

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109595.D
 Acq On : 4 Oct 2018 18:59
 Operator : JU/SJ
 Sample : J5241-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 05 01:30:59 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	90461	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	352707	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	162427	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	276299	20.00	ng	0.00
75) Chrysene-d12	13.84	240	192118	20.00	ng	0.00
86) Perylene-d12	15.24	264	204992	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	217378	39.58	ng	0.00
7) Phenol-d6	6.34	99	178496	25.47	ng	-0.02
23) Nitrobenzene-d5	7.27	82	630158	105.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	146884	91.73	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1083513	100.61	ng	-0.01
78) Terphenyl-d14	12.79	244	824137	105.28	ng	-0.01

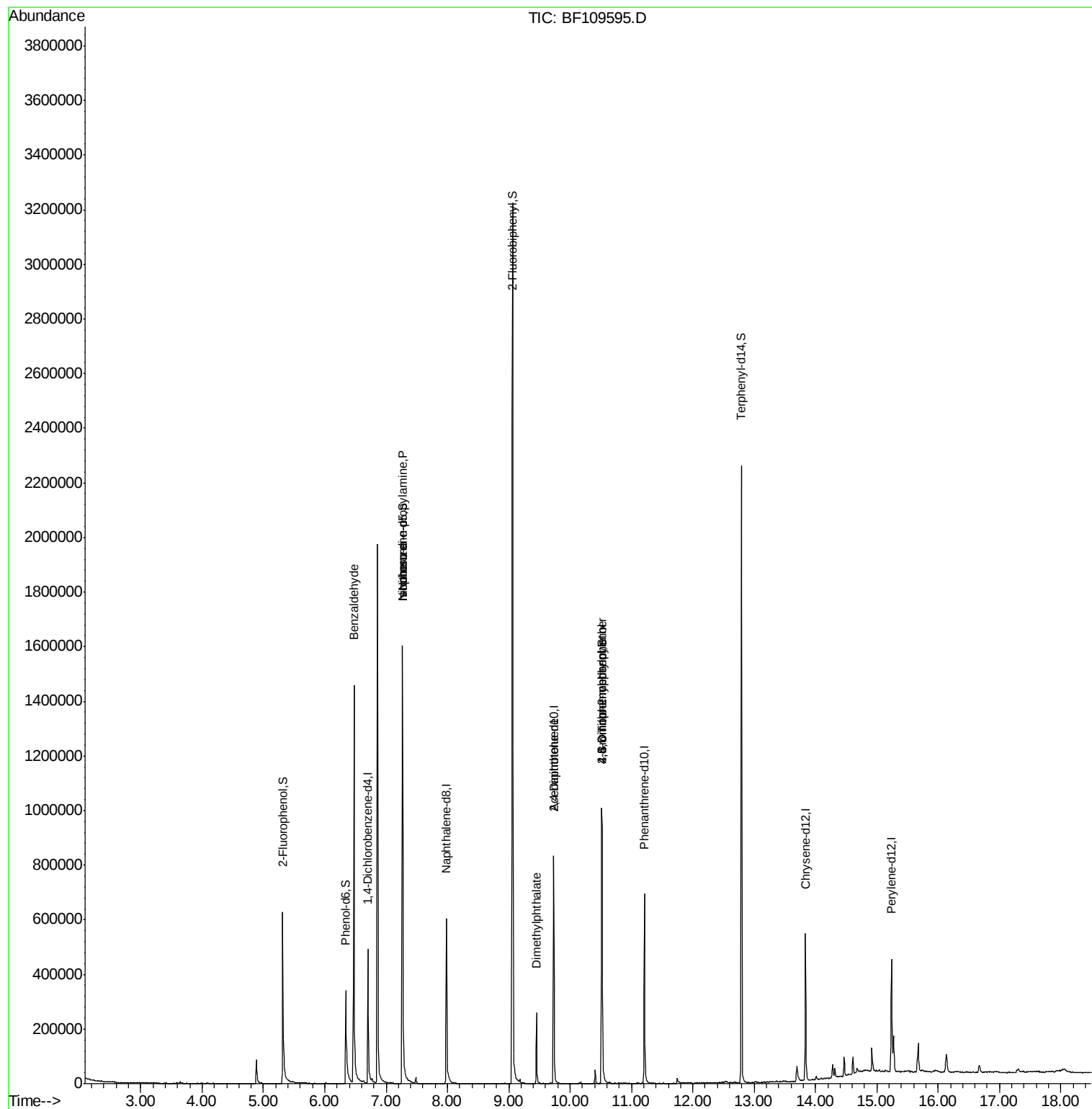
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	10092	2.242	ng	# 79
19) n-Nitroso-di-n-propylamine	7.27	70	83848	18.259	ng	# 79
25) Isophorone	7.27	82	617456	57.389	ng	# 64
49) Dimethylphthalate	9.45	163	106706	9.032	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	20221	6.830	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	258	6.721	ng	# 12
66) 4-Bromophenyl-phenylether	10.52	248	8512	2.774	ng	# 1

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

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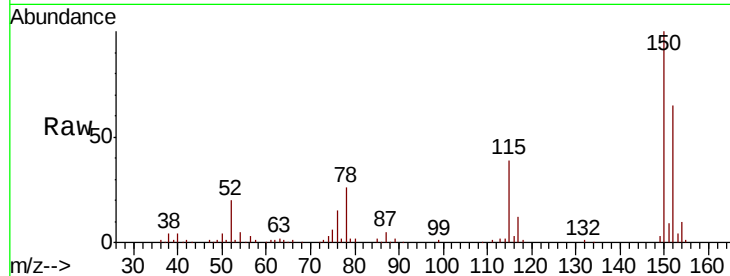


#1

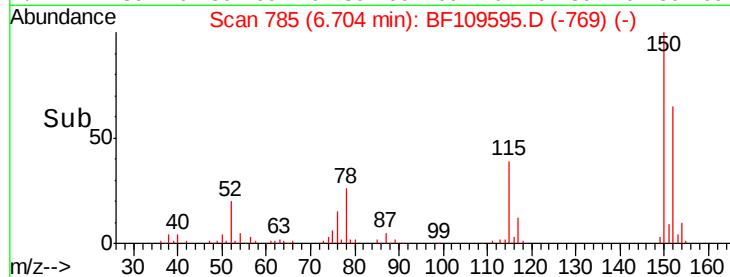
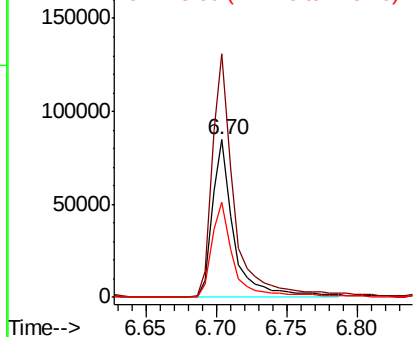
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109595.D
Acq: 4 Oct 2018 18:59

