

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109593.D
 Acq On : 4 Oct 2018 18:06
 Operator : JU/SJ
 Sample : J5241-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 05 01:30:41 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

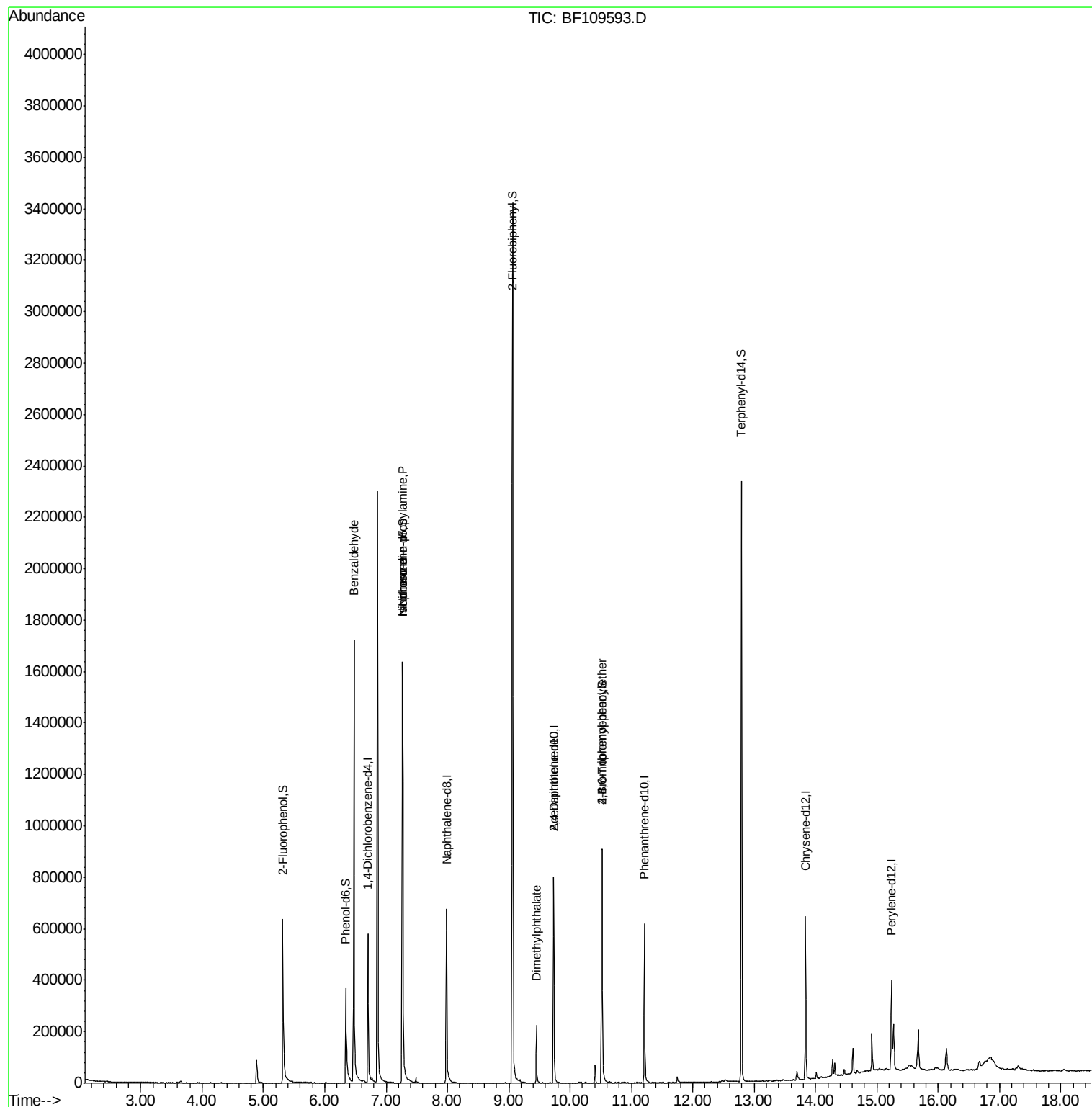
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100721	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	375808	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	157119	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	242504	20.00	ng	0.00
75) Chrysene-d12	13.84	240	222515	20.00	ng	0.00
86) Perylene-d12	15.24	264	176790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	236872	38.74	ng	0.00
7) Phenol-d6	6.35	99	188139	24.11	ng	-0.01
23) Nitrobenzene-d5	7.27	82	691406	108.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	136093	87.87	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1118578	107.37	ng	-0.01
78) Terphenyl-d14	12.79	244	882811	97.37	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	10890	2.172	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	93365	18.260	ng	# 78
25) Isophorone	7.27	82	663390	57.868	ng	# 64
49) Dimethylphthalate	9.45	163	90612	7.929	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	19535	6.822	ng	# 24
66) 4-Bromophenyl-phenylether	10.52	248	7931	2.945	ng	# 1

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

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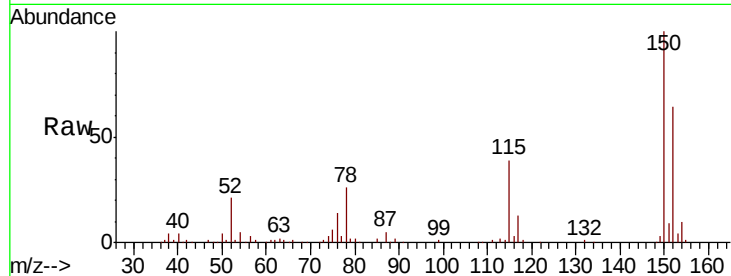


