

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109505.D
 Acq On : 2 Oct 2018 16:56
 Operator : JU/SJ
 Sample : J5186-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-S

Quant Time: Oct 03 03:07:42 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

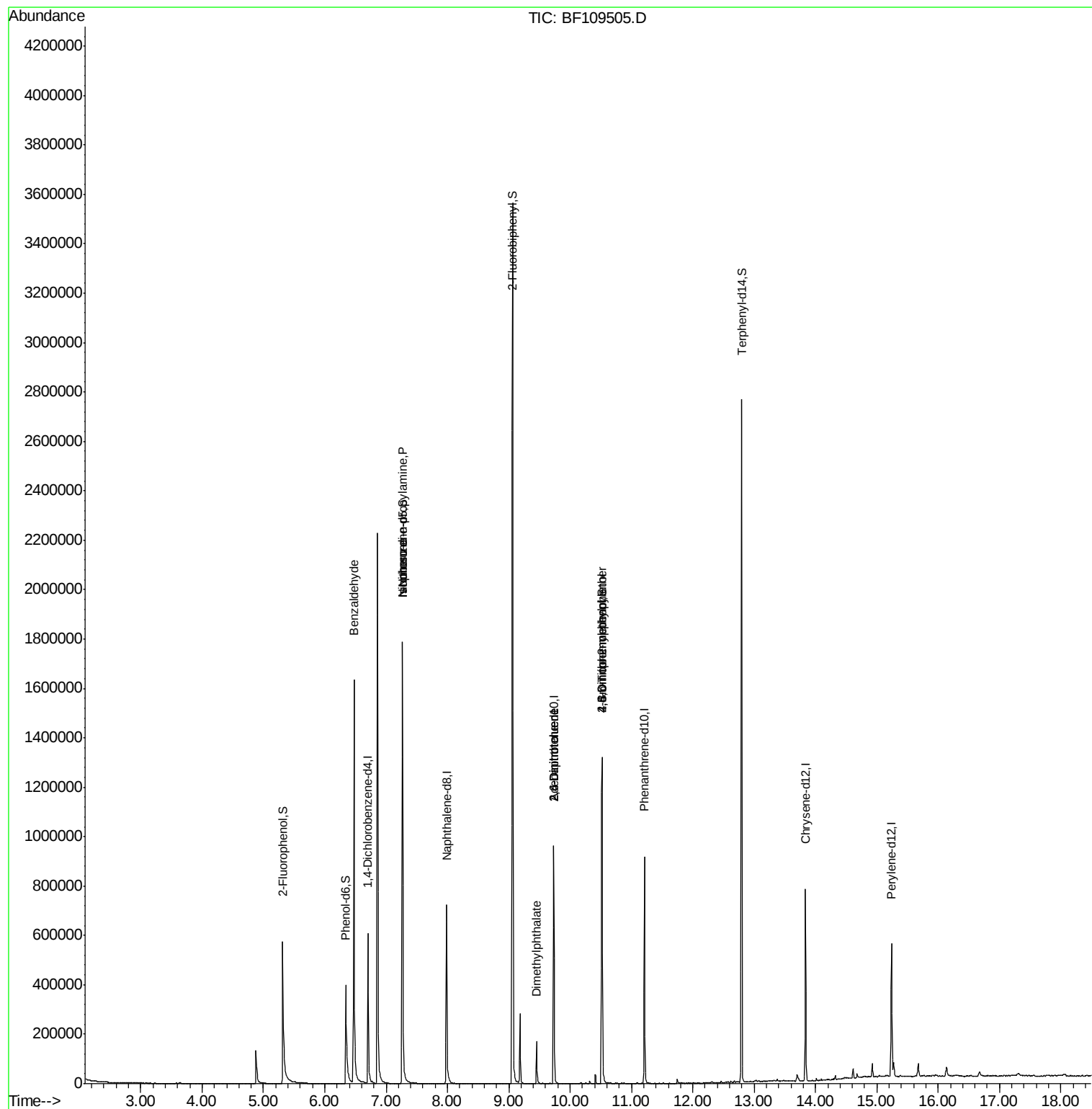
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105531	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	400385	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	187908	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	342858	20.00	ng	0.00
75) Chrysene-d12	13.84	240	265376	20.00	ng	0.00
86) Perylene-d12	15.24	264	260779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	256004	39.96	ng	0.00
7) Phenol-d6	6.35	99	207076	25.33	ng	-0.01
23) Nitrobenzene-d5	7.27	82	666723	98.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	179510	96.91	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1175598	94.36	ng	-0.01
78) Terphenyl-d14	12.80	244	1056083	97.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	11077	2.109	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	90086	16.816	ng	# 78
25) Isophorone	7.27	82	639789	52.383	ng	# 64
49) Dimethylphthalate	9.45	163	82326	6.024	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	23406	8.647	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	23406	6.834	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	276	6.693	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11034	2.898	ng	# 1

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

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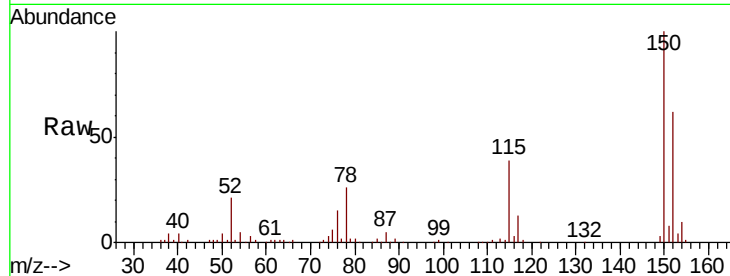




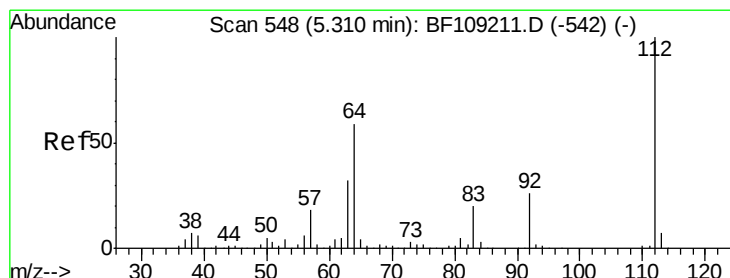
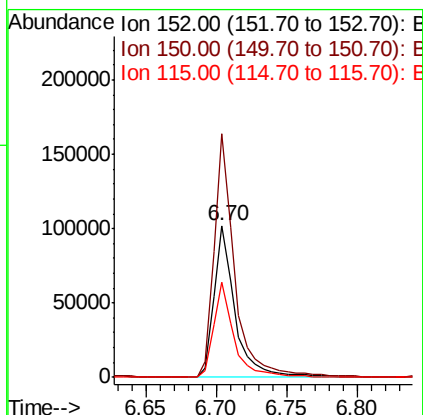
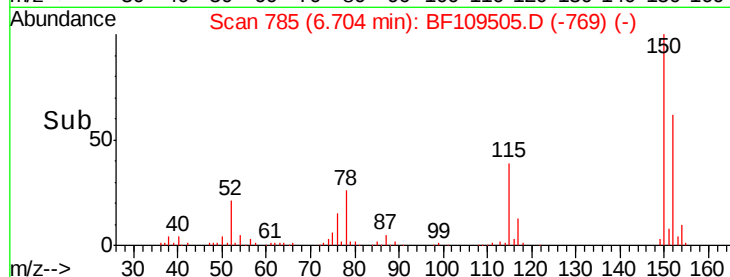
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109505.D
 Acq: 2 Oct 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-S