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

Tgt Ion:152 Resp: 90461
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.7 50.1 75.1



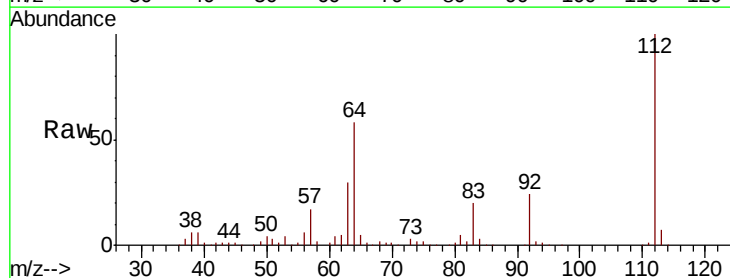
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



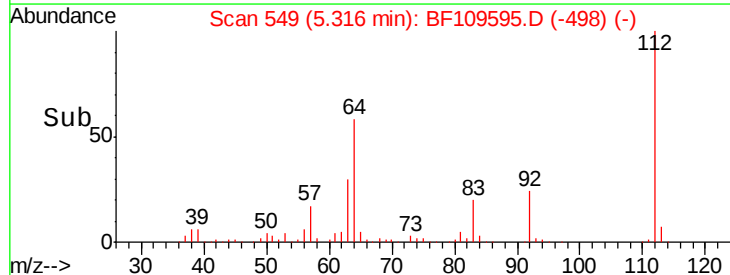
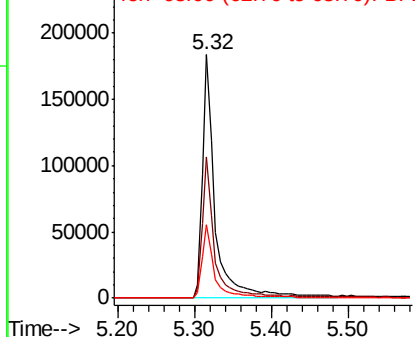
#5

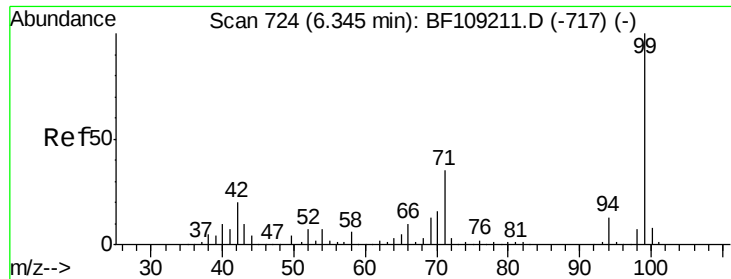
2-Fluorophenol
Concen: 39.579 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109595.D
Acq: 4 Oct 2018 18:59

Tgt Ion:112 Resp: 217378
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 30.1 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: 25.469 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109595.D

Acq: 4 Oct 2018 18:59

Instrument :

BNA_F

ClientSampleId :

100218-SIDI-E-U-B

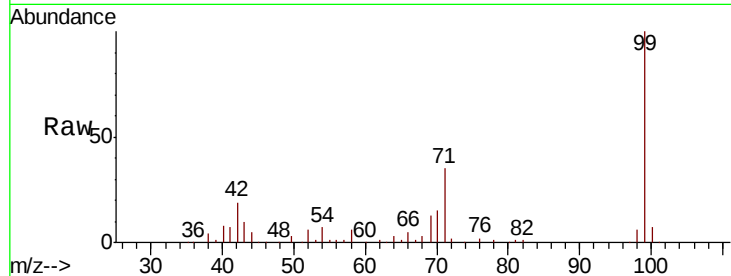
Tgt Ion: 99 Resp: 178496

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

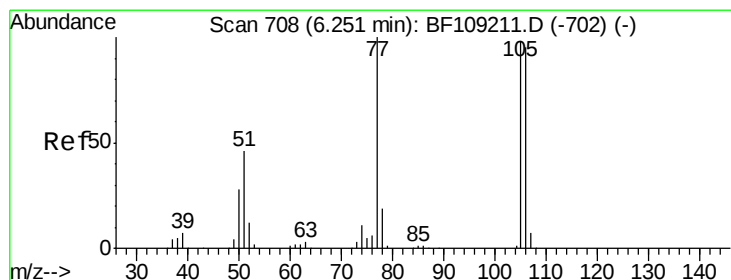
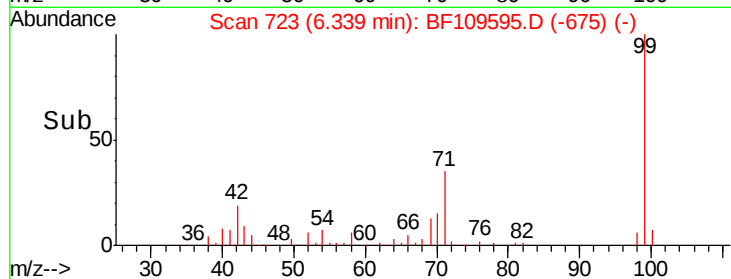
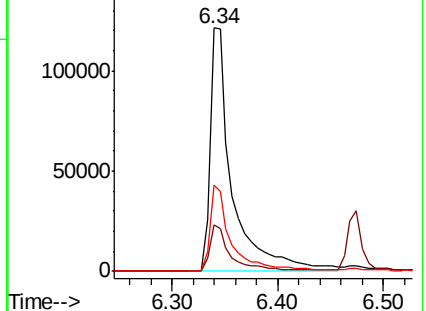
71 35.5 25.4 38.0



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: 2.242 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109595.D

