

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109412.D
 Acq On : 28 Sep 2018 3:57
 Operator : JU/SJ
 Sample : J5076-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-U-M

Quant Time: Sep 28 05:17:25 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	108681	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	403225	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	176211	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	285134	20.00	ng	0.00
75) Chrysene-d12	13.84	240	252751	20.00	ng	0.00
86) Perylene-d12	15.24	264	189486	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	271831	41.20	ng	0.00
7) Phenol-d6	6.34	99	228950	27.19	ng	-0.02
23) Nitrobenzene-d5	7.27	82	695970	101.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	147346	84.82	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1146078	98.09	ng	-0.01
78) Terphenyl-d14	12.80	244	967920	93.98	ng	0.00

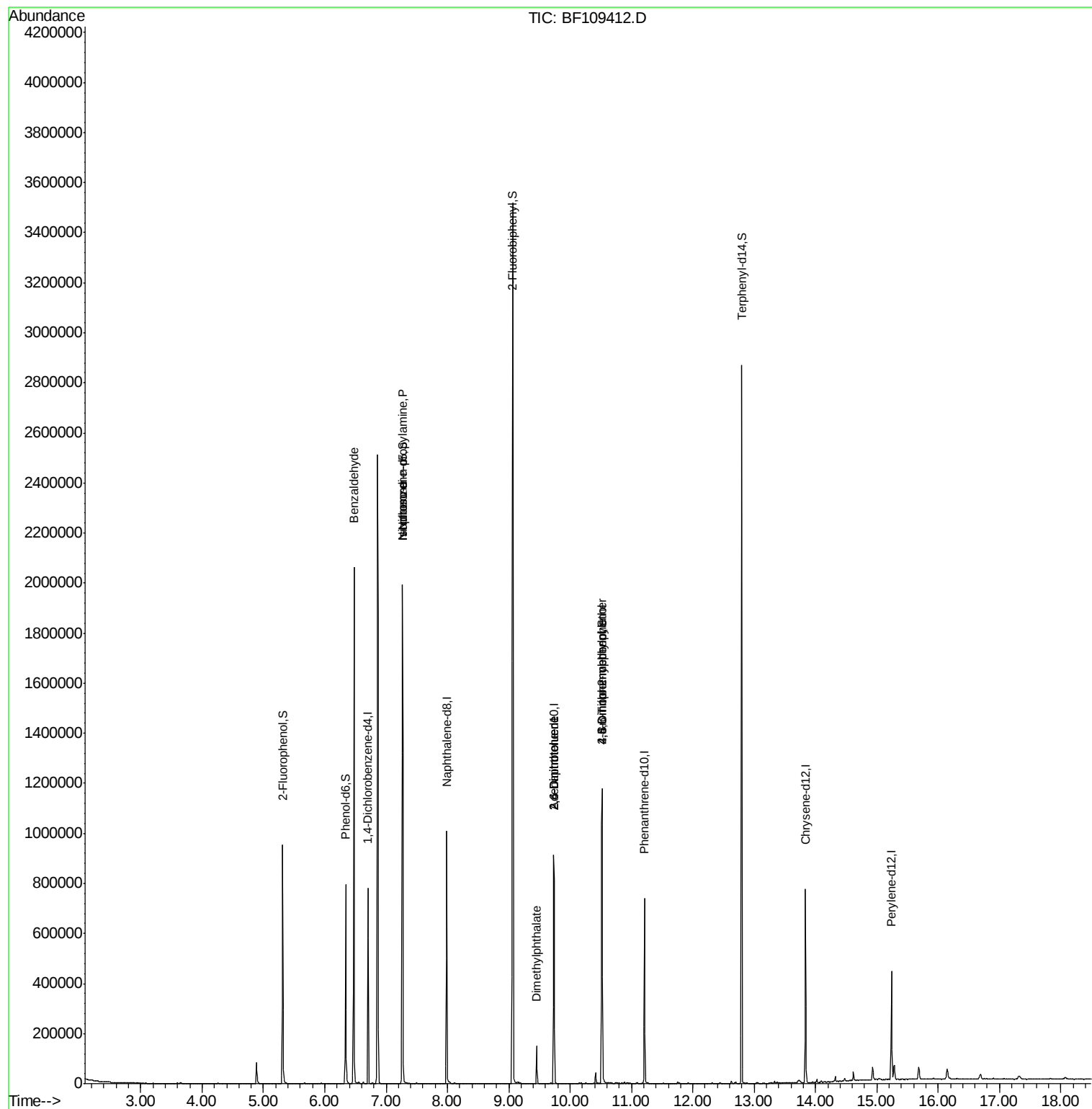
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	11647	2.153	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	94019	17.041	ng	# 76
25) Isophorone	7.27	82	666358	54.174	ng	# 64
49) Dimethylphthalate	9.46	163	64987	5.071	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	22386	8.819	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	22386	6.970	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	283	6.734	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9020	2.849	ng	# 1