#1

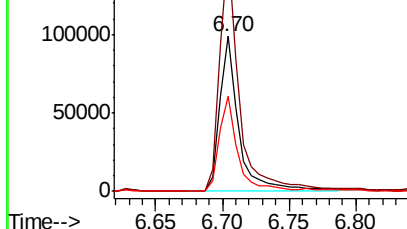
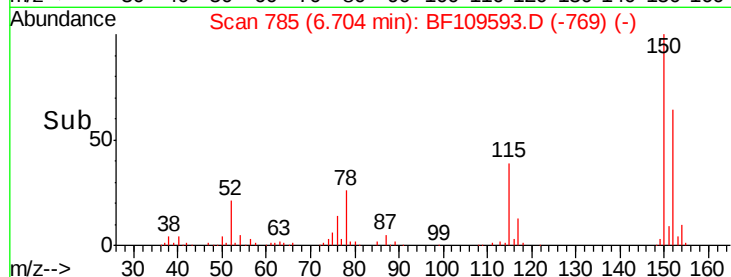
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109593.D
Acq: 4 Oct 2018 18:06

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

Tgt Ion:152 Resp: 100721
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 61.3 50.1 75.1



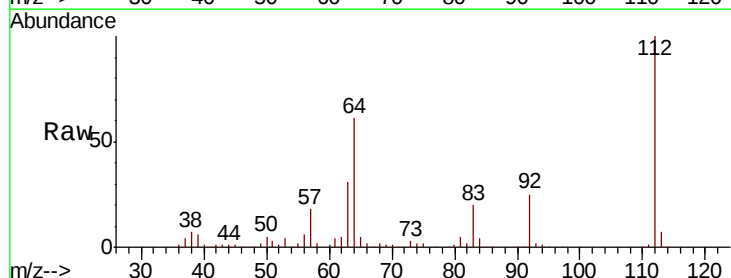
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



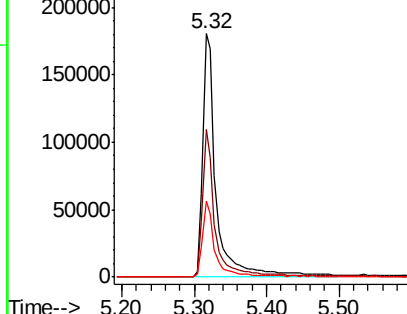
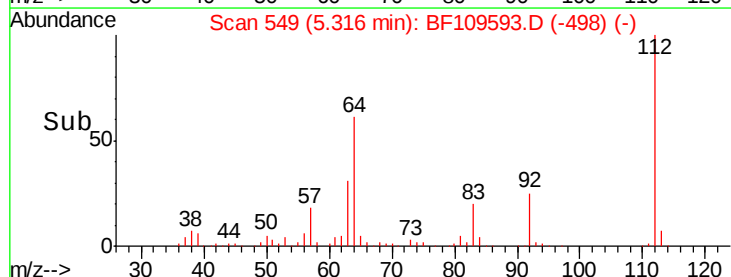
#5

2-Fluorophenol
Concen: 38.735 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109593.D
Acq: 4 Oct 2018 18:06

Tgt Ion:112 Resp: 236872
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 31.4 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: 24.111 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109593.D

Acq: 4 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

100218-SIDI-E-D-M

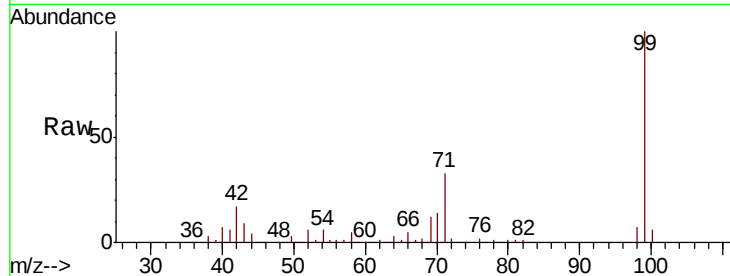
Tgt Ion: 99 Resp: 188139

Ion Ratio Lower Upper

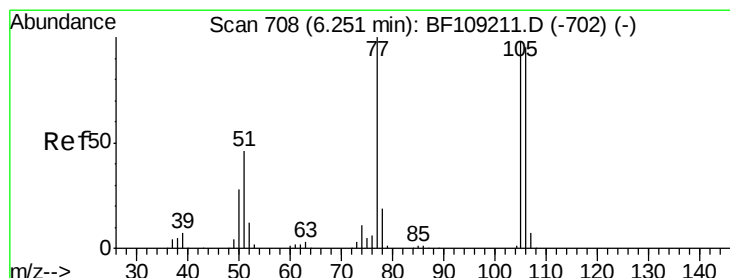
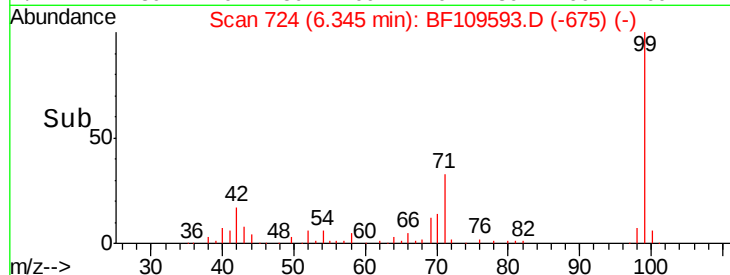
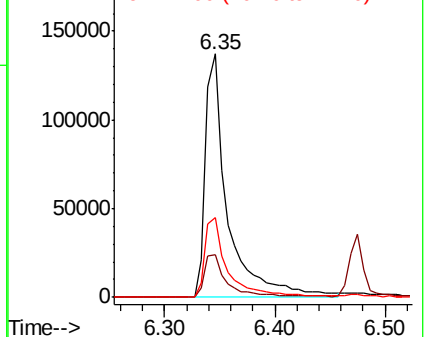
99 100

42 17.3 14.5 21.7

71 32.8 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: 2.172 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109593.D

