

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109635.D
 Acq On : 6 Oct 2018 3:37
 Operator : JU/SJ
 Sample : J5264-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-D-S

Quant Time: Oct 06 05:59:57 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

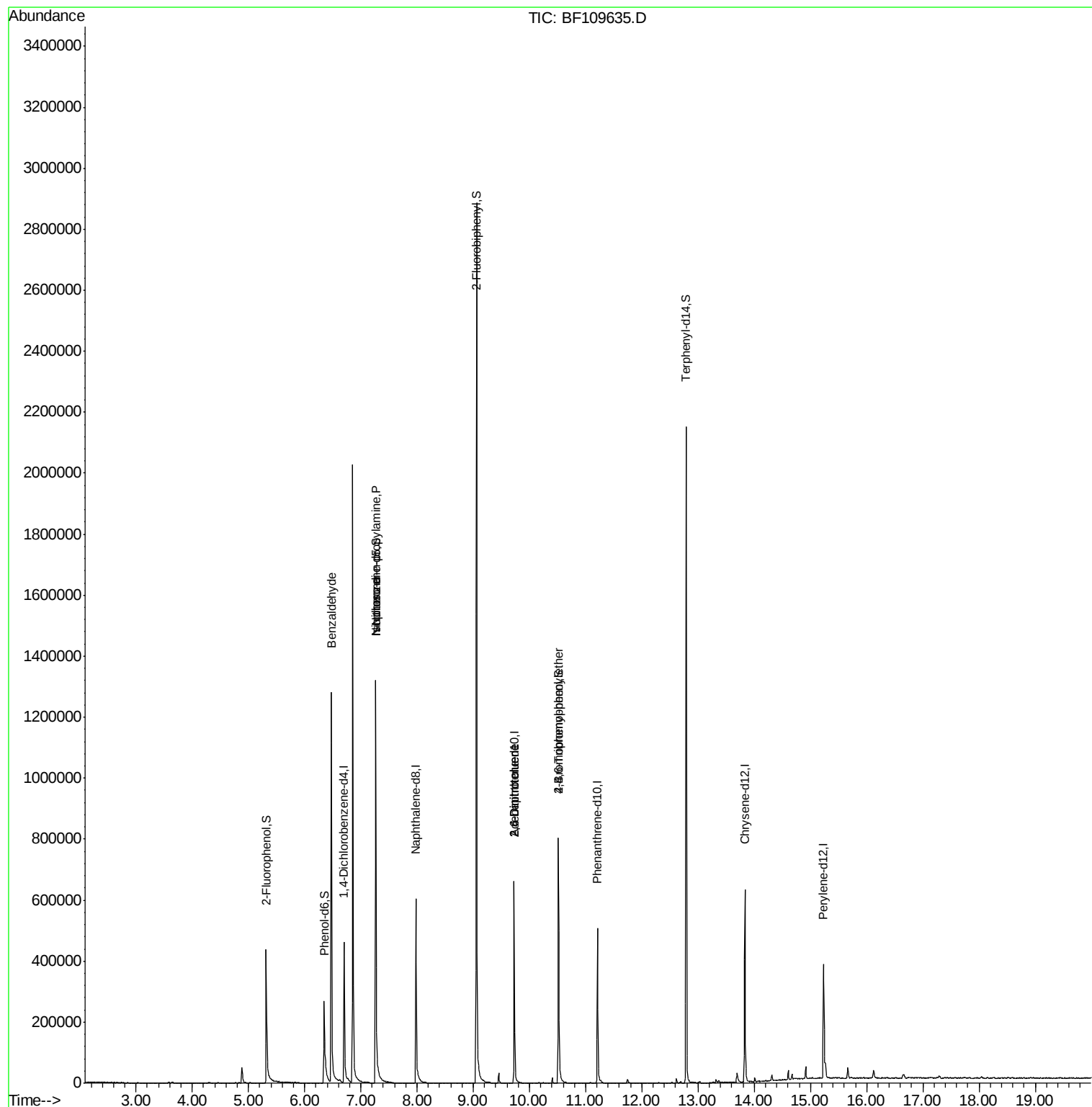
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	89404	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	337883	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	140090	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	241525	20.00	ng	0.00
75) Chrysene-d12	13.83	240	236559	20.00	ng	-0.01
86) Perylene-d12	15.23	264	187006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	189980	35.00	ng	0.00
7) Phenol-d6	6.35	99	154642	22.33	ng	-0.01
23) Nitrobenzene-d5	7.26	82	587906	102.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	123196	89.21	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1003798	108.07	ng	-0.02
78) Terphenyl-d14	12.79	244	795376	82.52	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.47	77	8953	2.012	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	7.26	70	78202	17.231	ng	# 77
25) Isophorone	7.26	82	573123	55.605	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	16949	8.399	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	16949	6.638	ng	# 23
66) 4-Bromophenyl-phenylether	10.52	248	7060	2.632	ng	# 1

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

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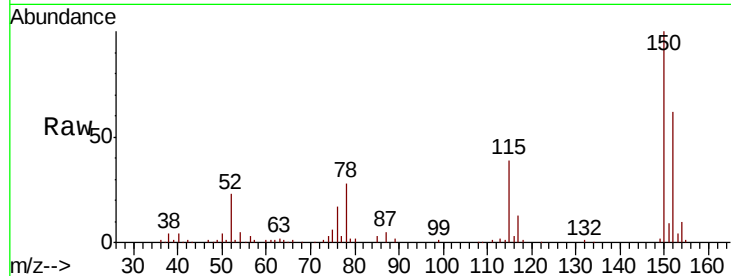




