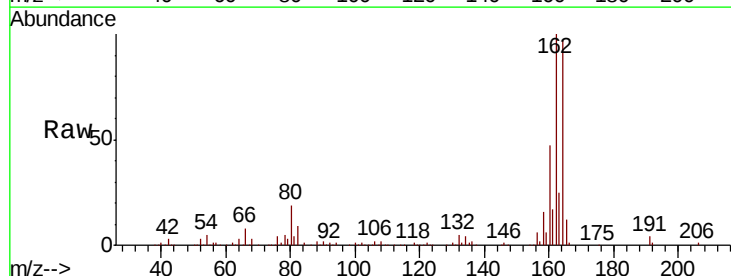
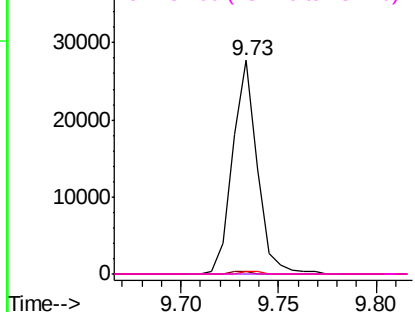
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

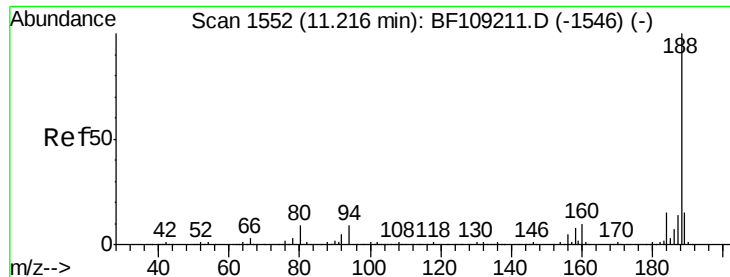


#56
 2,4-Dinitrotoluene
 Concen: 6.935 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109503.D
 Acq: 2 Oct 2018 16:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	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

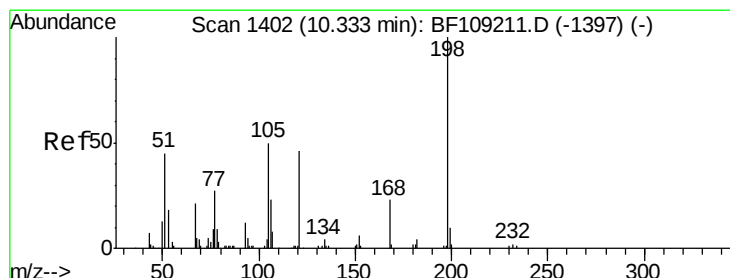
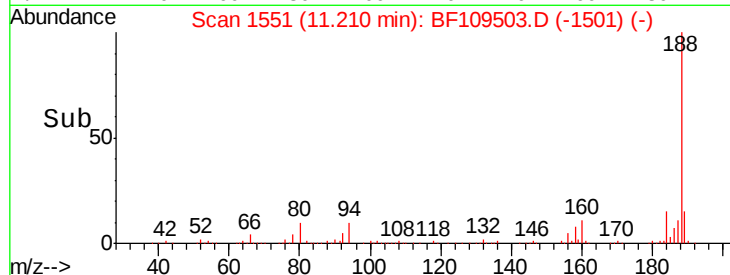
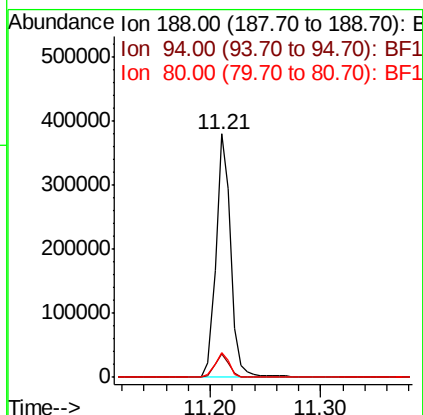
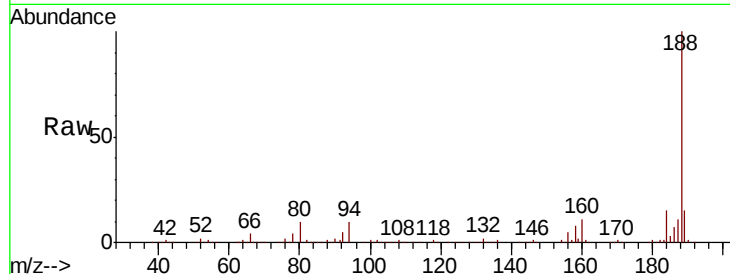