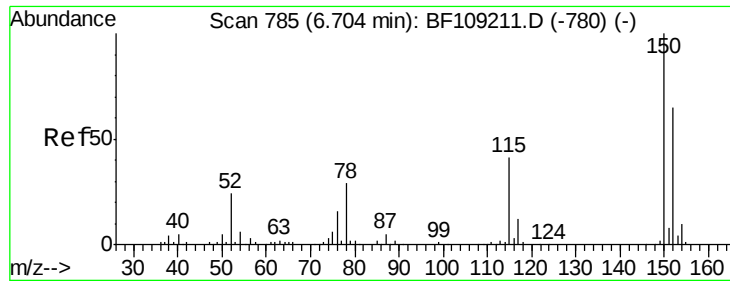
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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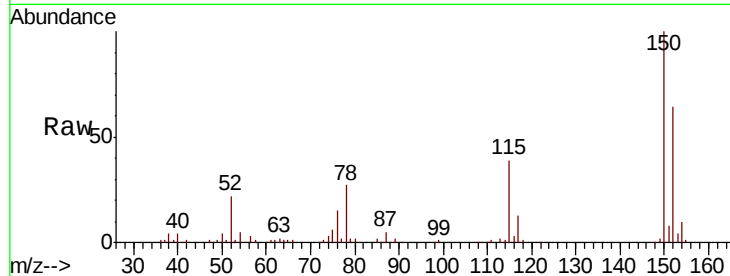




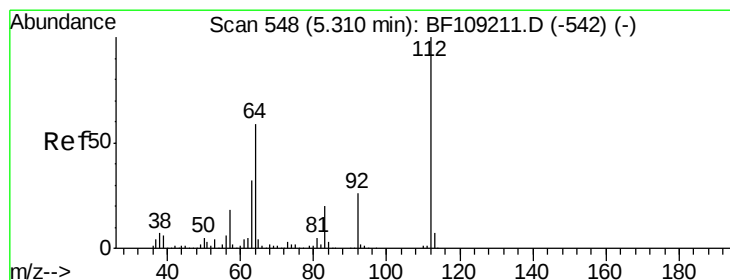
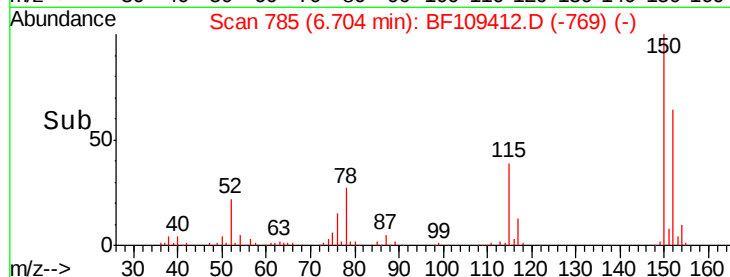
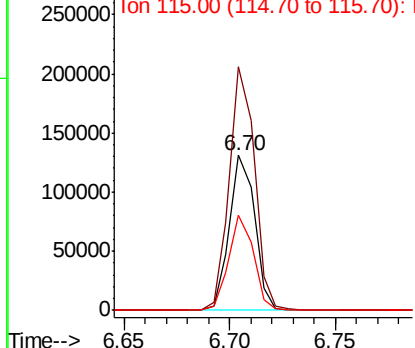
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-U-M

Tgt Ion:152 Resp: 108681
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 61.3 50.1 75.1

