

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109408.D
 Acq On : 28 Sep 2018 2:11
 Operator : JU/SJ
 Sample : J5076-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-B

Quant Time: Sep 28 05:16:48 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

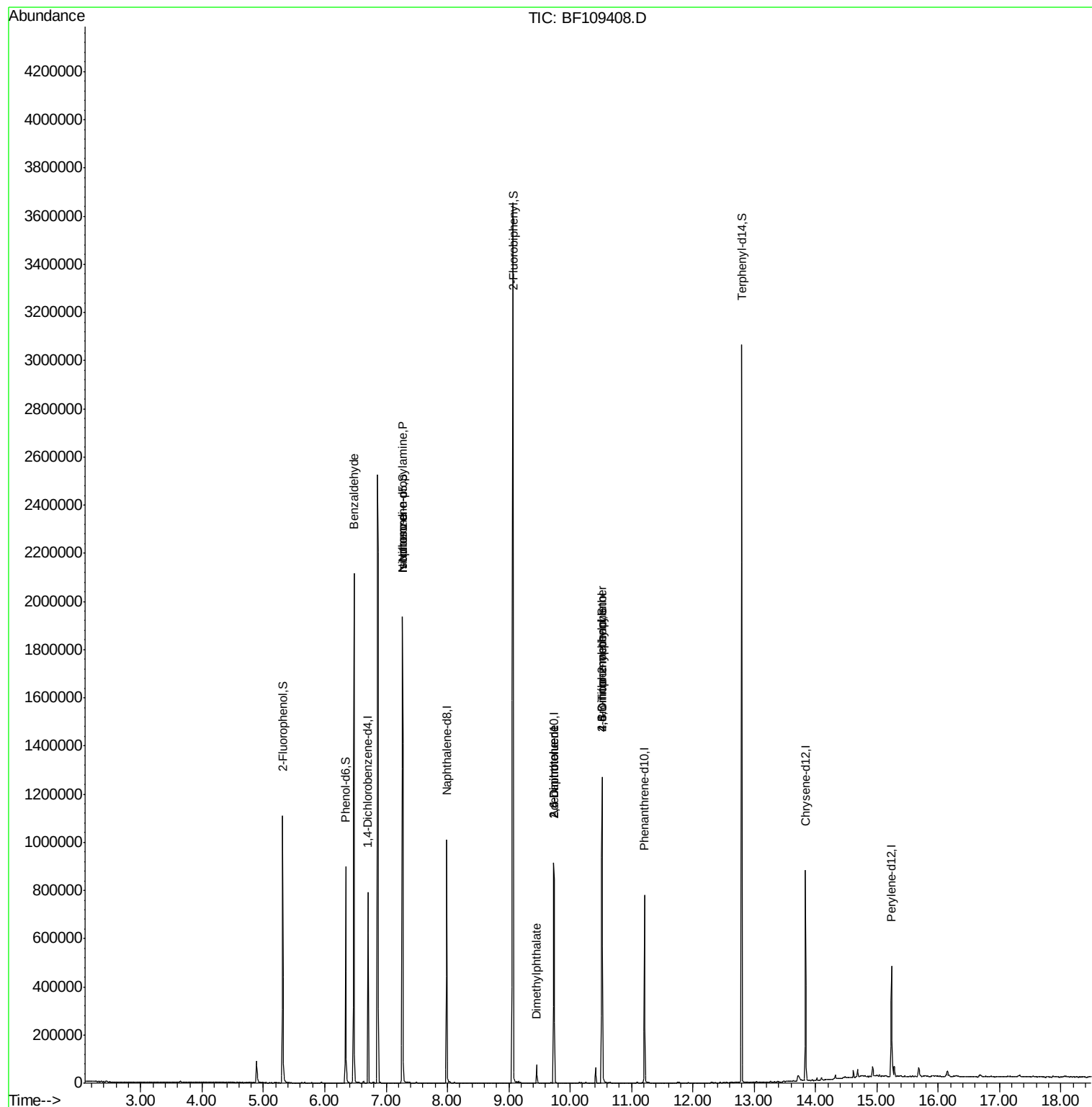
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	111308	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	411596	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	180094	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	287663	20.00	ng	0.00
75) Chrysene-d12	13.84	240	271036	20.00	ng	0.00
86) Perylene-d12	15.24	264	208389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	307928	45.57	ng	0.00
7) Phenol-d6	6.34	99	260108	30.16	ng	-0.02
23) Nitrobenzene-d5	7.27	82	696172	99.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	151891	85.56	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1172760	98.21	ng	0.00
78) Terphenyl-d14	12.80	244	1002847	90.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	12323	2.225	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	94225	16.676	ng	# 79
25) Isophorone	7.27	82	671198	53.458	ng	# 64
49) Dimethylphthalate	9.46	163	31987	2.442	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	22819	8.796	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	22819	6.952	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	244	6.703	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9674	3.028	ng	# 1

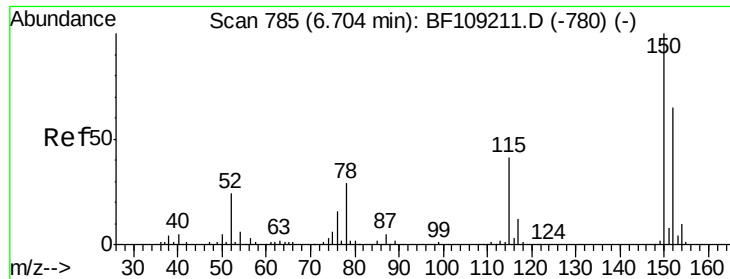
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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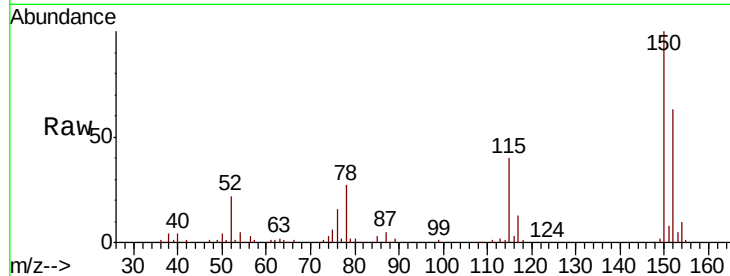




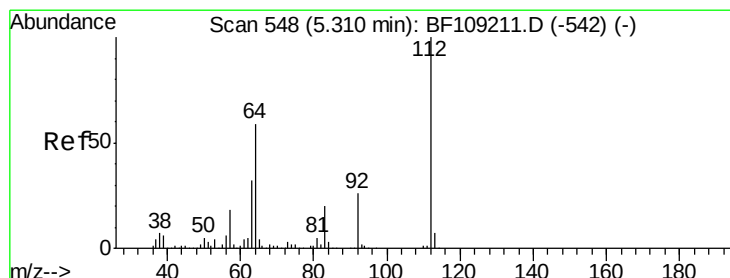
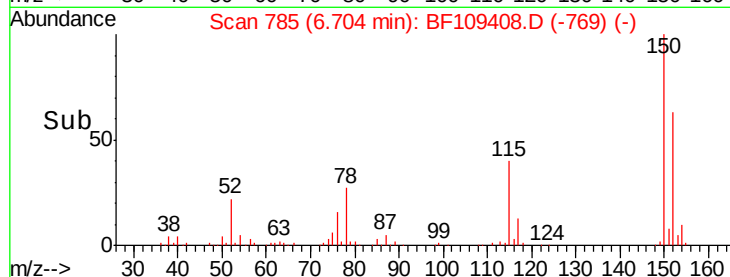
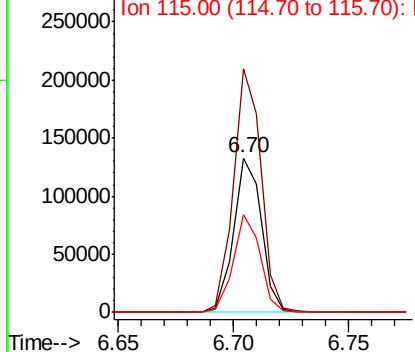
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109408.D
 Acq: 28 Sep 2018 2:11

