

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109572.D
 Acq On : 4 Oct 2018 3:41
 Operator : JU/SJ
 Sample : J5221-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-SIDI-E-D-M

Quant Time: Oct 04 07:14:17 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

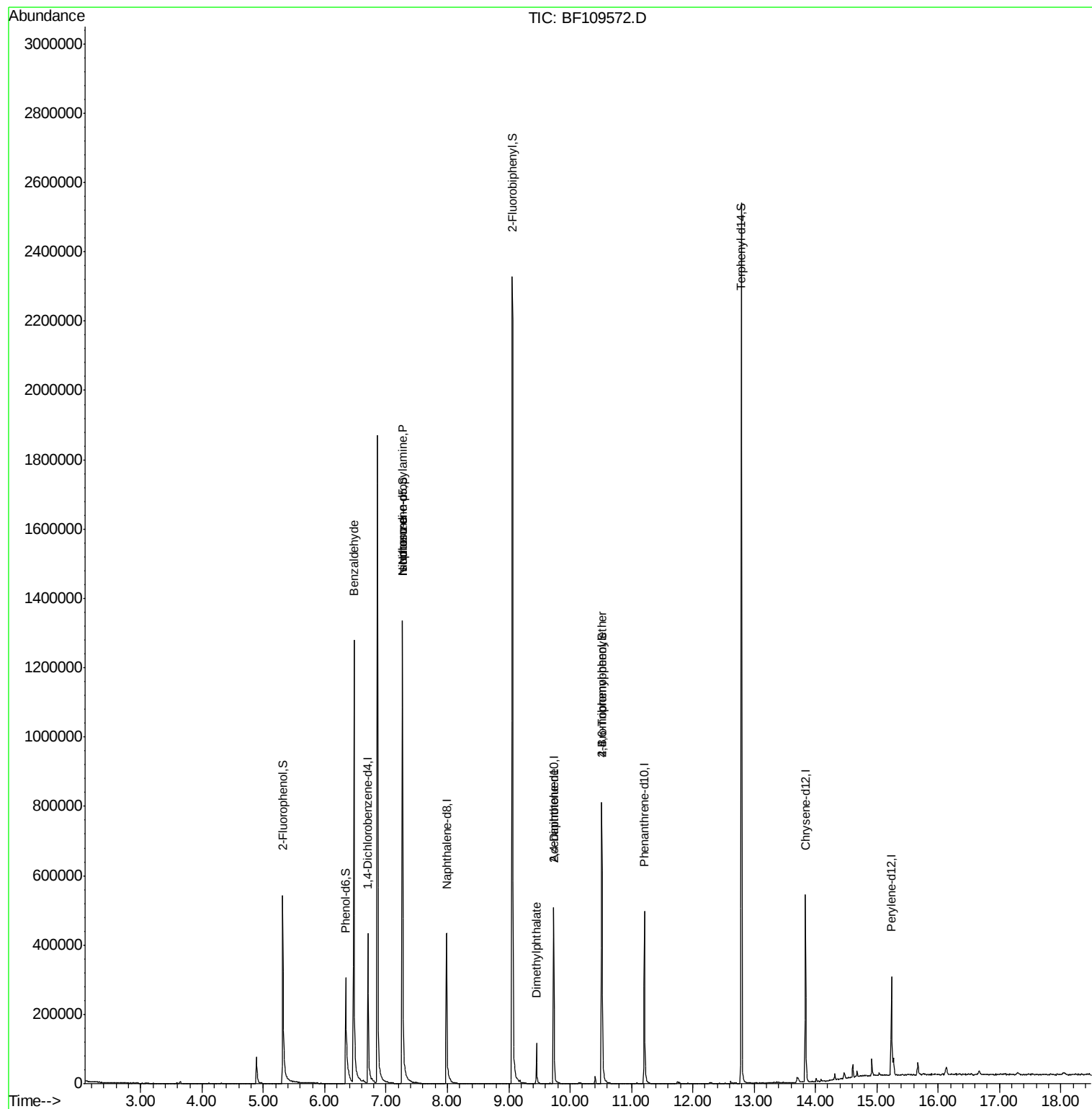
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	82979	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	279170	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	111786	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	213605	20.00	ng	0.00
75) Chrysene-d12	13.84	240	215898	20.00	ng	0.00
86) Perylene-d12	15.24	264	142616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	213881	42.45	ng	0.00
7) Phenol-d6	6.34	99	171827	26.73	ng	-0.02
23) Nitrobenzene-d5	7.27	82	544071	115.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	117341	106.48	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	883268	119.17	ng	-0.01
78) Terphenyl-d14	12.79	244	919681	104.54	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	8863	2.146	ng	# 74
19) n-Nitroso-di-n-propylamine	7.27	70	71798	17.044	ng	# 77
25) Isophorone	7.27	82	522884	61.400	ng	# 64
49) Dimethylphthalate	9.45	163	55790	6.862	ng	100
56) 2,4-Dinitrotoluene	9.73	165	13399	6.576	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	7158	3.018	ng	# 1

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

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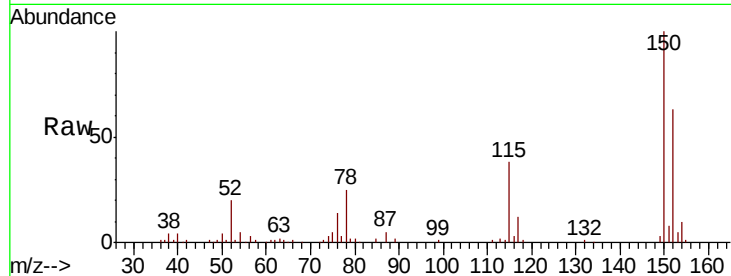




