

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109592.D
 Acq On : 4 Oct 2018 17:40
 Operator : JU/SJ
 Sample : J5241-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-D-B

Quant Time: Oct 05 01:30:32 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	93517	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	349692	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	154042	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	256533	20.00	ng	0.00
75) Chrysene-d12	13.84	240	209448	20.00	ng	0.00
86) Perylene-d12	15.24	264	195662	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	224950	39.62	ng	0.00
7) Phenol-d6	6.35	99	181352	25.03	ng	-0.01
23) Nitrobenzene-d5	7.27	82	650341	109.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	145403	95.75	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1080123	105.75	ng	-0.01
78) Terphenyl-d14	12.80	244	858974	100.65	ng	0.00

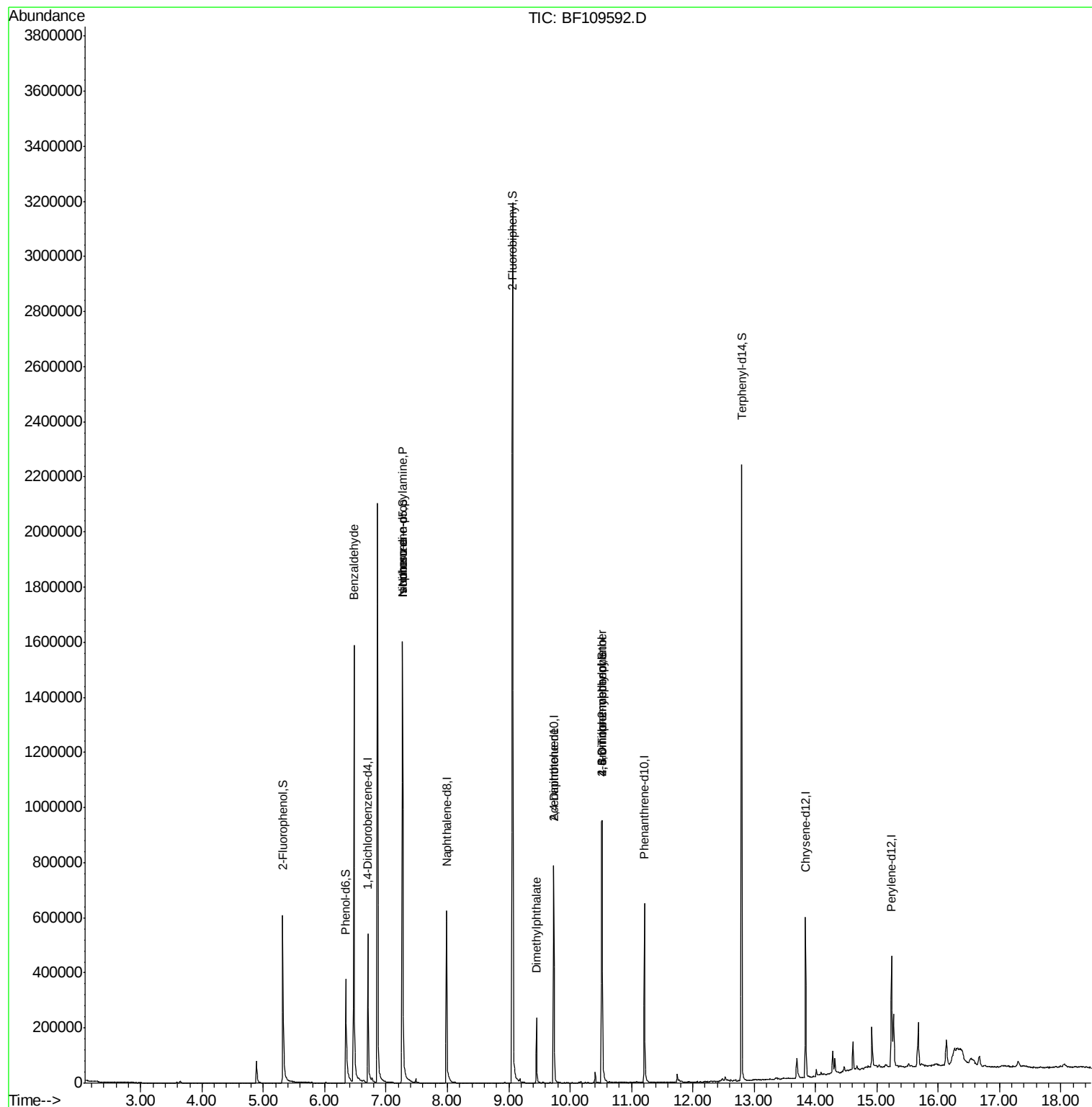
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	10163	2.184	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	87434	18.417	ng	# 77
25) Isophorone	7.27	82	624842	58.576	ng	# 64
49) Dimethylphthalate	9.45	163	96168	8.583	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	18639	6.639	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	235	6.717	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8540	2.998	ng	# 1

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

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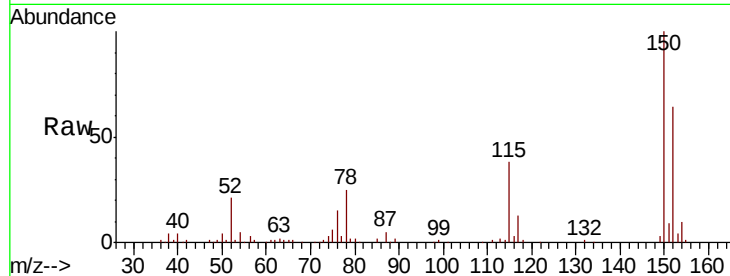