Acq: 4 Oct 2018 18:59

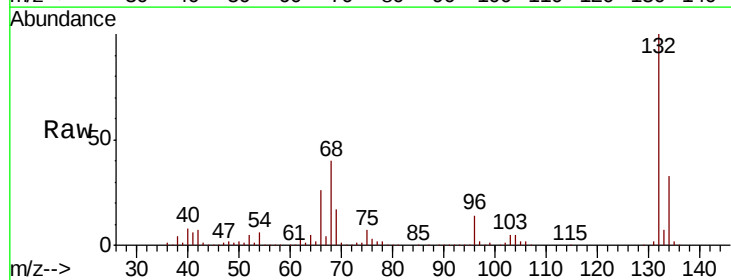
Tgt Ion: 77 Resp: 10092

Ion Ratio Lower Upper

77 100

105 83.8 81.1 121.1

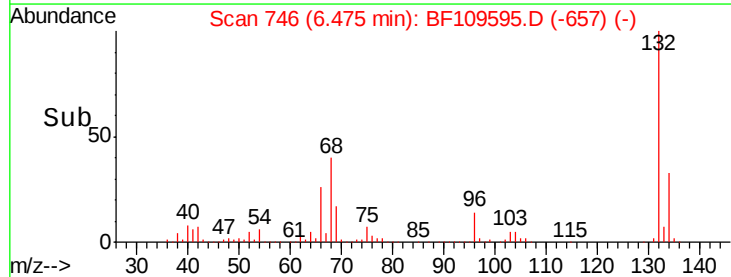
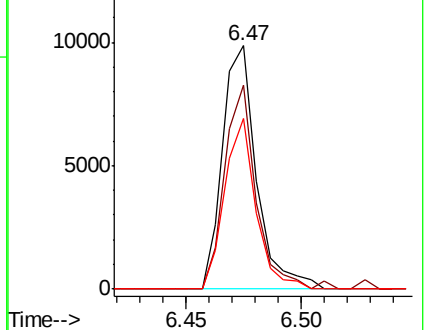
106 70.3 74.5 114.5#



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

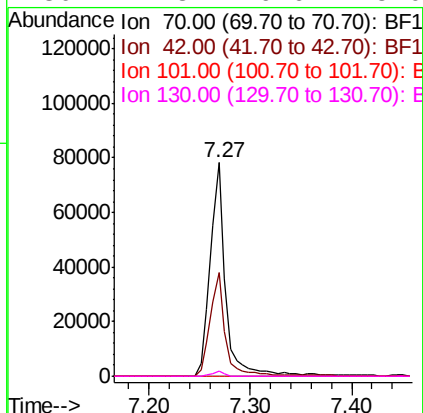
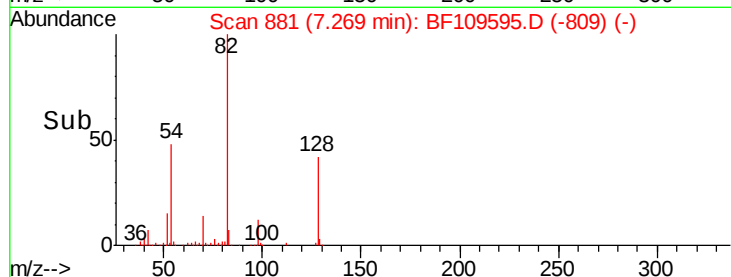
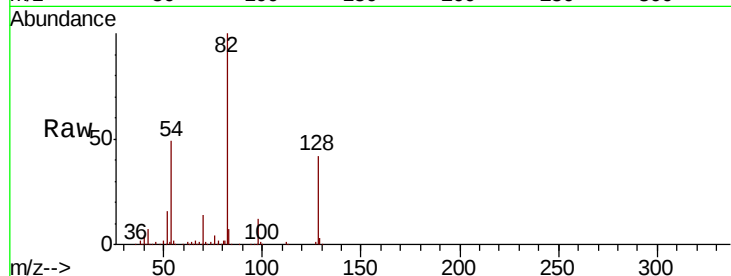




#19
n-Nitroso-di-n-propylamine
Concen: 18.259 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109595.D
Acq: 4 Oct 2018 18:59

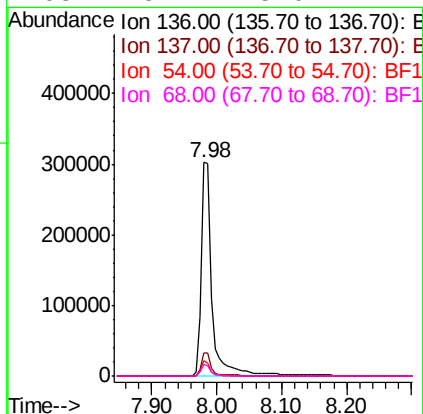
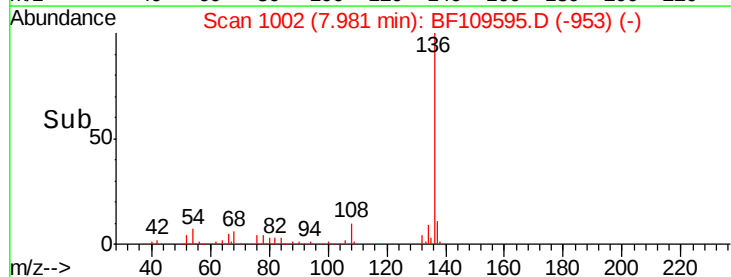
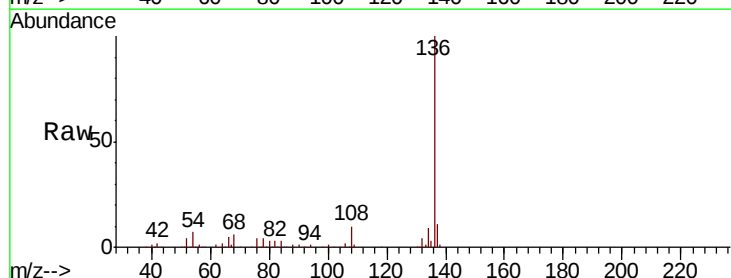
Instrument :
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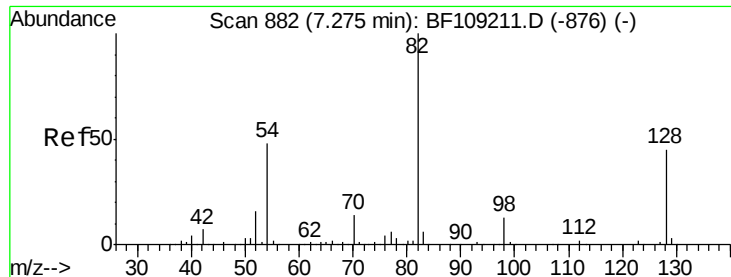
Tgt Ion: 70 Resp: 83848
Ion Ratio Lower Upper
70 100
42 48.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109595.D
Acq: 4 Oct 2018 18:59