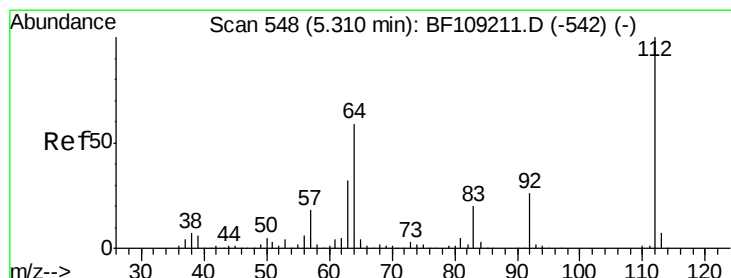
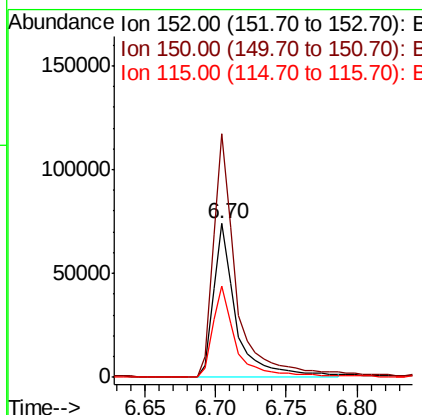
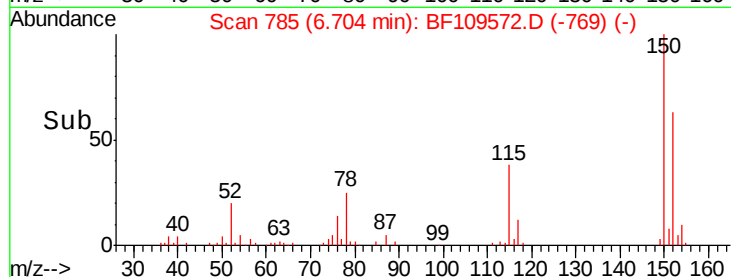
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109572.D
 Acq: 4 Oct 2018 3:41

Instrument :
 BNA_F
 ClientSampleId :
 100118-SIDI-E-D-M

Tgt Ion:152 Resp: 82979
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 59.6 50.1 75.1

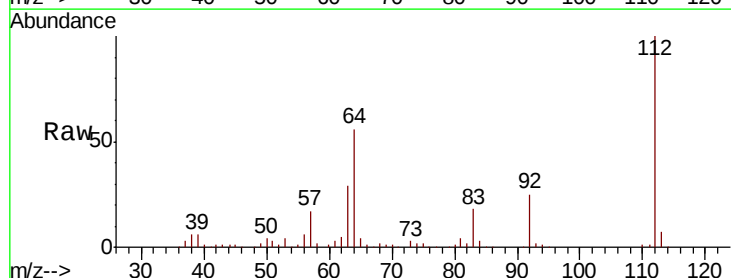


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

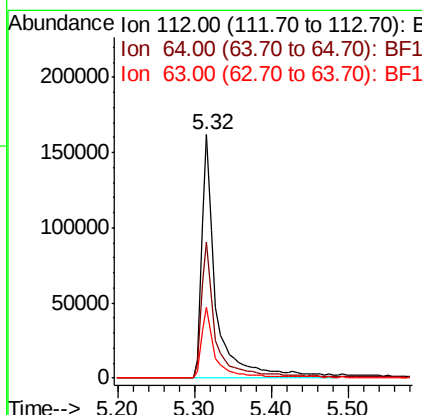
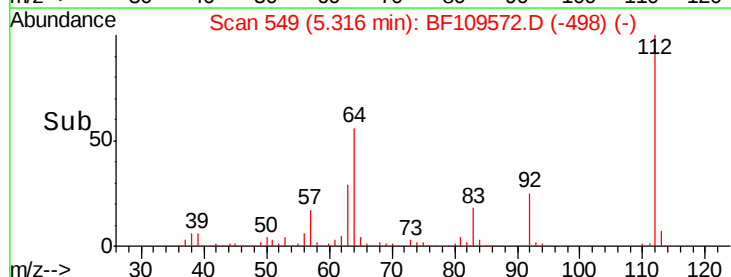


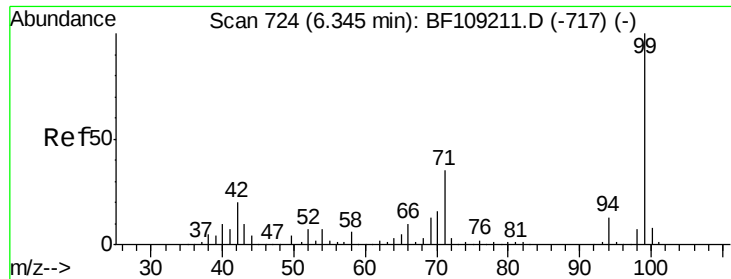
#5
 2-Fluorophenol
 Concen: 42.454 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109572.D
 Acq: 4 Oct 2018 3:41

Tgt Ion:112 Resp: 213881
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 29.3 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: 26.728 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109572.D

Acq: 4 Oct 2018 3:41

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-D-M

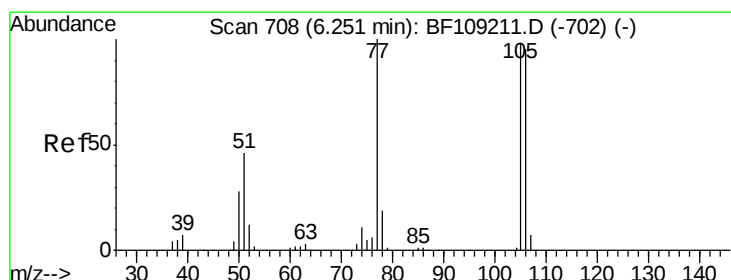
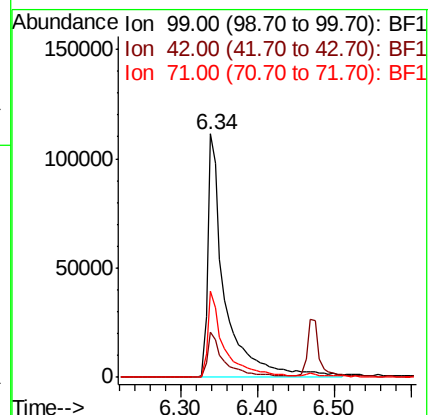
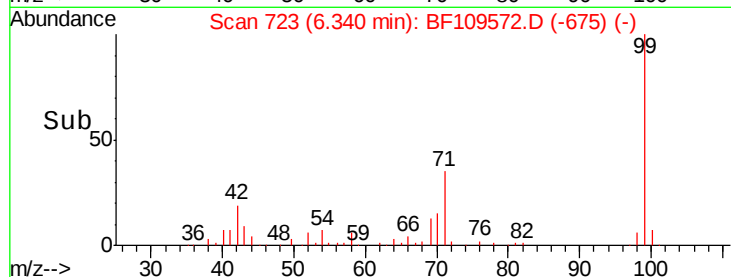
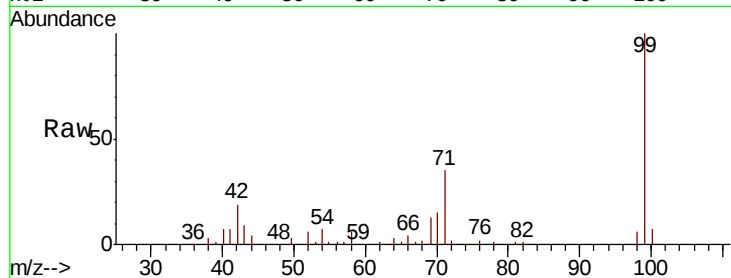
Tgt Ion: 99 Resp: 171827