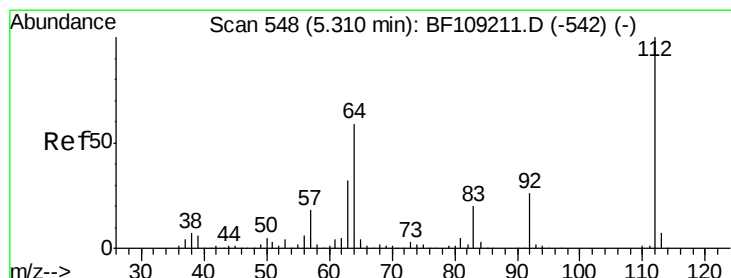
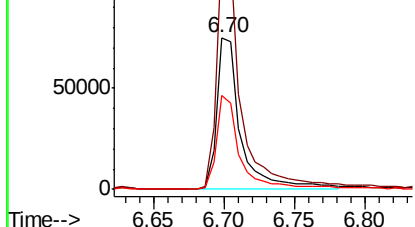
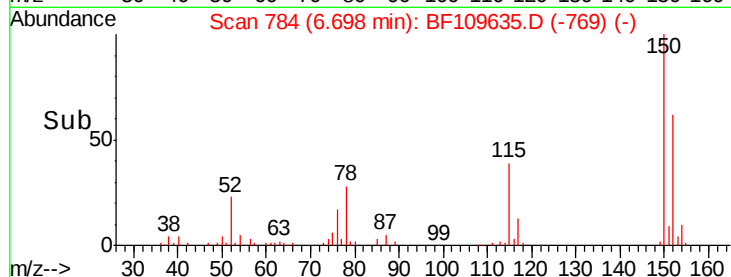
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-D-S

Tgt Ion:152 Resp: 89404
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.6 186.8
 115 62.0 50.1 75.1

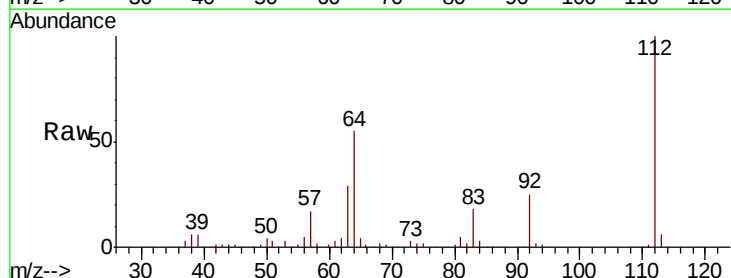


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

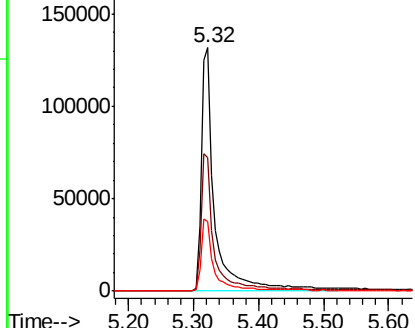
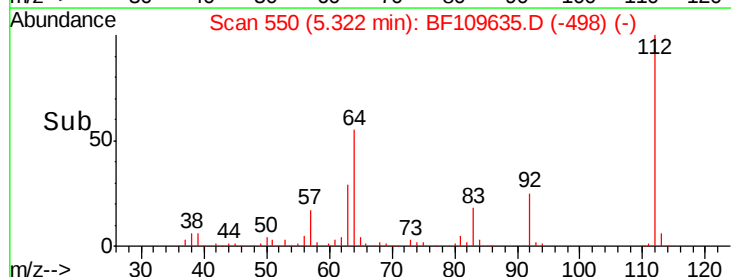


#5
 2-Fluorophenol
 Concen: 35.000 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

Tgt Ion:112 Resp: 189980
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 28.7 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: 22.327 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109635.D

Acq: 6 Oct 2018 3:37

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-D-S

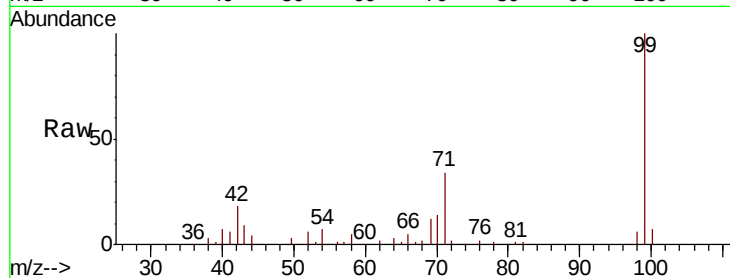
Tgt Ion: 99 Resp: 154642

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

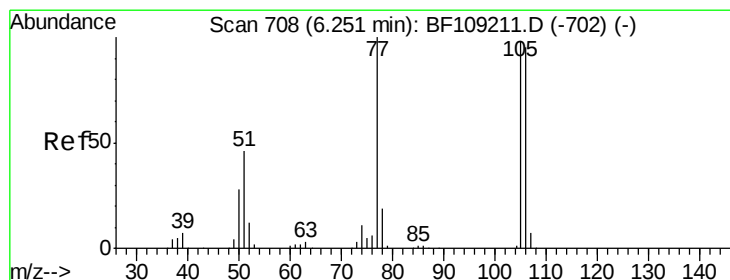
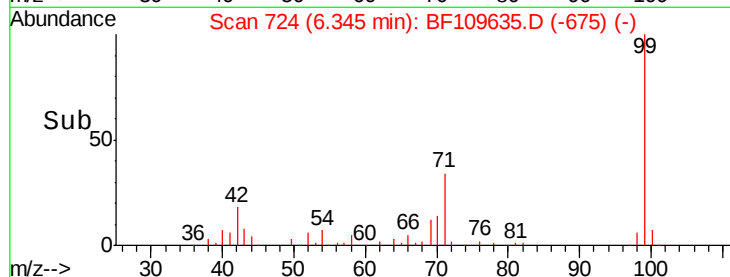
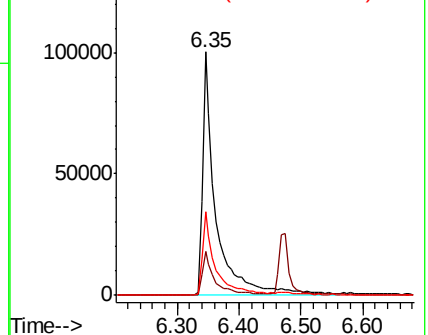
71 34.2 25.4 38.0