Tgt Ion: 136 Resp: 352707
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 6.6 9.8
68 5.7 5.0 7.4

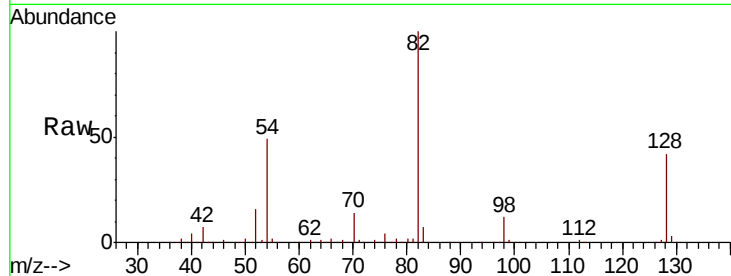




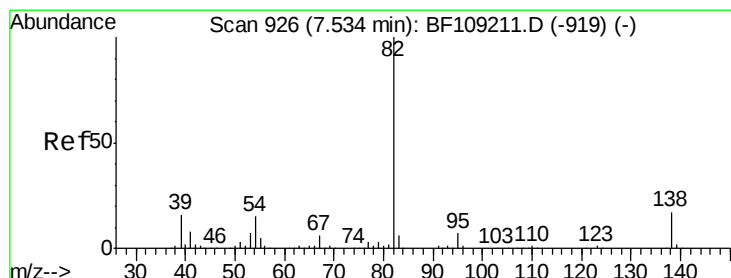
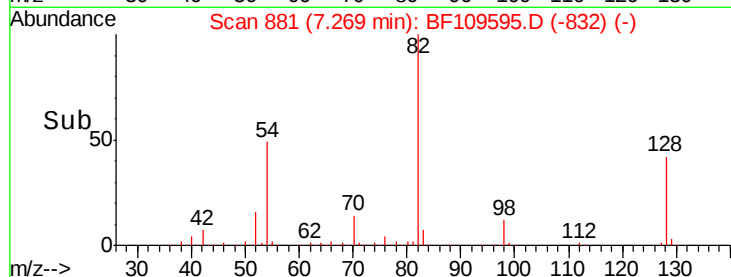
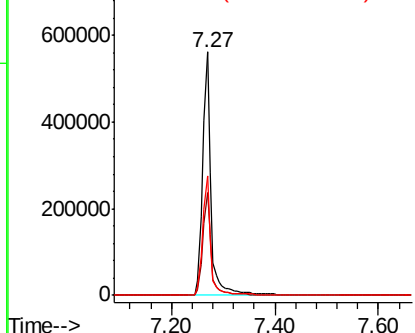
#23
Nitrobenzene-d5
Concen: 105.468 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109595.D
Acq: 4 Oct 2018 18:59

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

Tgt Ion: 82 Resp: 630158
Ion Ratio Lower Upper
82 100
128 42.4 36.1 54.1
54 48.8 41.4 62.2

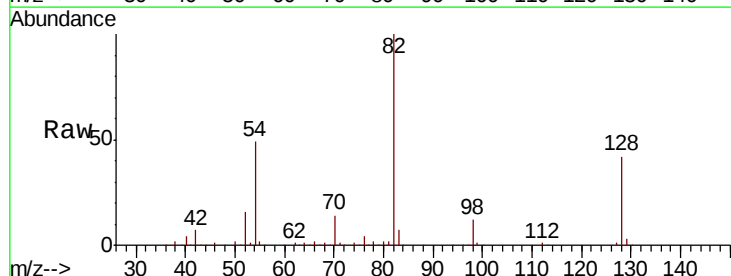


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

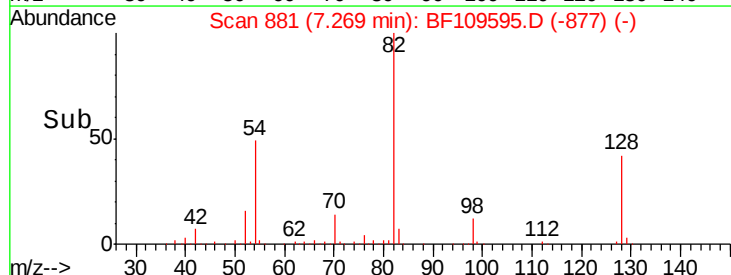
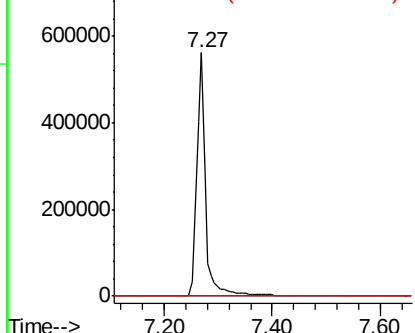


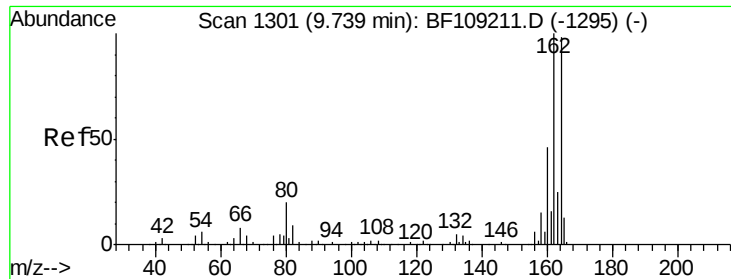
#25
Isophorone
Concen: 57.389 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109595.D
Acq: 4 Oct 2018 18:59

