

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109504.D
 Acq On : 2 Oct 2018 16:30
 Operator : JU/SJ
 Sample : J5186-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 03 03:07:33 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

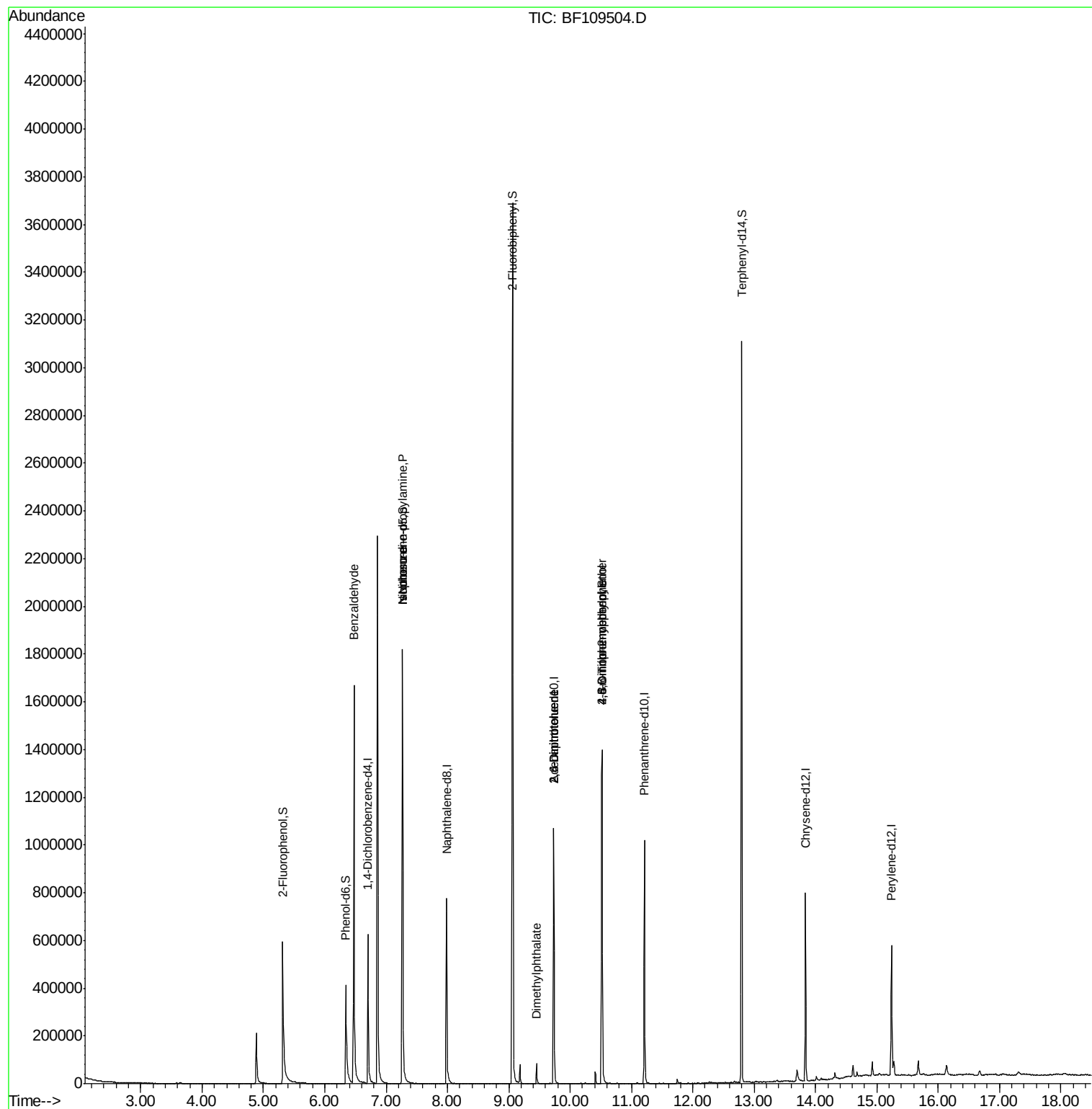
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	111607	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	423760	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	200902	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	379143	20.00	ng	0.00
75) Chrysene-d12	13.84	240	265483	20.00	ng	0.00
86) Perylene-d12	15.24	264	259158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	264564	39.04	ng	0.00
7) Phenol-d6	6.35	99	213437	24.68	ng	-0.01
23) Nitrobenzene-d5	7.27	82	696293	97.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	193060	97.48	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1228168	92.20	ng	-0.01
78) Terphenyl-d14	12.80	244	1105369	102.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	11692	2.105	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	94244	16.634	ng	# 78
25) Isophorone	7.27	82	665318	51.469	ng	# 64
49) Dimethylphthalate	9.45	163	40031	2.740	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	25026	8.648	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	25026	6.834	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	333	6.709	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11733	2.787	ng	# 1

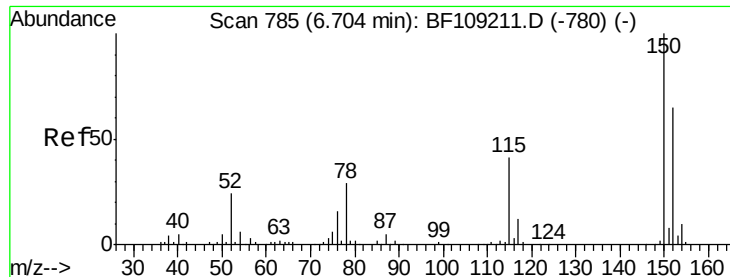
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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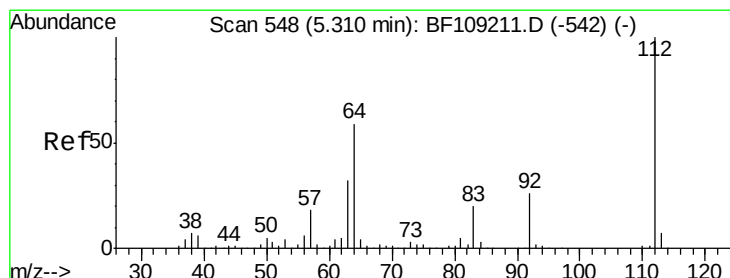
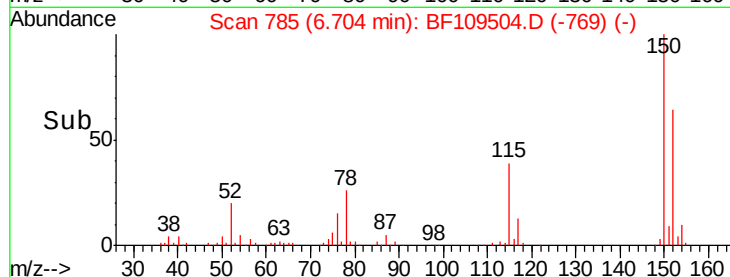
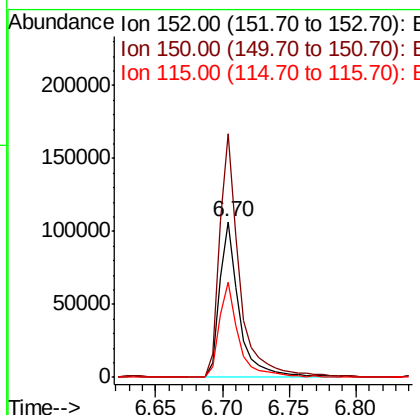
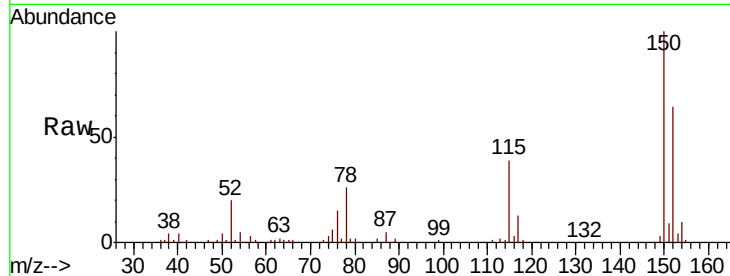