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: 2.012 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109635.D

Acq: 6 Oct 2018 3:37

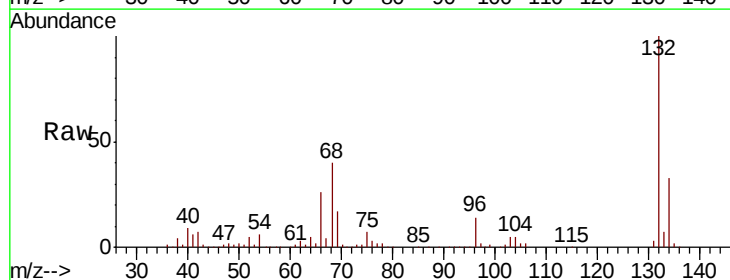
Tgt Ion: 77 Resp: 8953

Ion Ratio Lower Upper

77 100

105 81.8 81.1 121.1

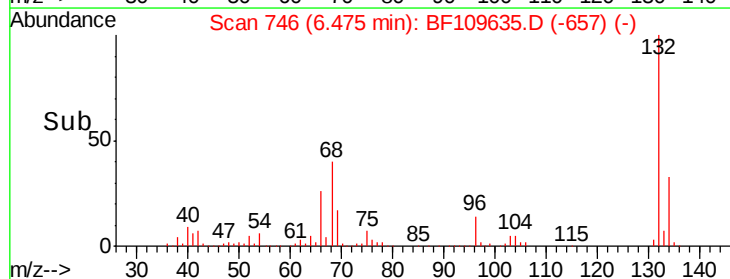
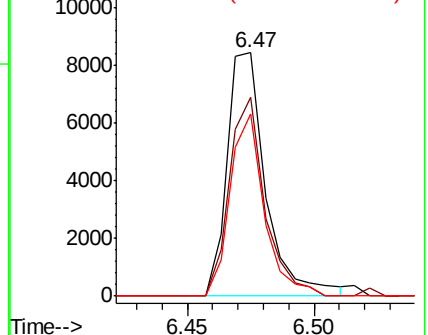
106 75.0 74.5 114.5



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

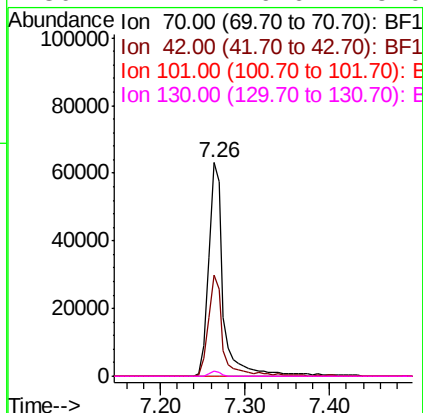
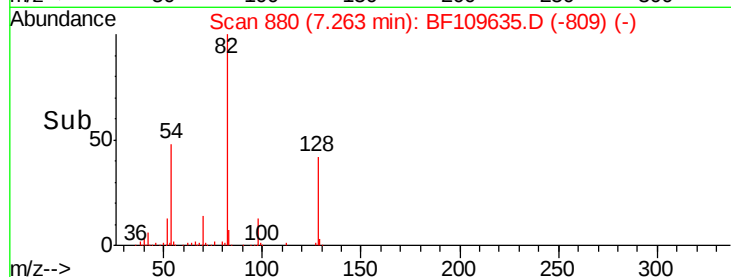
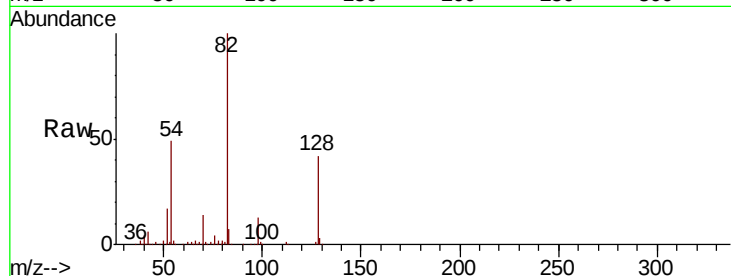




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.231 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.12 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

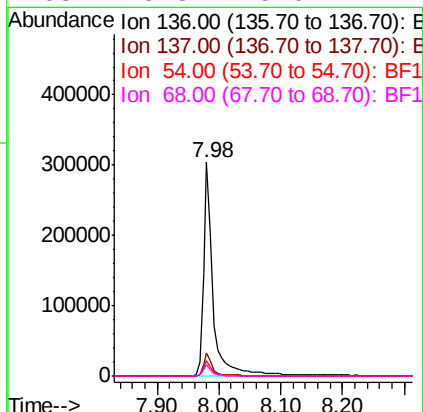
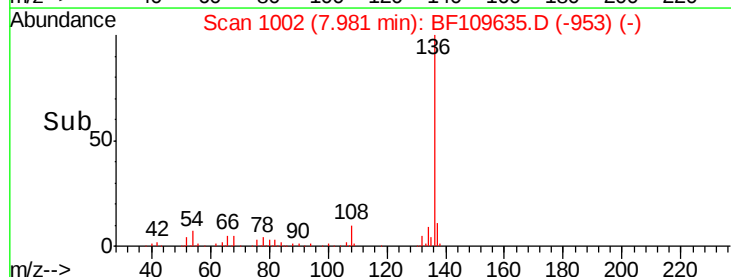
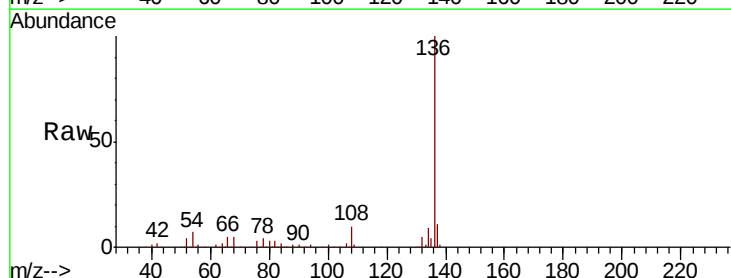
Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-D-S