Tgt Ion:152 Resp: 105531
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.6 186.8
 115 62.4 50.1 75.1

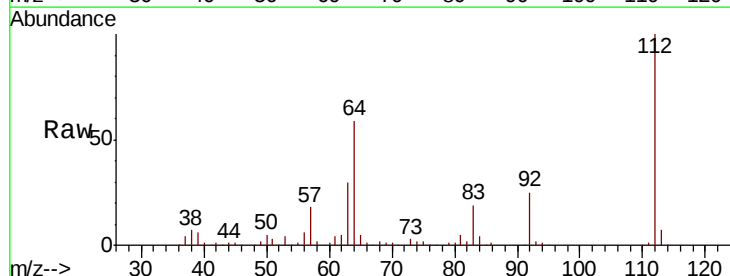


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

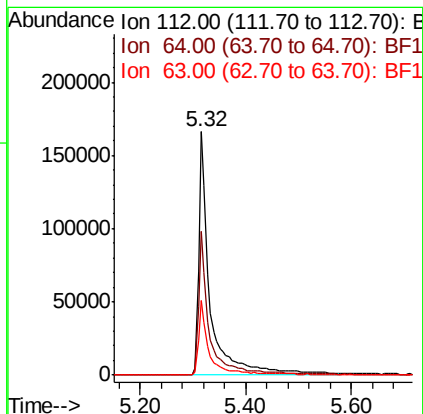
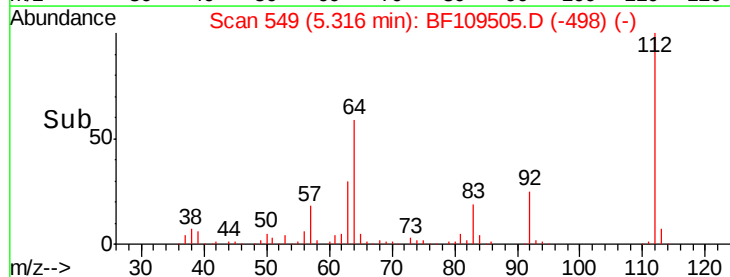


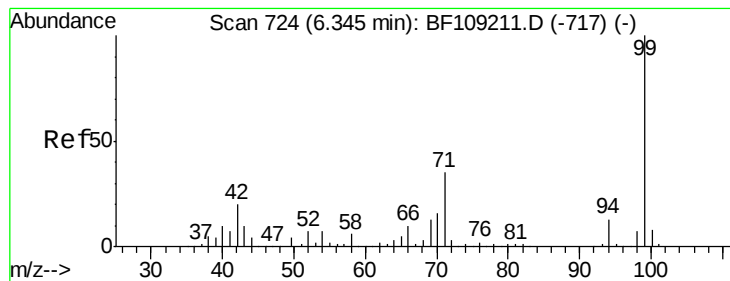
#5
 2-Fluorophenol
 Concen: 39.956 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109505.D
 Acq: 2 Oct 2018 16:56

Tgt Ion:112 Resp: 256004
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.9 71.9
 63 30.5 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: 25.328 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109505.D

Acq: 2 Oct 2018 16:56

Instrument :

BNA_F

ClientSampleId :

092718-SIDI-F-D-S

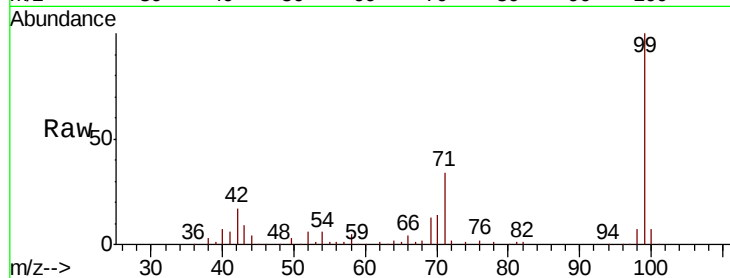
Tgt Ion: 99 Resp: 207076

Ion Ratio Lower Upper

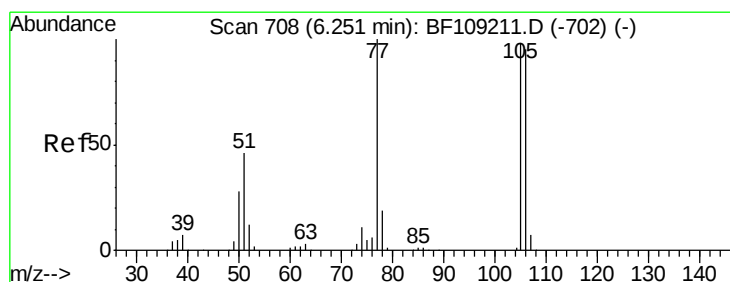
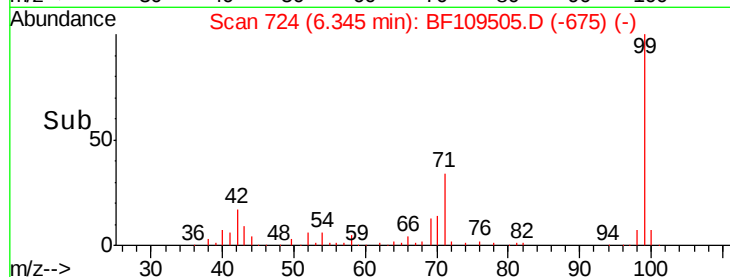
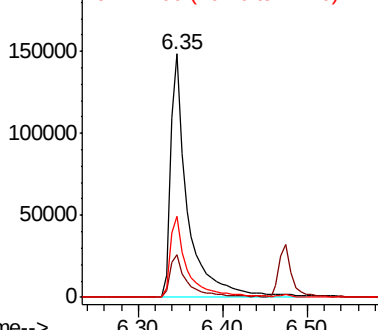
99 100

42 17.5 14.5 21.7

71 33.5 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: 2.109 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109505.D