Acq: 4 Oct 2018 18:06

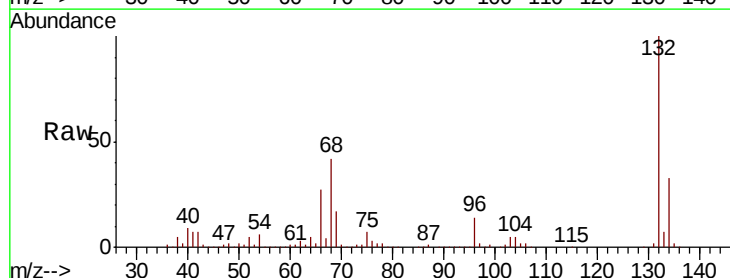
Tgt Ion: 77 Resp: 10890

Ion Ratio Lower Upper

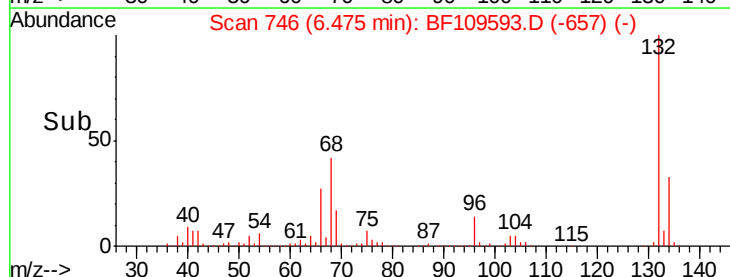
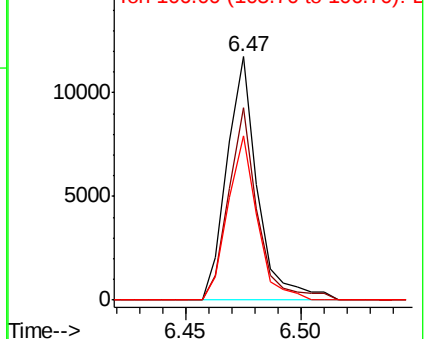
77 100

105 79.1 81.1 121.1#

106 67.5 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

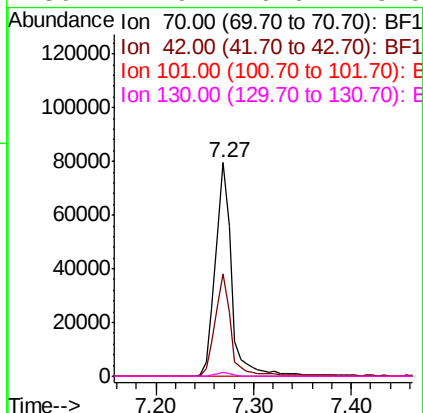
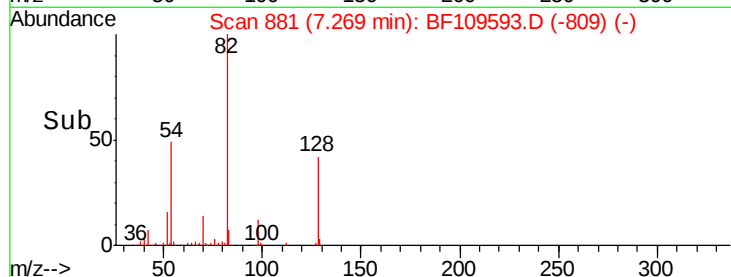
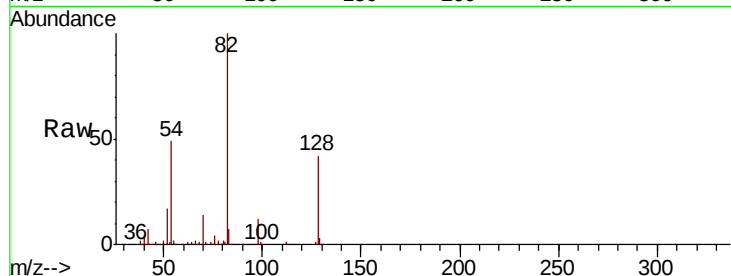




#19
n-Nitroso-di-n-propylamine
Concen: 18.260 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109593.D
Acq: 4 Oct 2018 18:06

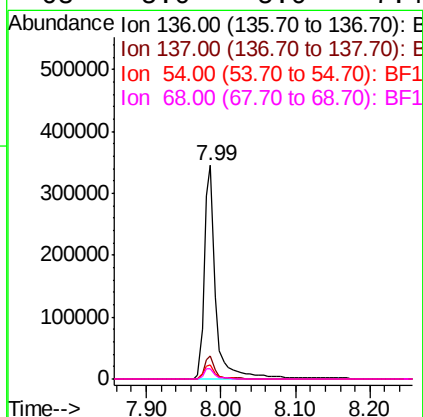
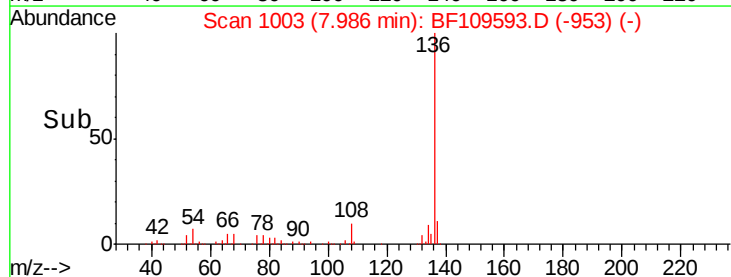
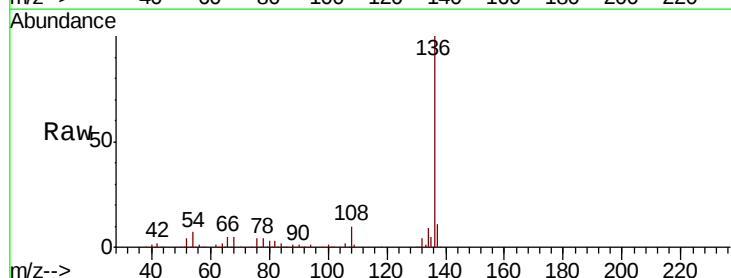
Instrument :
BNA_F
ClientSampleId :
100218-SIDI-E-D-M