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-B

Tgt Ion:152 Resp: 111308
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 62.9 50.1 75.1

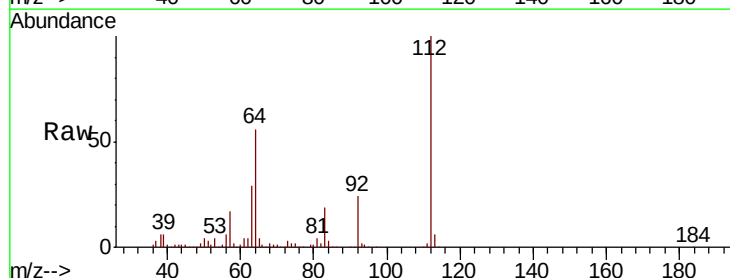


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

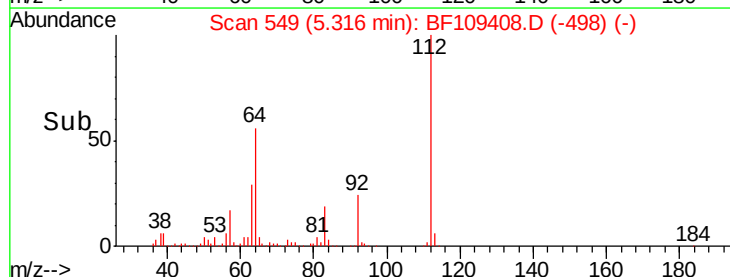
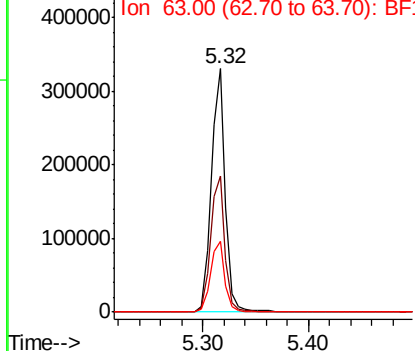


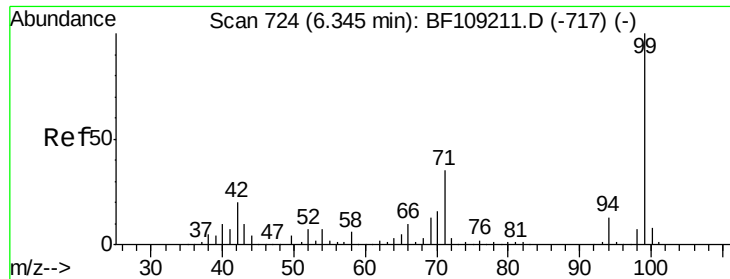
#5
 2-Fluorophenol
 Concen: 45.566 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109408.D
 Acq: 28 Sep 2018 2:11

Tgt Ion:112 Resp: 307928
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 29.1 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: 30.163 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109408.D

Acq: 28 Sep 2018 2:11

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-D-B

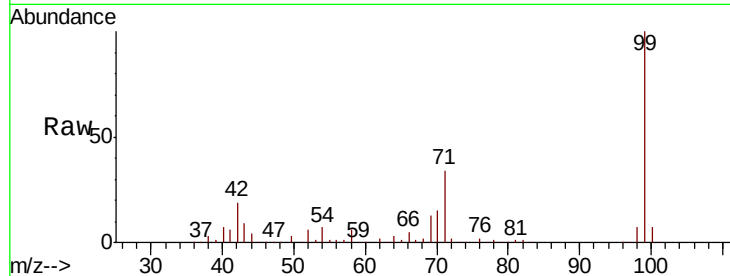
Tgt Ion: 99 Resp: 260108

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

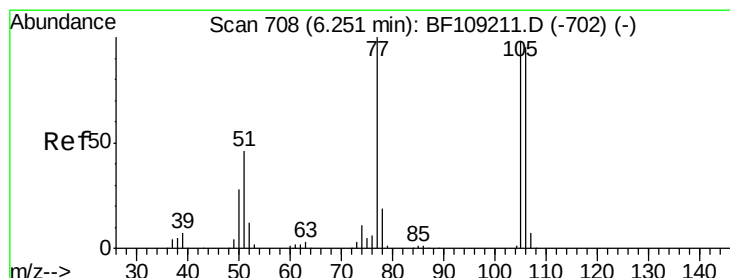
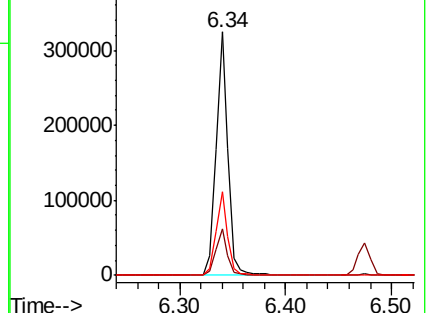
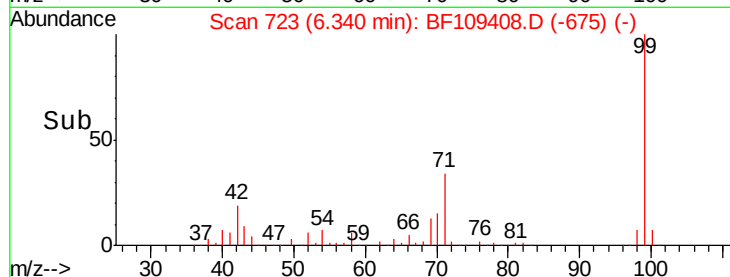
71 34.3 25.4 38.0



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: 2.225 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109408.D