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

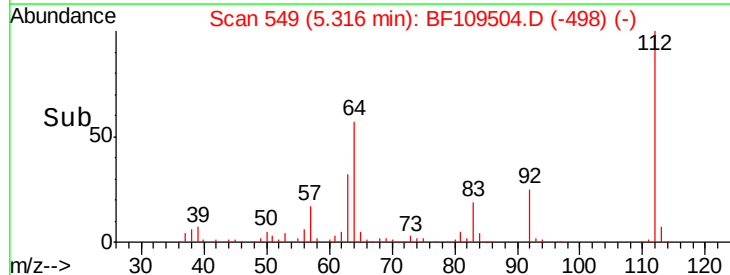
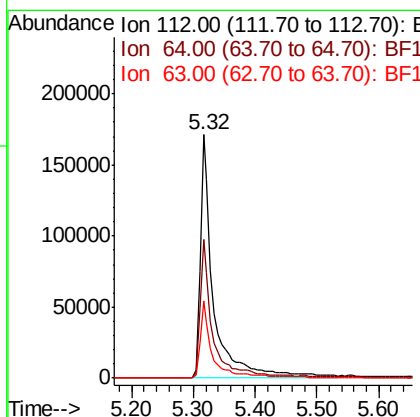
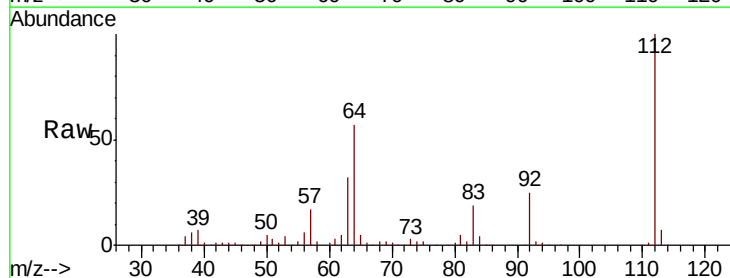
Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-M

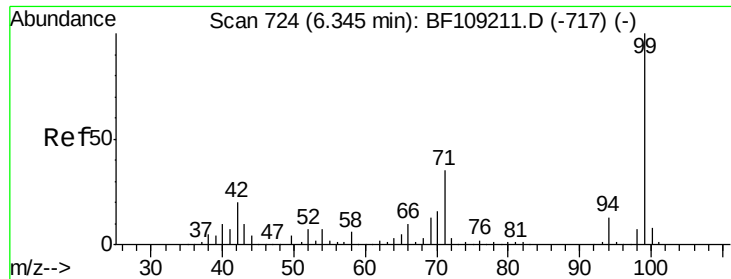
Tgt Ion:152 Resp: 111607
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 60.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 39.044 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

Tgt Ion:112 Resp: 264564
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 31.7 23.7 35.5





#7

Phenol-d6

Concen: 24.685 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

Instrument :

BNA_F

ClientSampleId :

092718-SIDI-F-D-M

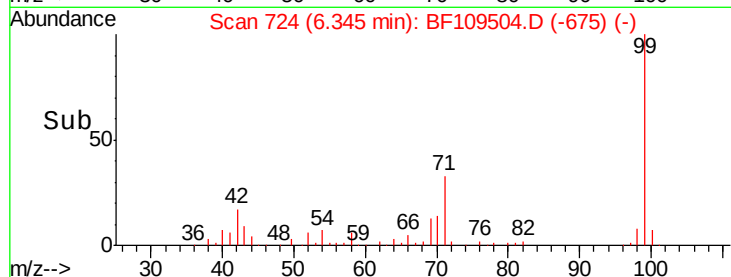
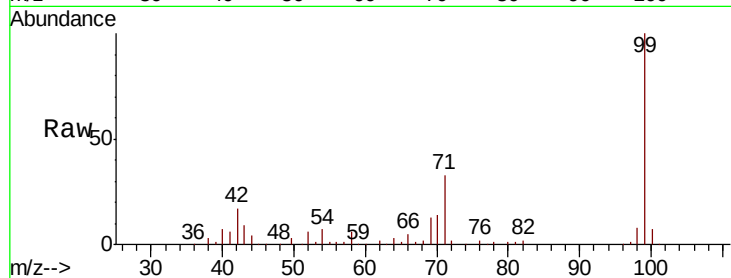
Tgt Ion: 99 Resp: 213437

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

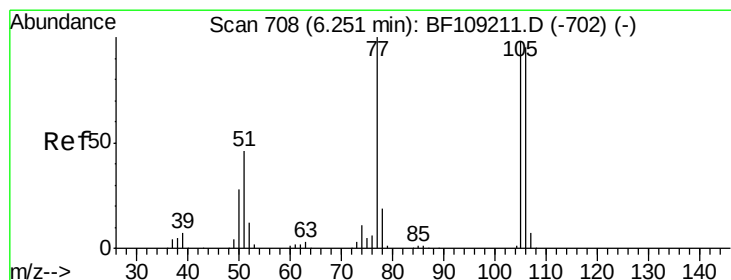
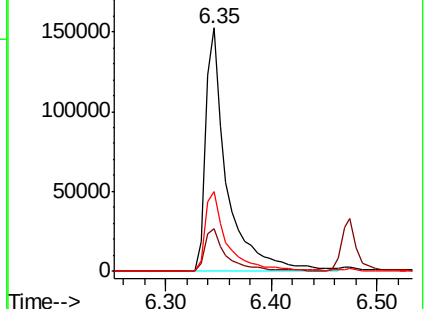
71 32.9 25.4 38.0



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: 2.105 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

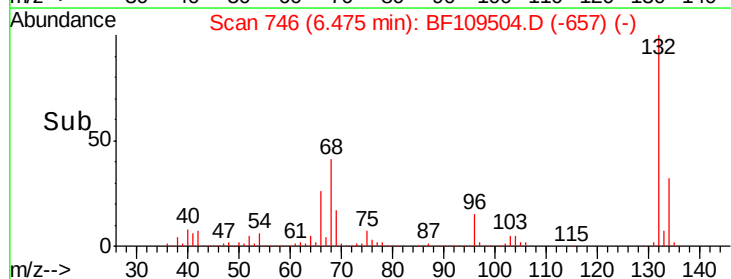
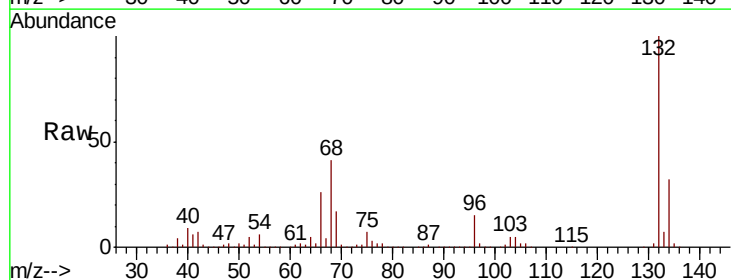
Tgt Ion: 77 Resp: 11692