Acq: 2 Oct 2018 16:56

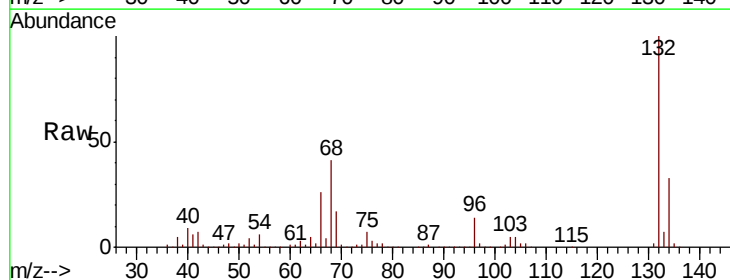
Tgt Ion: 77 Resp: 11077

Ion Ratio Lower Upper

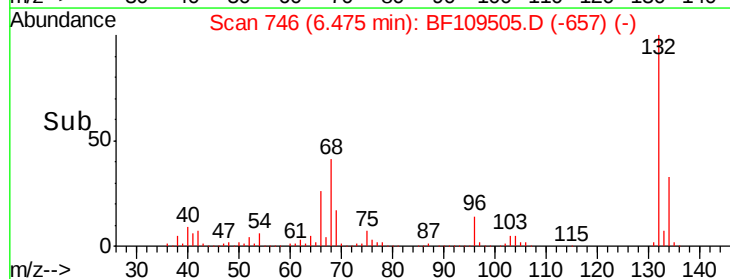
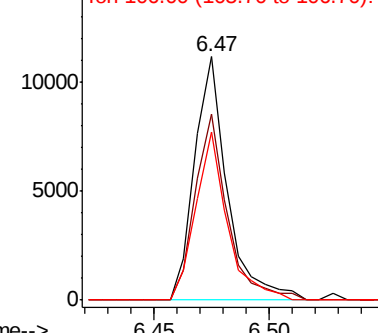
77 100

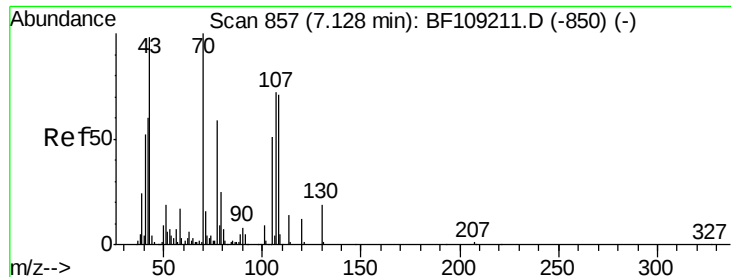
105 76.2 81.1 121.1#

106 69.2 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

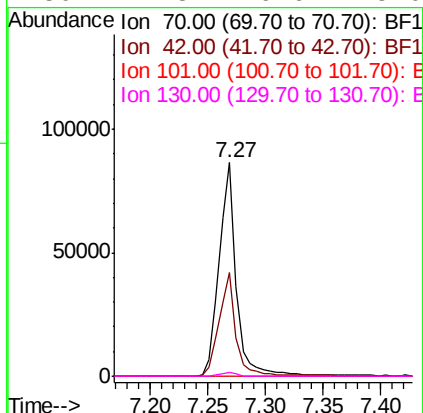
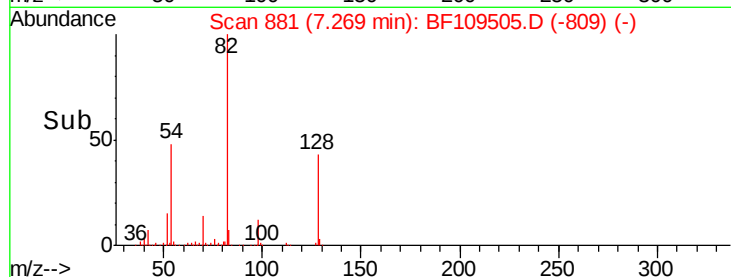
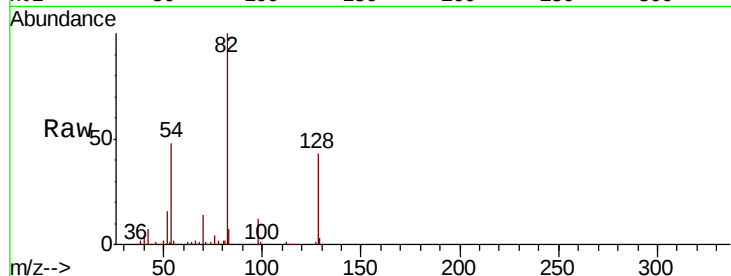




#19
n-Nitroso-di-n-propylamine
Concen: 16.816 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109505.D
Acq: 2 Oct 2018 16:56

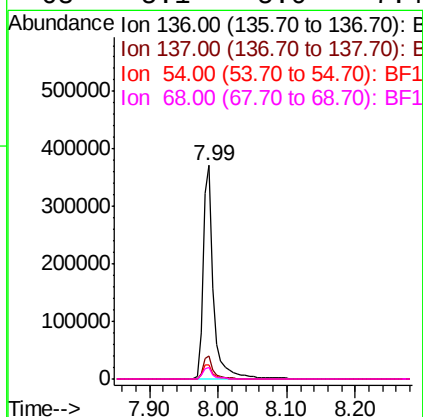
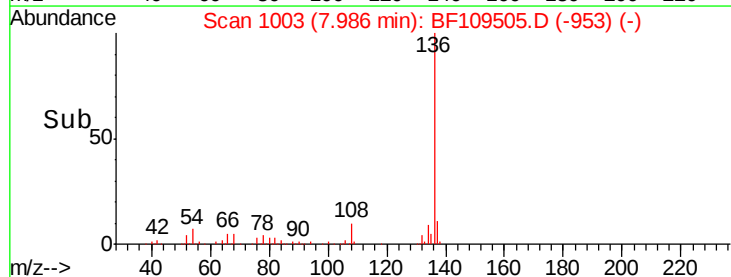
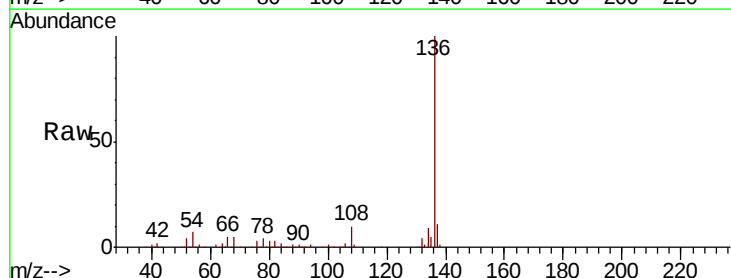
Instrument :
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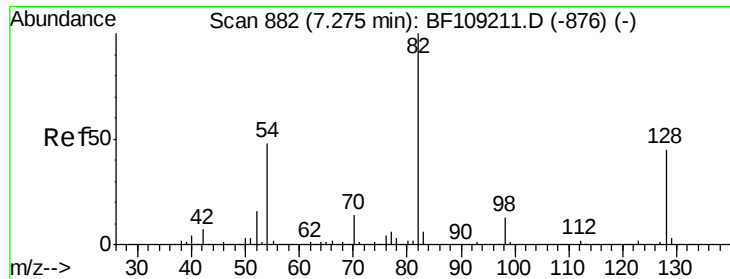
Tgt Ion: 70 Resp: 90086
Ion Ratio Lower Upper
70 100
42 48.5 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109505.D
Acq: 2 Oct 2018 16:56