Acq: 28 Sep 2018 2:11

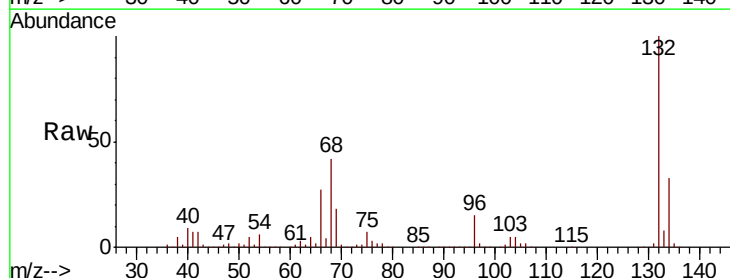
Tgt Ion: 77 Resp: 12323

Ion Ratio Lower Upper

77 100

105 76.6 81.1 121.1#

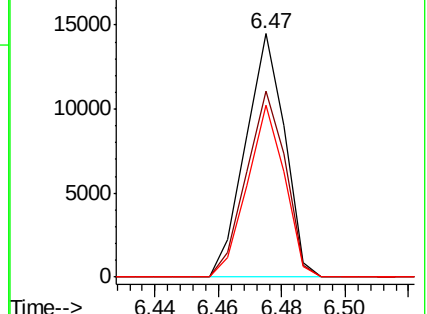
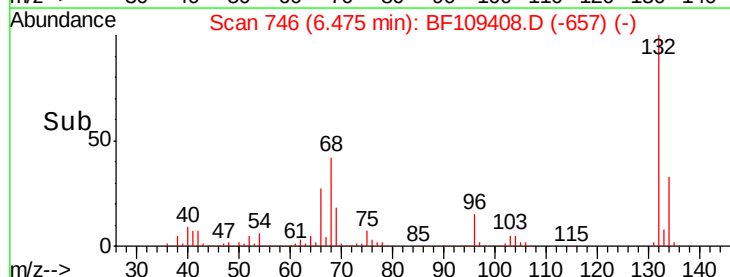
106 70.4 74.5 114.5#

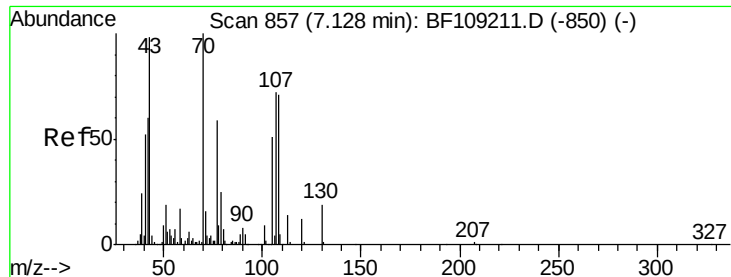


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

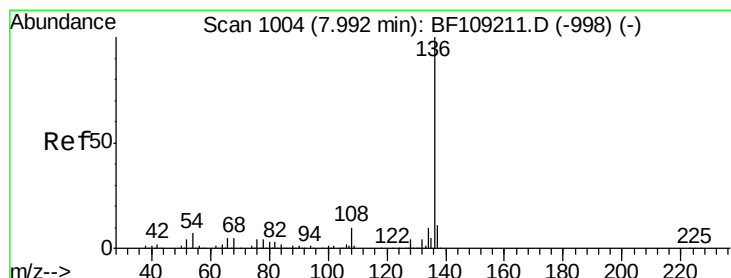
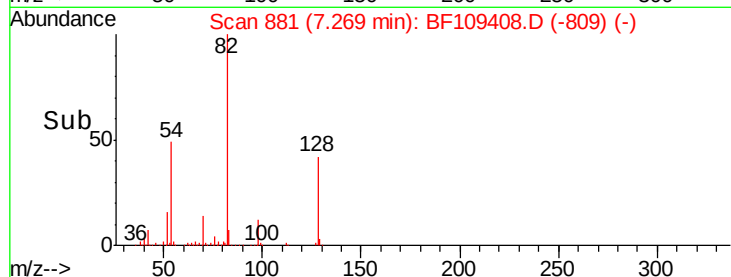
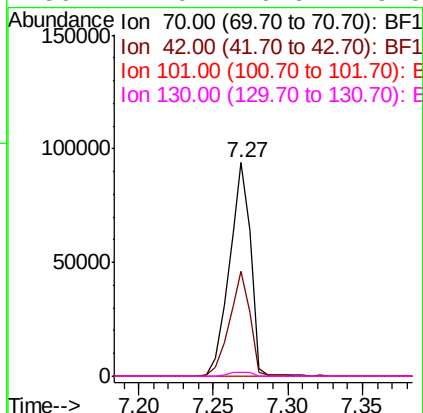
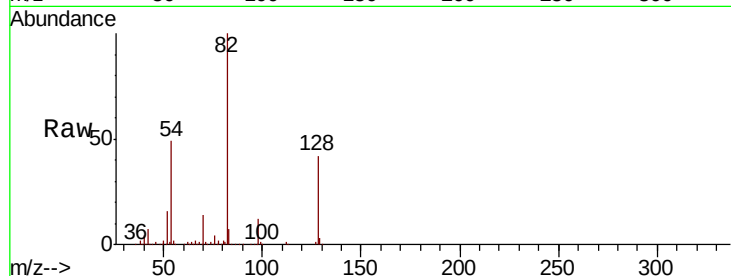




#19
n-Nitroso-di-n-propylamine
Concen: 16.676 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109408.D
Acq: 28 Sep 2018 2:11

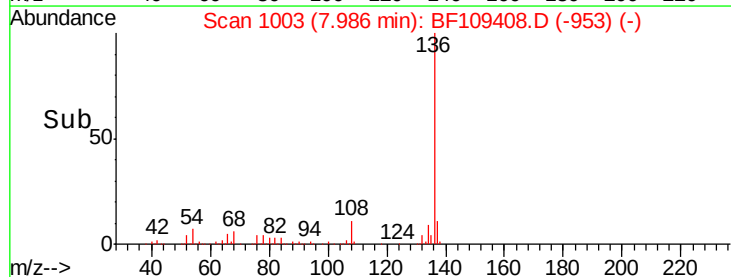
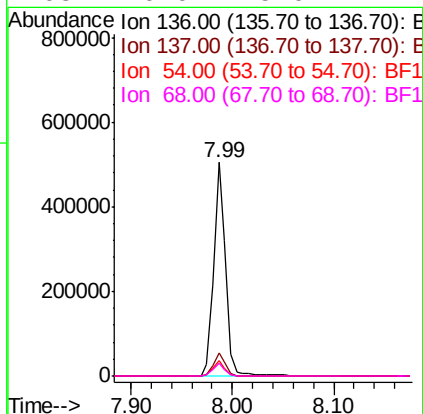
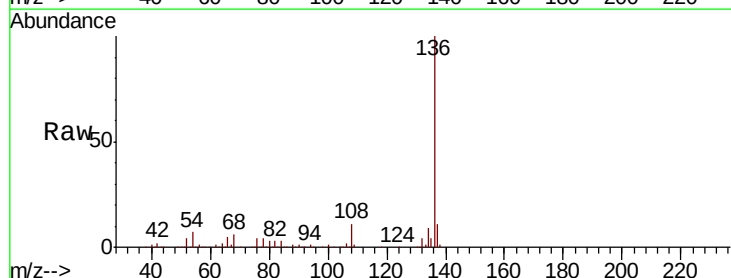
Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-B

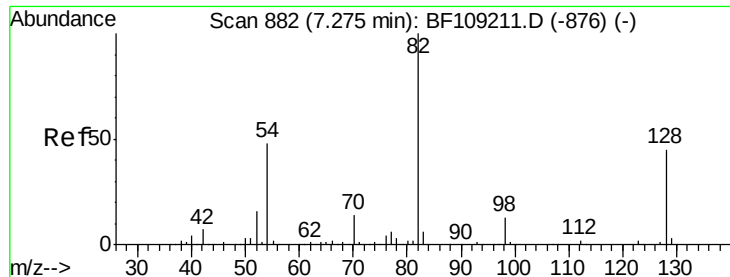
Tgt Ion: 70 Resp: 94225
Ion Ratio Lower Upper
70 100
42 48.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109408.D
Acq: 28 Sep 2018 2:11