Tgt Ion: 70 Resp: 93365
Ion Ratio Lower Upper
70 100
42 48.1 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 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: BF109593.D
Acq: 4 Oct 2018 18:06

Tgt Ion: 136 Resp: 375808
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.5 6.6 9.8#
68 5.0 5.0 7.4

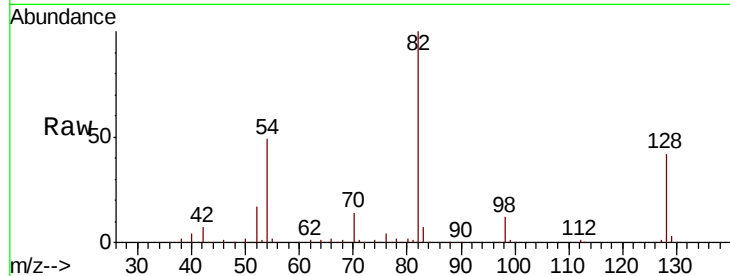




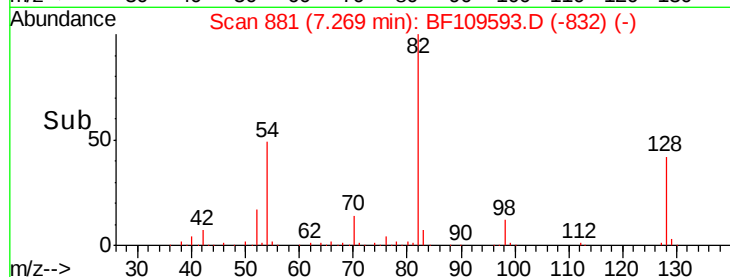
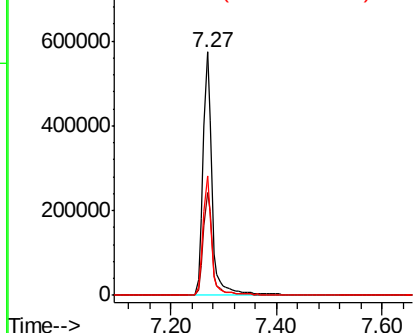
#23
Nitrobenzene-d5
Concen: 108.605 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109593.D
Acq: 4 Oct 2018 18:06

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

Tgt Ion: 82 Resp: 691406
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 48.9 41.4 62.2

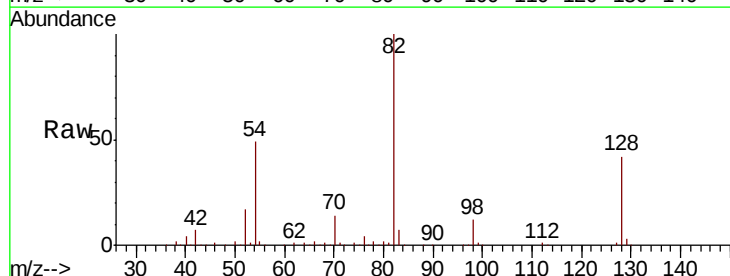


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

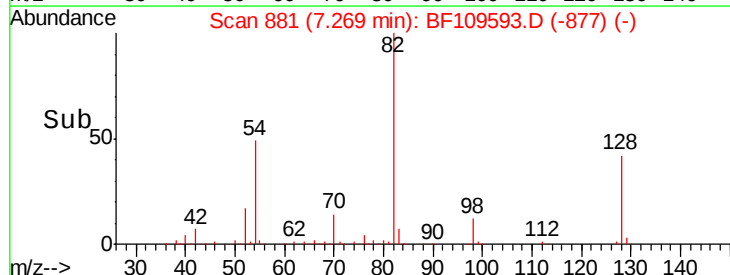
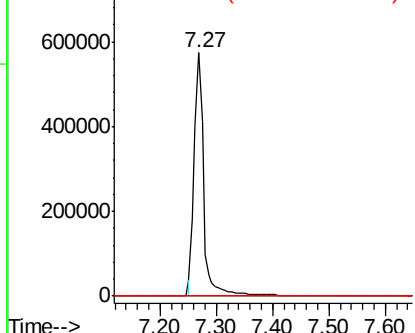


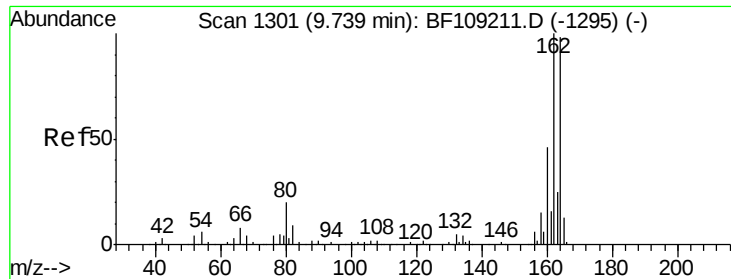
#25
Isophorone
Concen: 57.868 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109593.D
Acq: 4 Oct 2018 18:06