Ion Ratio Lower Upper

77 100

105 77.5 81.1 121.1#

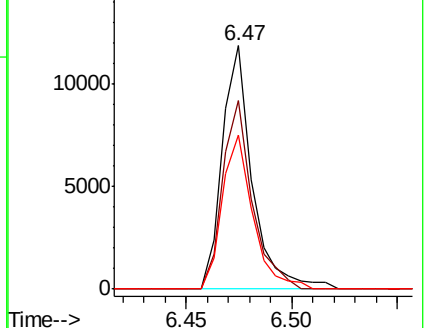
106 63.4 74.5 114.5#

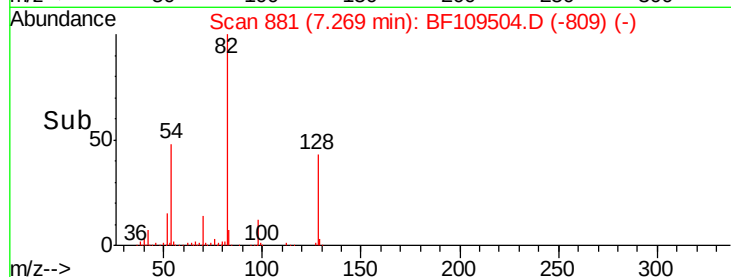
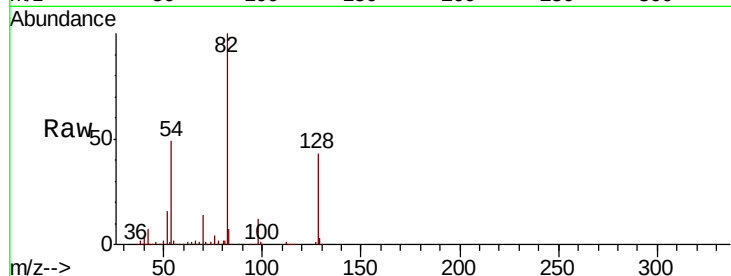
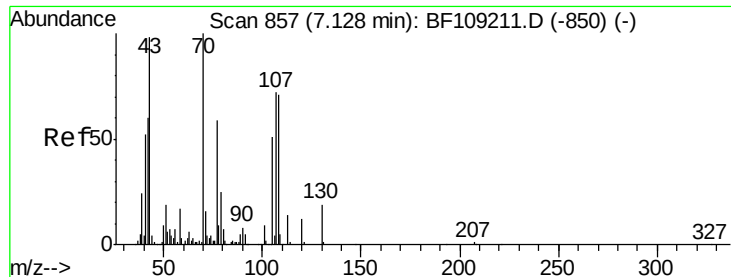


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

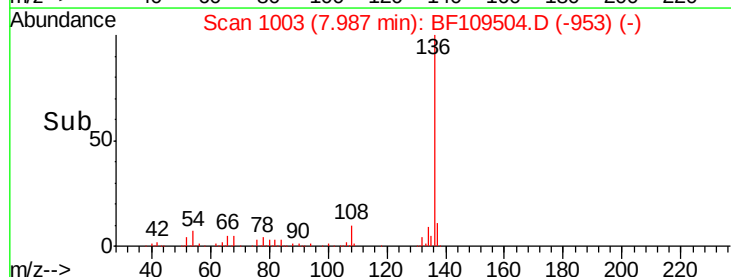
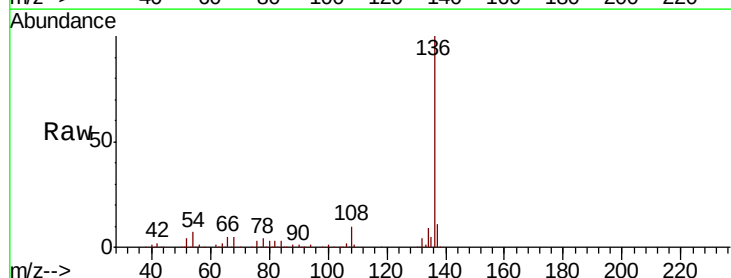
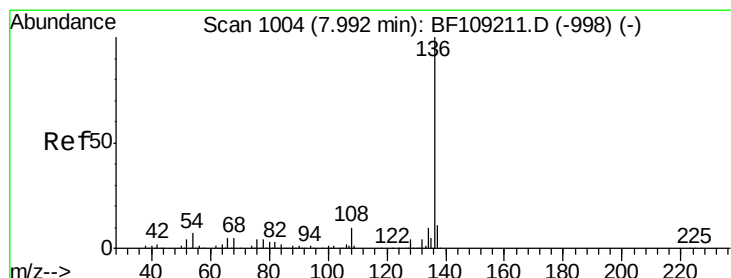
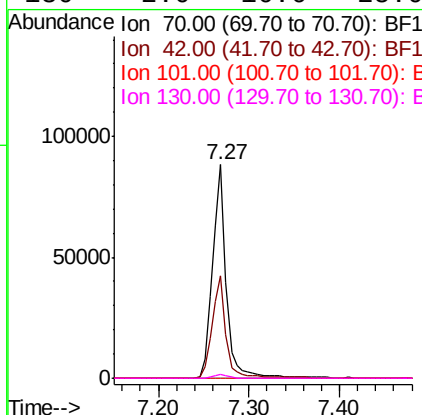




#19
n-Nitroso-di-n-propylamine
Concen: 16.634 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

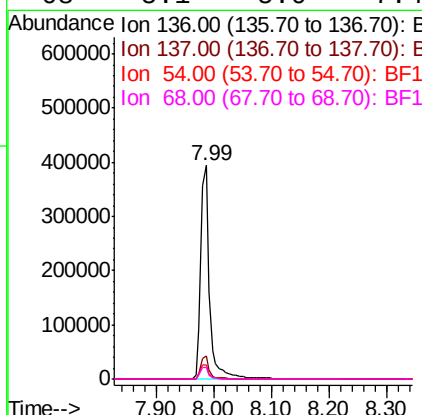
Instrument :
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ClientSampleId :
092718-SIDI-F-D-M

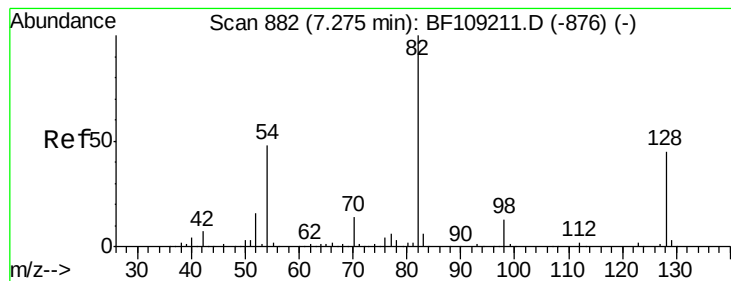
Tgt Ion: 70 Resp: 94244
Ion Ratio Lower Upper
70 100
42 47.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion: 136 Resp: 423760
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.6 9.8
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.996 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