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 35.3 25.4 38.0



#9

Benzaldehyde

Concen: 2.146 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109572.D

Acq: 4 Oct 2018 3:41

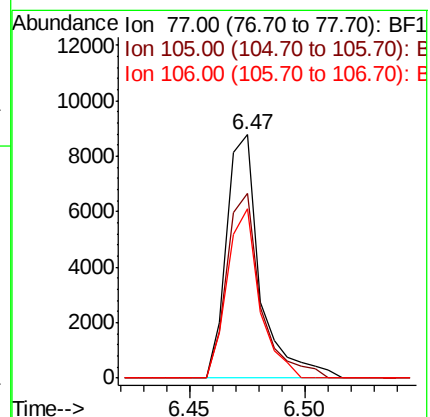
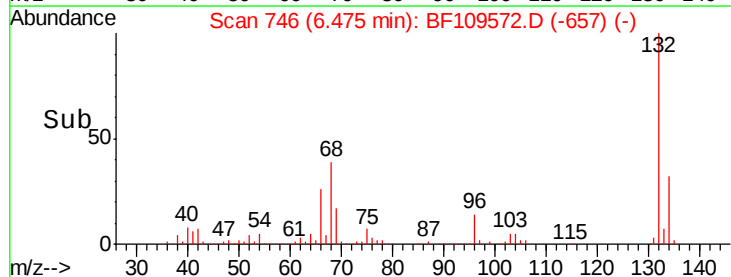
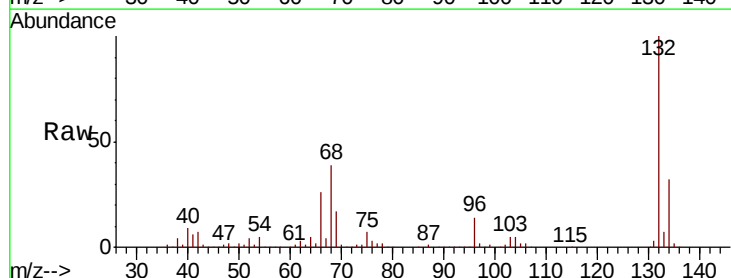
Tgt Ion: 77 Resp: 8863

Ion Ratio Lower Upper

77 100

105 75.7 81.1 121.1#

106 69.4 74.5 114.5#

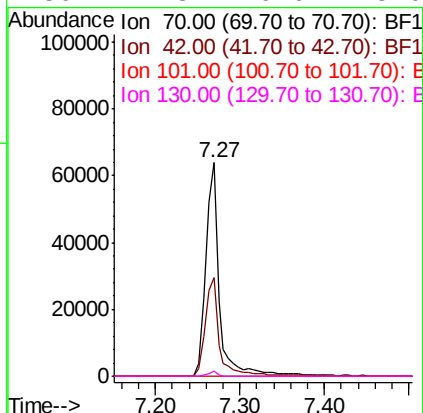
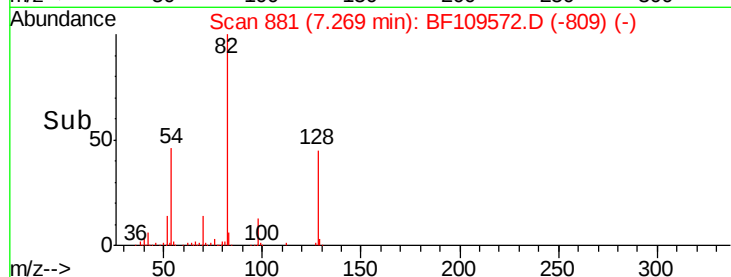
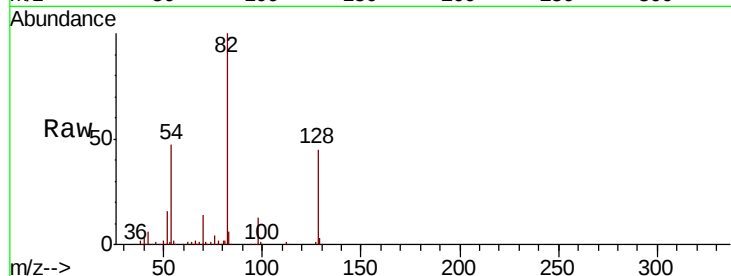




#19
n-Nitroso-di-n-propylamine
Concen: 17.044 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109572.D
Acq: 4 Oct 2018 3:41