Tgt Ion: 82 Resp: 663390
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

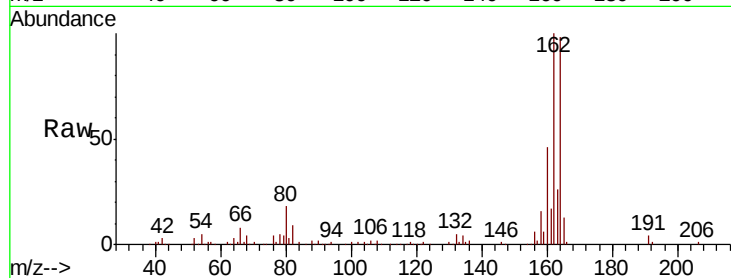




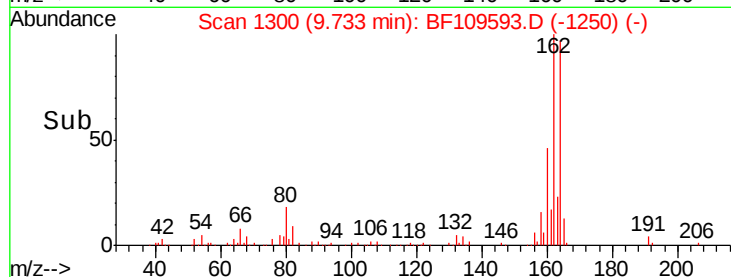
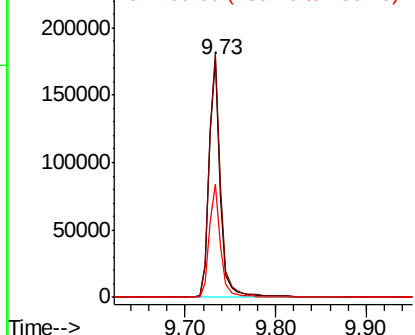
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109593.D
 Acq: 4 Oct 2018 18:06

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

Tgt Ion:164 Resp: 157119
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 47.2 38.3 57.5

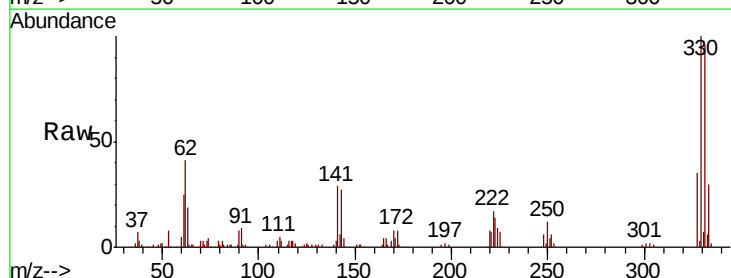


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

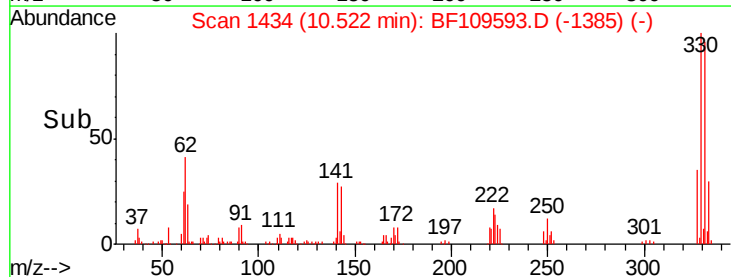
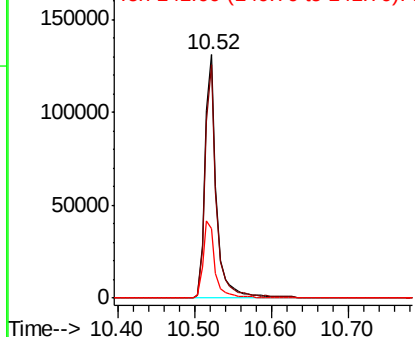


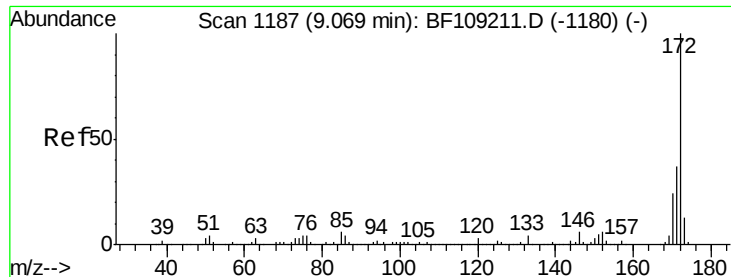
#41
 2,4,6-Tribromophenol
 Concen: 87.866 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109593.D
 Acq: 4 Oct 2018 18:06

Tgt Ion:330 Resp: 136093
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 33.2 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

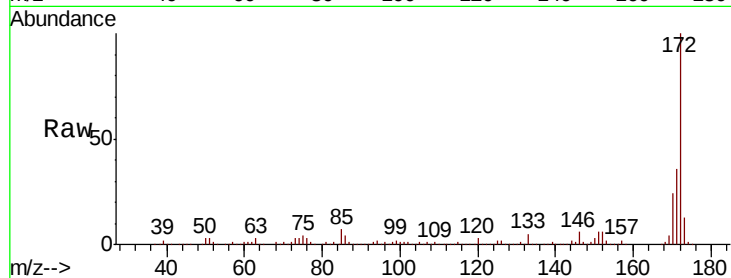




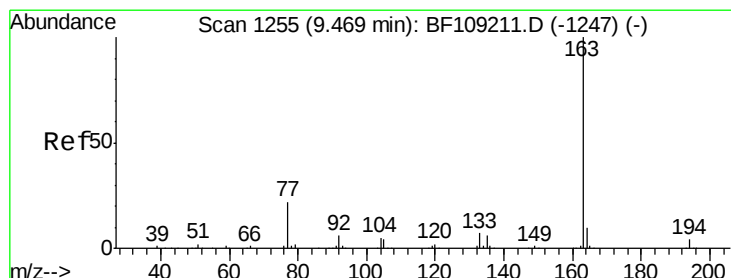
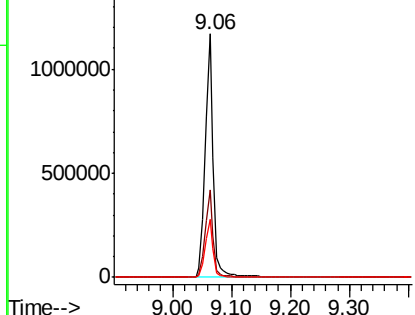
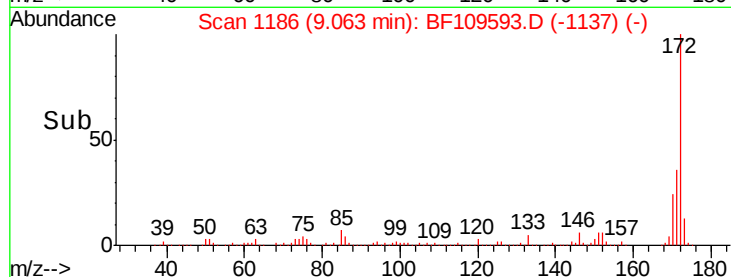
#44
2-Fluorobiphenyl
Concen: 107.373 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109593.D
Acq: 4 Oct 2018 18:06