Instrument :

BNA_F

ClientSampleId :

092718-SIDI-F-D-M

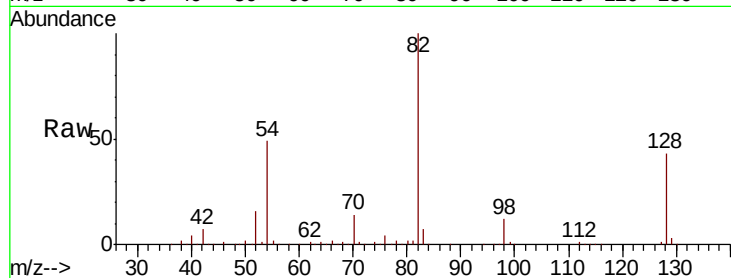
Tgt Ion: 82 Resp: 696293

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

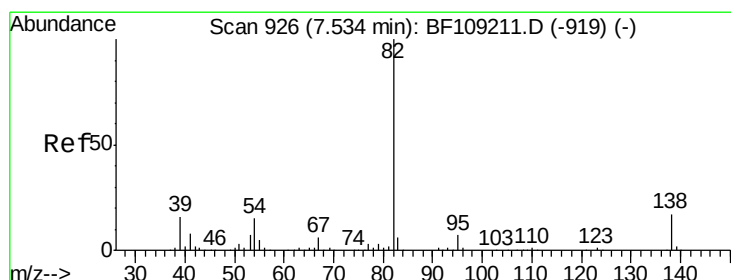
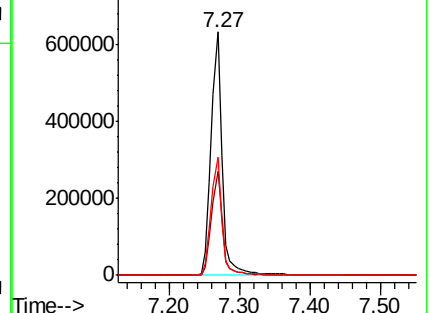
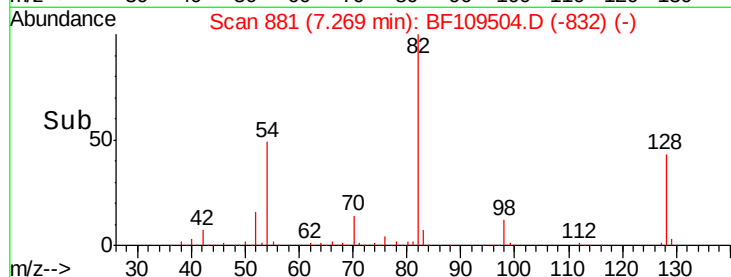
54 48.6 41.4 62.2



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: 51.469 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

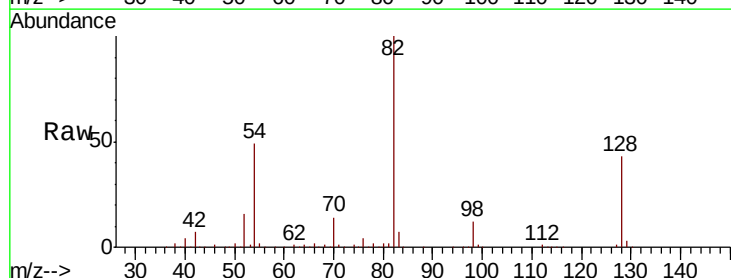
Tgt Ion: 82 Resp: 665318

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

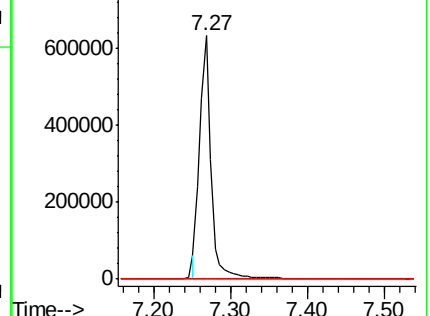
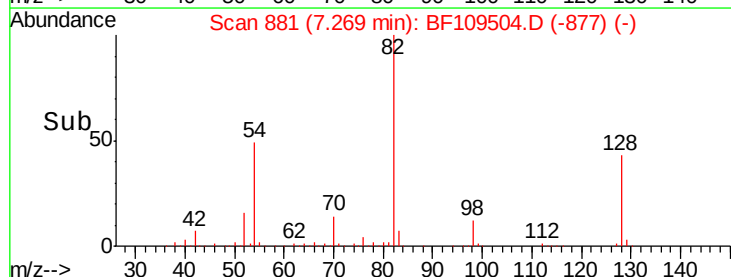
138 0.0 14.9 22.3#

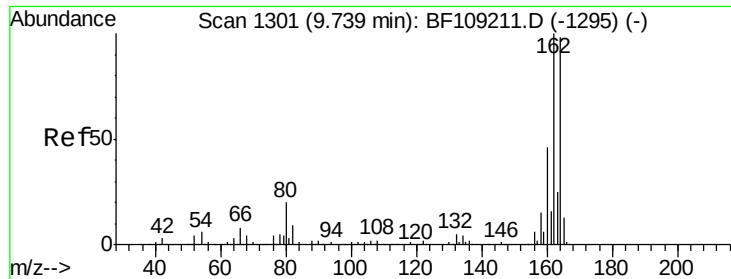


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

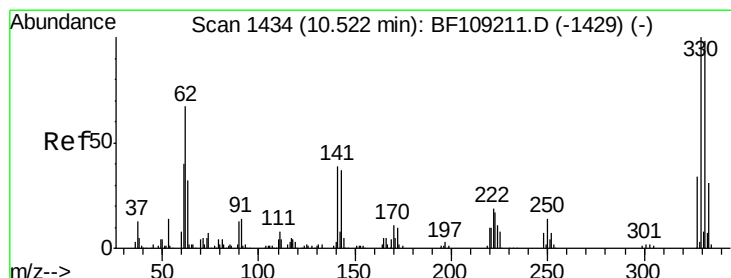
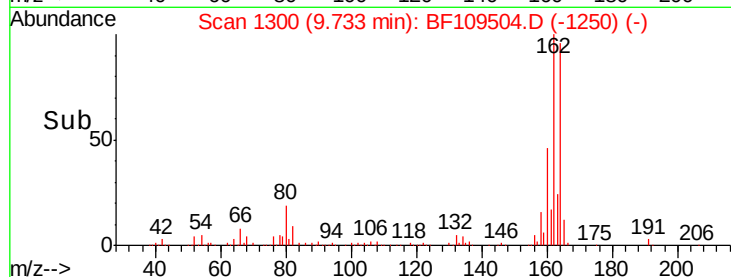
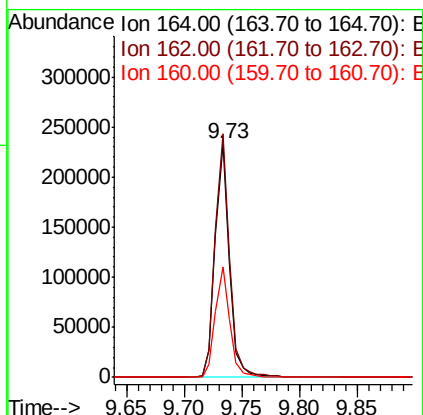
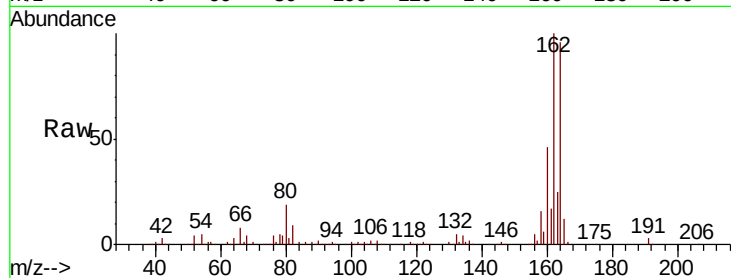