Tgt Ion: 136 Resp: 411596
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 6.6 9.8
68 6.0 5.0 7.4

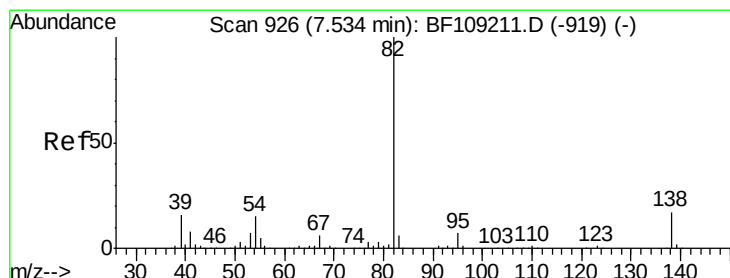
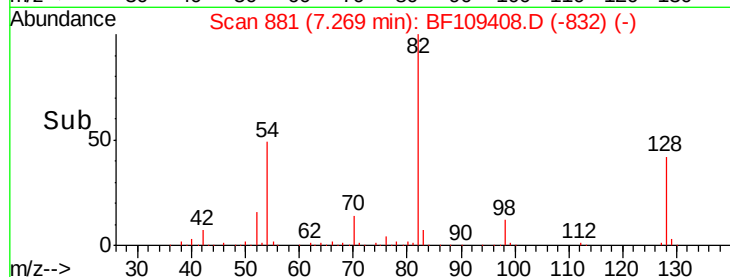
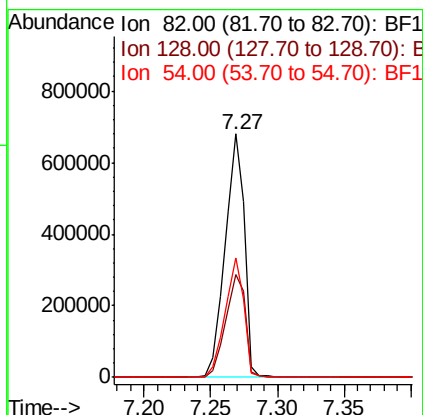
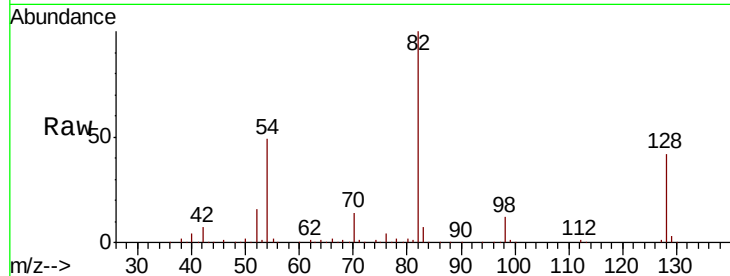




#23
 Nitrobenzene-d5
 Concen: 99.846 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109408.D
 Acq: 28 Sep 2018 2:11

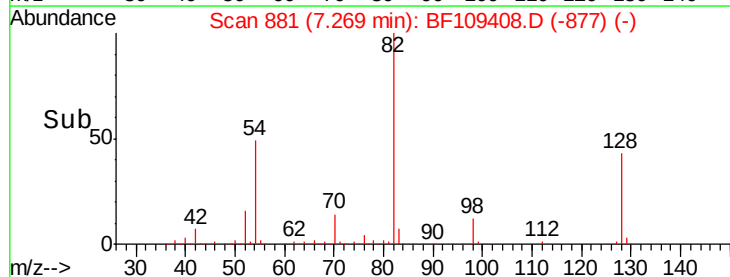
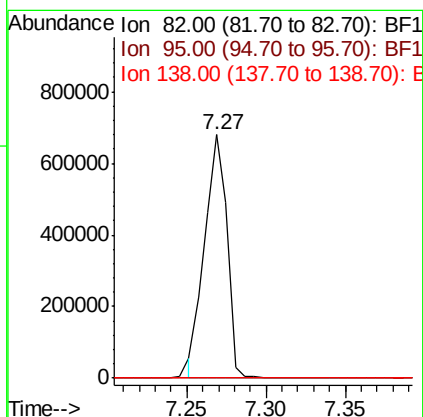
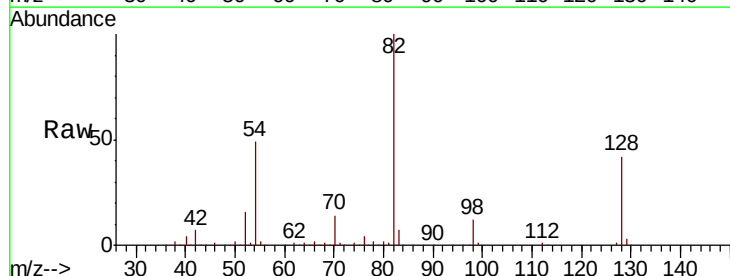
Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-B

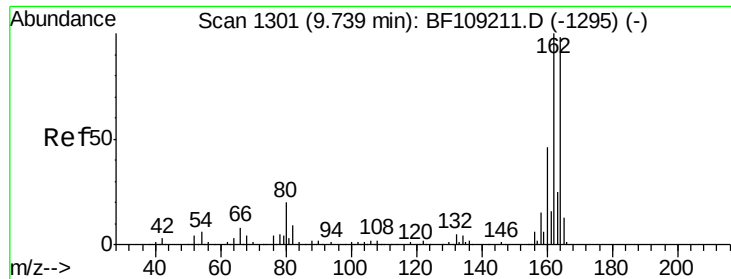
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	48.9	41.4	62.2



#25
 Isophorone
 Concen: 53.458 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109408.D
 Acq: 28 Sep 2018 2:11

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

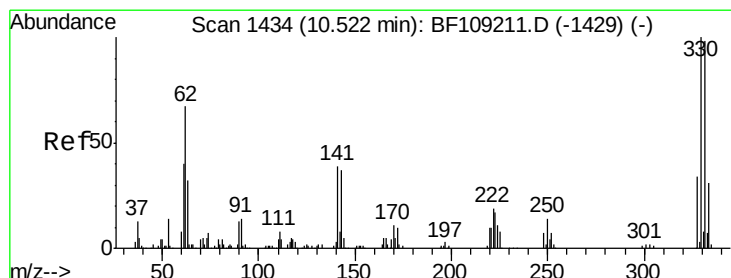
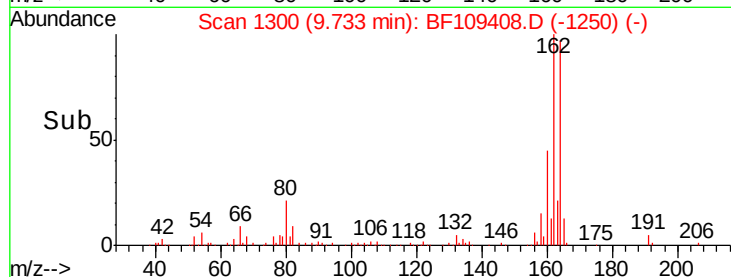
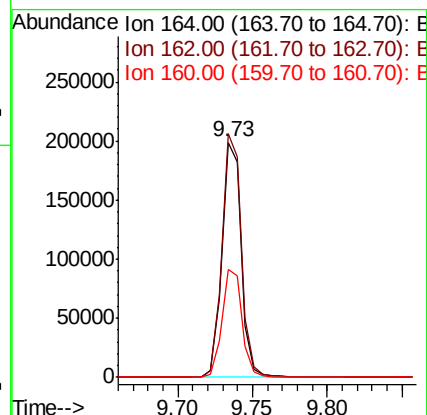
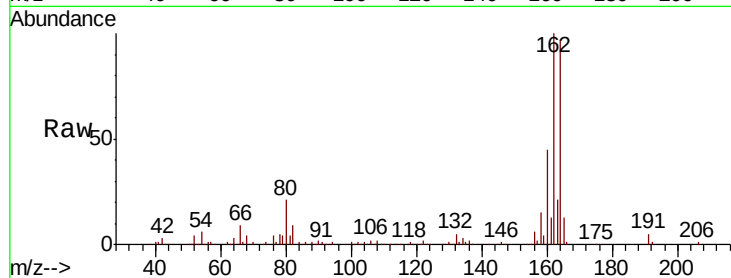