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

Tgt Ion:172 Resp: 1118578
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.1 19.6 29.4

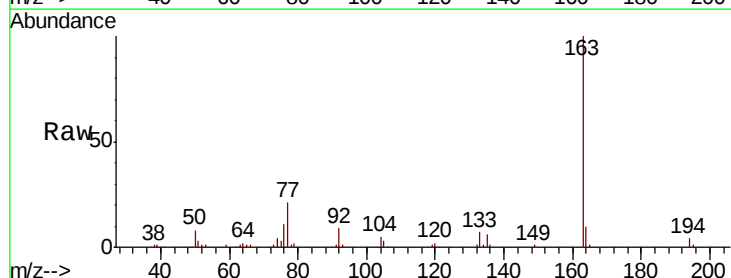


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

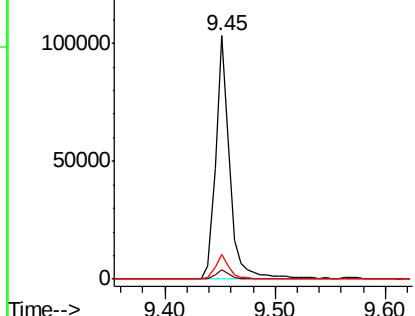
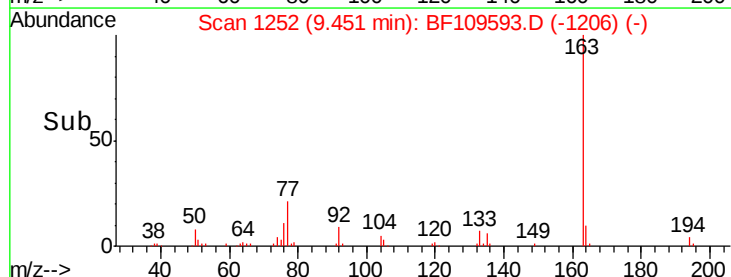


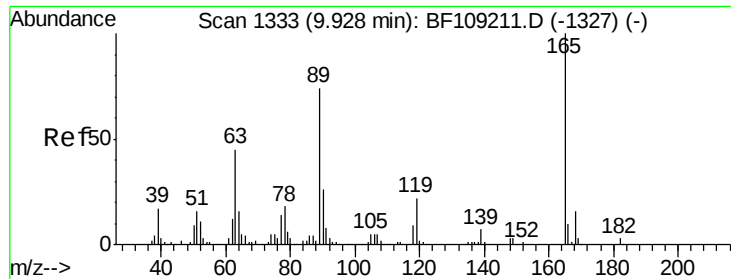
#49
Dimethylphthalate
Concen: 7.929 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109593.D
Acq: 4 Oct 2018 18:06

Tgt Ion:163 Resp: 90612
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.3 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

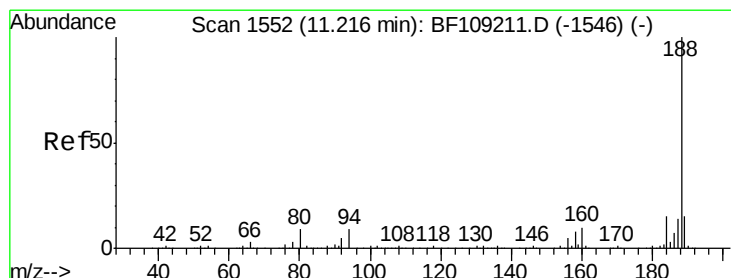
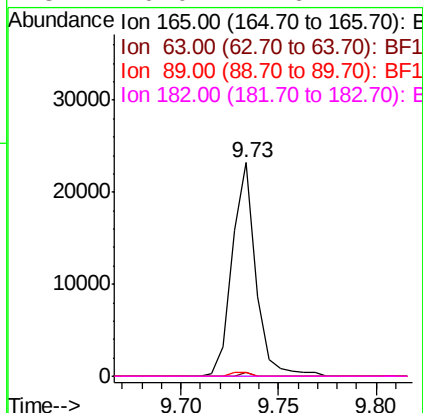
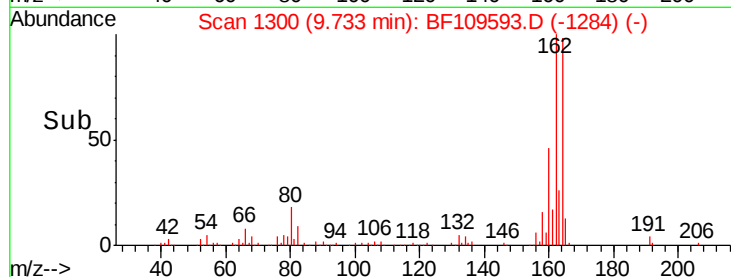
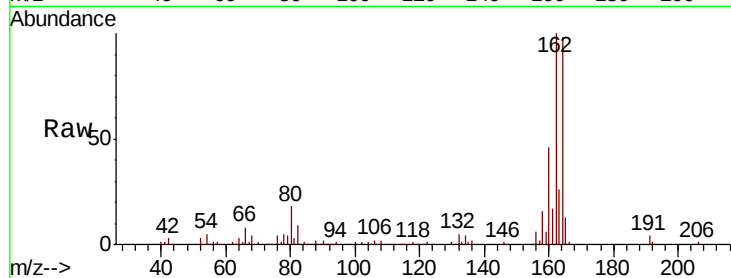