Tgt Ion: 70 Resp: 78202
 Ion Ratio Lower Upper
 70 100
 42 47.2 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.2 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: BF109635.D
 Acq: 6 Oct 2018 3:37

Tgt Ion: 136 Resp: 337883
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.9 13.3
 54 7.3 6.6 9.8
 68 5.3 5.0 7.4

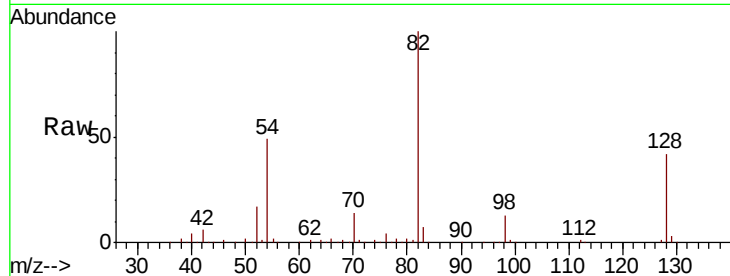




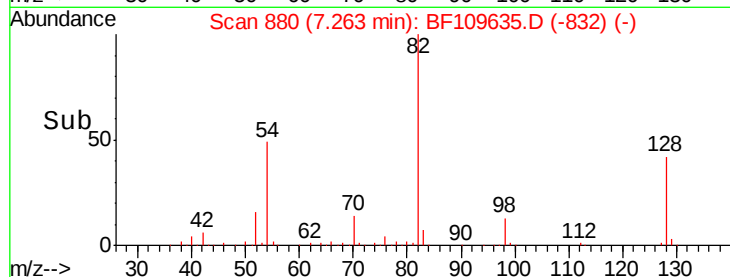
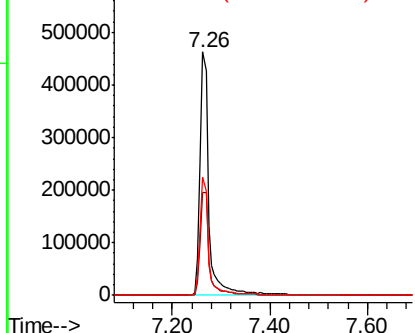
#23
 Nitrobenzene-d5
 Concen: 102.713 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-D-S

Tgt Ion: 82 Resp: 587906
 Ion Ratio Lower Upper
 82 100
 128 42.4 36.1 54.1
 54 48.5 41.4 62.2

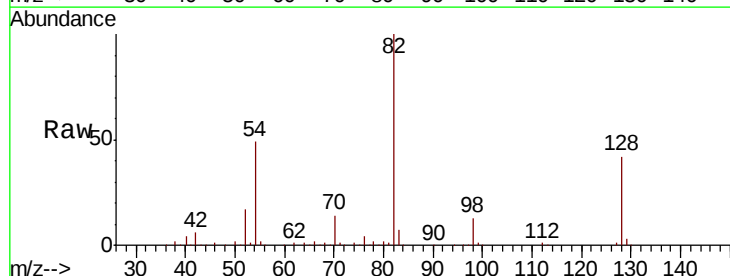


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

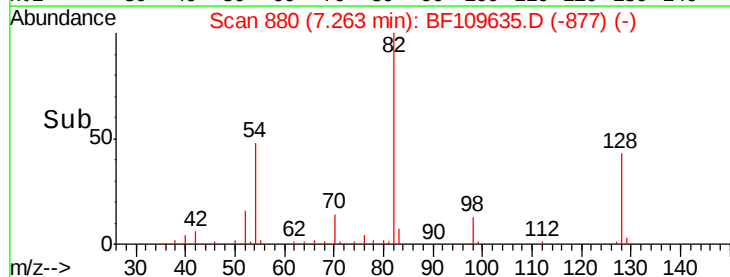
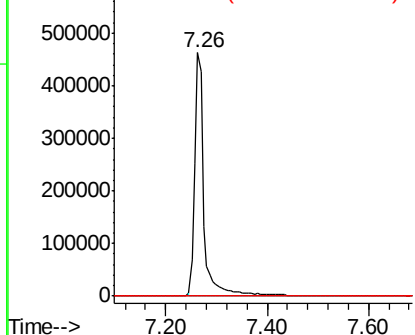


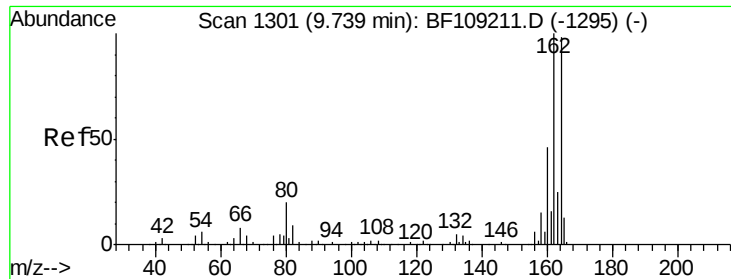
#25
 Isophorone
 Concen: 55.605 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