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109503.D
Acq: 2 Oct 2018 16:04

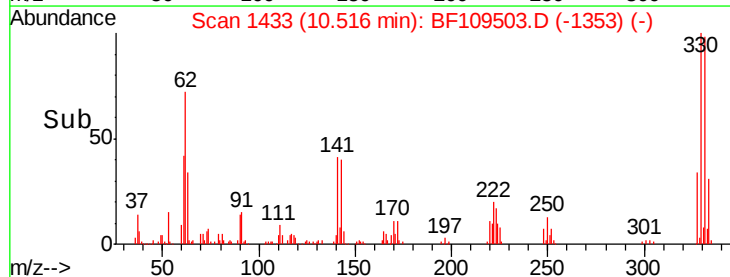
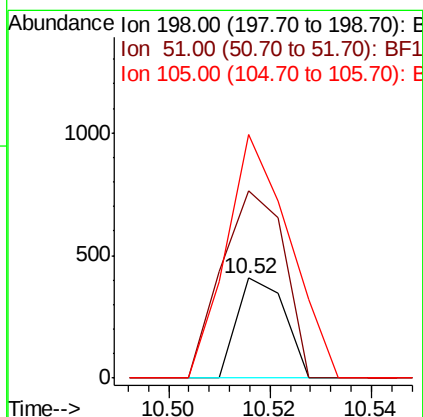
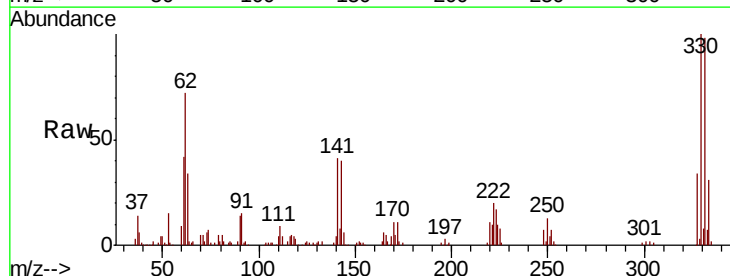
Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-B

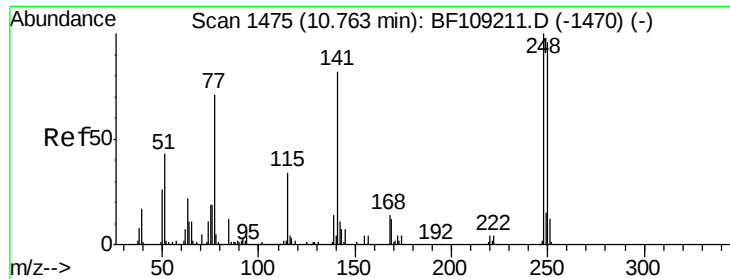
Tgt Ion:188 Resp: 348316
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.685 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109503.D
Acq: 2 Oct 2018 16:04

Tgt Ion:198 Resp: 267
Ion Ratio Lower Upper
198 100
51 188.0 37.7 77.7#
105 244.0 36.3 76.3#