Tgt Ion: 82 Resp: 617456
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

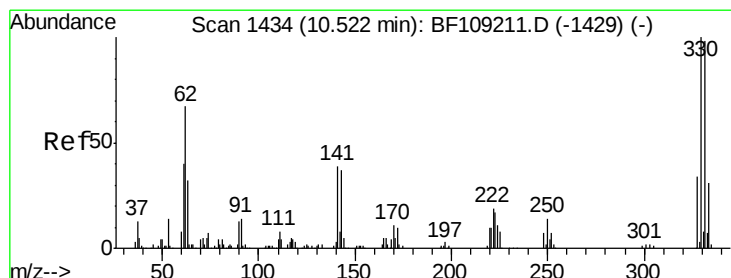
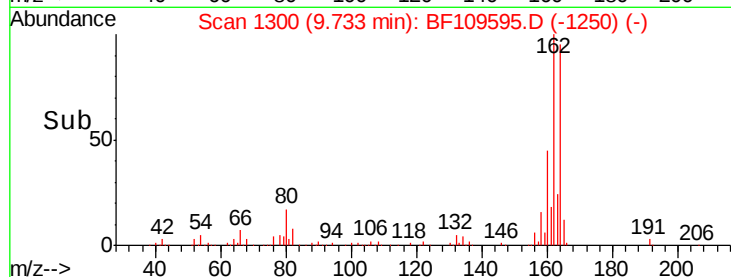
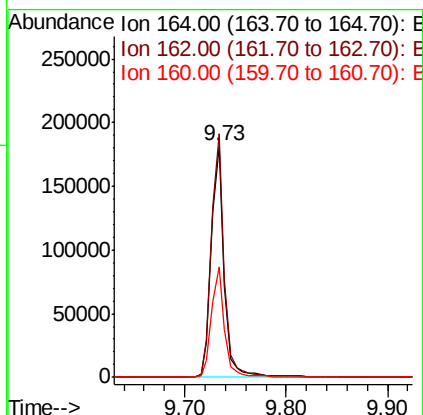
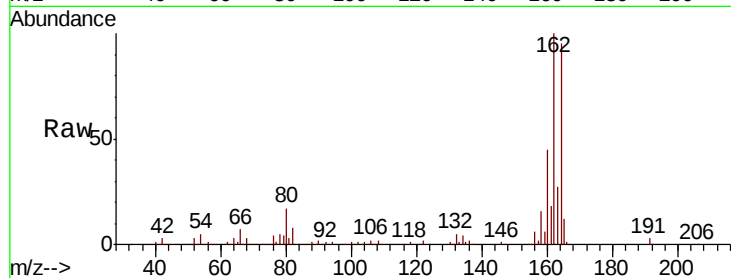




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109595.D
 Acq: 4 Oct 2018 18:59

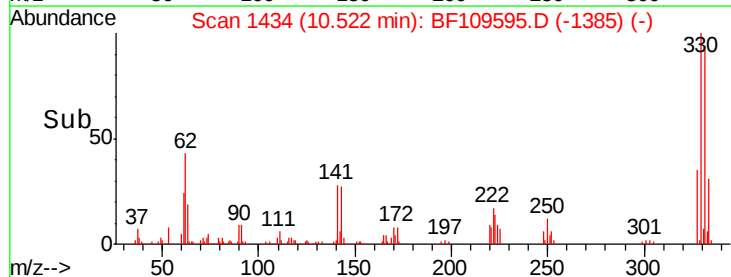
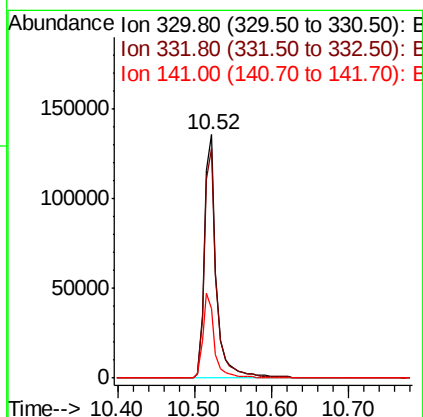
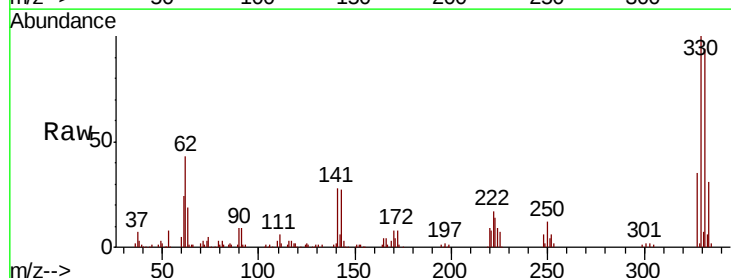
Instrument :
 BNA_F
 ClientSampleId :
 100218-SIDI-E-U-B

Tgt Ion:164 Resp: 162427
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 47.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 91.734 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109595.D
 Acq: 4 Oct 2018 18:59

Tgt Ion:330 Resp: 146884
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 33.4 29.9 44.9

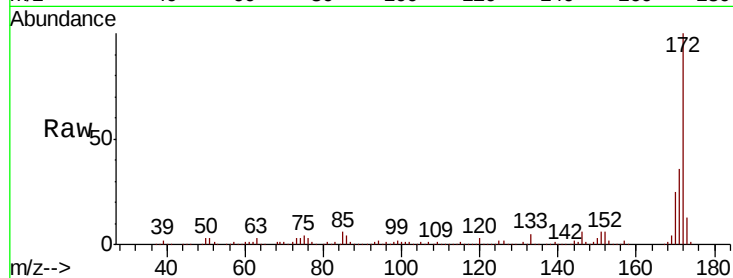




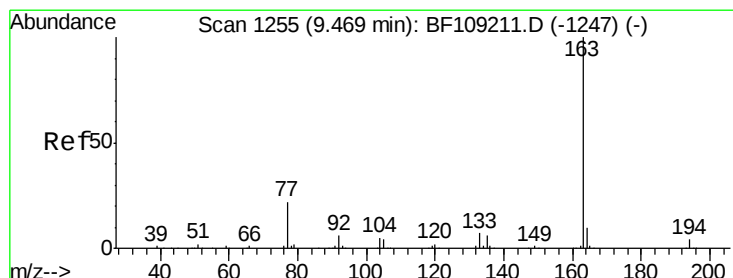
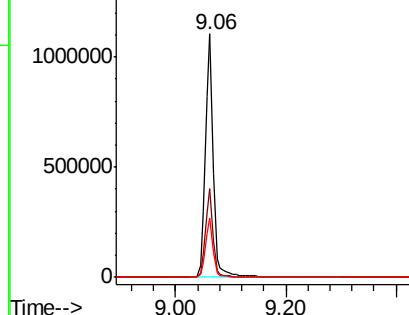
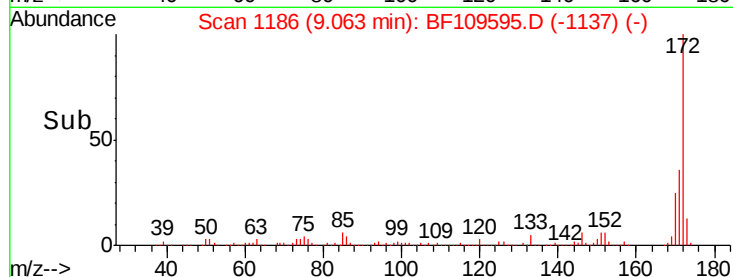
#44
 2-Fluorobiphenyl
 Concen: 100.608 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109595.D
 Acq: 4 Oct 2018 18:59