#56
 2,4-Dinitrotoluene
 Concen: 6.822 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109593.D
 Acq: 4 Oct 2018 18:06

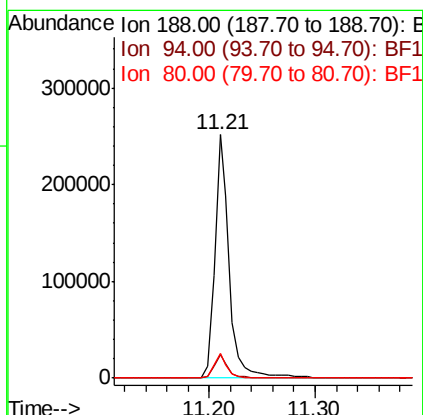
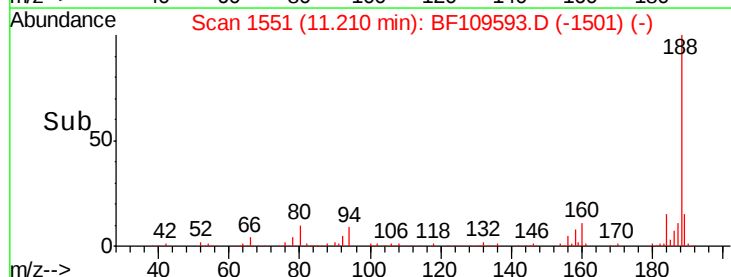
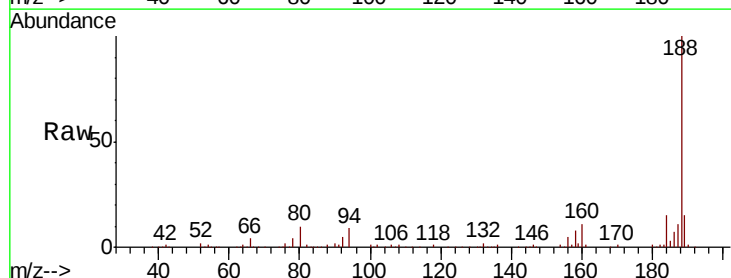
Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109593.D
 Acq: 4 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.0	9.2	13.8

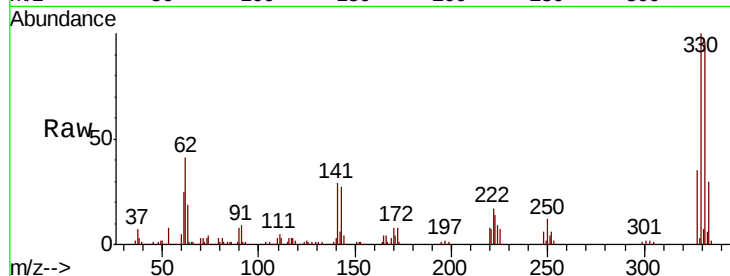




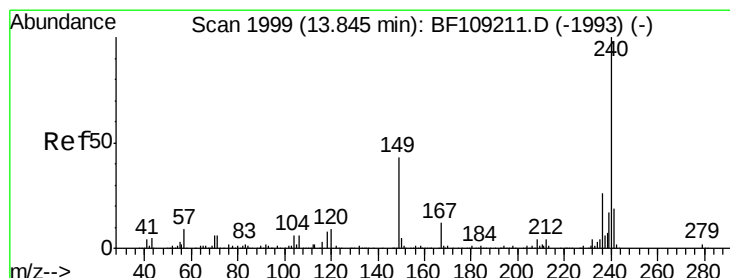
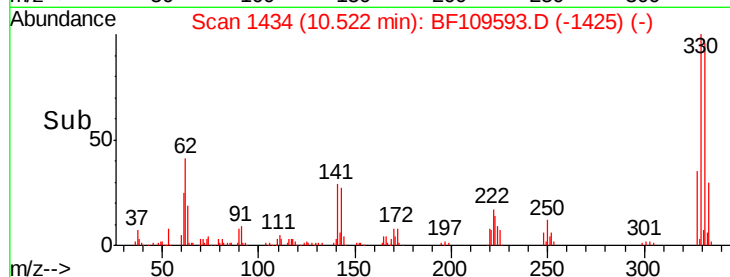
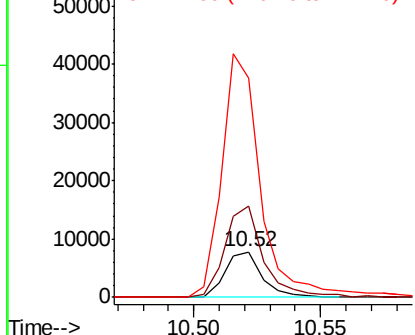
#66
4-Bromophenyl-phenylether
Concen: 2.945 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109593.D
Acq: 4 Oct 2018 18:06

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

Tgt Ion:248 Resp: 7931
Ion Ratio Lower Upper
248 100
250 199.8 76.9 115.3#
141 478.4 74.4 111.6#