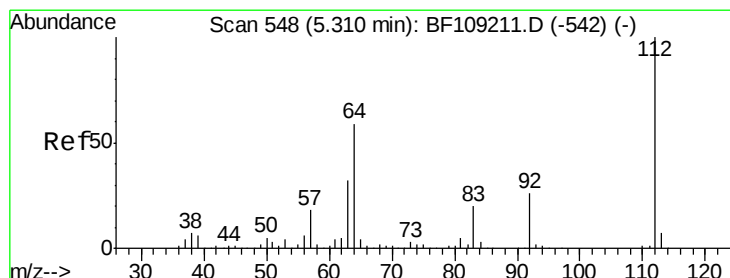
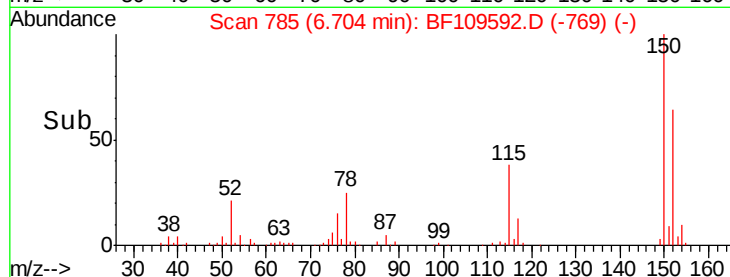
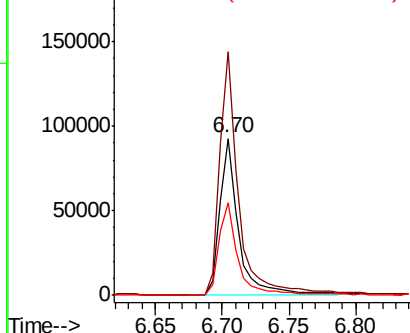
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109592.D
 Acq: 4 Oct 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-D-B

Tgt Ion:152 Resp: 93517
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 58.8 50.1 75.1

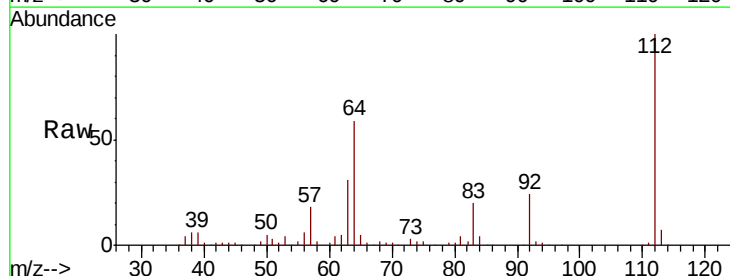


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

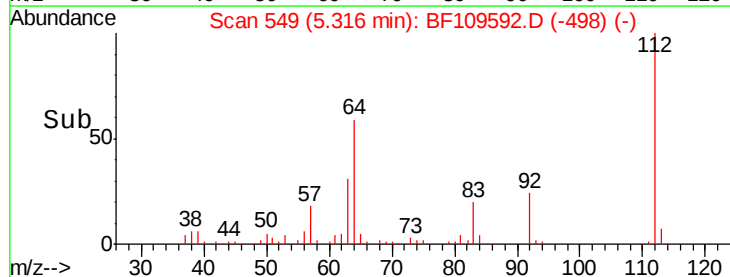
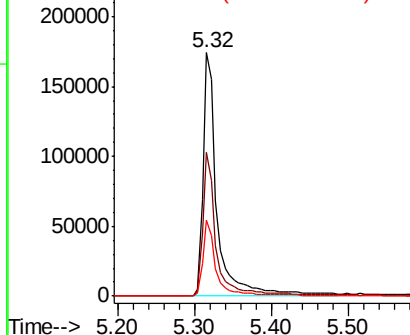


#5
 2-Fluorophenol
 Concen: 39.620 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109592.D
 Acq: 4 Oct 2018 17:40

Tgt Ion:112 Resp: 224950
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 31.1 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: 25.031 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109592.D

Acq: 4 Oct 2018 17:40

Instrument :

BNA_F

ClientSampleId :

100218-SIDI-E-D-B

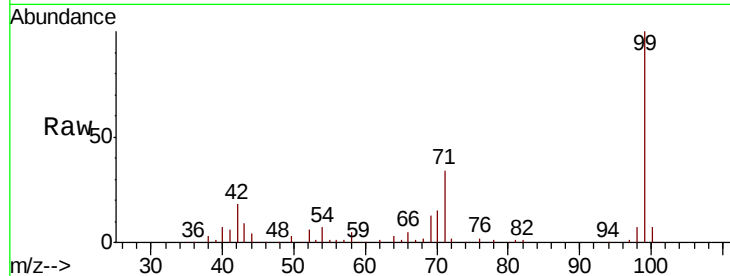
Tgt Ion: 99 Resp: 181352

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

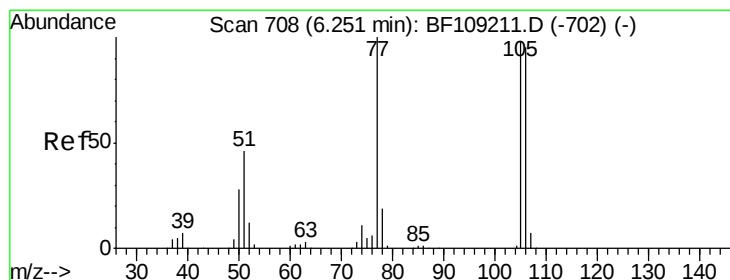
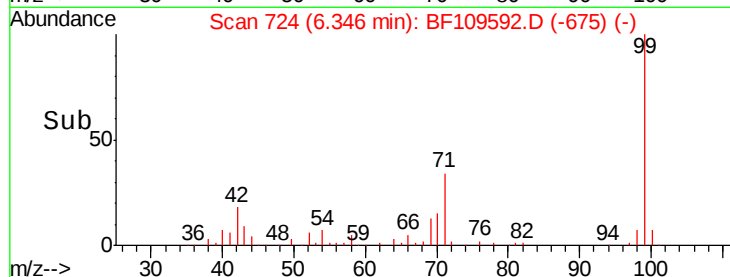
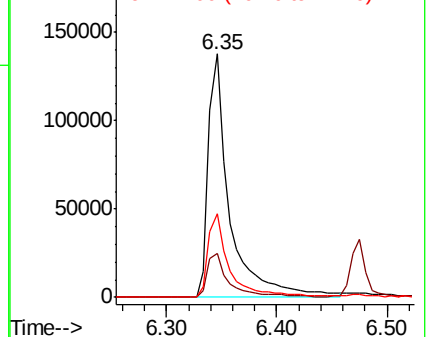
71 34.1 25.4 38.0



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: 2.184 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109592.D