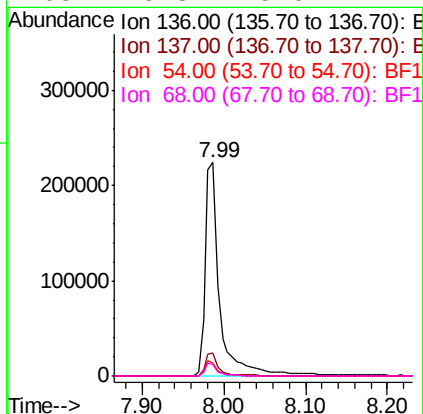
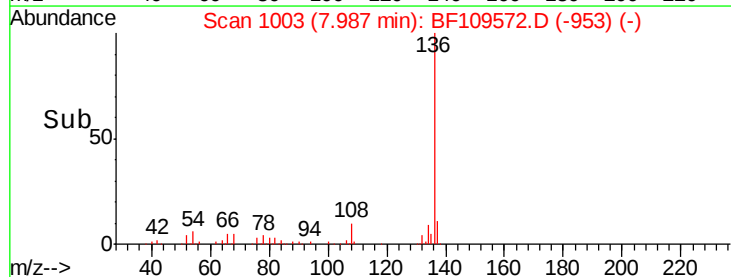
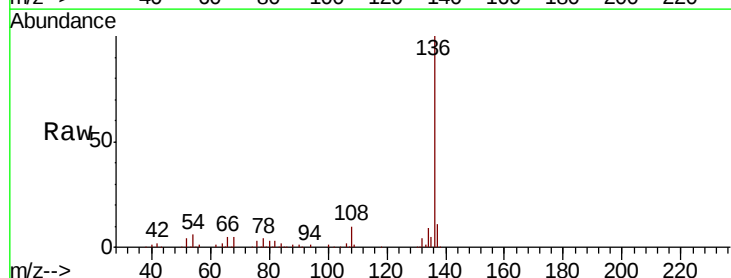
Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-D-M

Tgt Ion: 70 Resp: 71798
Ion Ratio Lower Upper
70 100
42 46.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 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: BF109572.D
Acq: 4 Oct 2018 3:41

Tgt Ion: 136 Resp: 279170
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.2 6.6 9.8#
68 5.3 5.0 7.4

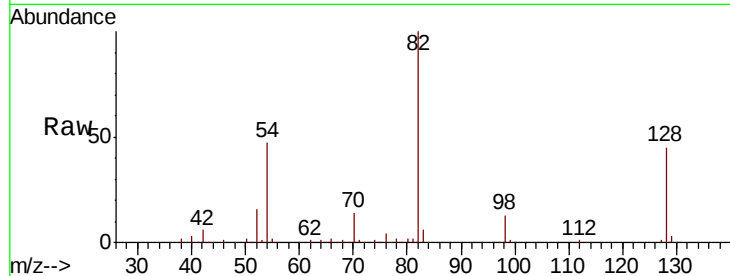




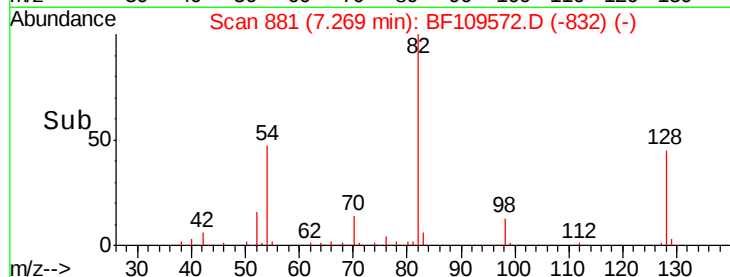
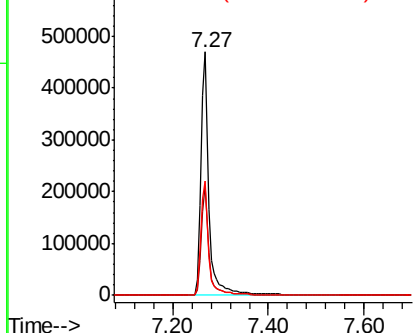
#23
Nitrobenzene-d5
Concen: 115.046 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109572.D
Acq: 4 Oct 2018 3:41

Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-D-M

Tgt Ion: 82 Resp: 544071
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 46.8 41.4 62.2

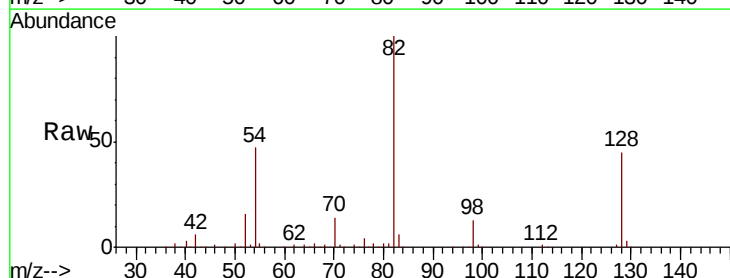


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

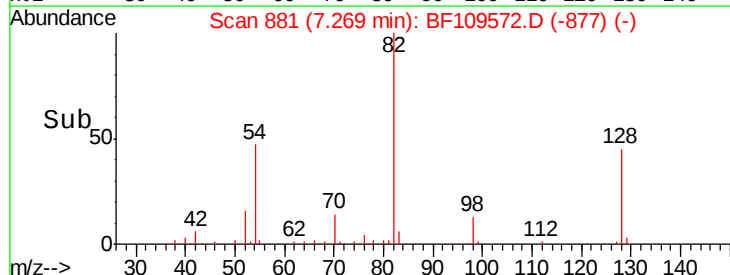
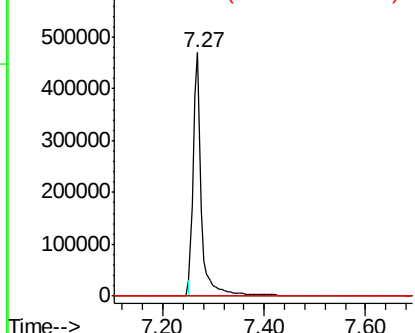


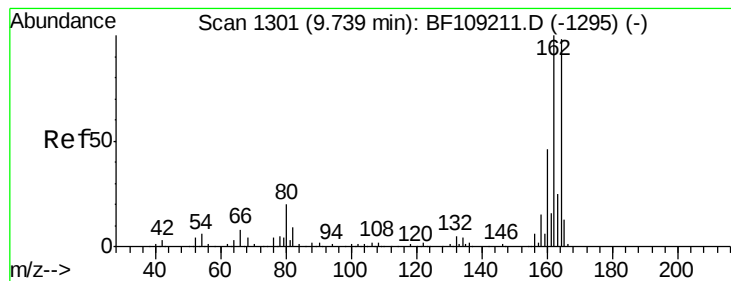
#25
Isophorone
Concen: 61.400 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109572.D
Acq: 4 Oct 2018 3:41