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

Tgt Ion:172 Resp: 1083513
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.6 19.6 29.4

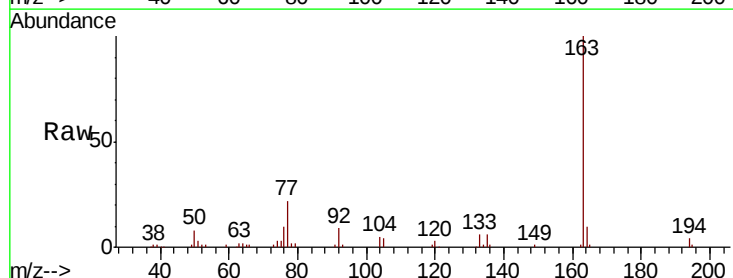


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

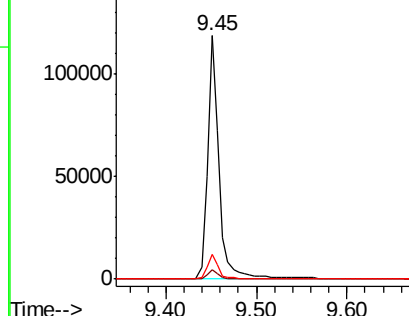
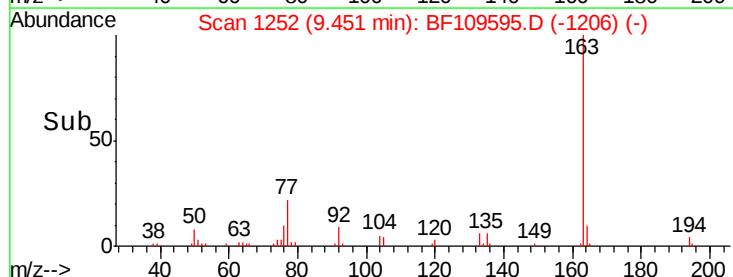


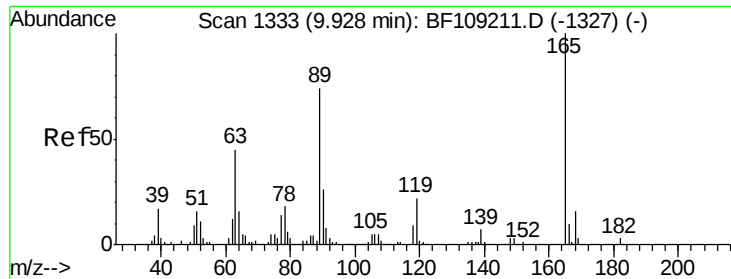
#49
 Dimethylphthalate
 Concen: 9.032 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109595.D
 Acq: 4 Oct 2018 18:59

Tgt Ion:163 Resp: 106706
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.1 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

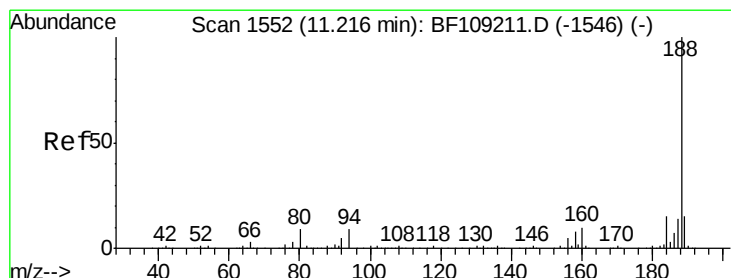
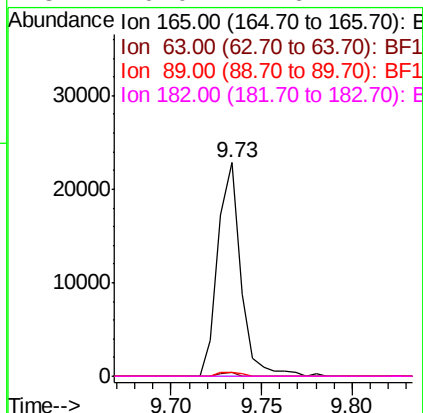
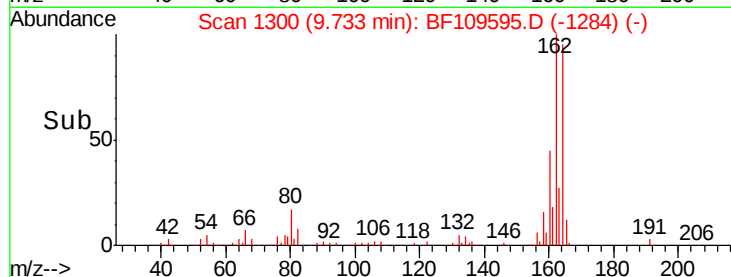
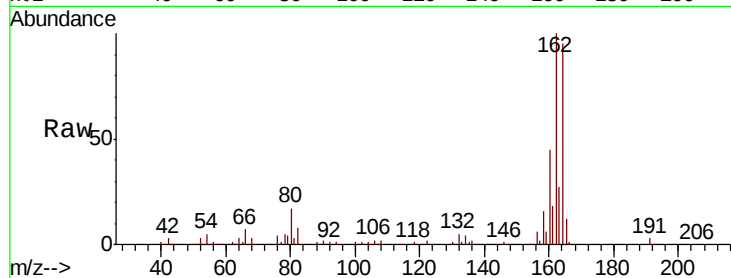




#56
 2,4-Dinitrotoluene
 Concen: 6.830 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109595.D
 Acq: 4 Oct 2018 18:59