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

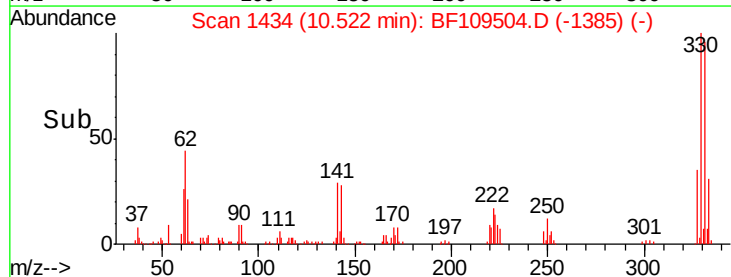
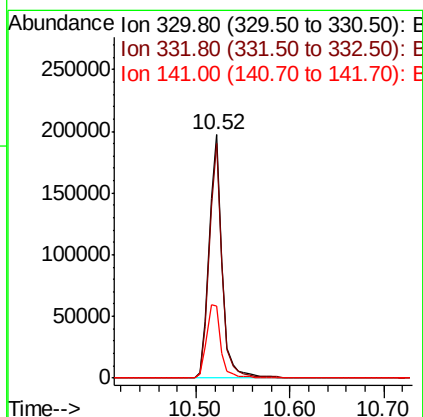
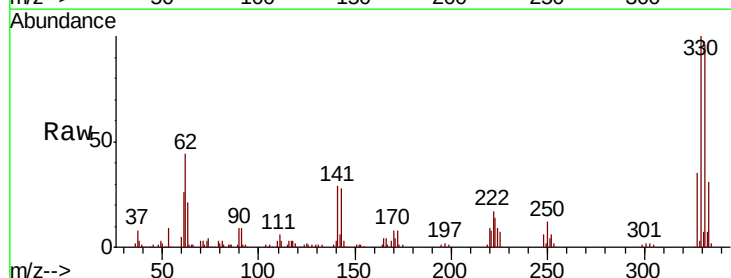
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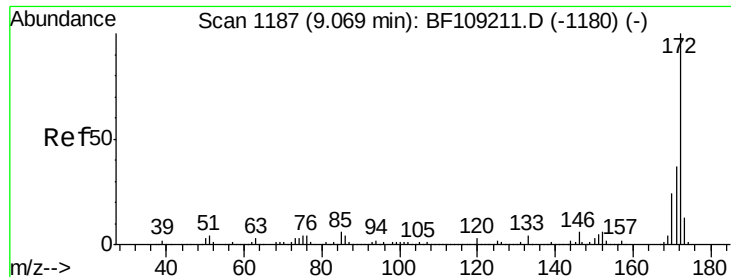
Tgt Ion:164 Resp: 200902
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 47.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 97.482 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

Tgt Ion:330 Resp: 193060
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.2 29.9 44.9

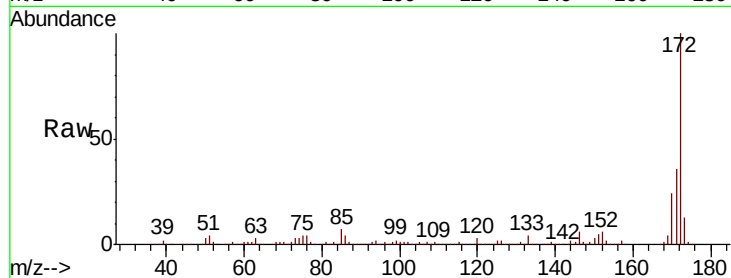




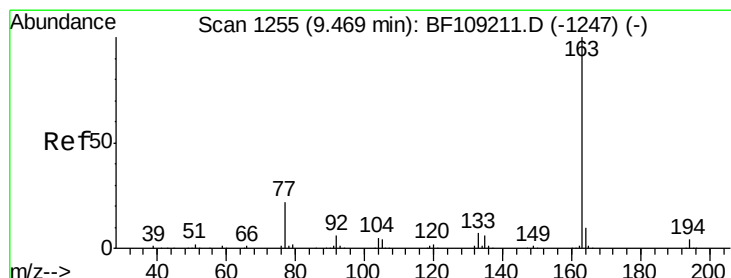
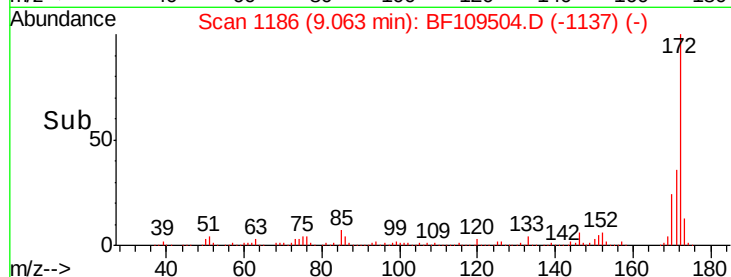
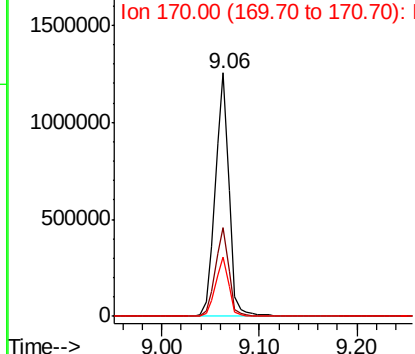
#44
2-Fluorobiphenyl
Concen: 92.200 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

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

Tgt Ion:172 Resp: 1228168
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.4 19.6 29.4