Tgt Ion: 82 Resp: 522884
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: BF109572.D

Acq: 4 Oct 2018 3:41

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-D-M

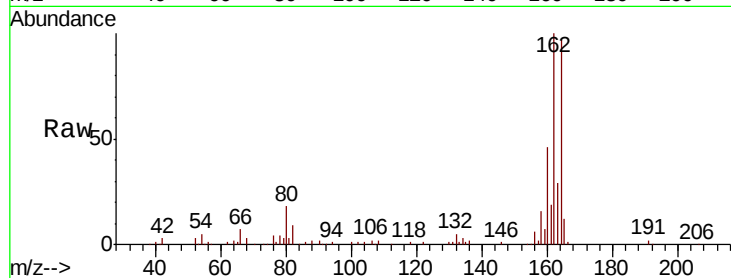
Tgt Ion:164 Resp: 111786

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

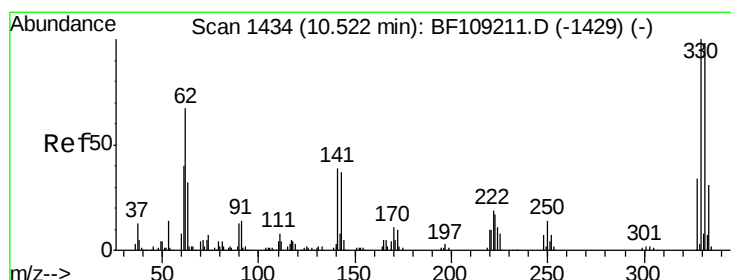
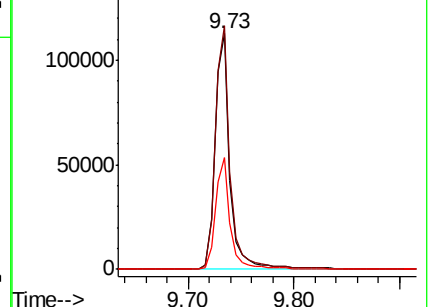
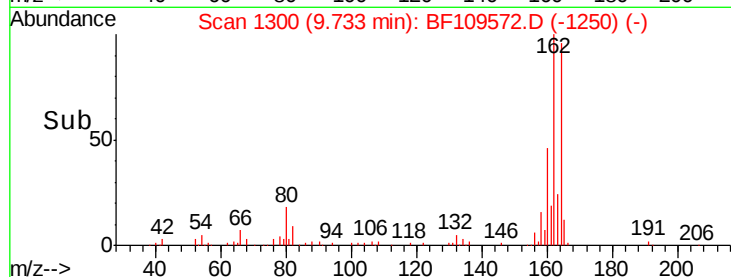
160 47.6 38.3 57.5



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: 106.482 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109572.D

Acq: 4 Oct 2018 3:41

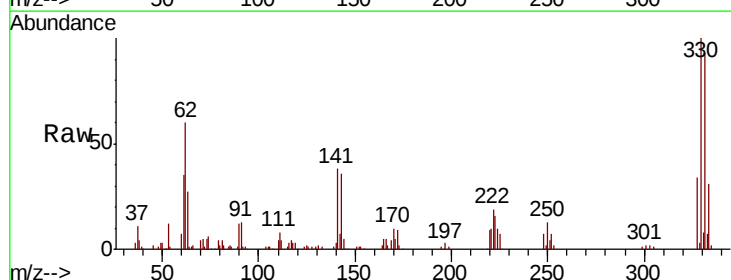
Tgt Ion:330 Resp: 117341

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

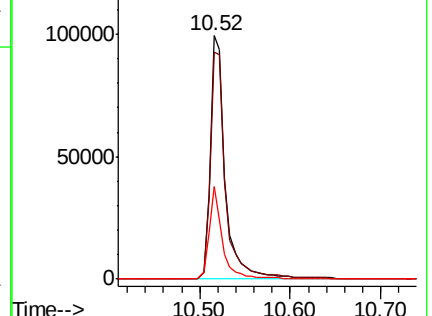
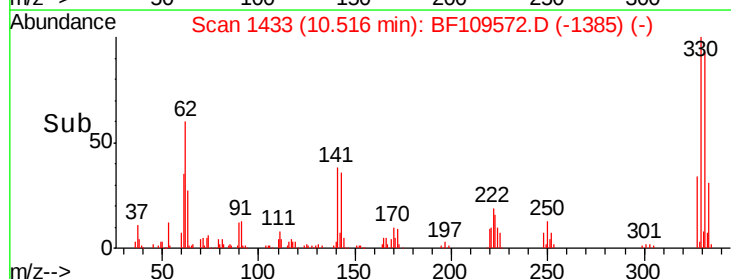
141 33.4 29.9 44.9