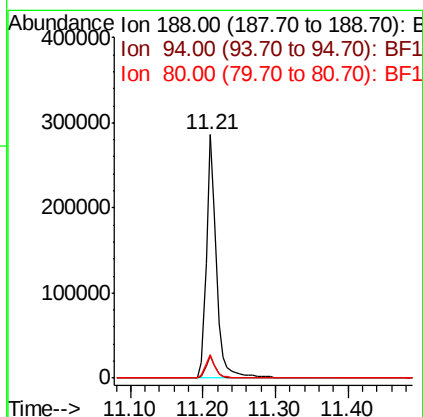
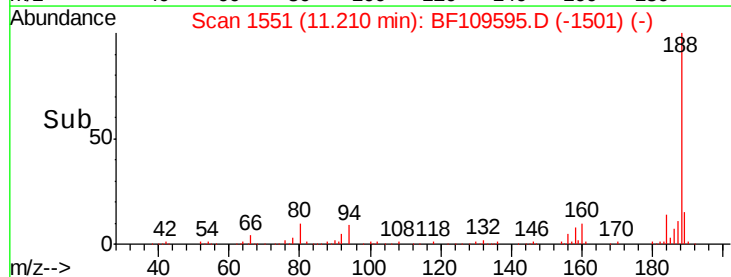
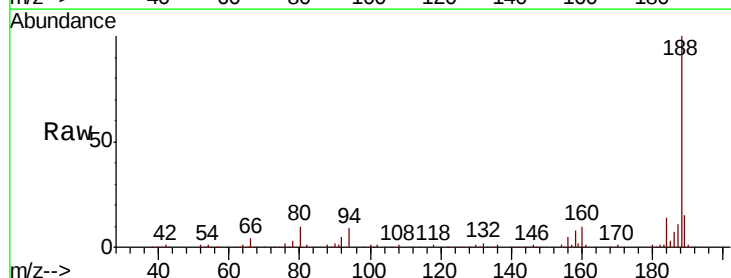
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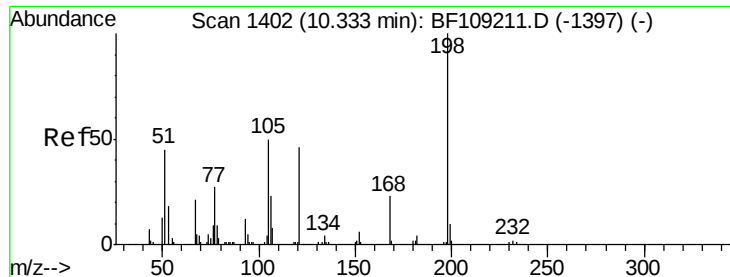
Tgt Ion:	165	Resp:	20221
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109595.D
 Acq: 4 Oct 2018 18:59

Tgt Ion:	188	Resp:	276299
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.721 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.18 min

Lab File: BF109595.D

Acq: 4 Oct 2018 18:59

Instrument :

BNA_F

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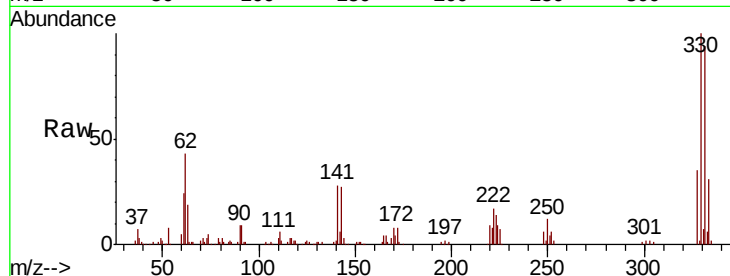
Tgt Ion:198 Resp: 258

Ion Ratio Lower Upper

198 100

51 110.5 37.7 77.7#

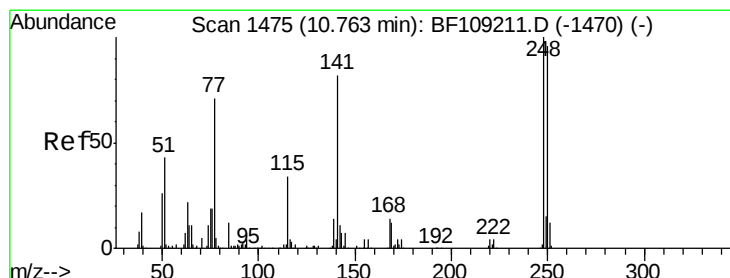
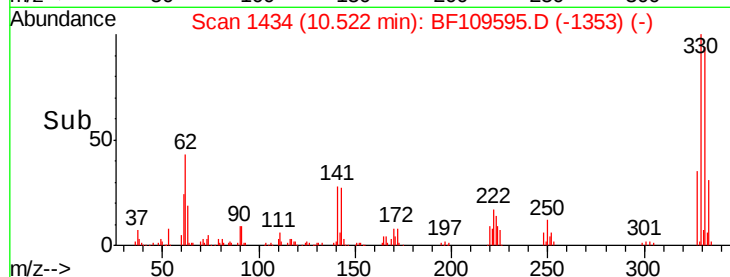
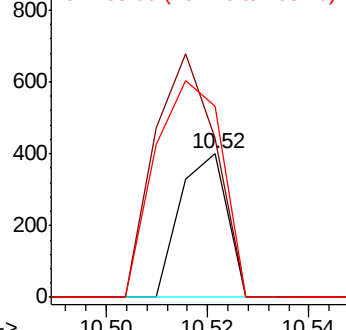
105 133.0 36.3 76.3#



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: 2.774 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.25 min

Lab File: BF109595.D

Acq: 4 Oct 2018 18:59

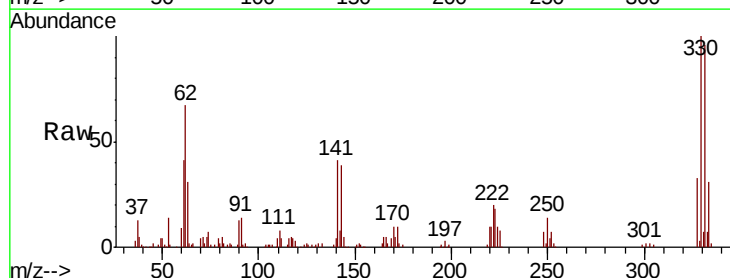
Tgt Ion:248 Resp: 8512

Ion Ratio Lower Upper

248 100

250 194.5 76.9 115.3#

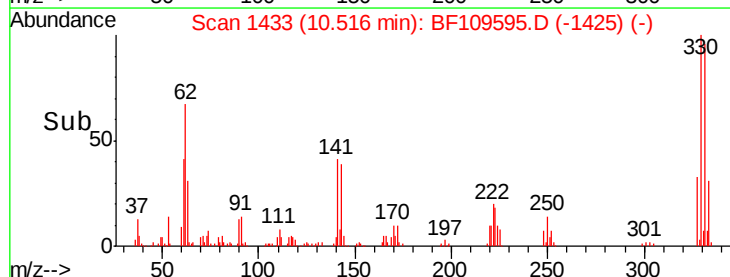
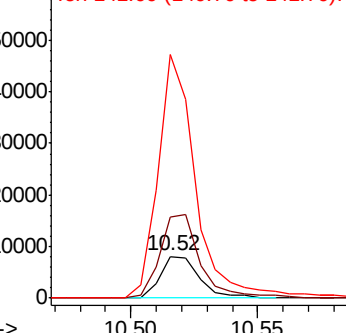
141 587.0 74.4 111.6#