Tgt Ion: 136 Resp: 400385
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.5 6.6 9.8#
68 5.1 5.0 7.4

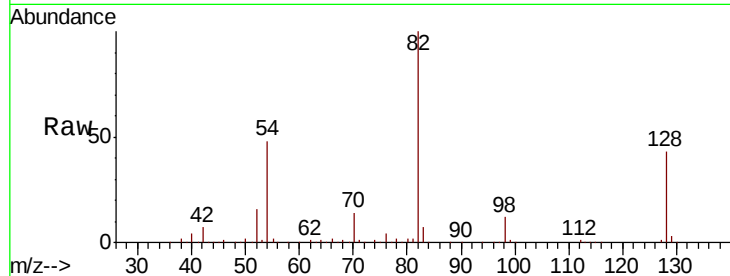




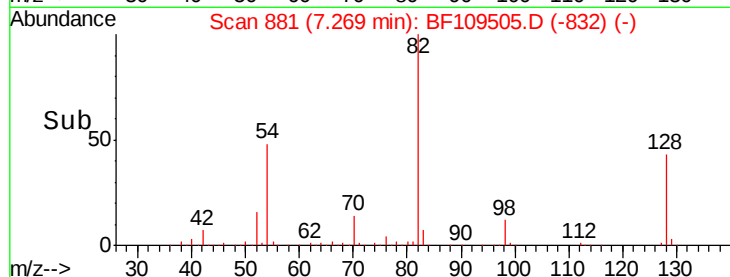
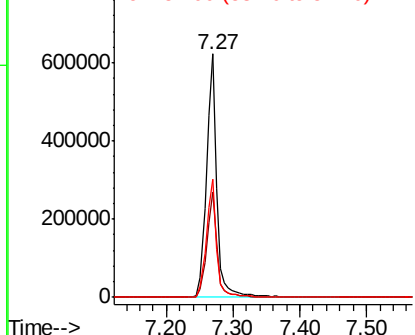
#23
 Nitrobenzene-d5
 Concen: 98.300 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109505.D
 Acq: 2 Oct 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-S

Tgt Ion: 82 Resp: 666723
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 48.5 41.4 62.2

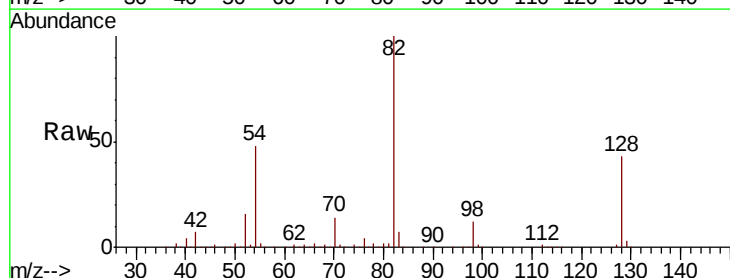


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

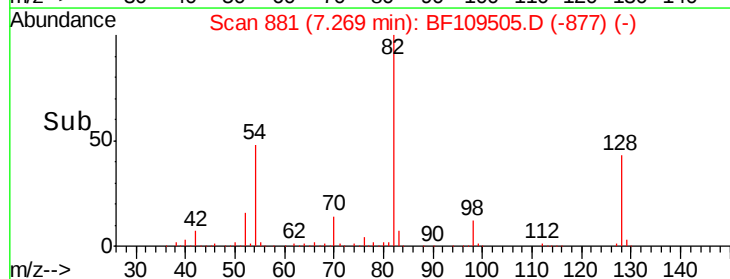
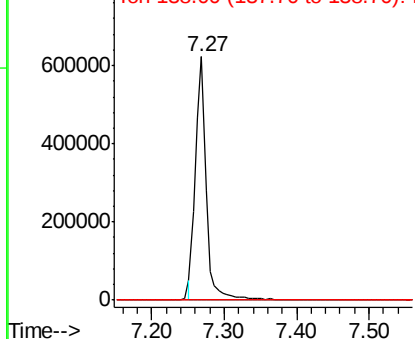


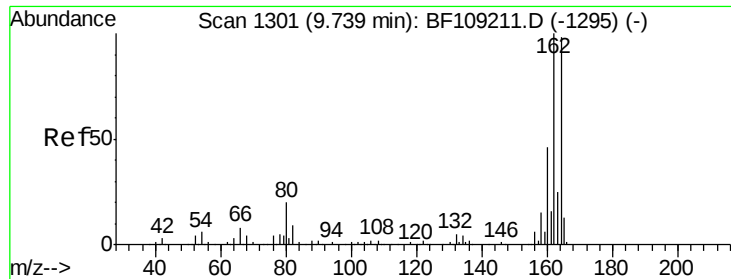
#25
 Isophorone
 Concen: 52.383 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109505.D
 Acq: 2 Oct 2018 16:56

Tgt Ion: 82 Resp: 639789
 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

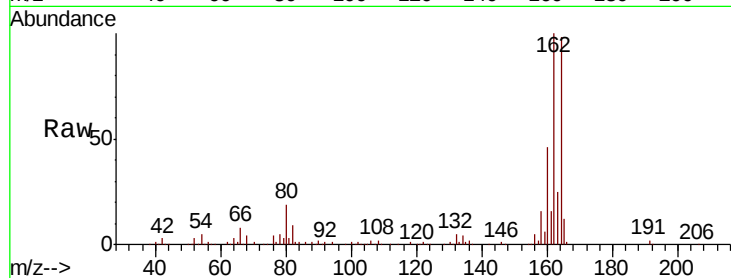




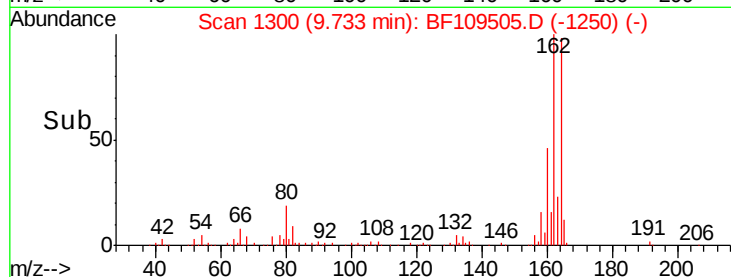
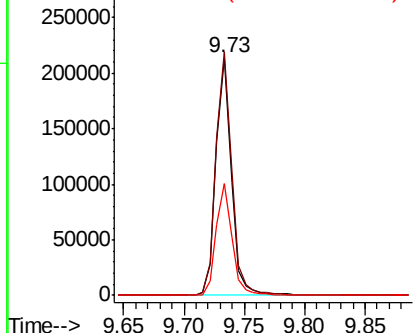
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109505.D
 Acq: 2 Oct 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-S