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

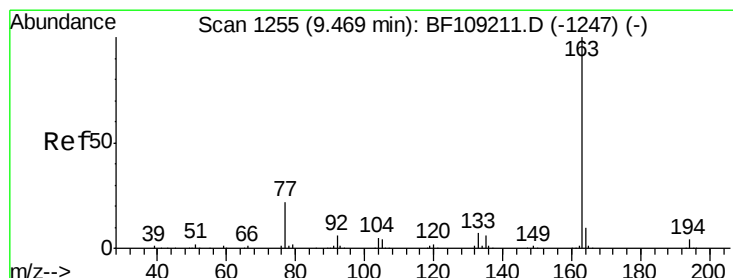
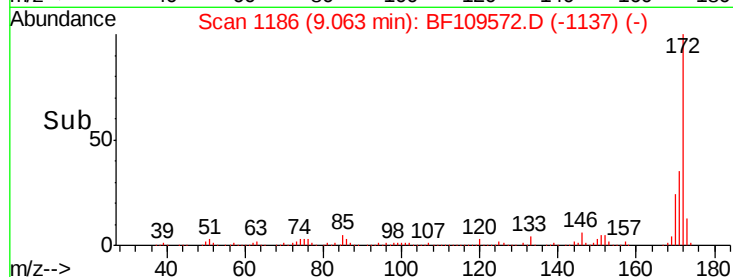
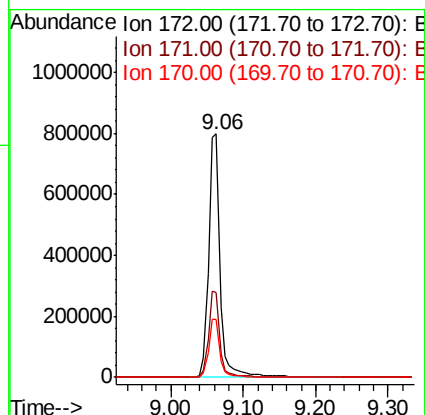
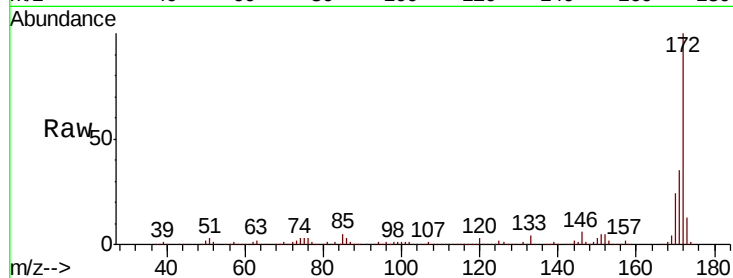




#44
2-Fluorobiphenyl
Concen: 119.169 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109572.D
Acq: 4 Oct 2018 3:41

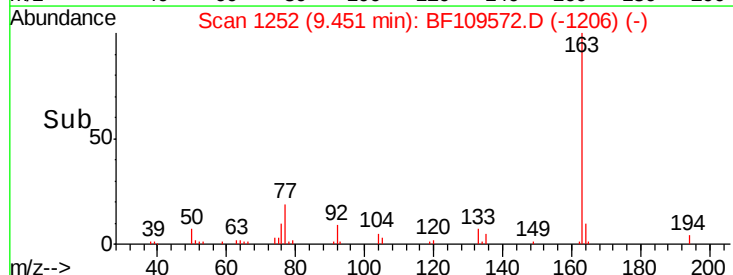
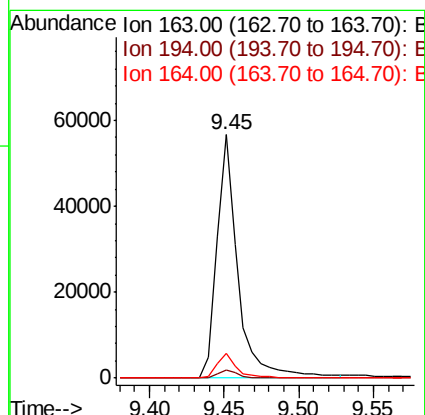
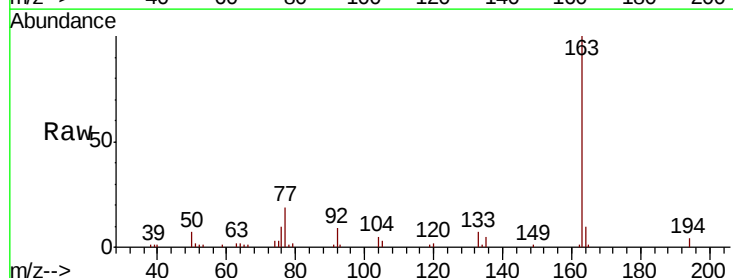
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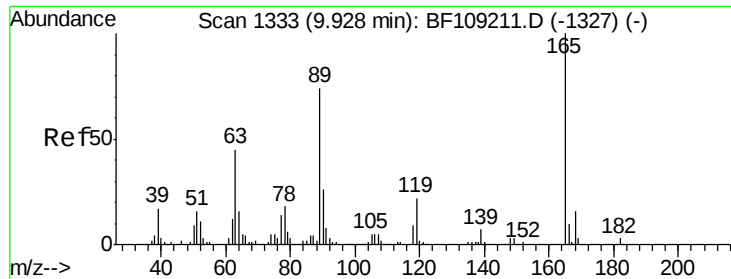
Tgt Ion:172 Resp: 883268
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 6.862 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109572.D
Acq: 4 Oct 2018 3:41

Tgt Ion:163 Resp: 55790
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2

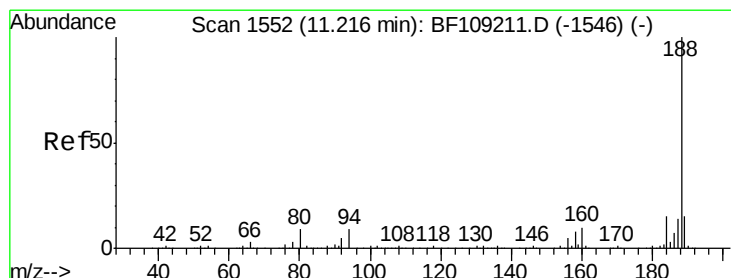
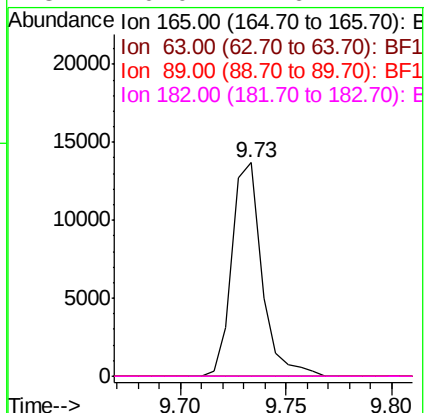
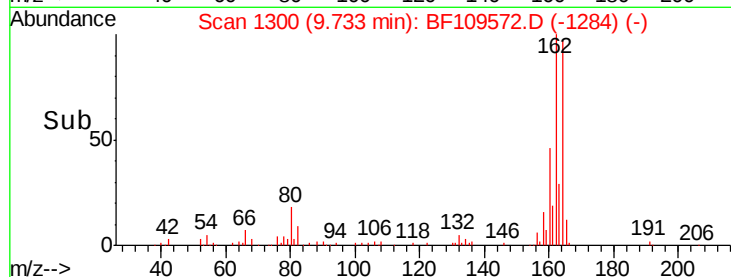
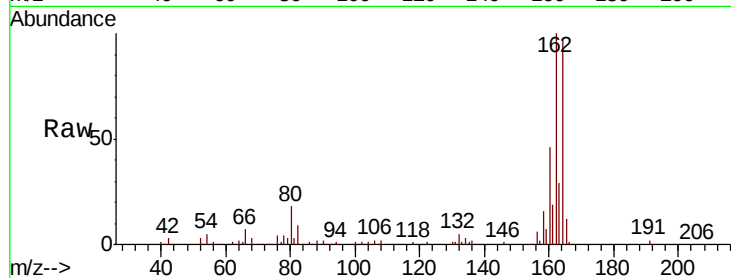