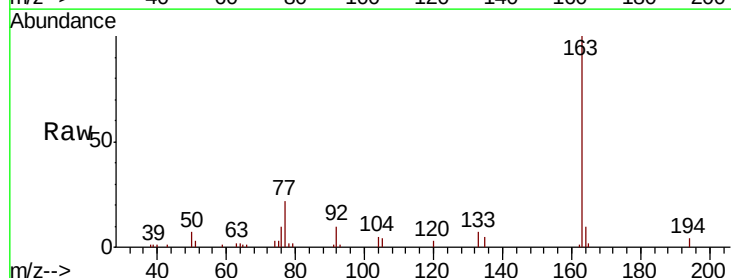


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

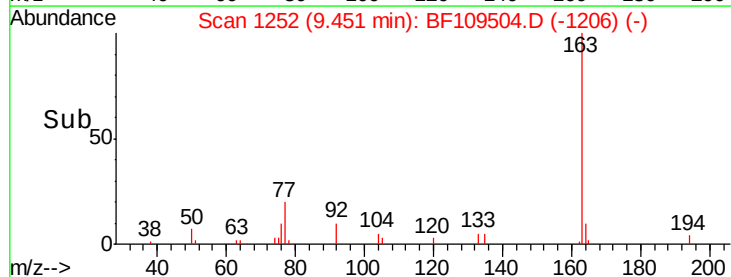
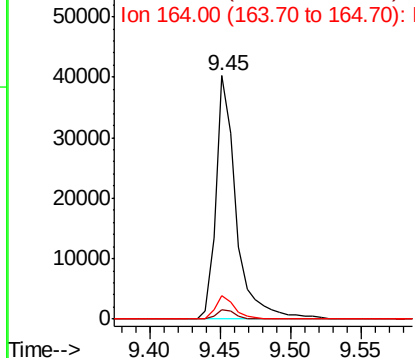


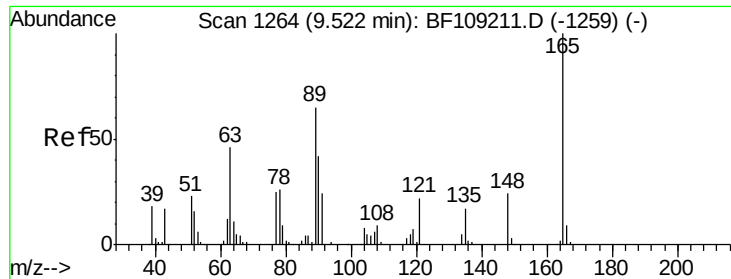
#49
Dimethylphthalate
Concen: 2.740 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:163 Resp: 40031
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 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

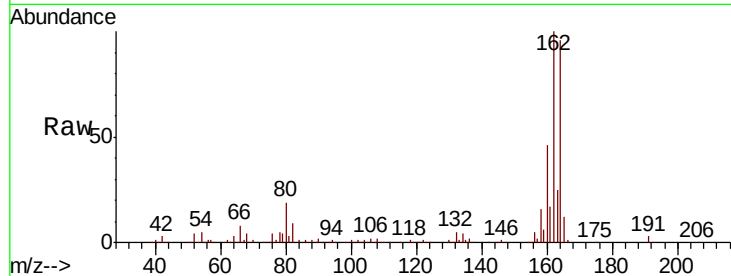




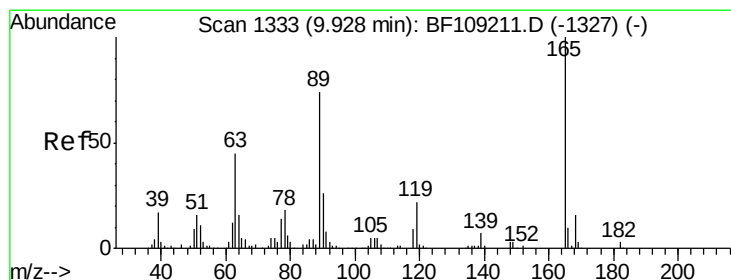
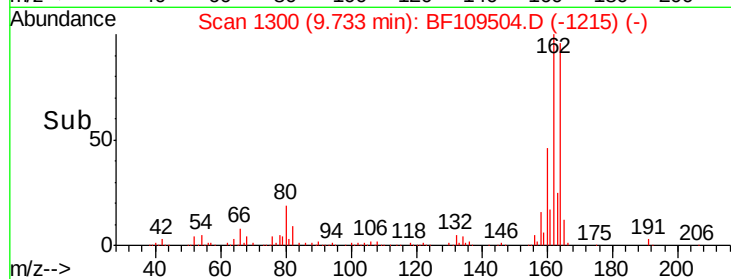
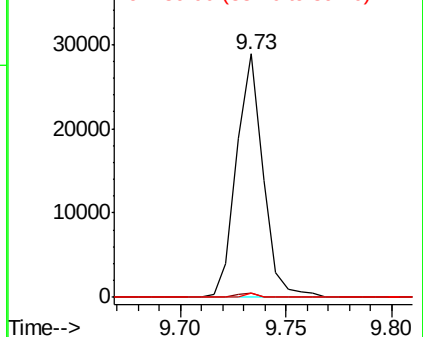
#50
 2,6-Dinitrotoluene
 Concen: 8.648 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.9	44.0	66.0#



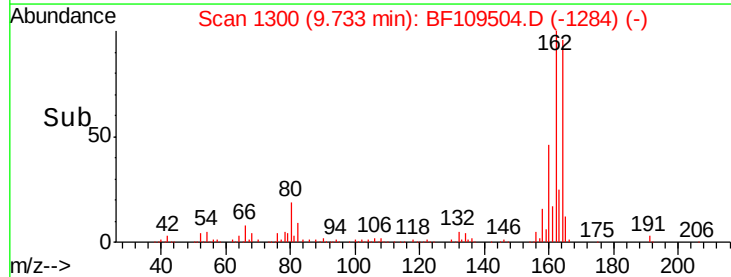
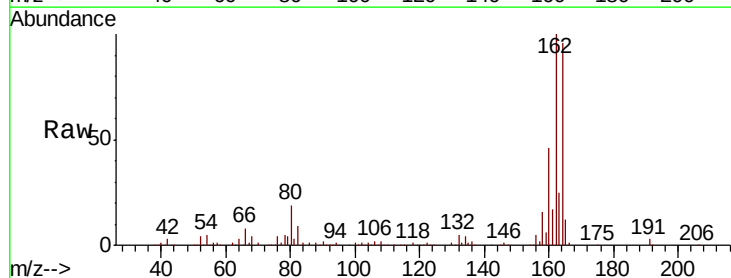
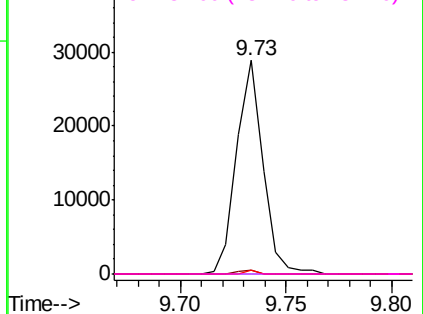
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

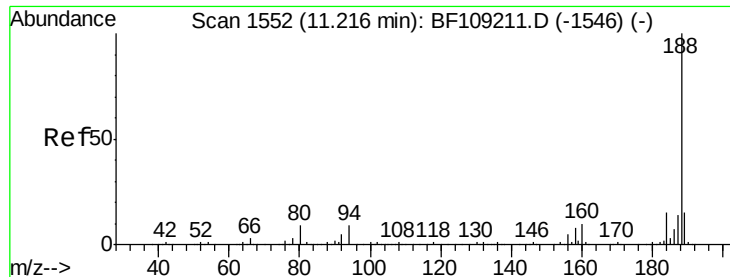


#56
 2,4-Dinitrotoluene
 Concen: 6.834 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.9	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