Tgt Ion:164 Resp: 187908
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 46.8 38.3 57.5

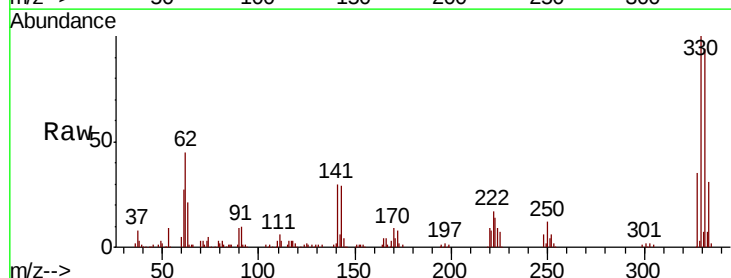


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

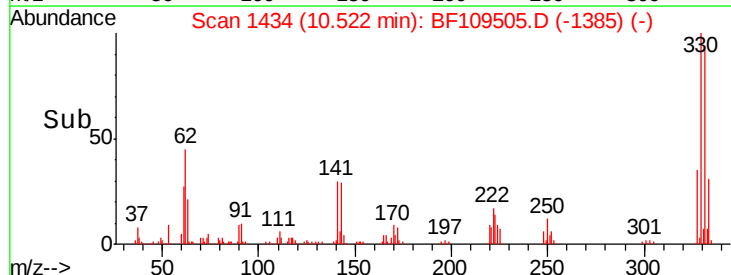
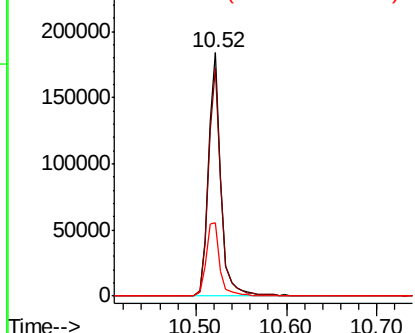


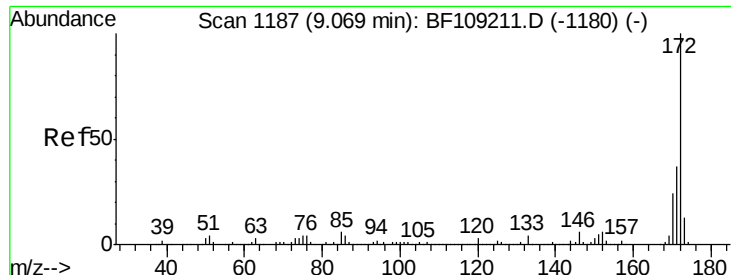
#41
 2,4,6-Tribromophenol
 Concen: 96.908 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109505.D
 Acq: 2 Oct 2018 16:56

Tgt Ion:330 Resp: 179510
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 33.3 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

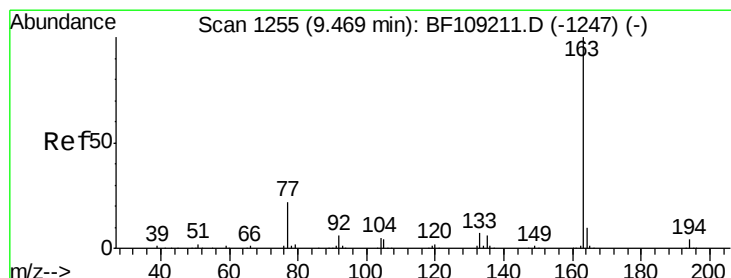
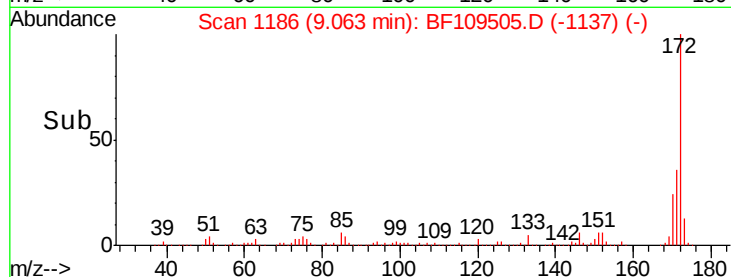
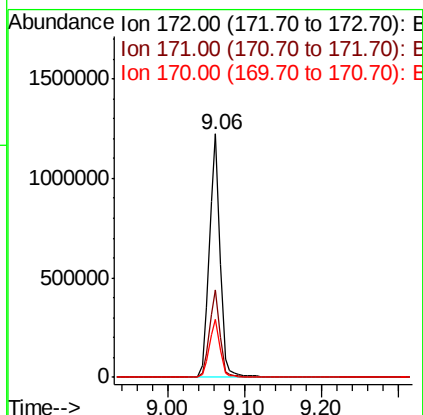
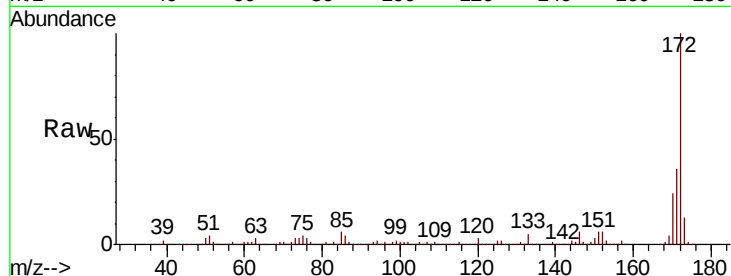




#44
2-Fluorobiphenyl
Concen: 94.356 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109505.D
Acq: 2 Oct 2018 16:56