Tgt Ion: 82 Resp: 573123
 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

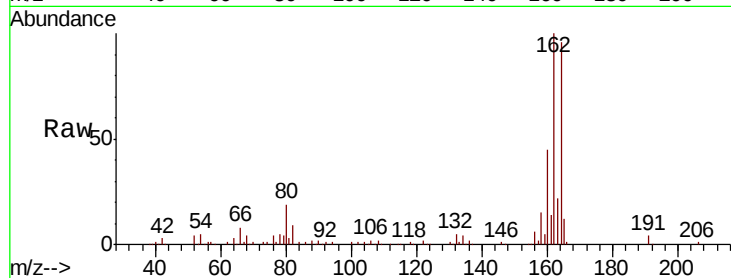




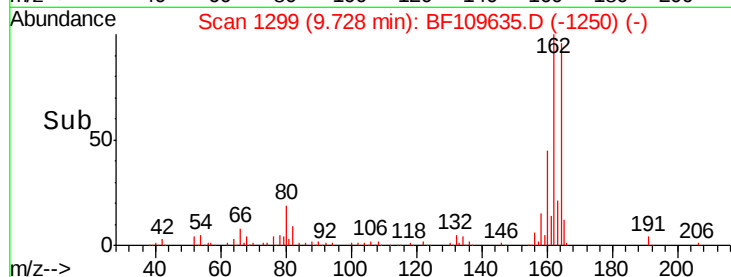
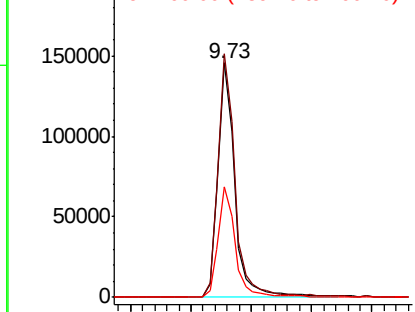
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-D-S

Tgt Ion:164 Resp: 140090
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 46.9 38.3 57.5

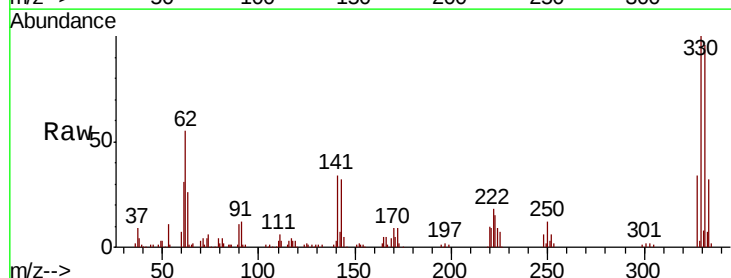


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

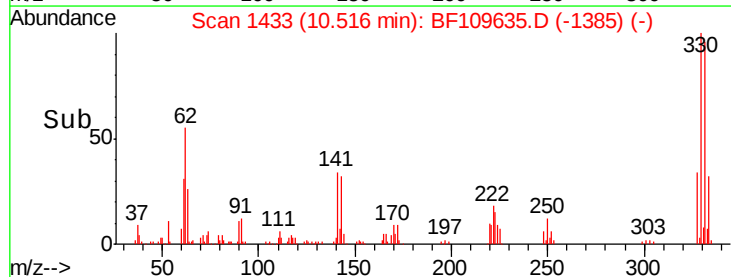
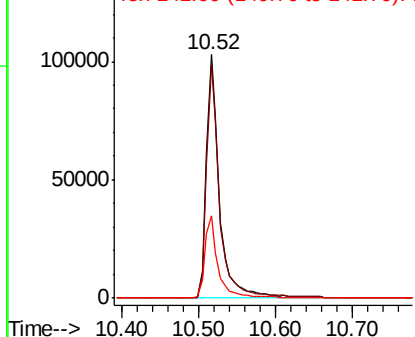


#41
 2,4,6-Tribromophenol
 Concen: 89.208 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

Tgt Ion:330 Resp: 123196
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 33.7 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

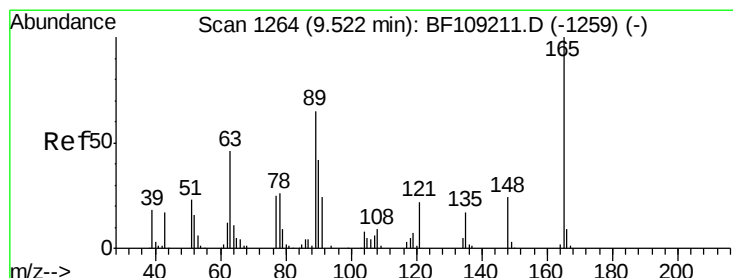
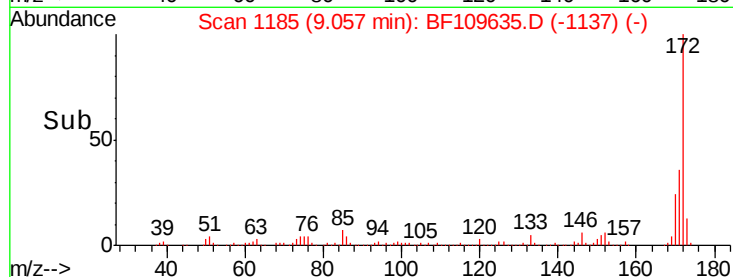
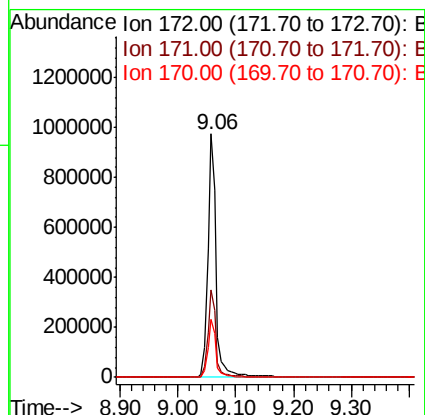
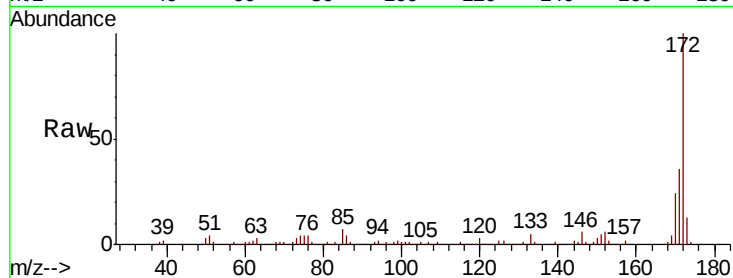