#56
2,4-Dinitrotoluene
Concen: 6.576 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109572.D
Acq: 4 Oct 2018 3:41

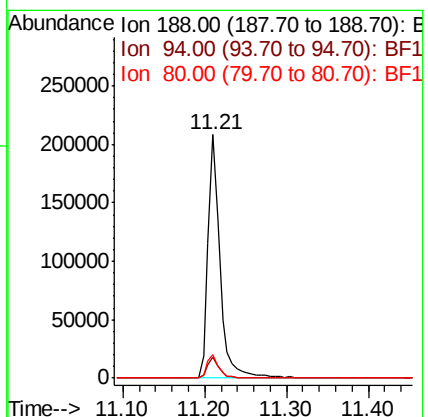
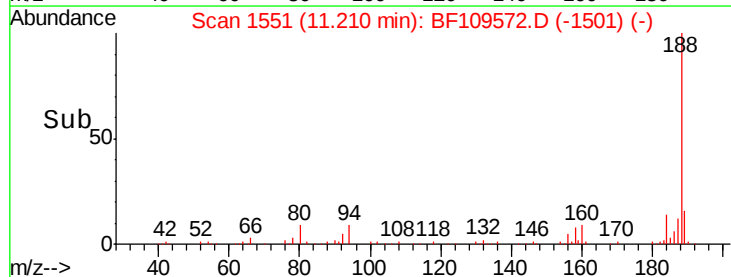
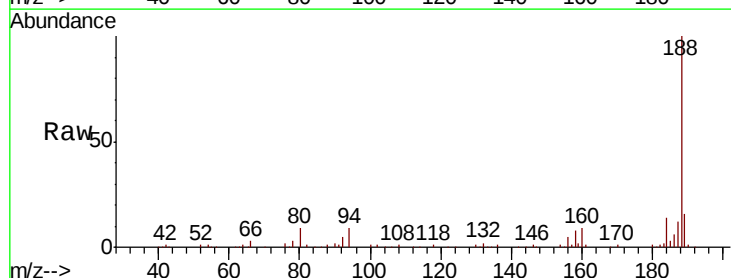
Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109572.D
Acq: 4 Oct 2018 3:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8

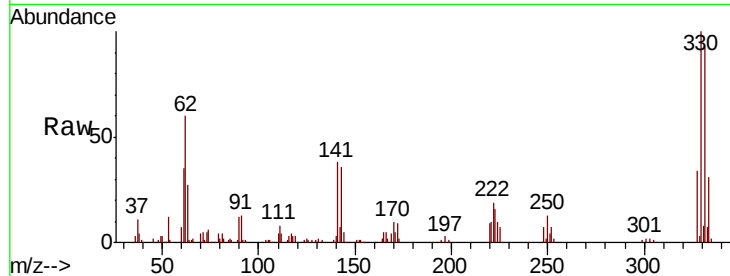




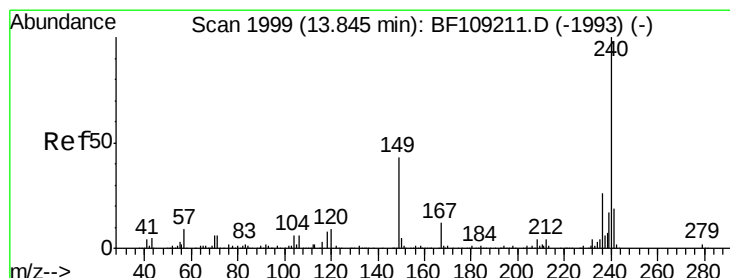
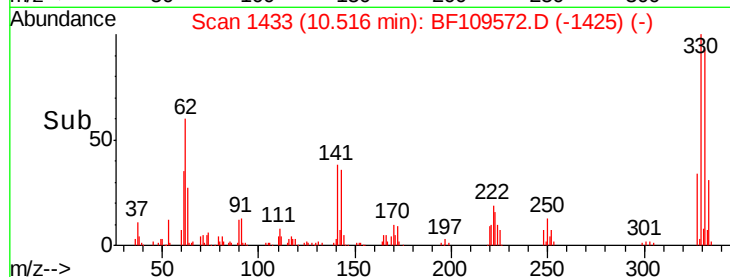
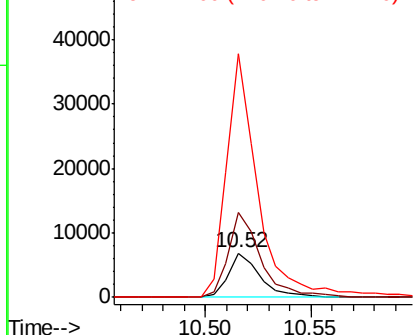
#66
4-Bromophenyl-phenylether
Concen: 3.018 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109572.D
Acq: 4 Oct 2018 3:41

Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-D-M

Tgt Ion:248 Resp: 7158
Ion Ratio Lower Upper
248 100
250 193.1 76.9 115.3#
141 553.3 74.4 111.6#