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: BF109595.D

Acq: 4 Oct 2018 18:59

Instrument :

BNA_F

ClientSampleId :

100218-SIDI-E-U-B

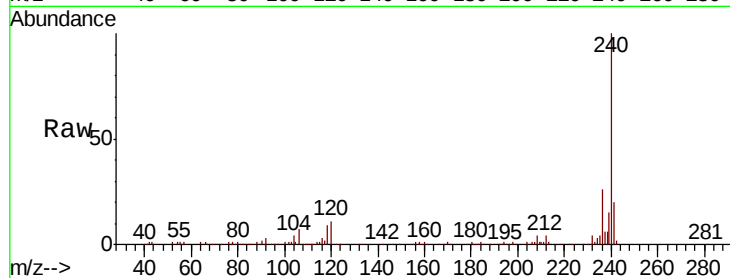
Tgt Ion:240 Resp: 192118

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

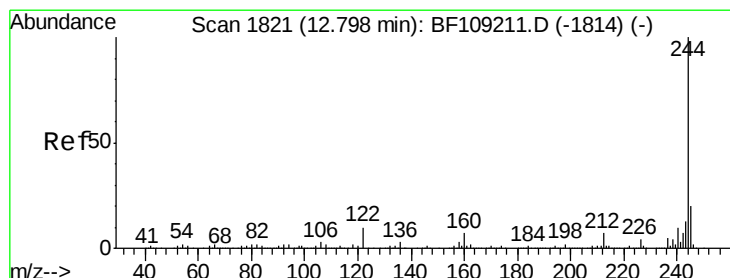
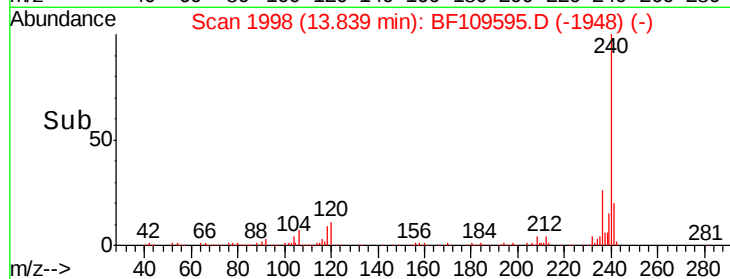
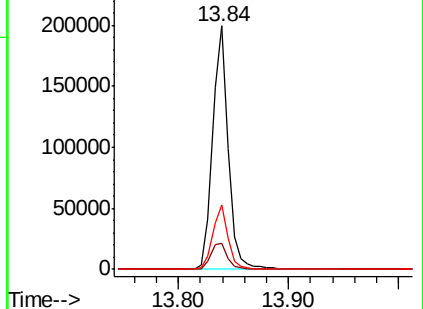
236 26.3 20.7 31.1



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: 105.277 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109595.D

Acq: 4 Oct 2018 18:59

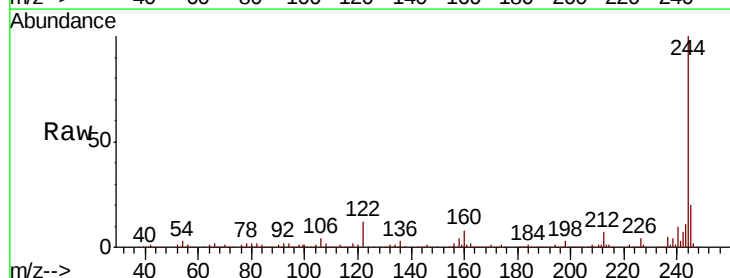
Tgt Ion:244 Resp: 824137

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

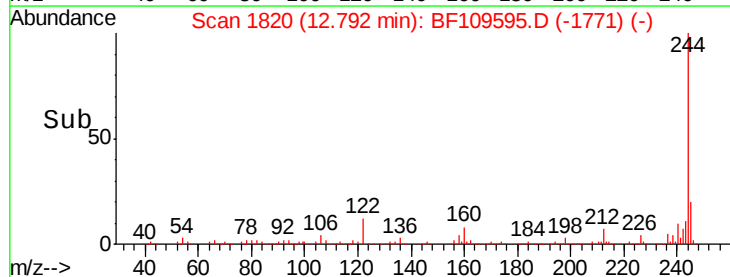
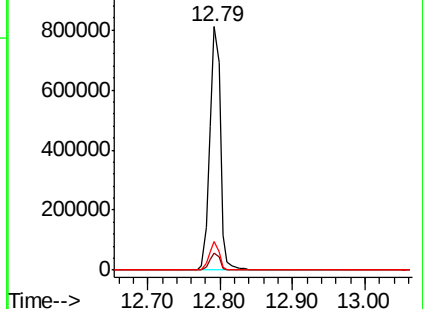
122 11.9 11.0 16.4

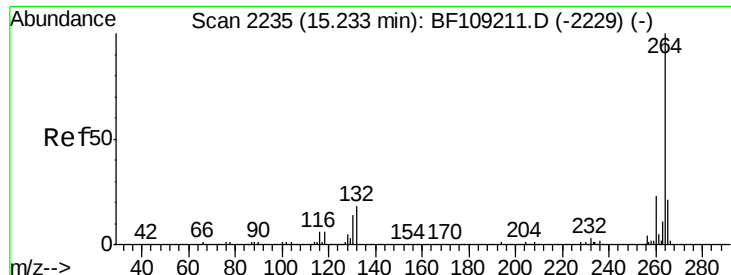


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109595.D
Acq: 4 Oct 2018 18:59

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

Tgt Ion: 264 Resp: 204992
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.9 17.5 26.3