#44
 2-Fluorobiphenyl
 Concen: 108.068 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

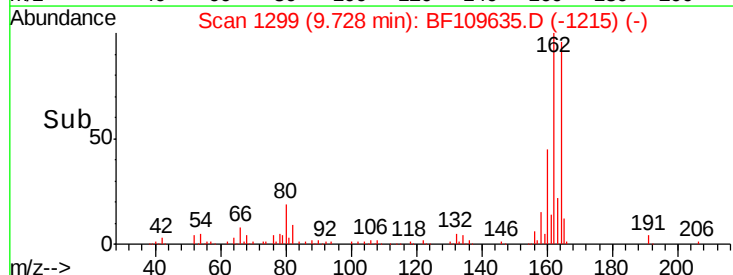
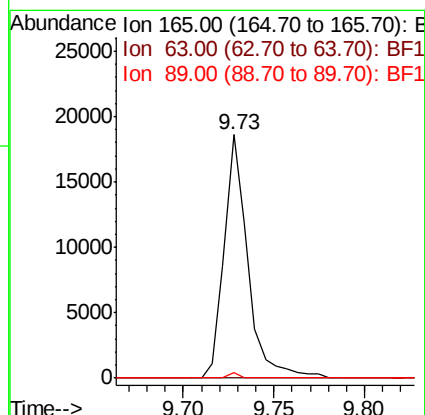
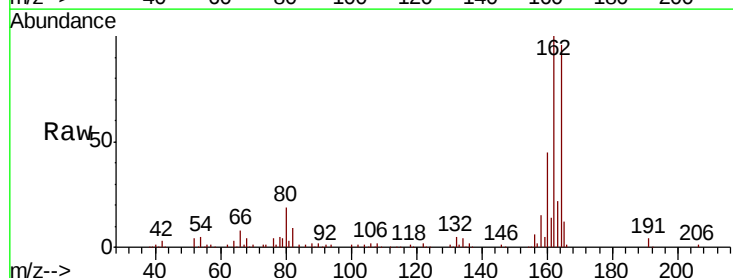
Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-D-S

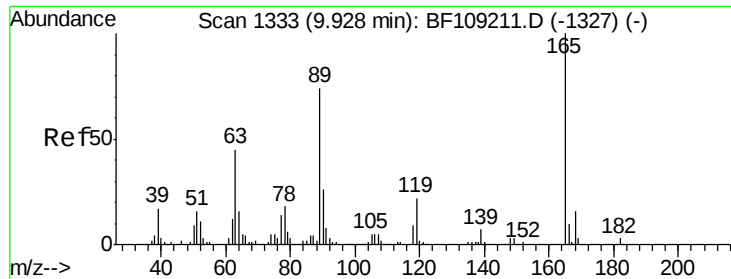
Tgt Ion:172 Resp: 1003798
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.399 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

Tgt Ion:165 Resp: 16949
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 2.0 44.0 66.0#

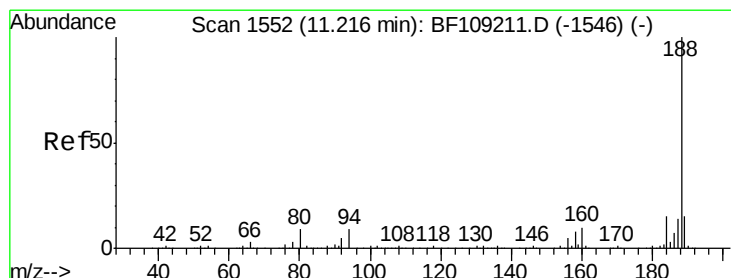
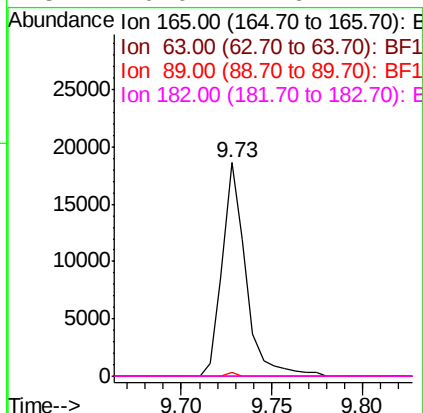
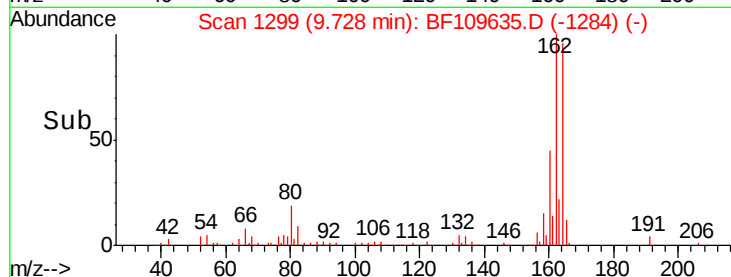
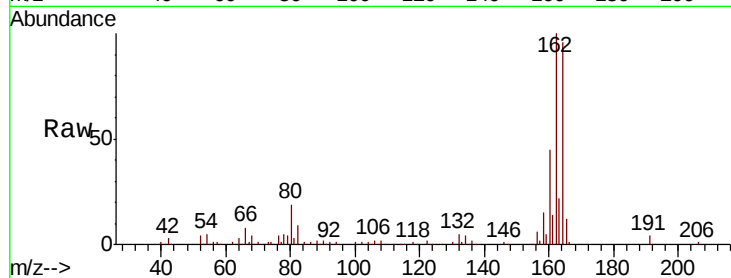