Acq: 4 Oct 2018 17:40

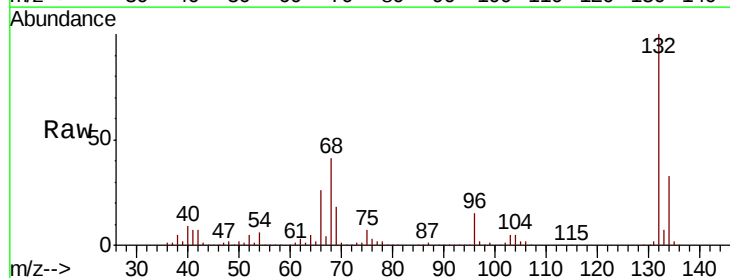
Tgt Ion: 77 Resp: 10163

Ion Ratio Lower Upper

77 100

105 77.1 81.1 121.1#

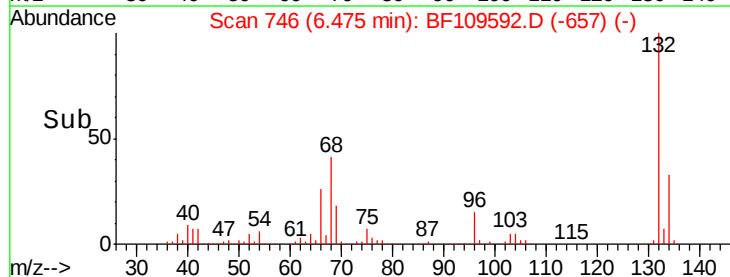
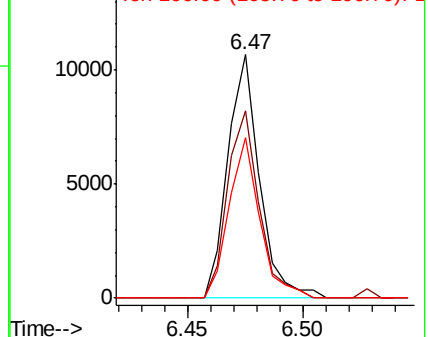
106 65.9 74.5 114.5#



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

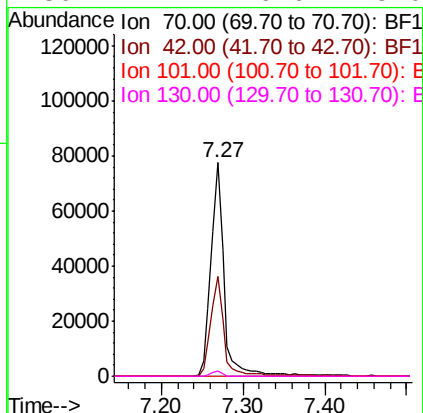
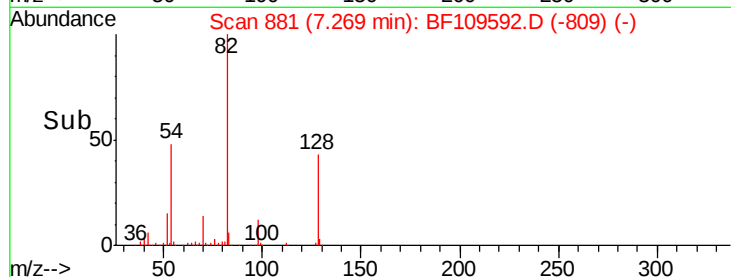
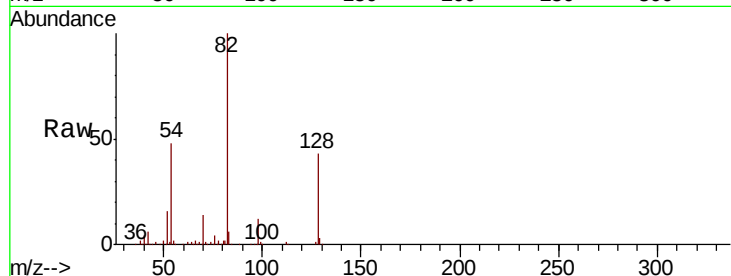




#19
n-Nitroso-di-n-propylamine
Concen: 18.417 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109592.D
Acq: 4 Oct 2018 17:40

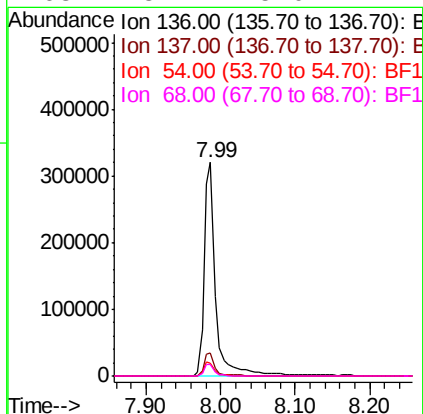
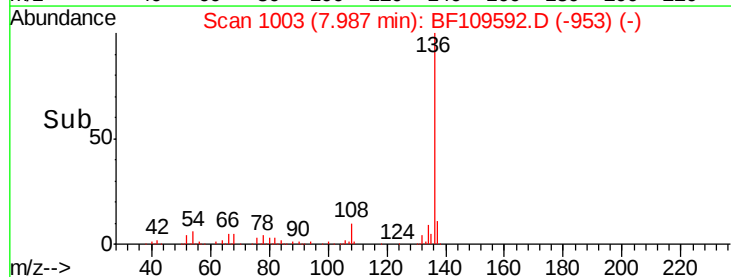
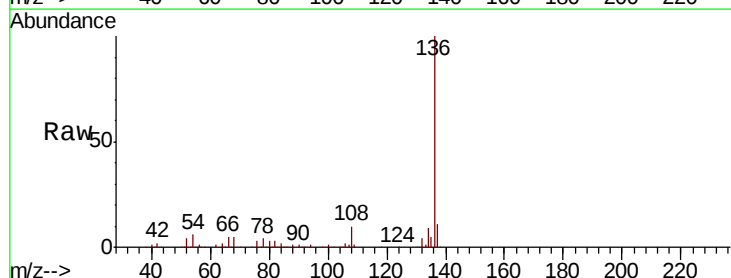
Instrument :
BNA_F
ClientSampleId :
100218-SIDI-E-D-B