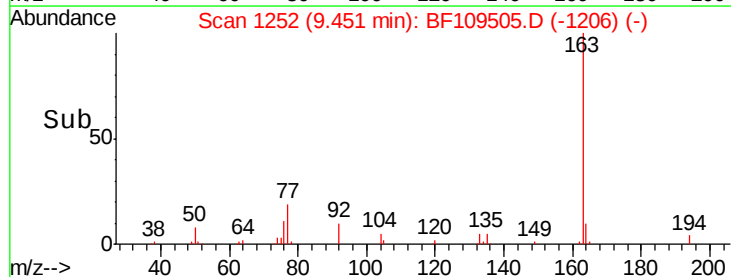
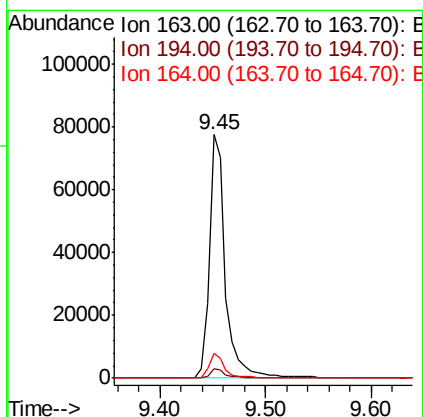
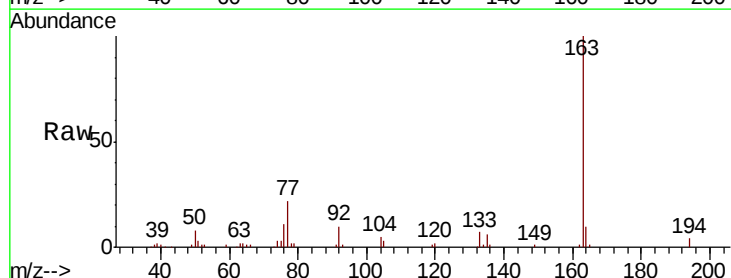
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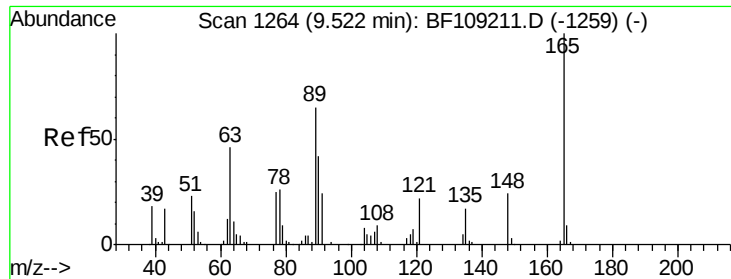
Tgt Ion:172 Resp: 1175598
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 6.024 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109505.D
Acq: 2 Oct 2018 16:56

Tgt Ion:163 Resp: 82326
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

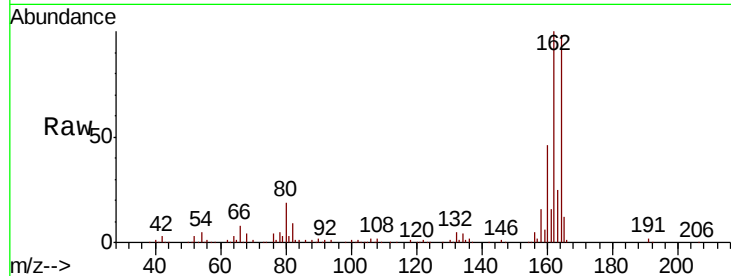




#50
 2,6-Dinitrotoluene
 Concen: 8.647 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109505.D
 Acq: 2 Oct 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-S

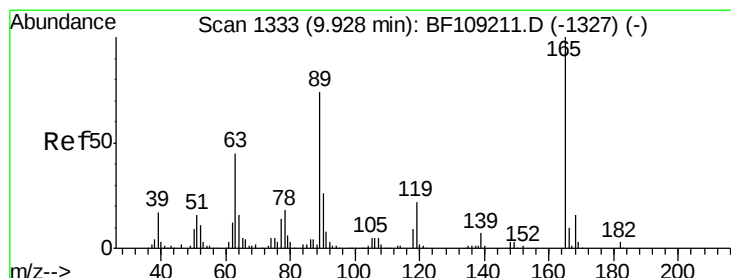
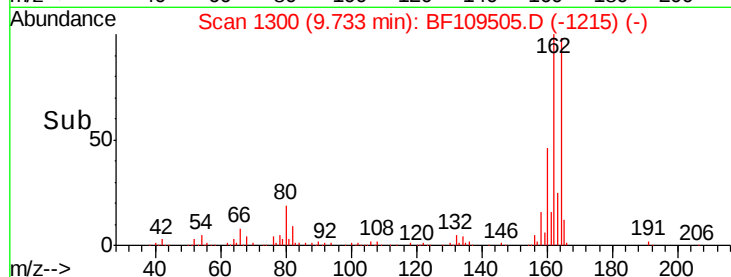
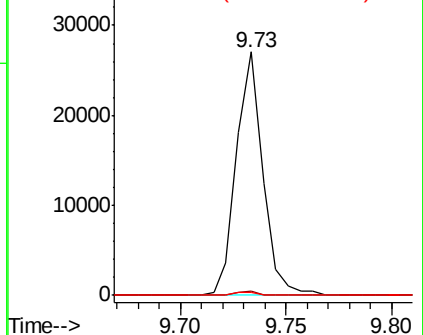
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.3	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.834 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109505.D
 Acq: 2 Oct 2018 16:56

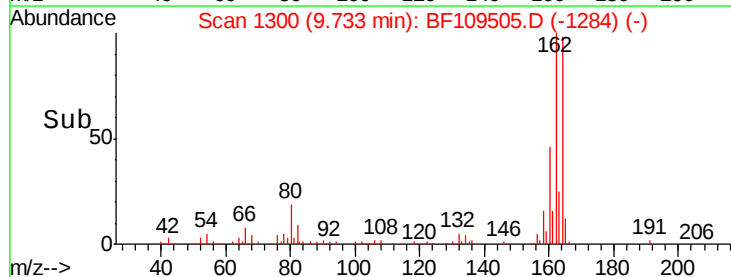
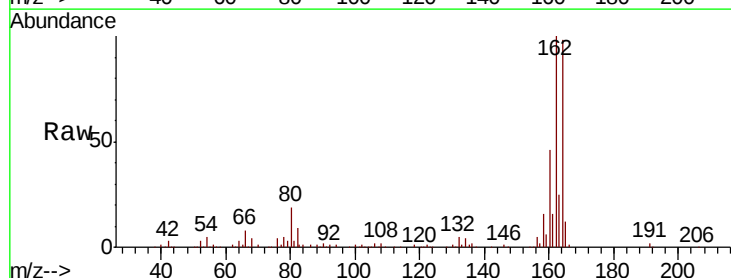
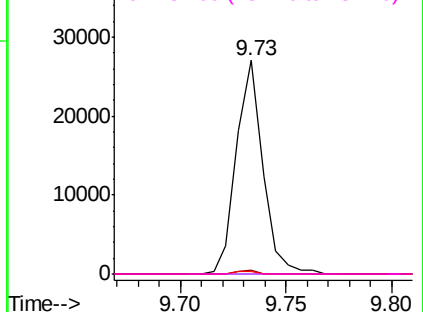
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

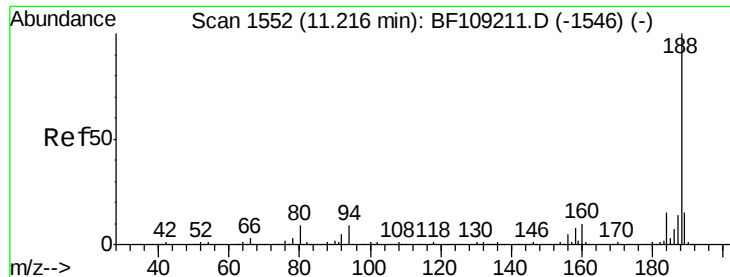
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