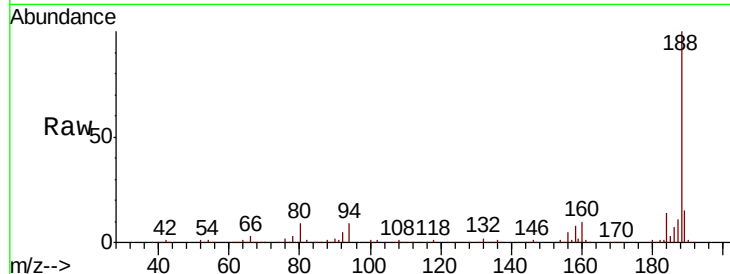




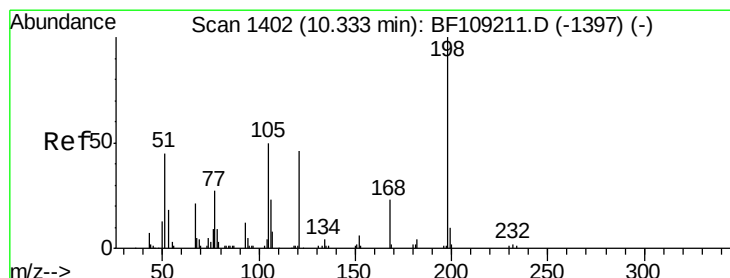
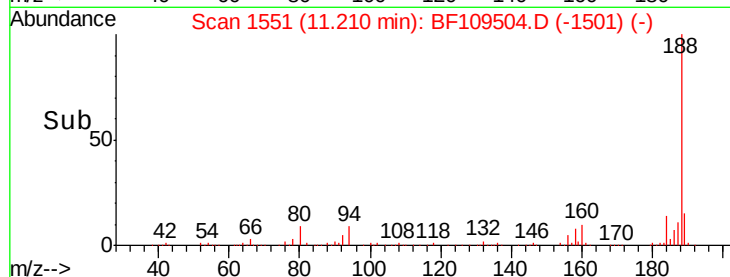
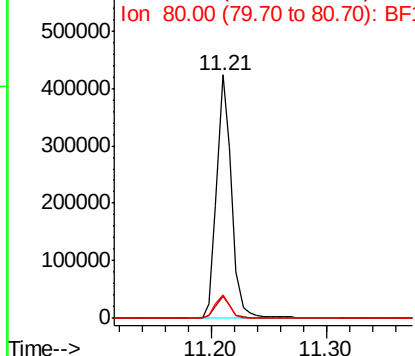
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

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

Tgt Ion:188 Resp: 379143
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.4 9.2 13.8

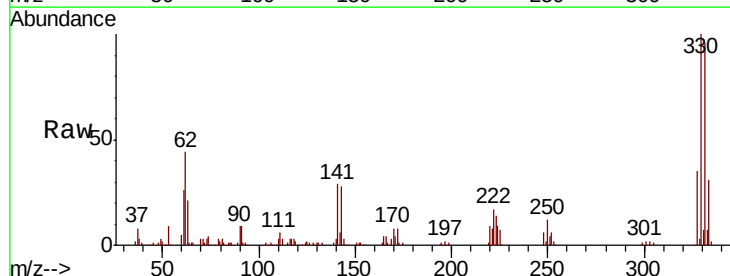


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

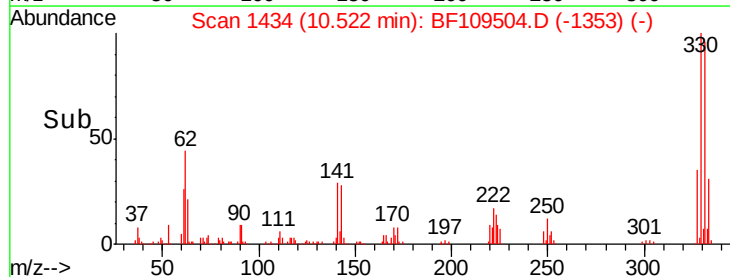
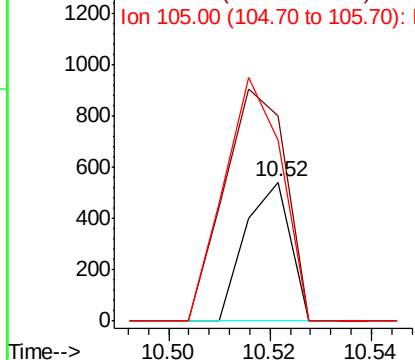


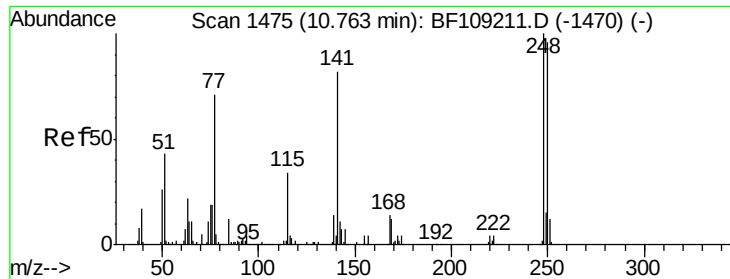
#64
4,6-Dinitro-2-methylphenol
Concen: 6.709 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:198 Resp: 333
Ion Ratio Lower Upper
198 100
51 147.6 37.7 77.7#
105 130.6 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

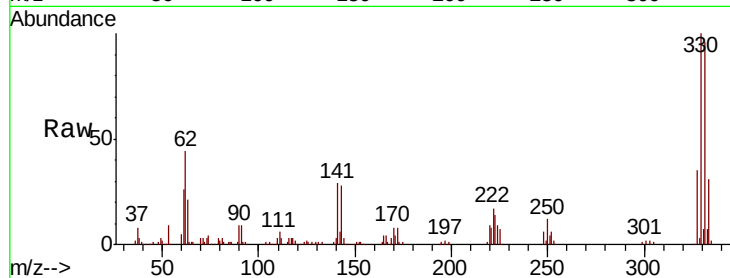




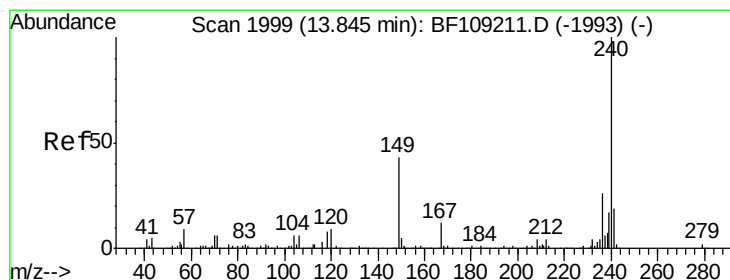
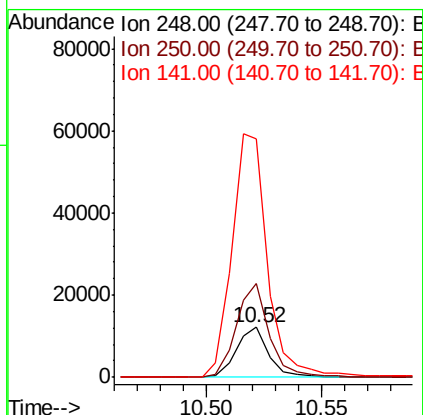
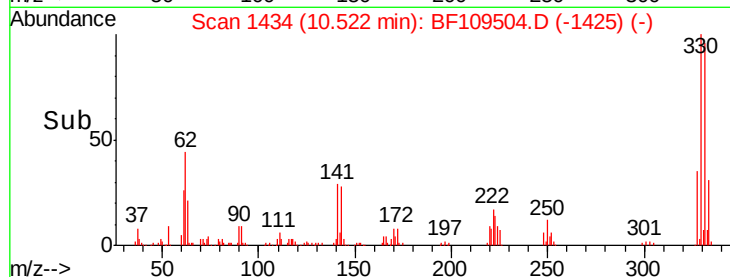
#66
 4-Bromophenyl-phenylether
 Concen: 2.787 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