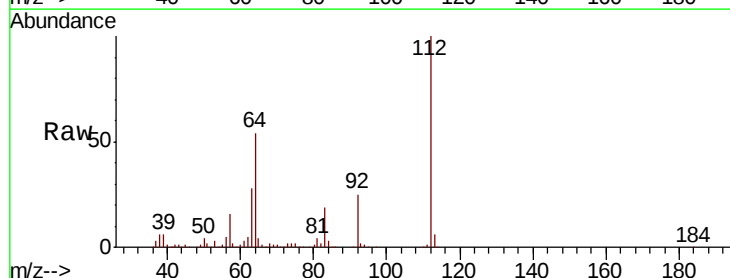


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

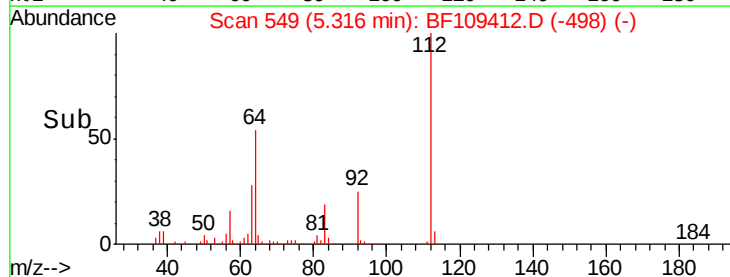
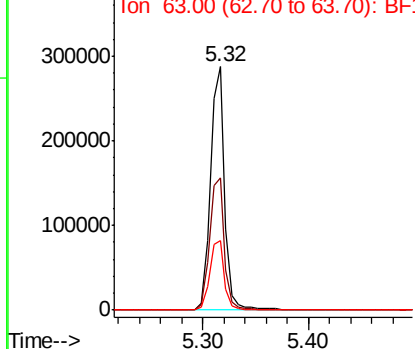


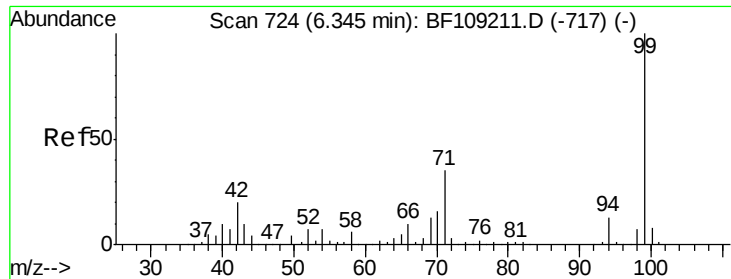
#5
 2-Fluorophenol
 Concen: 41.196 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Tgt Ion:112 Resp: 271831
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.9 71.9
 63 28.4 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: 27.192 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109412.D

Acq: 28 Sep 2018 3:57

Instrument :

BNA_F

ClientSampleId :

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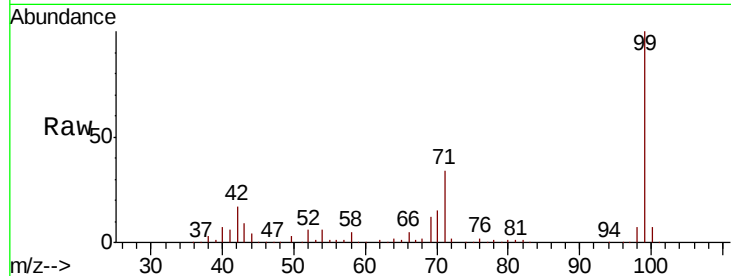
Tgt Ion: 99 Resp: 228950

Ion Ratio Lower Upper

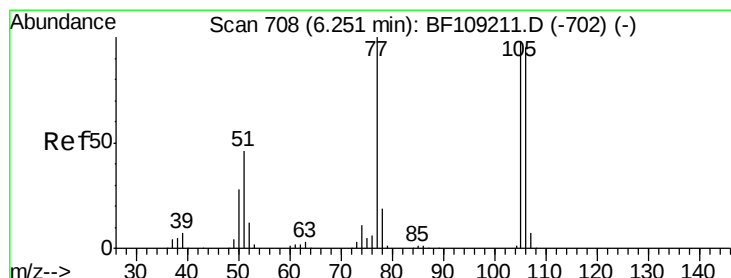
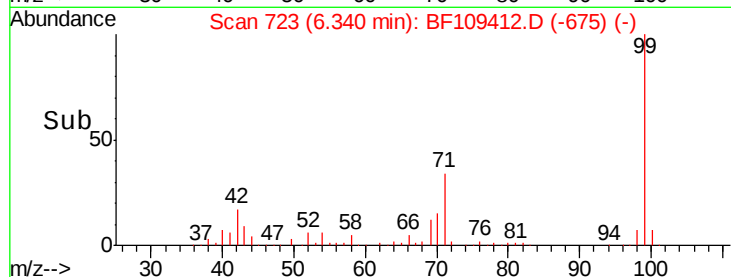
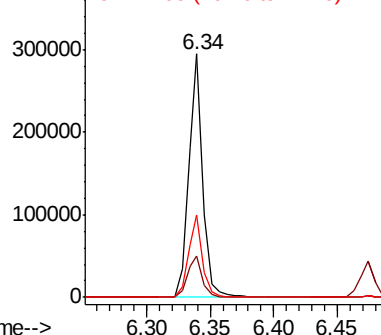
99 100