Tgt Ion: 70 Resp: 87434
Ion Ratio Lower Upper
70 100
42 46.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 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: BF109592.D
Acq: 4 Oct 2018 17:40

Tgt Ion: 136 Resp: 349692
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.2 6.6 9.8#
68 5.2 5.0 7.4

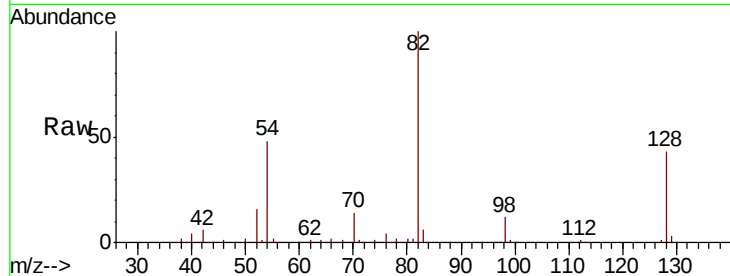




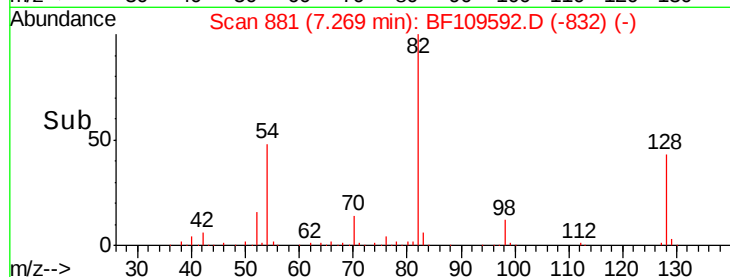
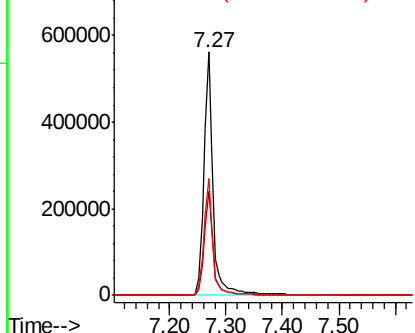
#23
Nitrobenzene-d5
Concen: 109.784 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109592.D
Acq: 4 Oct 2018 17:40

Instrument :
BNA_F
ClientSampleId :
100218-SIDI-E-D-B

Tgt Ion: 82 Resp: 650341
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 47.9 41.4 62.2

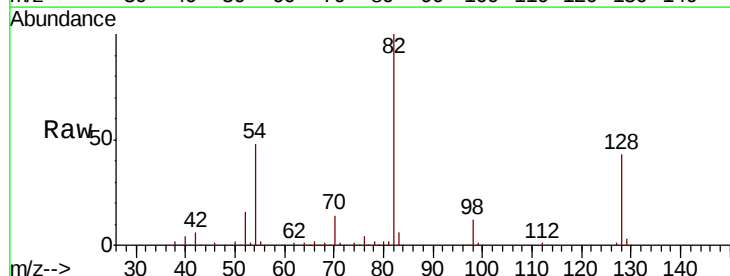


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

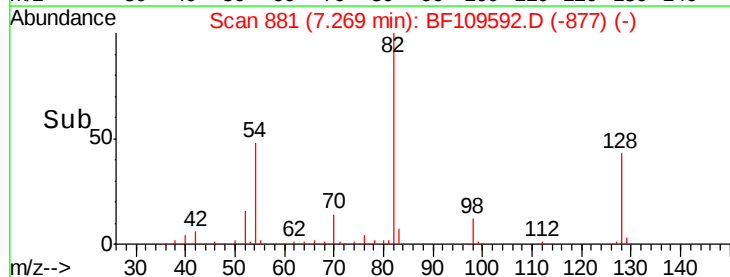
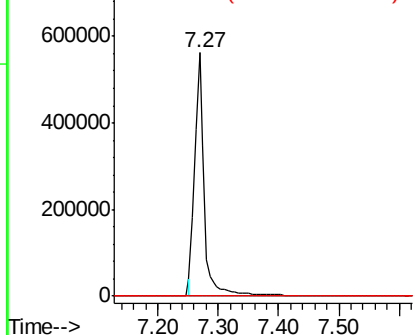


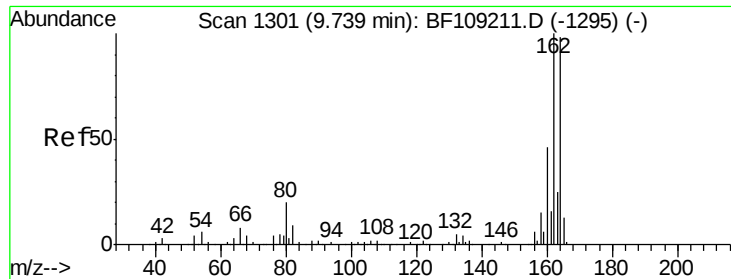
#25
Isophorone
Concen: 58.576 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109592.D
Acq: 4 Oct 2018 17:40

Tgt Ion: 82 Resp: 624842
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

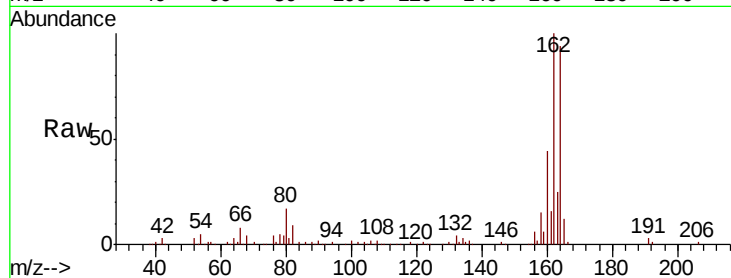




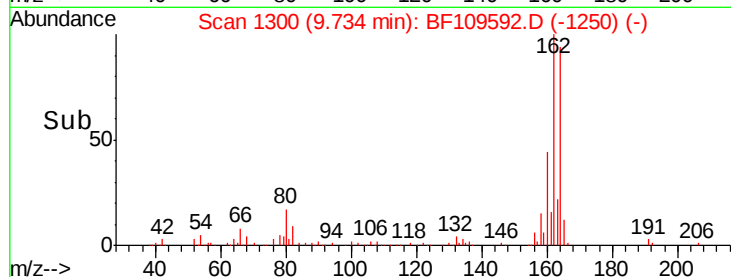
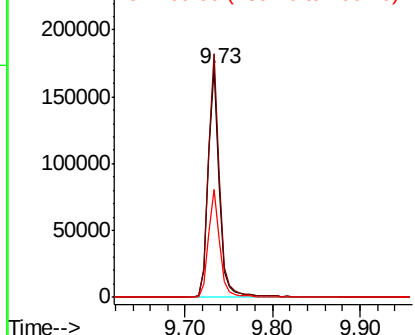
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109592.D
 Acq: 4 Oct 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-D-B