#56
 2,4-Dinitrotoluene
 Concen: 6.638 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

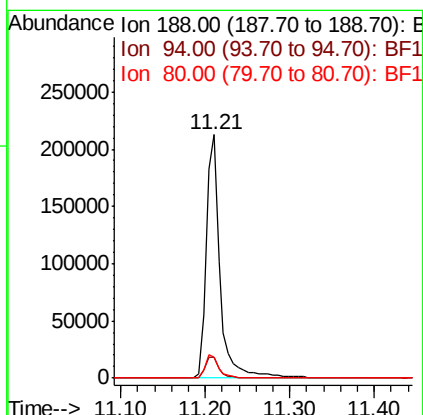
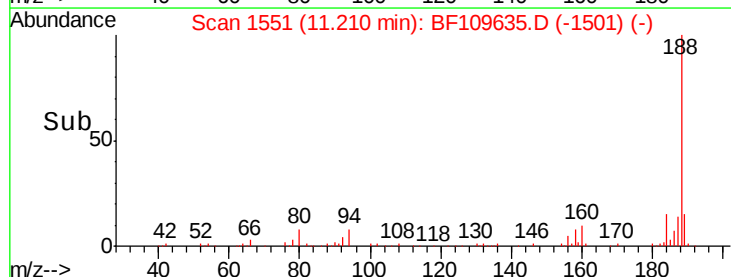
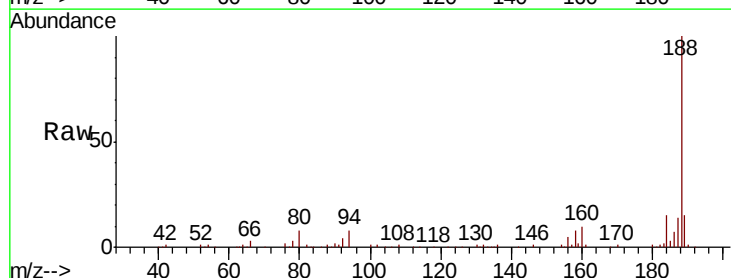
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Tgt Ion:	165	Resp:	16949
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109635.D
 Acq: 6 Oct 2018 3:37

Tgt Ion:	188	Resp:	241525
Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.4	9.2	13.8#

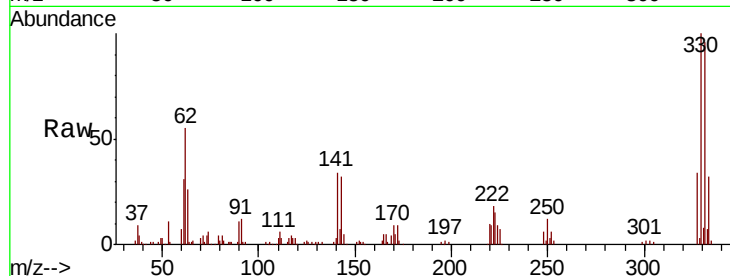




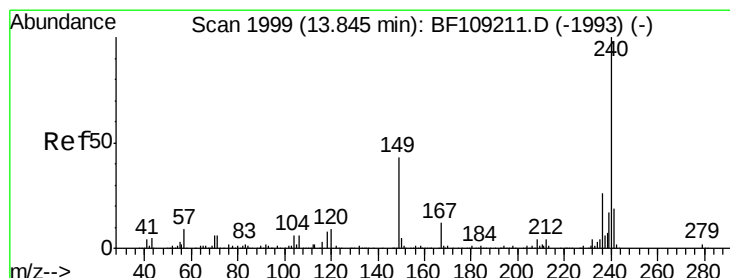
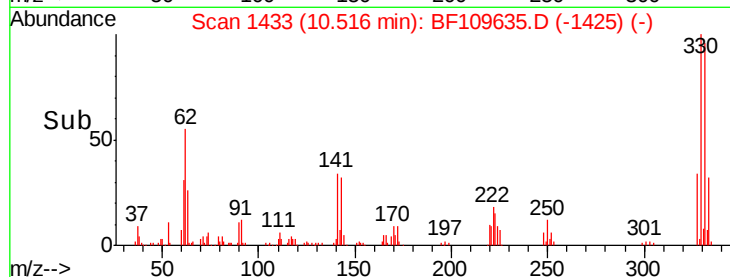
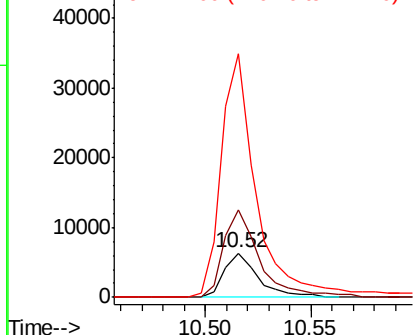
#66
4-Bromophenyl-phenylether
Concen: 2.632 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-S

Tgt Ion:248 Resp: 7060
Ion Ratio Lower Upper
248 100
250 198.2 76.9 115.3#
141 551.4 74.4 111.6#