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109408.D
 Acq: 28 Sep 2018 2:11

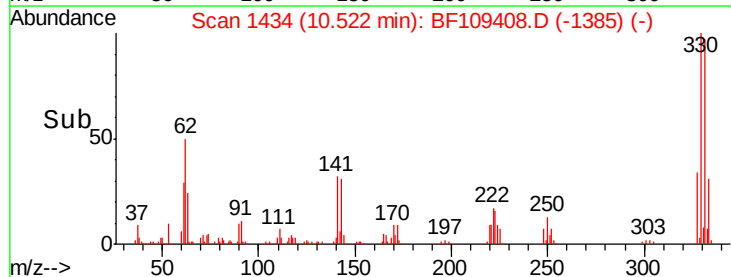
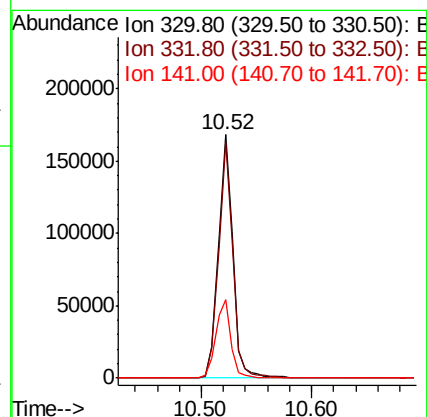
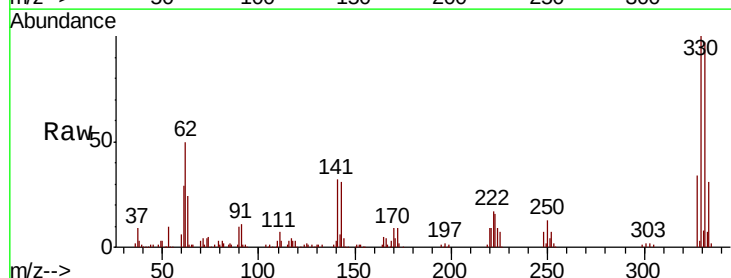
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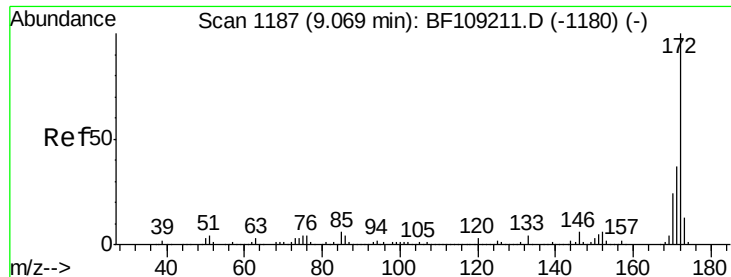
Tgt Ion:164 Resp: 180094
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 46.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 85.555 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109408.D
 Acq: 28 Sep 2018 2:11

Tgt Ion:330 Resp: 151891
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.7 29.9 44.9

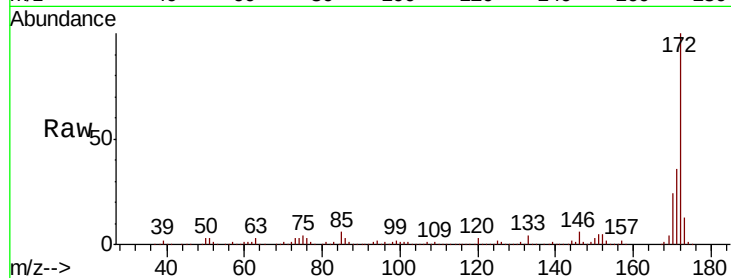




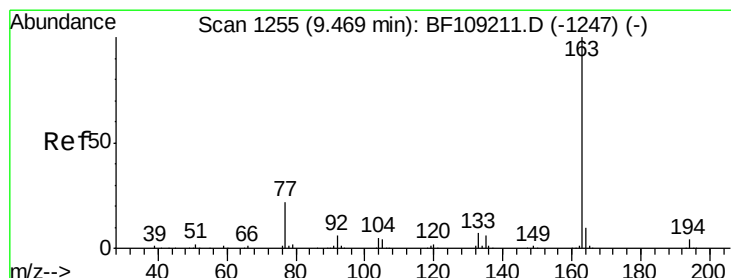
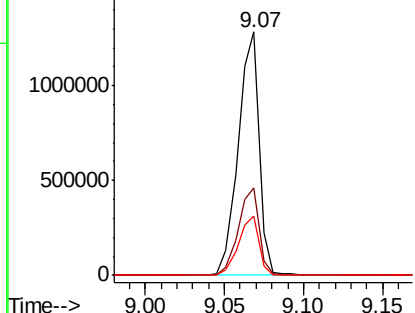
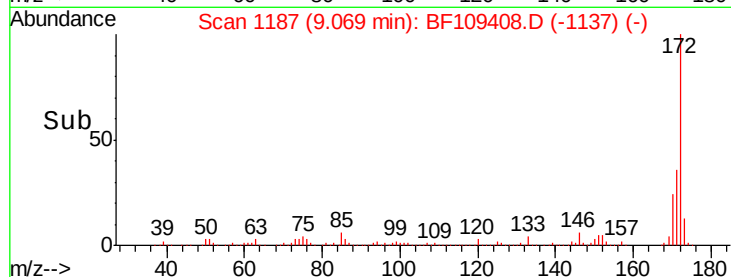
#44
 2-Fluorobiphenyl
 Concen: 98.212 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109408.D
 Acq: 28 Sep 2018 2:11

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-B

Tgt Ion:172 Resp: 1172760
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.2 19.6 29.4