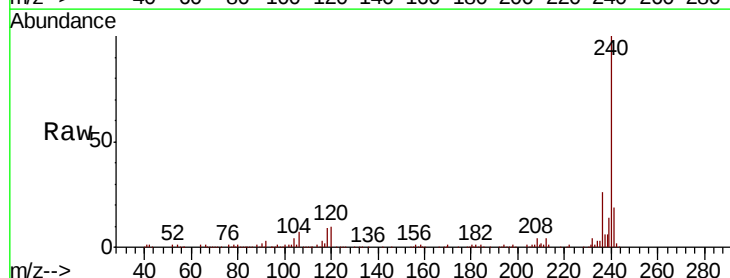


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

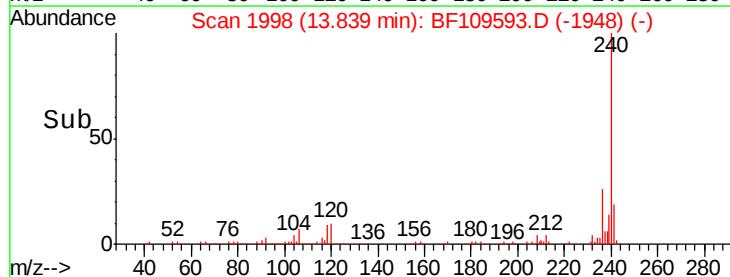
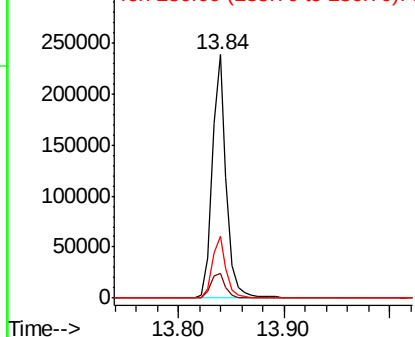


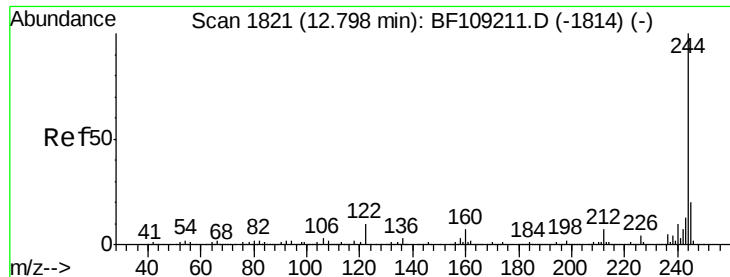
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109593.D
Acq: 4 Oct 2018 18:06

Tgt Ion:240 Resp: 222515
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.5 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: 97.367 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109593.D

Acq: 4 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

100218-SIDI-E-D-M

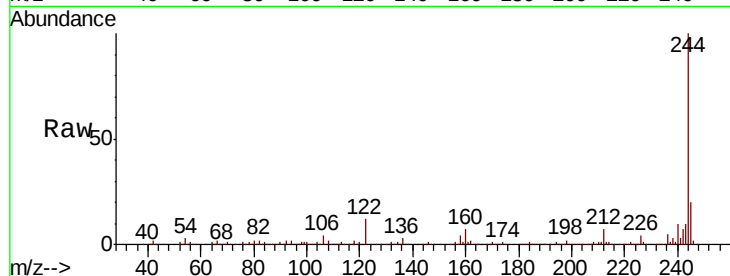
Tgt Ion:244 Resp: 882811

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

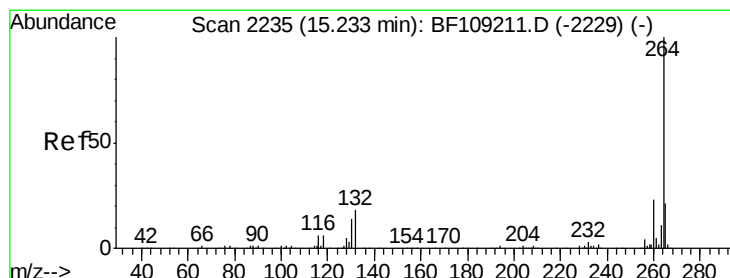
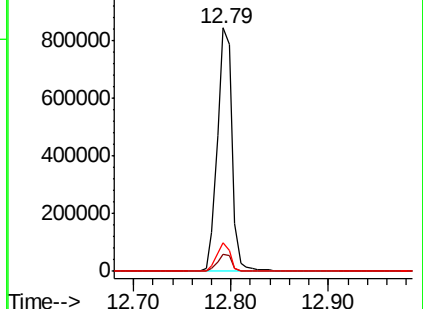
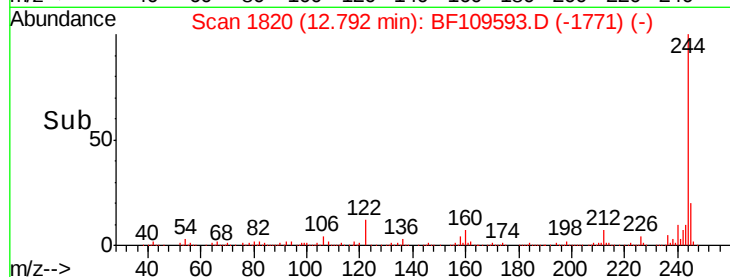
122 11.9 11.0 16.4



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: BF109593.D

Acq: 4 Oct 2018 18:06

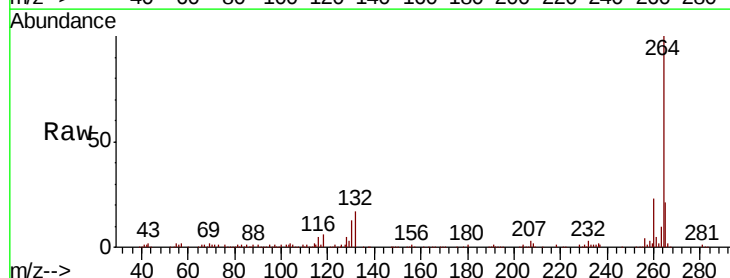
Tgt Ion:264 Resp: 176790

Ion Ratio Lower Upper

264 100

260 23.2 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