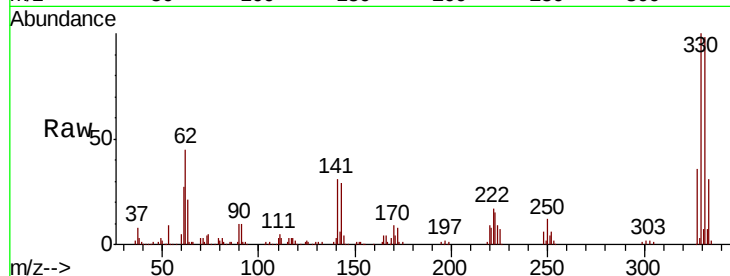




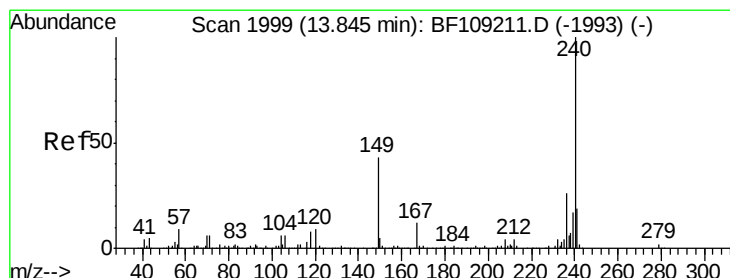
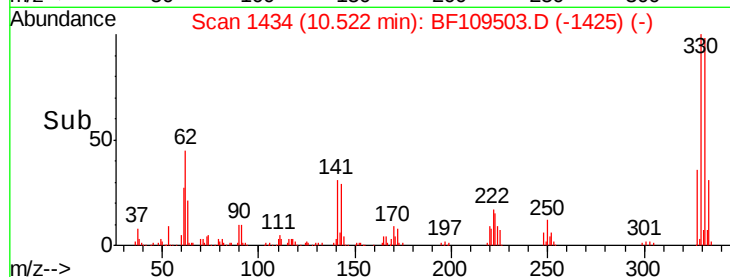
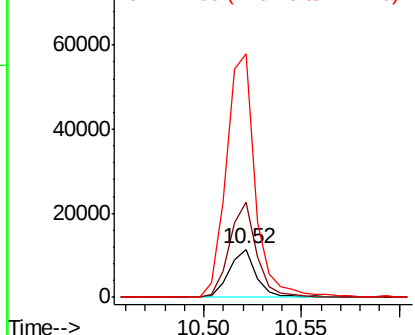
#66
4-Bromophenyl-phenylether
Concen: 2.829 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109503.D
Acq: 2 Oct 2018 16:04

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-B

Tgt Ion:248 Resp: 10941
Ion Ratio Lower Upper
248 100
250 197.6 76.9 115.3#
141 505.4 74.4 111.6#

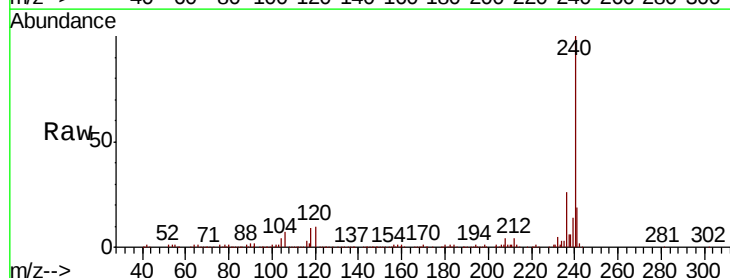


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

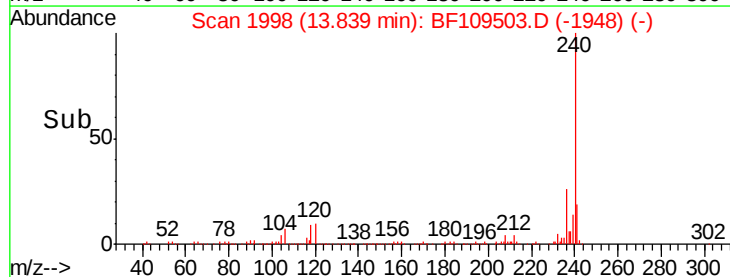
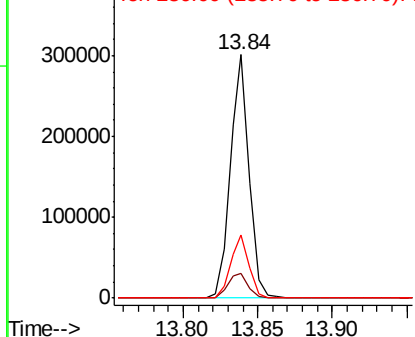