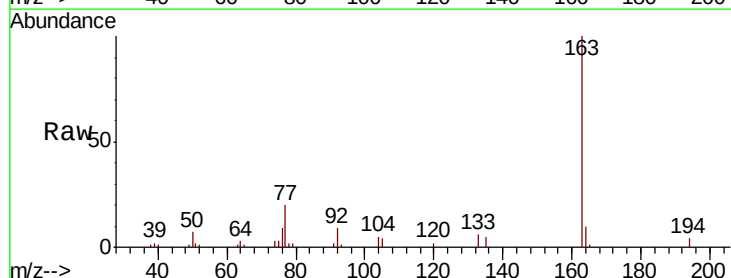


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

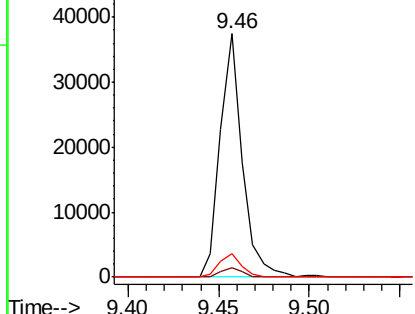
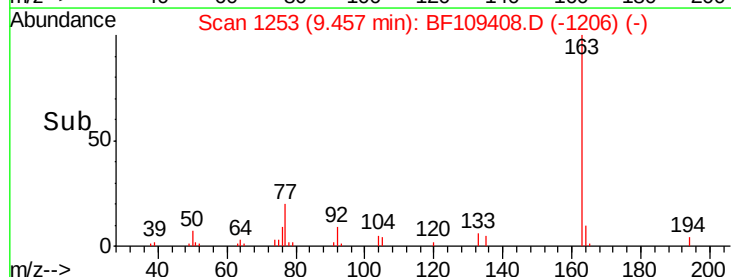


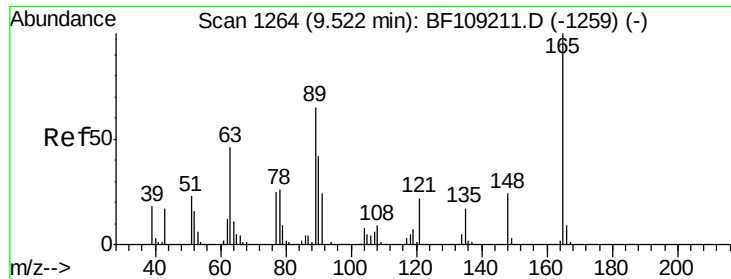
#49
 Dimethylphthalate
 Concen: 2.442 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109408.D
 Acq: 28 Sep 2018 2:11

Tgt Ion:163 Resp: 31987
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 9.8 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

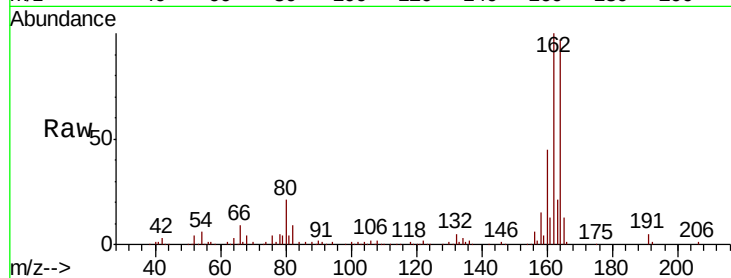




#50
 2,6-Dinitrotoluene
 Concen: 8.796 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109408.D
 Acq: 28 Sep 2018 2:11

Instrument :
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 ClientSampleId :
 092418-SIDI-F-D-B

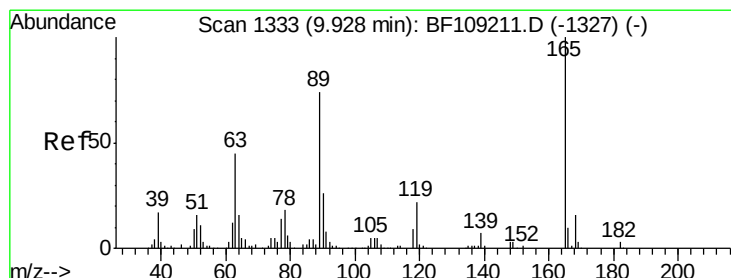
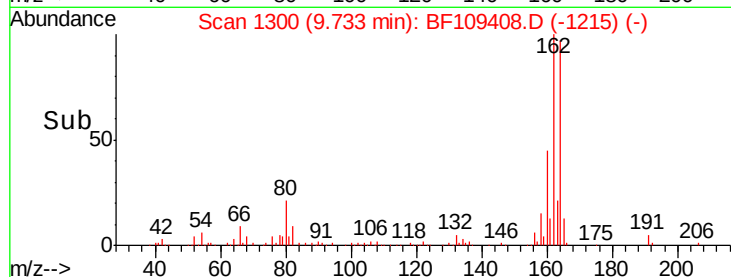
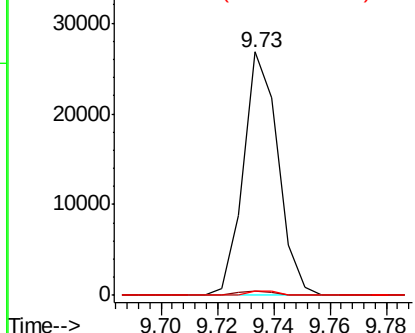
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	2.0	44.0	66.0#



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: 6.952 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109408.D
 Acq: 28 Sep 2018 2:11

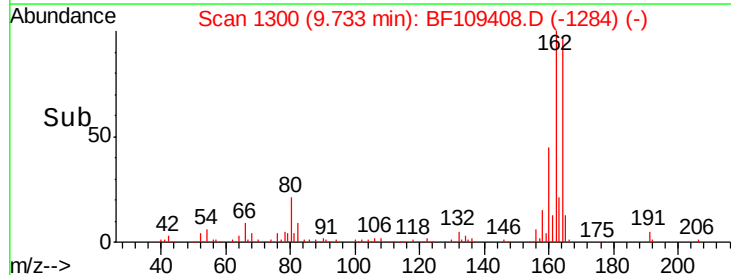
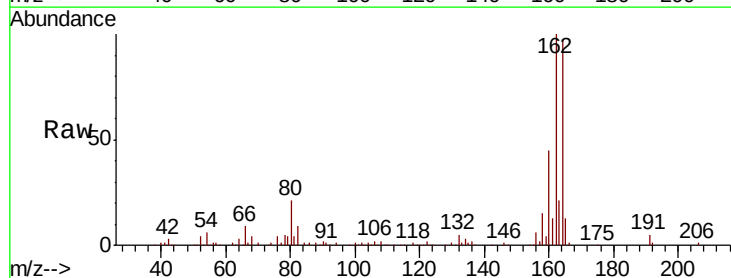
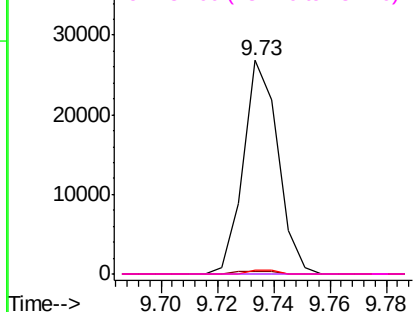
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

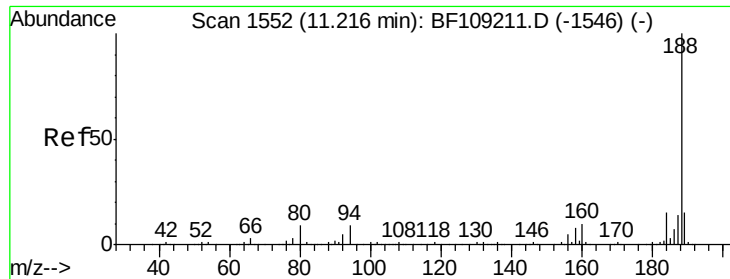
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF109408.D