Tgt Ion:164 Resp: 154042
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 47.1 38.3 57.5

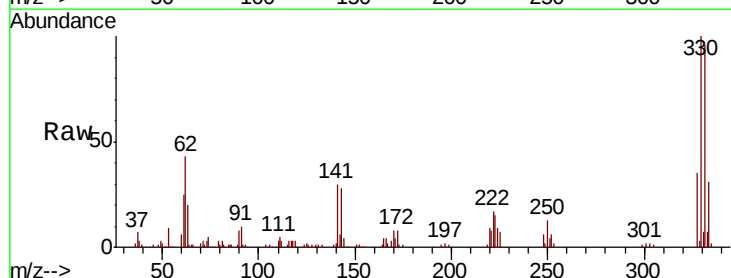


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

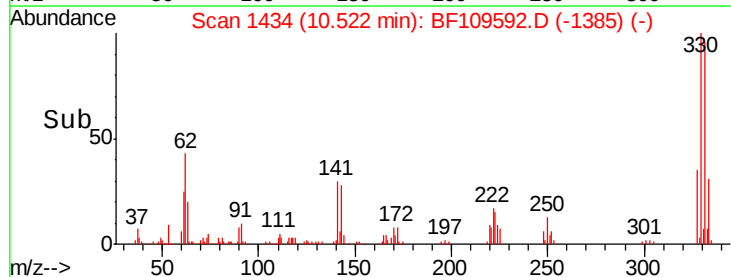
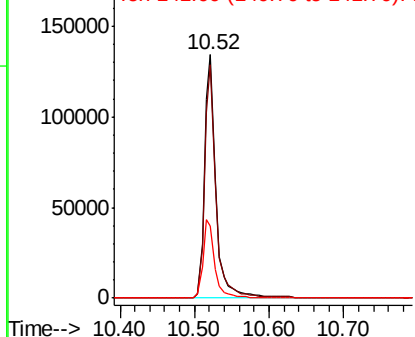


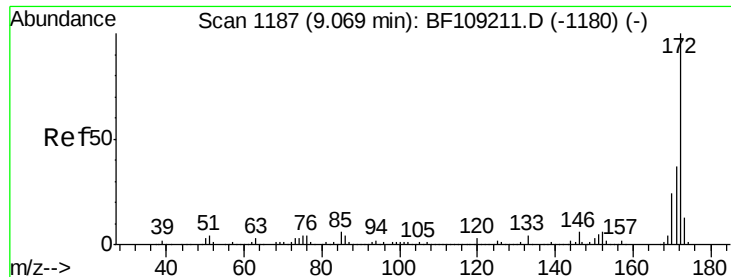
#41
 2,4,6-Tribromophenol
 Concen: 95.752 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109592.D
 Acq: 4 Oct 2018 17:40

Tgt Ion:330 Resp: 145403
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 33.4 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

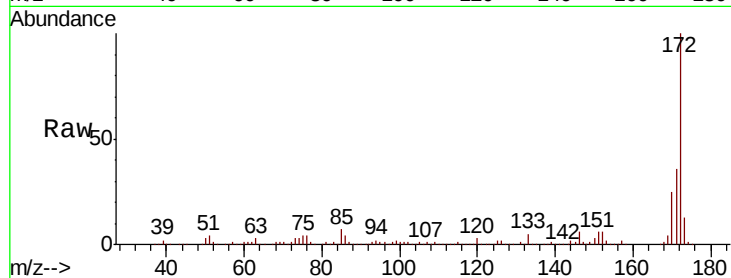




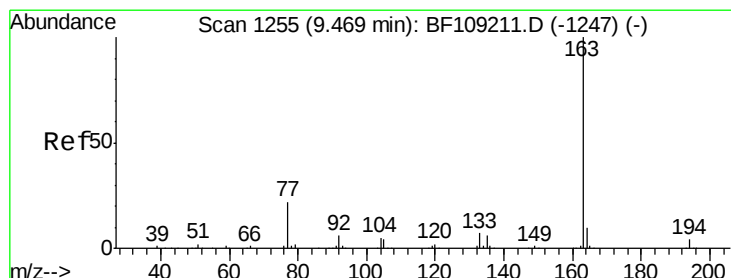
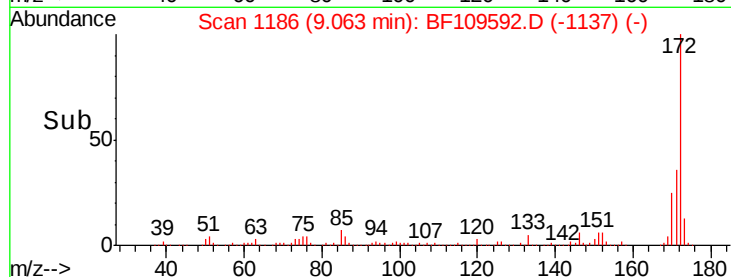
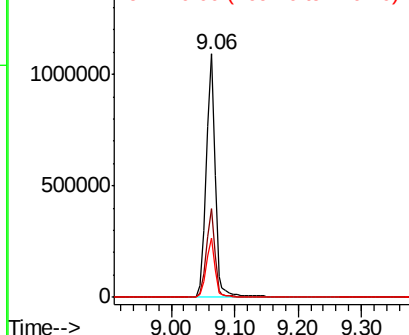
#44
 2-Fluorobiphenyl
 Concen: 105.753 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109592.D
 Acq: 4 Oct 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-D-B

Tgt Ion:172 Resp: 1080123
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.5 19.6 29.4