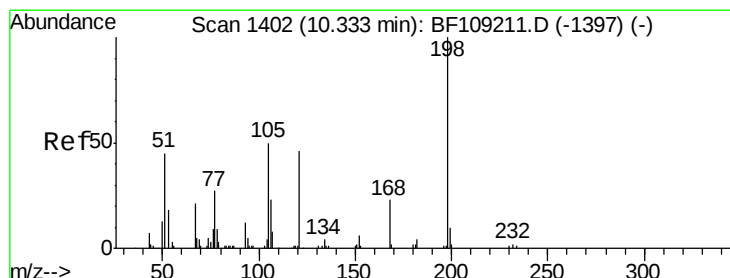
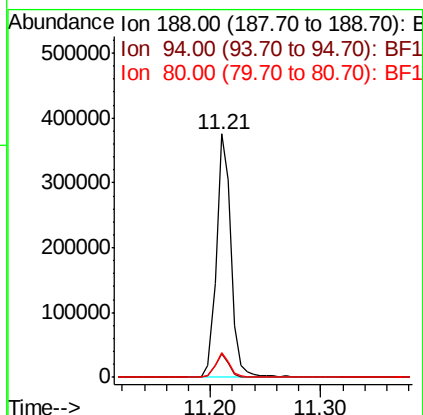
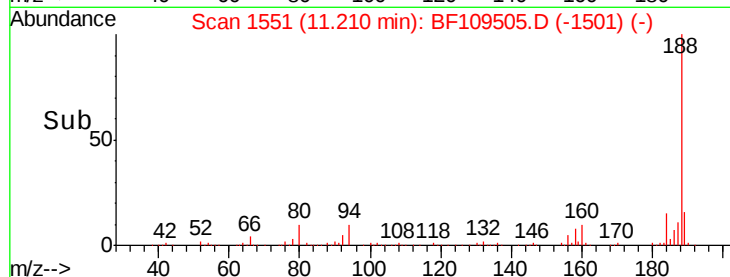
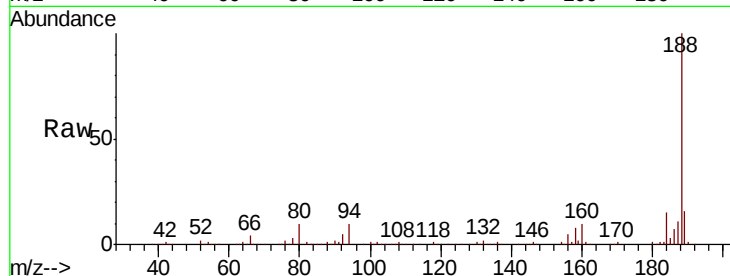




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109505.D
Acq: 2 Oct 2018 16:56

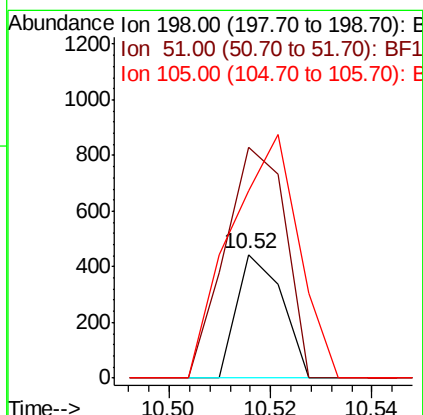
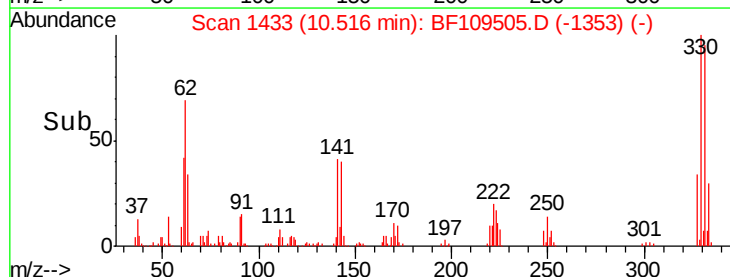
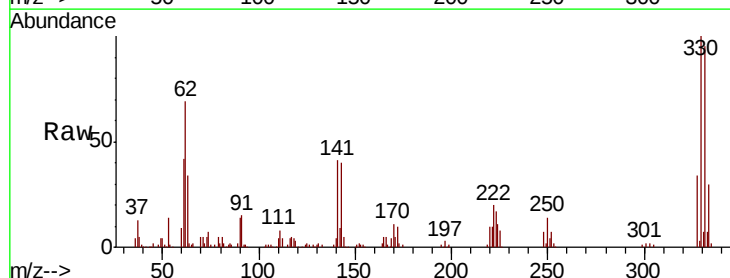
Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-S

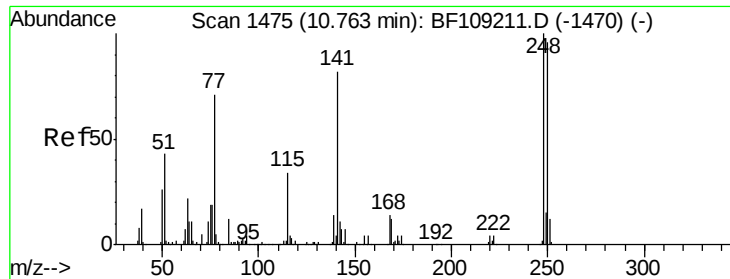
Tgt Ion:188 Resp: 342858
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.693 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109505.D
Acq: 2 Oct 2018 16:56

Tgt Ion:198 Resp: 276
Ion Ratio Lower Upper
198 100
51 186.5 37.7 77.7#
105 151.0 36.3 76.3#