Acq: 28 Sep 2018 2:11

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-D-B

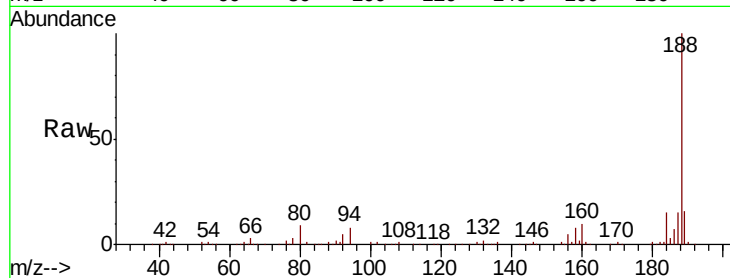
Tgt Ion:188 Resp: 287663

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

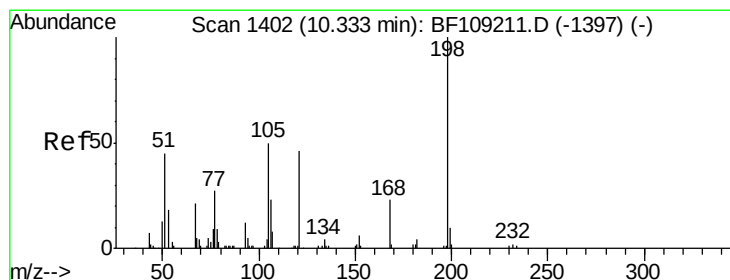
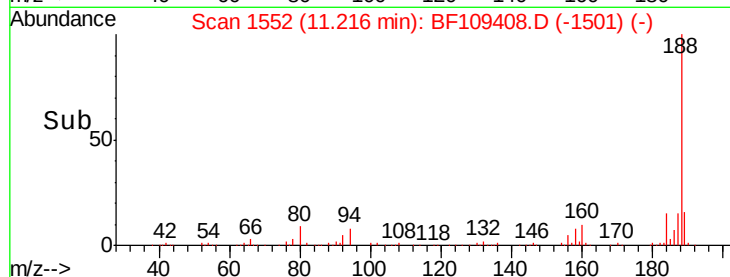
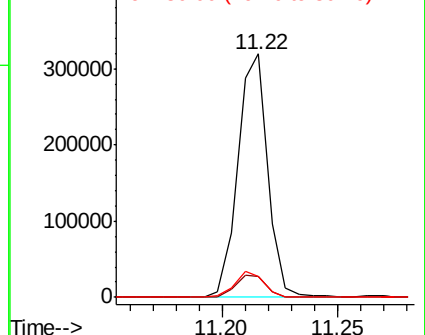
80 8.8 9.2 13.8#



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: 6.703 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.18 min

Lab File: BF109408.D

Acq: 28 Sep 2018 2:11

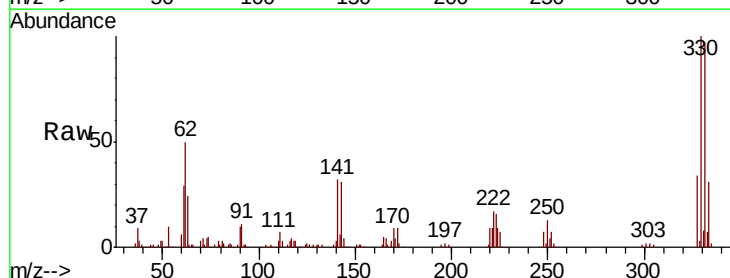
Tgt Ion:198 Resp: 244

Ion Ratio Lower Upper

198 100

51 176.3 37.7 77.7#

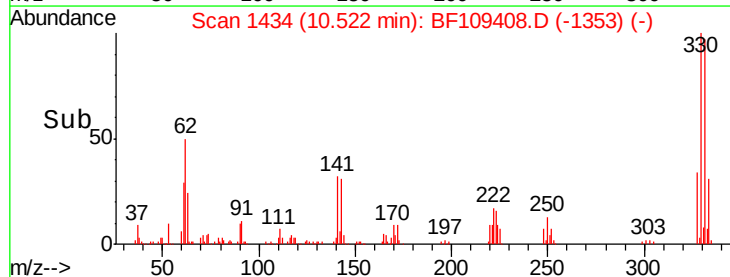
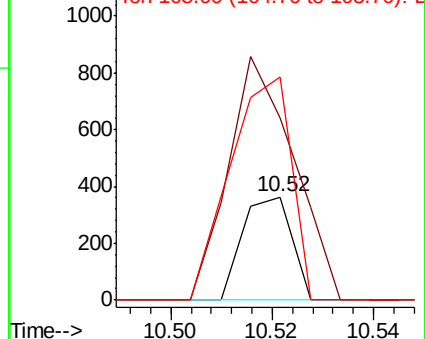
105 216.0 36.3 76.3#

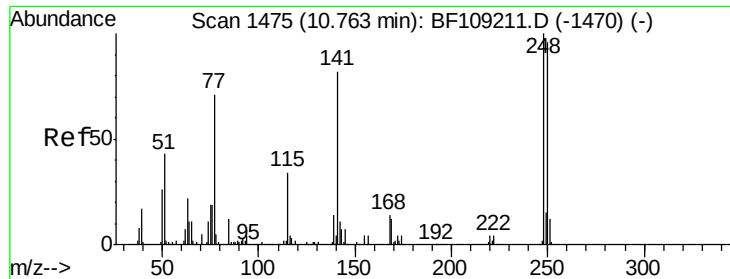


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

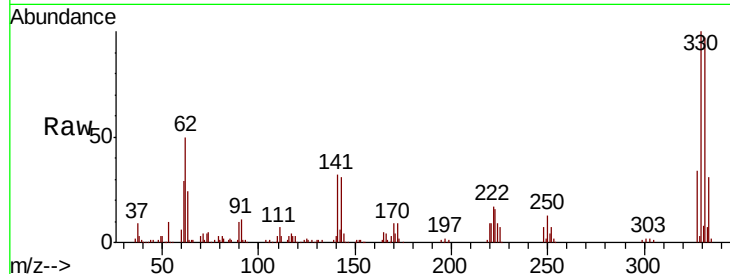




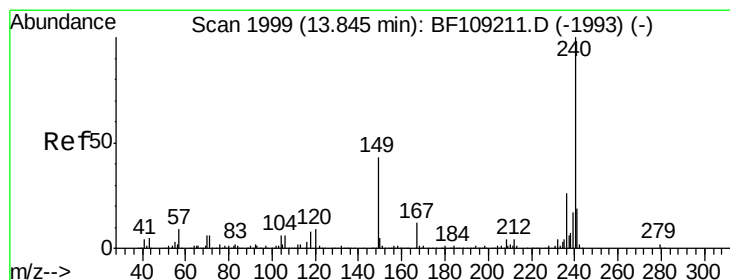
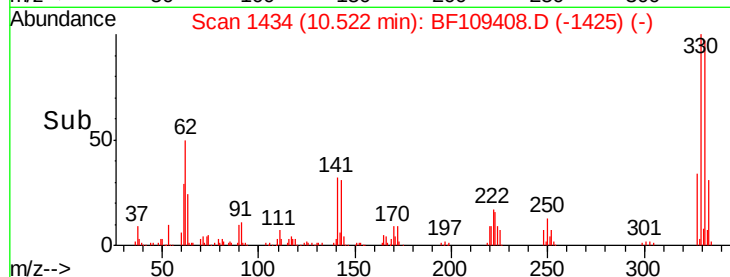
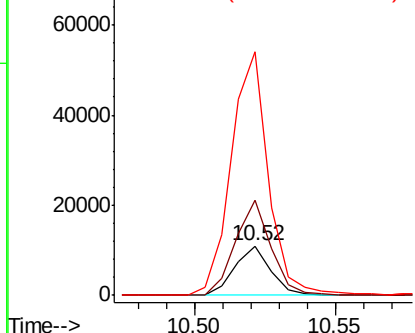
#66
4-Bromophenyl-phenylether
Concen: 3.028 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109408.D
Acq: 28 Sep 2018 2:11