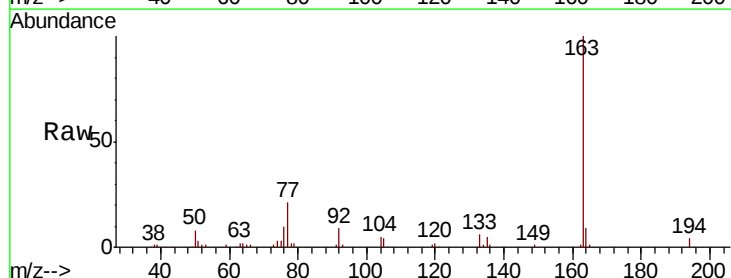


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

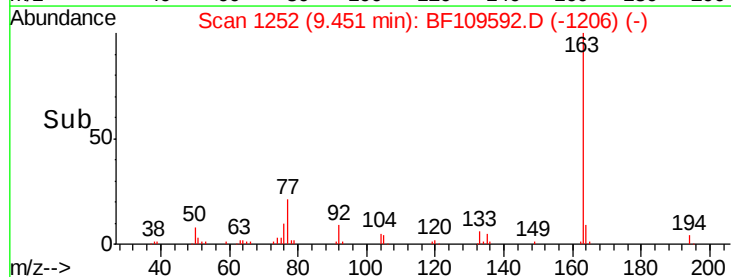
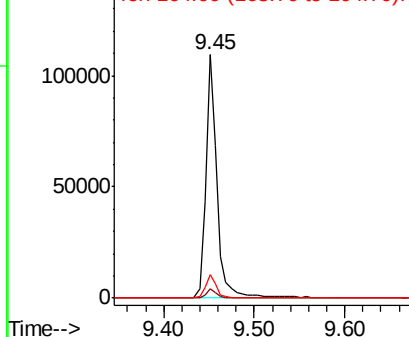


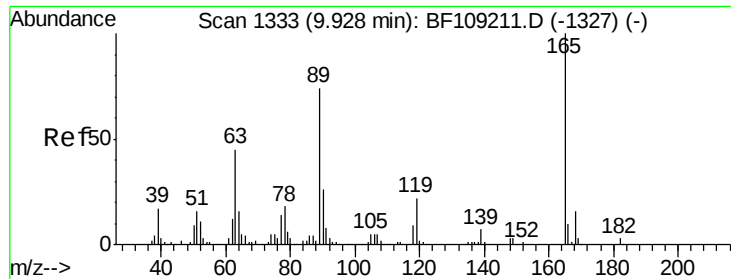
#49
 Dimethylphthalate
 Concen: 8.583 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109592.D
 Acq: 4 Oct 2018 17:40

Tgt Ion:163 Resp: 96168
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 9.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 150000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

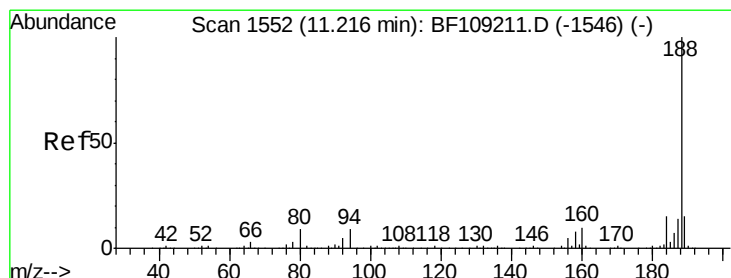
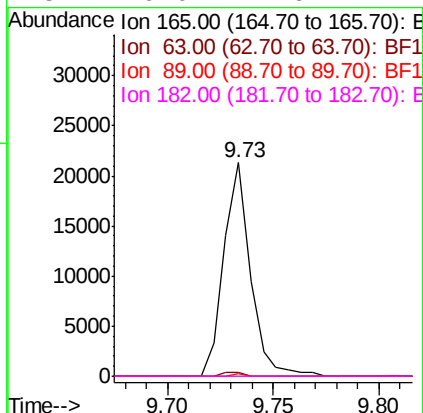
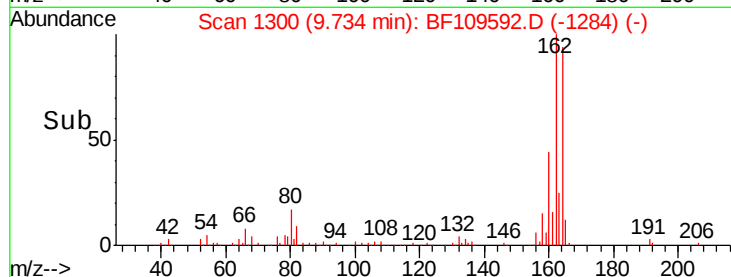
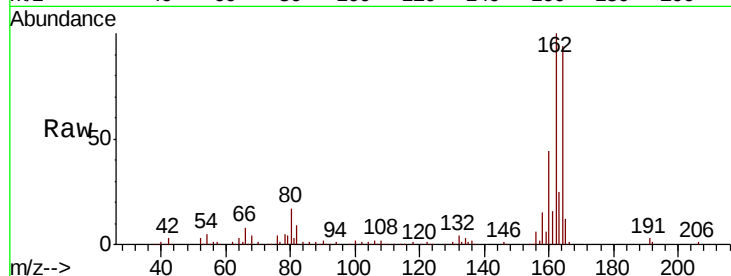




#56
 2,4-Dinitrotoluene
 Concen: 6.639 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109592.D
 Acq: 4 Oct 2018 17:40