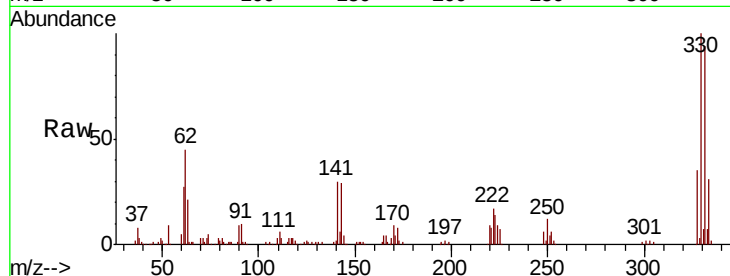




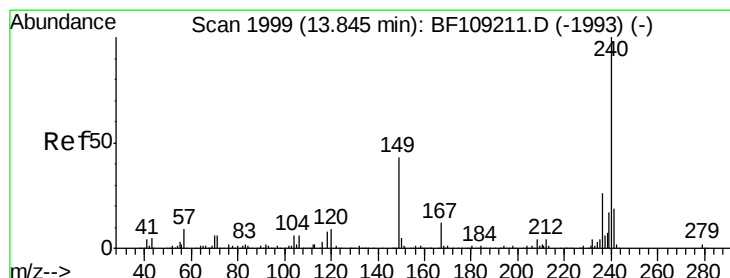
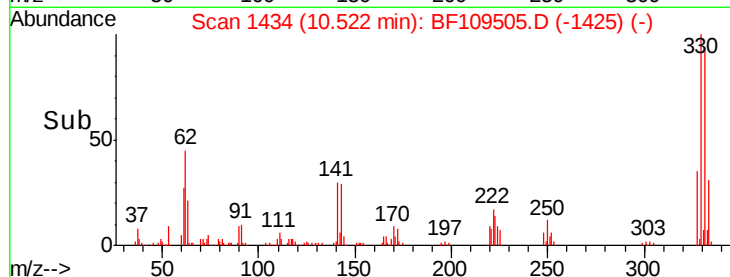
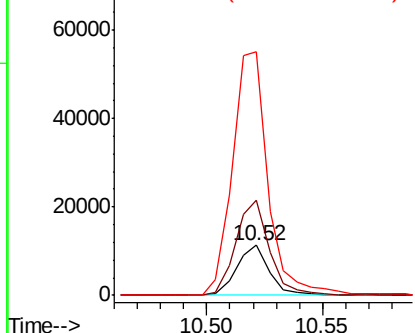
#66
4-Bromophenyl-phenylether
Concen: 2.898 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109505.D
Acq: 2 Oct 2018 16:56

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-S

Tgt Ion:248 Resp: 11034
Ion Ratio Lower Upper
248 100
250 190.3 76.9 115.3#
141 487.7 74.4 111.6#

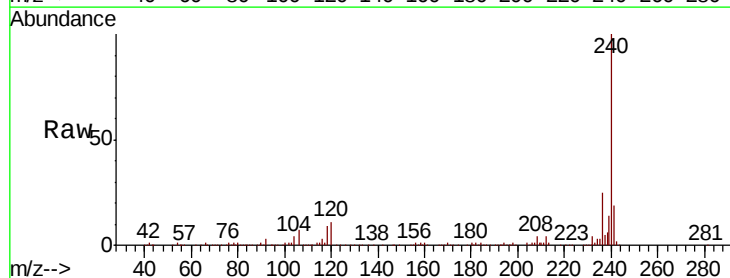


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

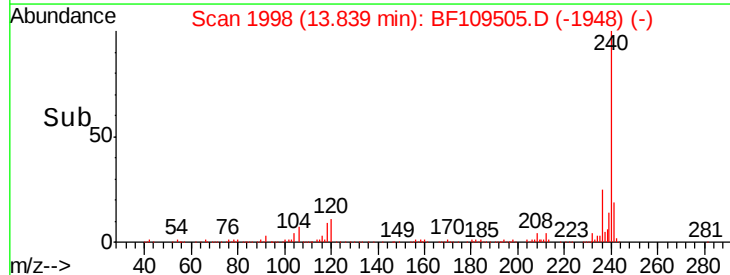
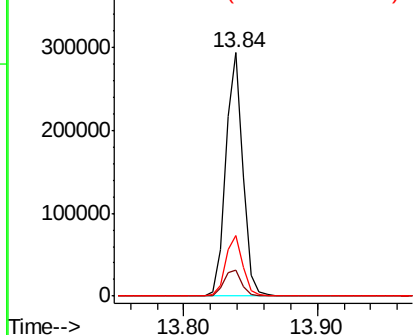


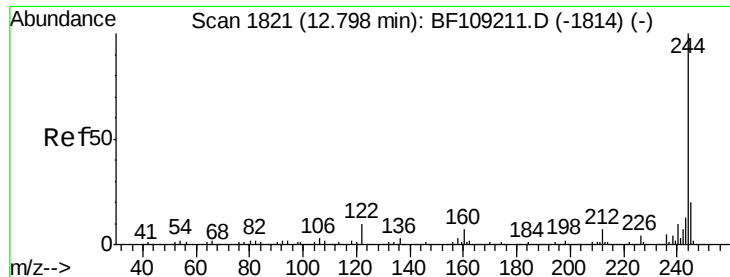
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109505.D
Acq: 2 Oct 2018 16:56

Tgt Ion:240 Resp: 265376
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 25.1 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

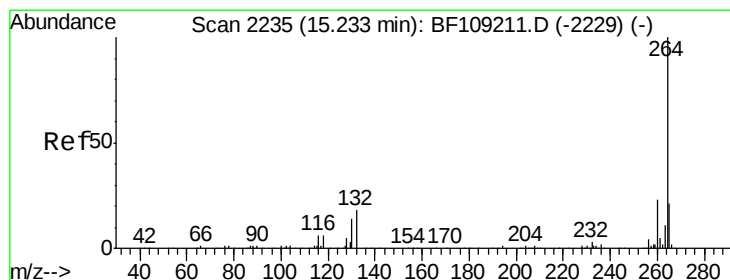
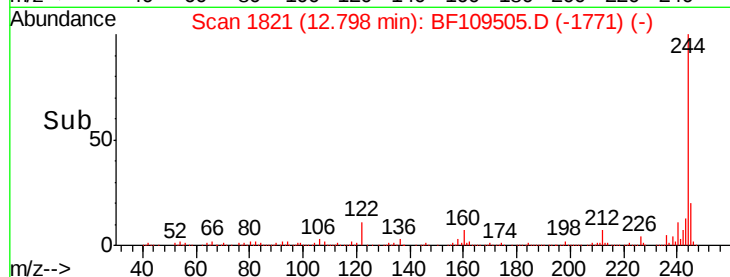
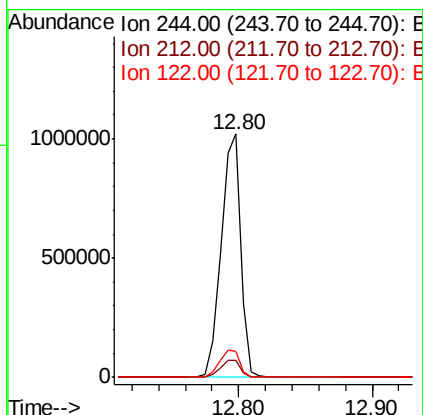
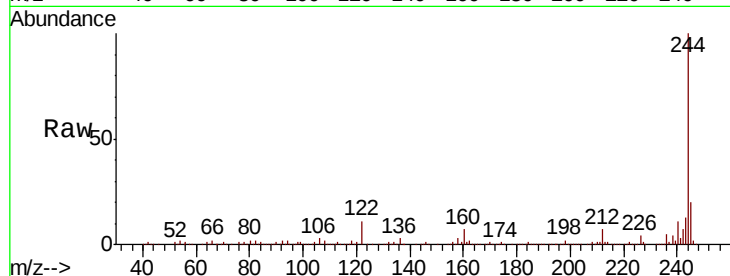




#78
 Terphenyl-d14
 Concen: 97.665 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109505.D
 Acq: 2 Oct 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-S

Tgt Ion:244 Resp: 1056083
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109505.D
 Acq: 2 Oct 2018 16:56

Tgt Ion:264 Resp: 260779
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.6 17.5 26.3