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-B

Tgt Ion:248 Resp: 9674
Ion Ratio Lower Upper
248 100
250 193.1 76.9 115.3#
141 491.4 74.4 111.6#

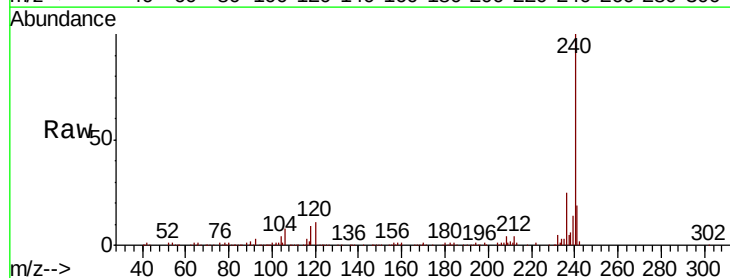


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

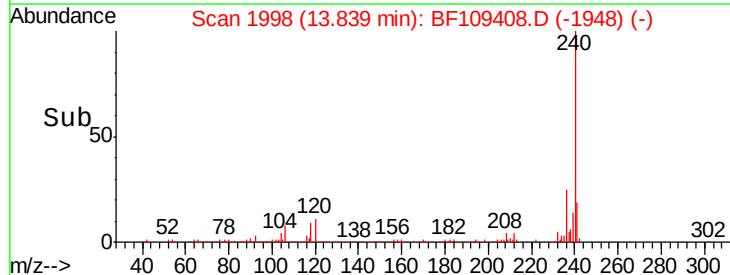
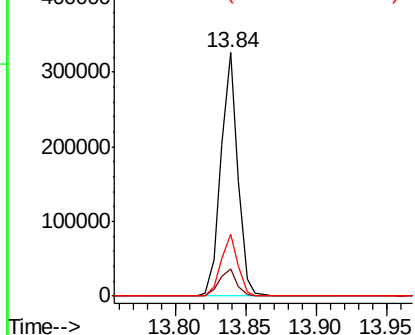


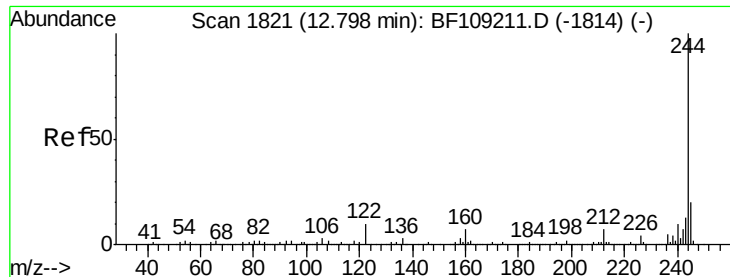
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109408.D
Acq: 28 Sep 2018 2:11

Tgt Ion:240 Resp: 271036
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.3 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: 90.805 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109408.D

Acq: 28 Sep 2018 2:11

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-D-B

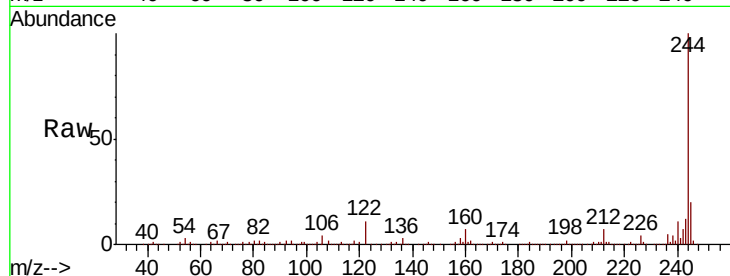
Tgt Ion:244 Resp: 1002847

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

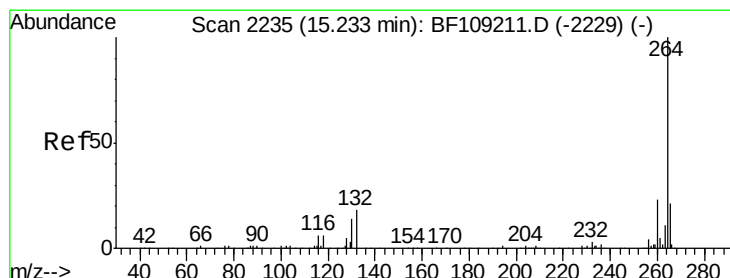
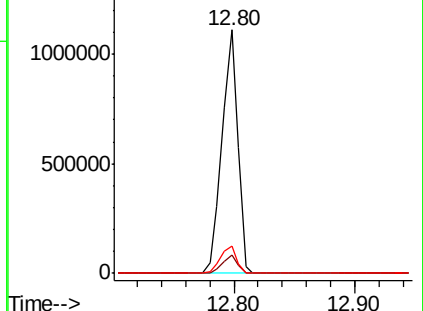
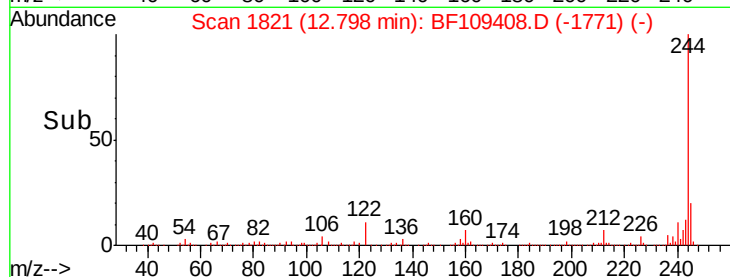
122 11.4 11.0 16.4



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: BF109408.D

Acq: 28 Sep 2018 2:11

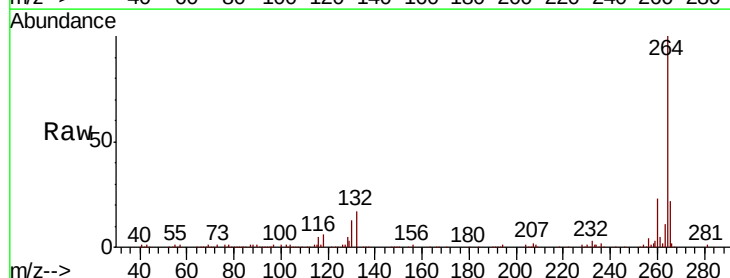
Tgt Ion:264 Resp: 208389

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.9 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