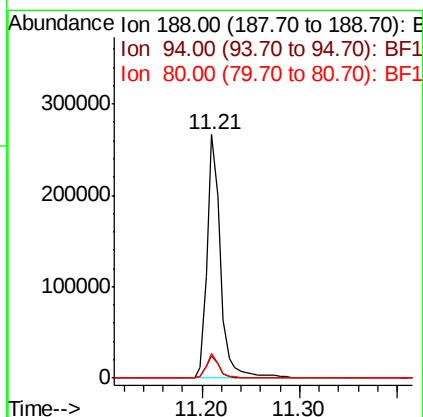
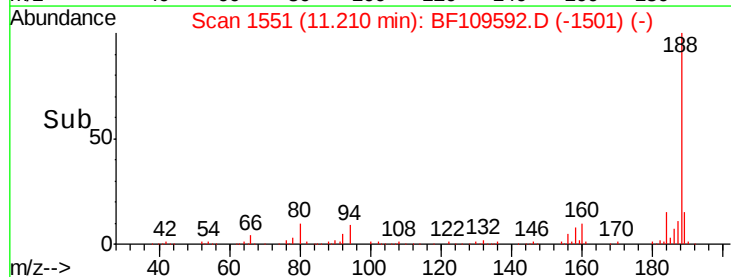
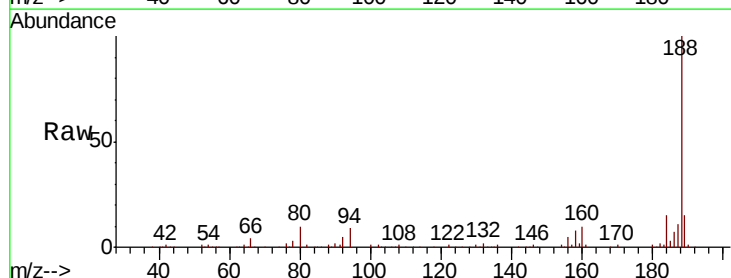
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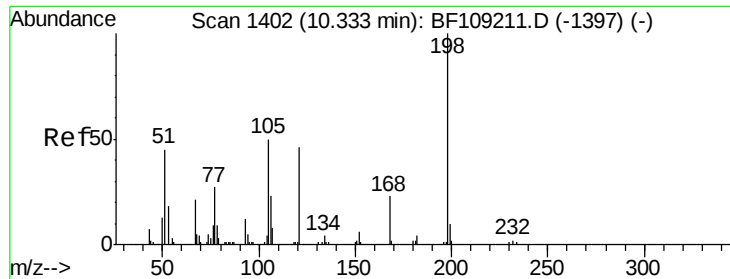
Tgt Ion:165 Resp: 18639
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109592.D
 Acq: 4 Oct 2018 17:40

Tgt Ion:188 Resp: 256533
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 10.1 9.2 13.8

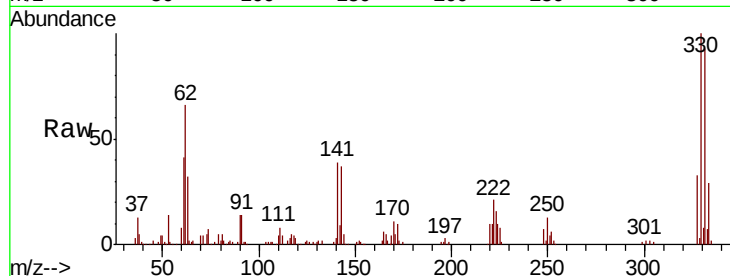




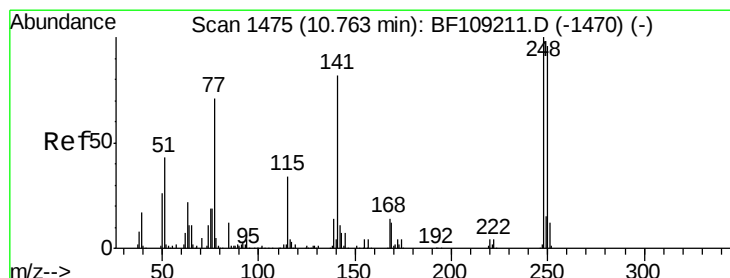
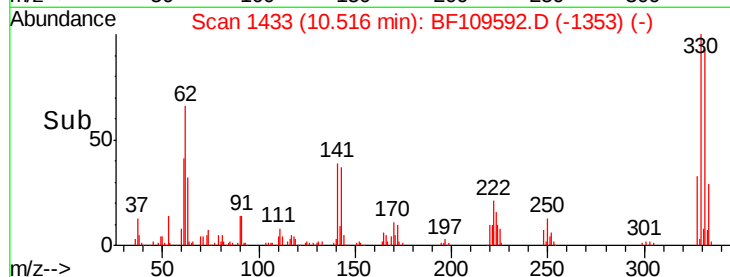
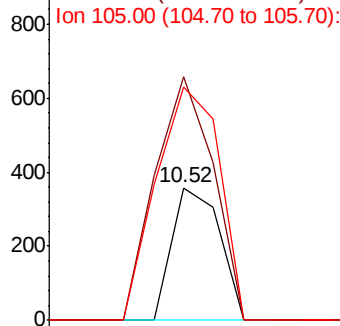
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.717 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109592.D
 Acq: 4 Oct 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-D-B

Tgt Ion:198 Resp: 235
 Ion Ratio Lower Upper
 198 100
 51 183.8 37.7 77.7#
 105 175.7 36.3 76.3#

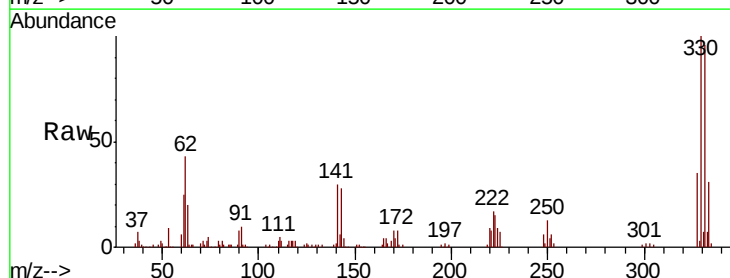


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

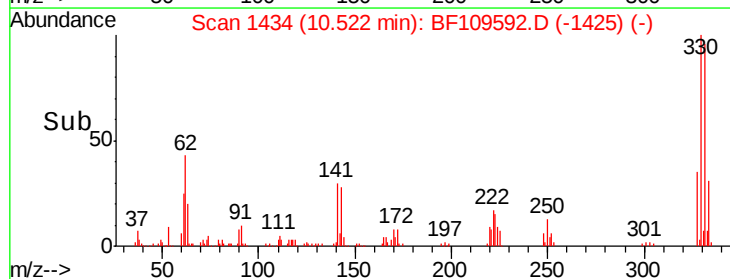
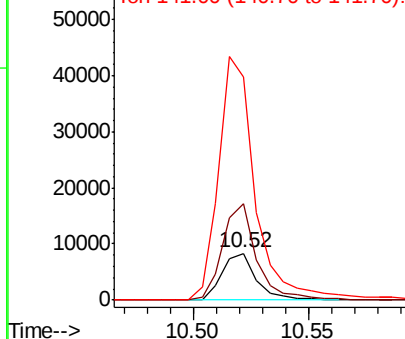