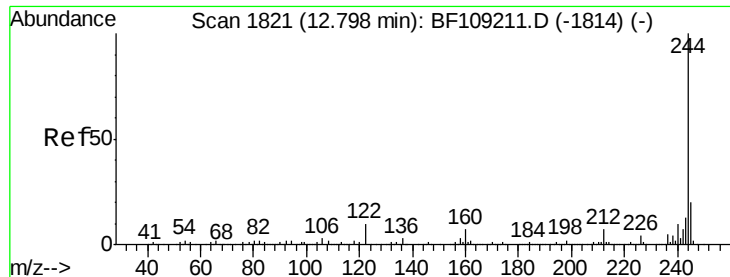
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109503.D
Acq: 2 Oct 2018 16:04

Tgt Ion:240 Resp: 266930
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 26.0 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: 97.381 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109503.D

Acq: 2 Oct 2018 16:04

Instrument :

BNA_F

ClientSampleId :

092718-SIDI-F-D-B

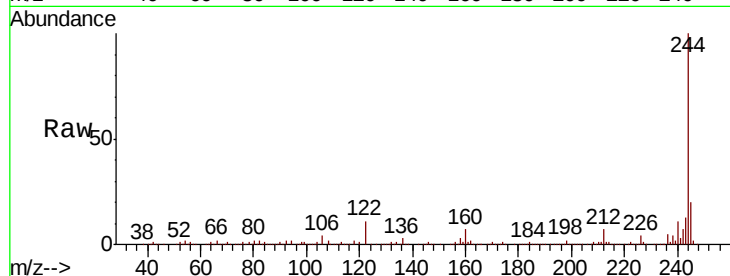
Tgt Ion:244 Resp: 1059181

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

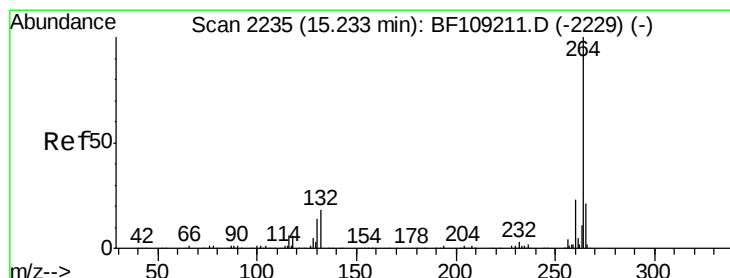
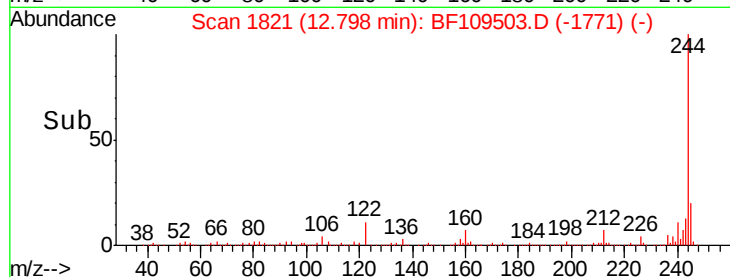
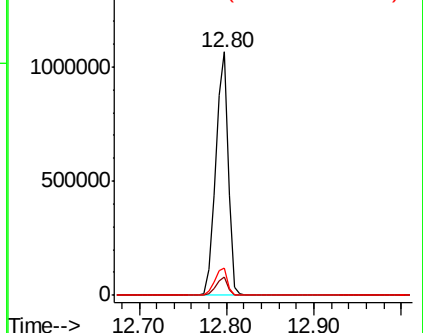
122 11.2 11.0 16.4



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109503.D

Acq: 2 Oct 2018 16:04

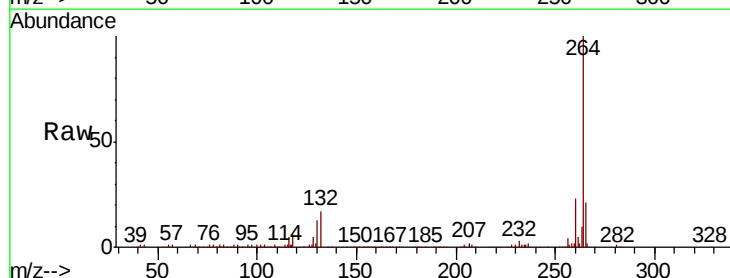
Tgt Ion:264 Resp: 267844

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.2 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