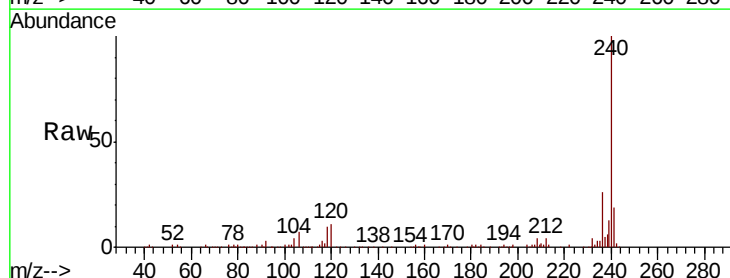


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

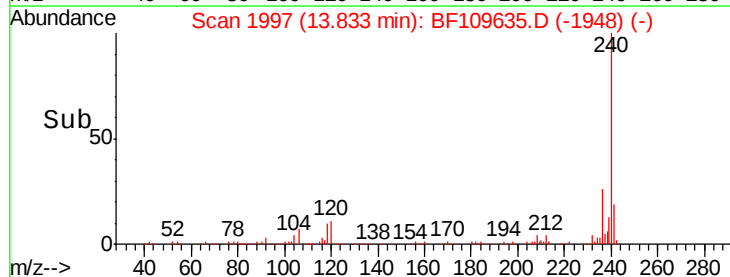
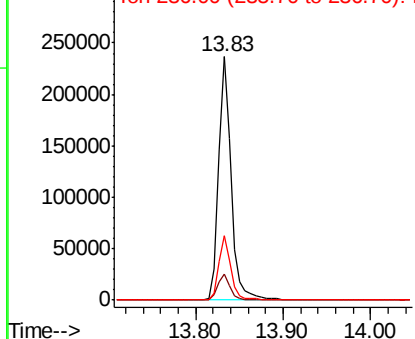


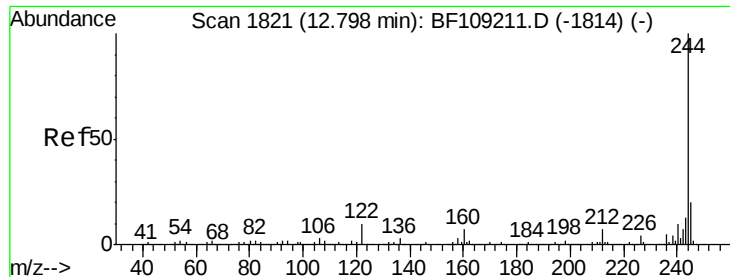
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Tgt Ion:240 Resp: 236559
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 26.4 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: 82.516 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109635.D

Acq: 6 Oct 2018 3:37

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-D-S

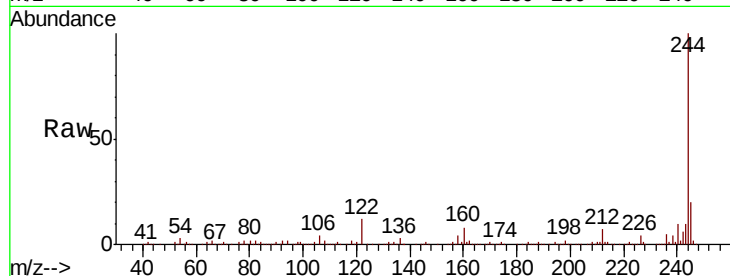
Tgt Ion:244 Resp: 795376

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

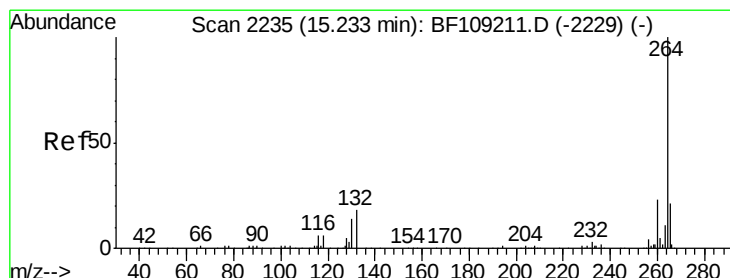
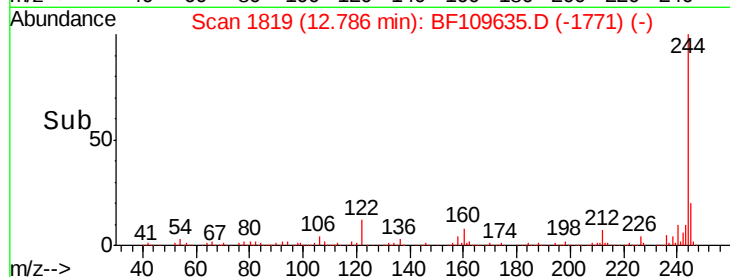
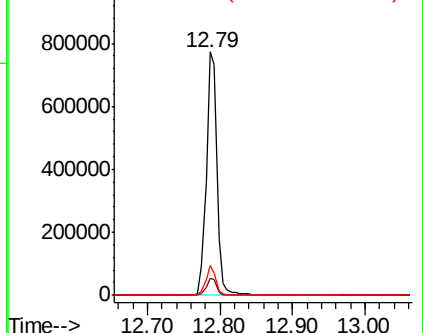
122 12.0 11.0 16.4



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109635.D

Acq: 6 Oct 2018 3:37

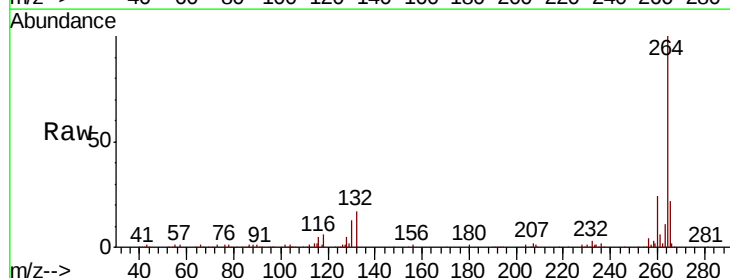
Tgt Ion:264 Resp: 187006

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.3 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