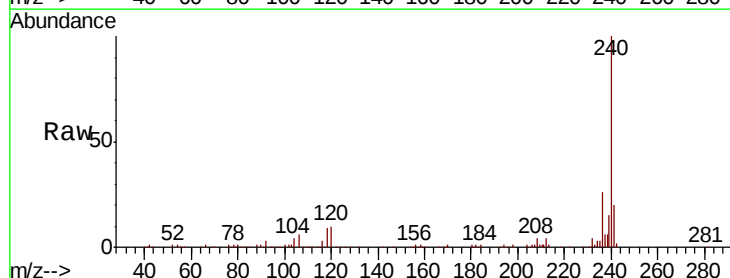


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

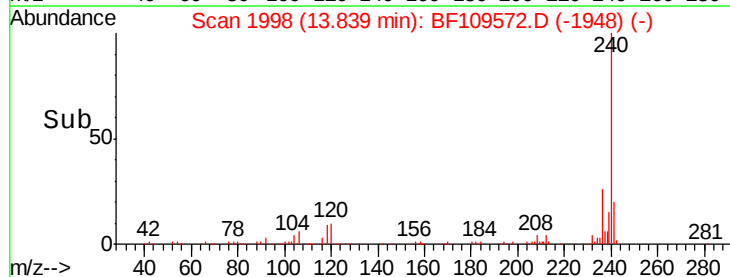
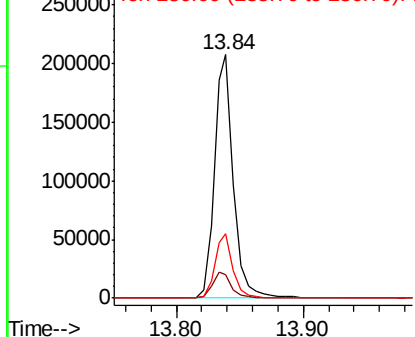


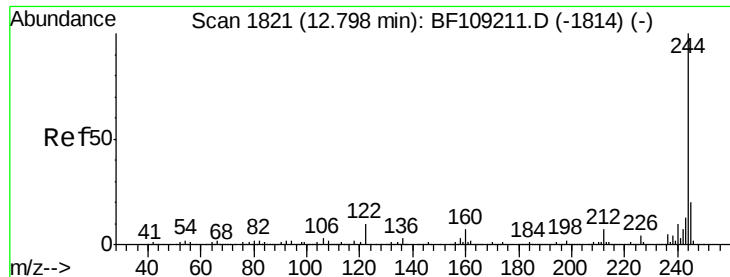
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109572.D
Acq: 4 Oct 2018 3:41

Tgt Ion:240 Resp: 215898
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 26.3 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: 104.542 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109572.D

Acq: 4 Oct 2018 3:41

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-D-M

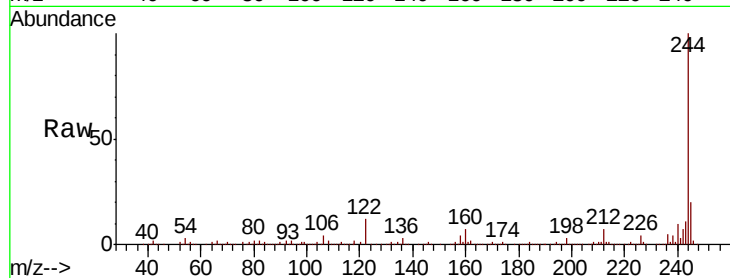
Tgt Ion:244 Resp: 919681

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

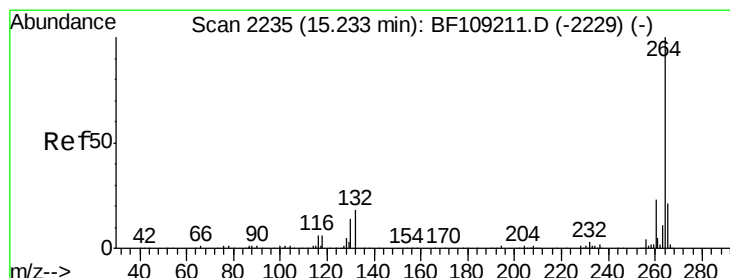
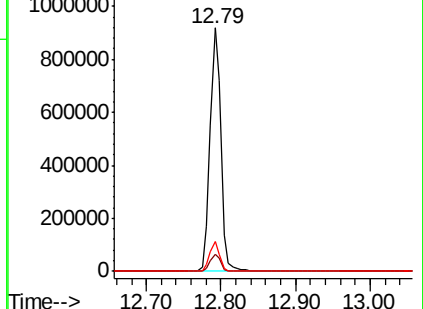
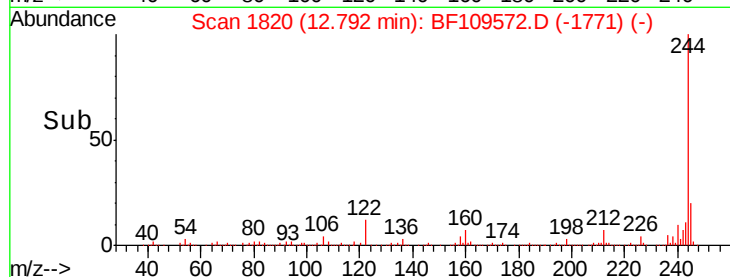
122 12.0 11.0 16.4



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: BF109572.D

Acq: 4 Oct 2018 3:41

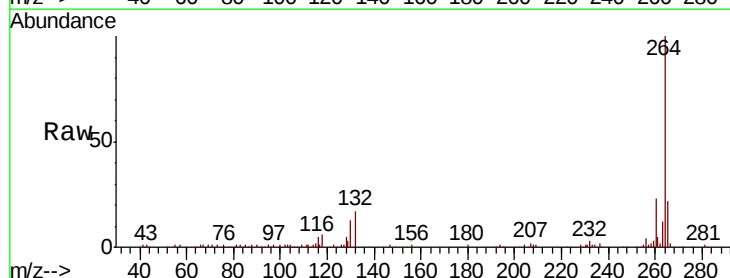
Tgt Ion:264 Resp: 142616

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