#66
 4-Bromophenyl-phenylether
 Concen: 2.998 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109592.D
 Acq: 4 Oct 2018 17:40

Tgt Ion:248 Resp: 8540
 Ion Ratio Lower Upper
 248 100
 250 206.3 76.9 115.3#
 141 475.7 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: BF109592.D

Acq: 4 Oct 2018 17:40

Instrument :

BNA_F

ClientSampleId :

100218-SIDI-E-D-B

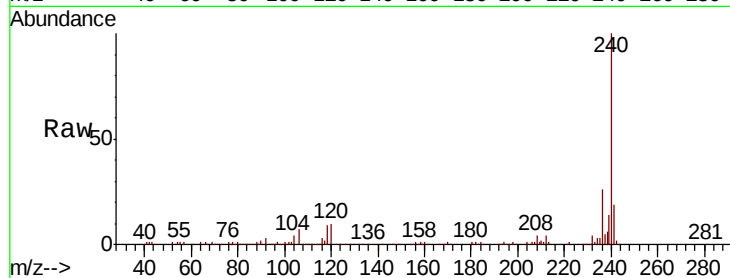
Tgt Ion:240 Resp: 209448

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

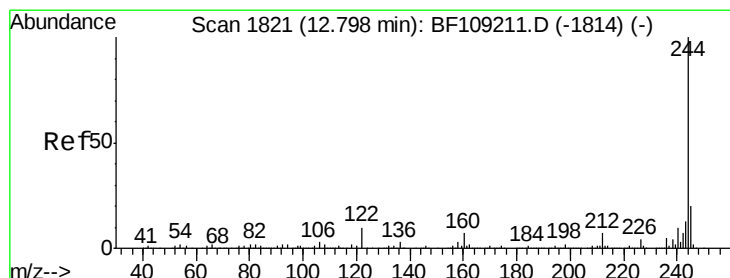
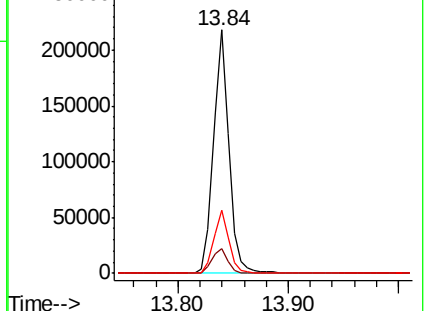
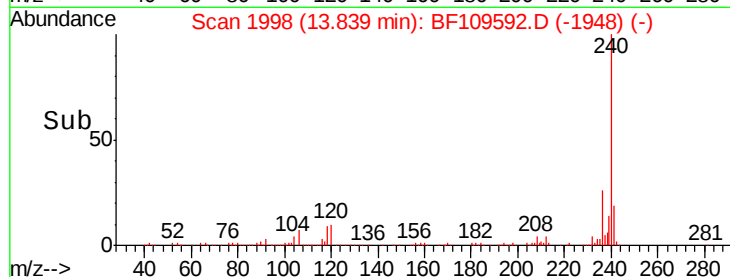
236 26.0 20.7 31.1



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: 100.649 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109592.D

Acq: 4 Oct 2018 17:40

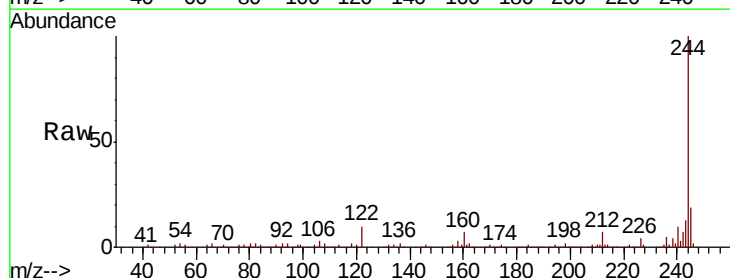
Tgt Ion:244 Resp: 858974

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

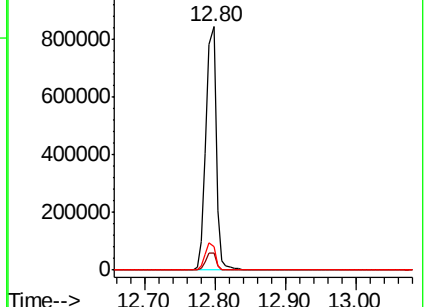
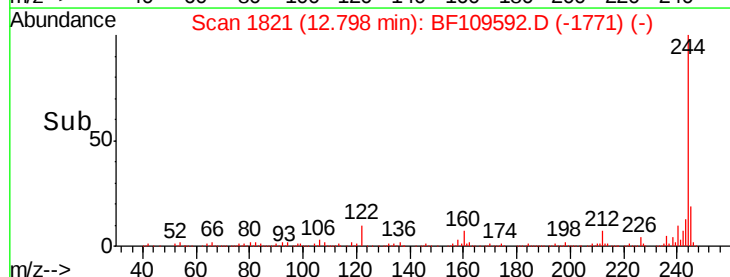
122 9.7 11.0 16.4#

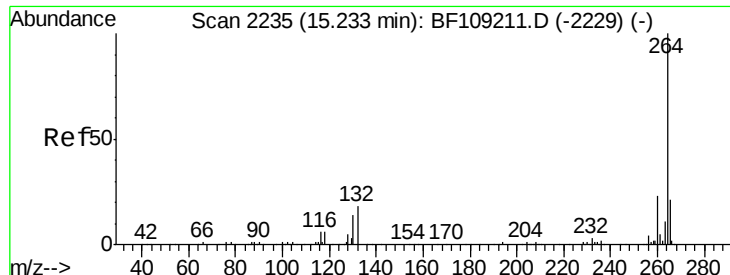


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109592.D
Acq: 4 Oct 2018 17:40

Instrument :
BNA_F
ClientSampleId :
100218-SIDI-E-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.9	17.5	26.3