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

Tgt Ion:248 Resp: 11733
 Ion Ratio Lower Upper
 248 100
 250 187.8 76.9 115.3#
 141 476.6 74.4 111.6#

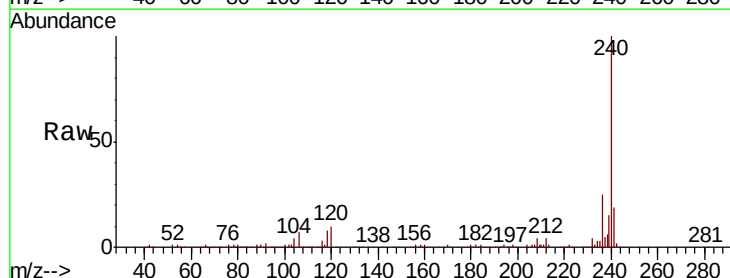


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

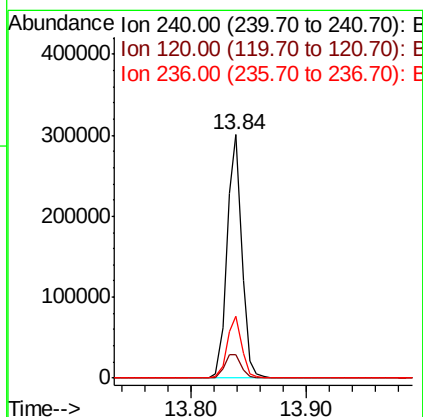
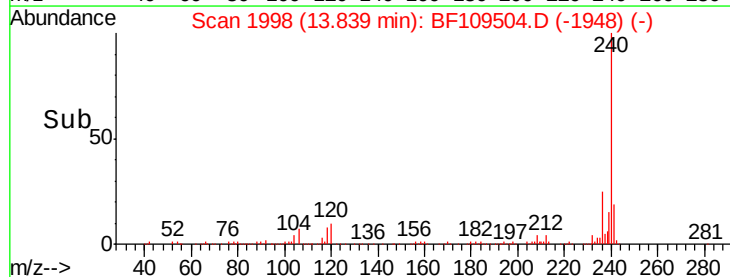


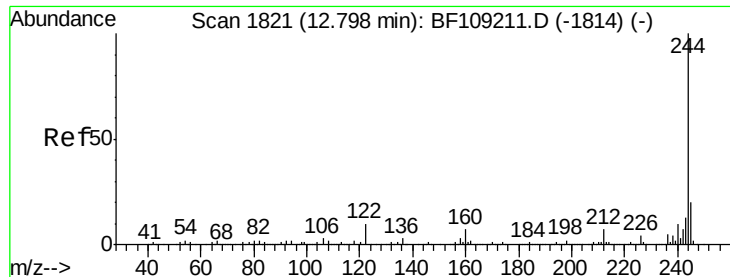
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

Tgt Ion:240 Resp: 265483
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.5 14.3
 236 25.2 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: 102.182 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

Instrument :

BNA_F

ClientSampleId :

092718-SIDI-F-D-M

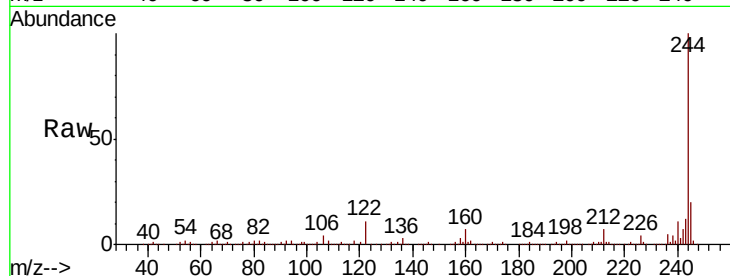
Tgt Ion:244 Resp: 1105369

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

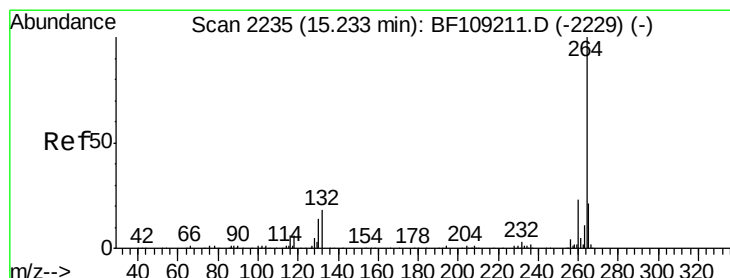
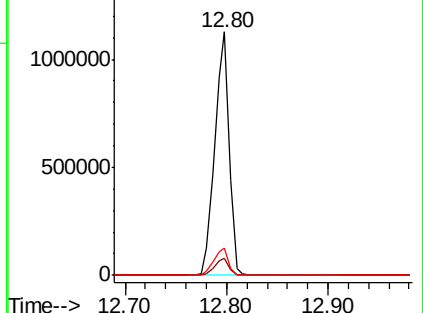
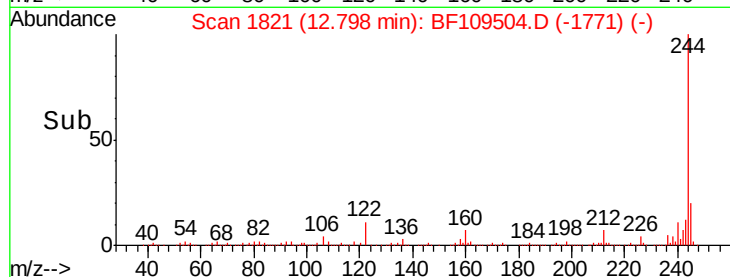
122 11.0 11.0 16.4



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: BF109504.D

Acq: 2 Oct 2018 16:30

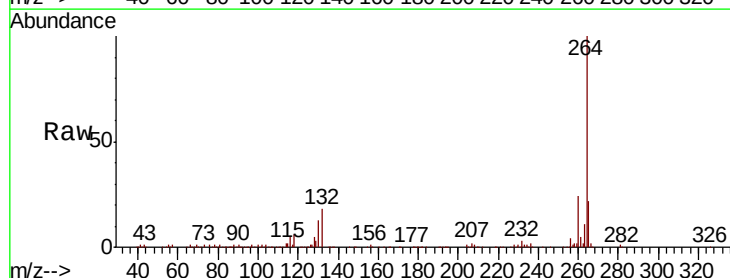
Tgt Ion:264 Resp: 259158

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 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