42 17.2 14.5 21.7

71 33.8 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: 2.153 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109412.D

Acq: 28 Sep 2018 3:57

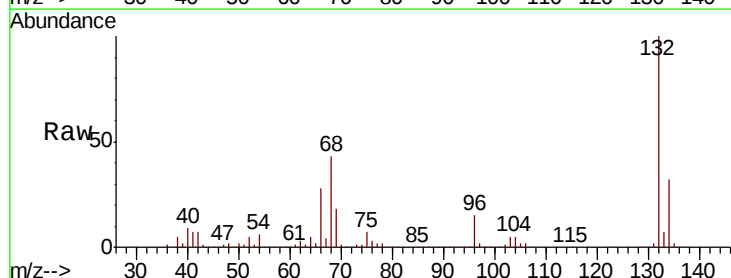
Tgt Ion: 77 Resp: 11647

Ion Ratio Lower Upper

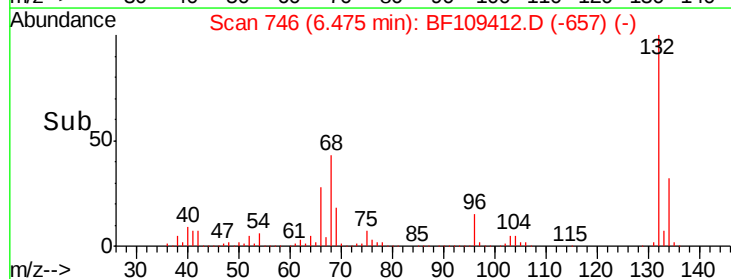
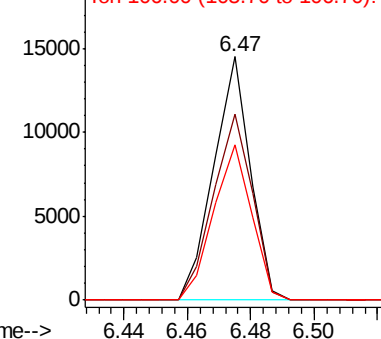
77 100

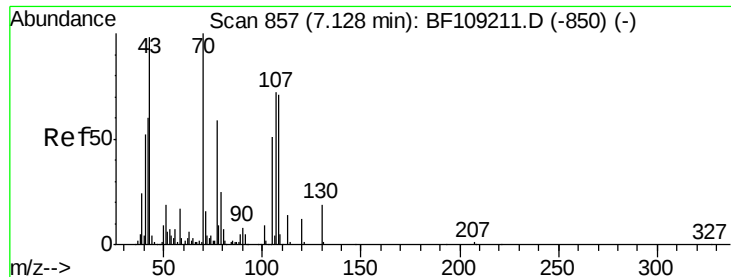
105 76.3 81.1 121.1#

106 63.8 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

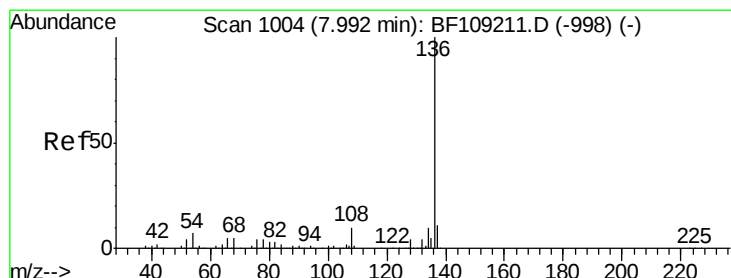
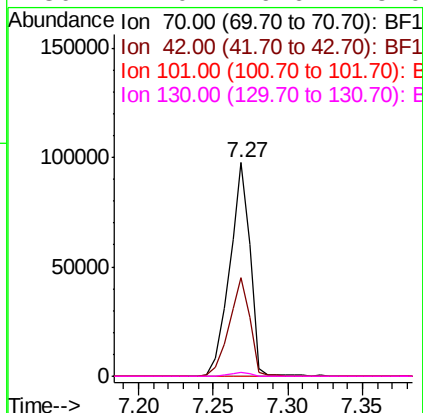
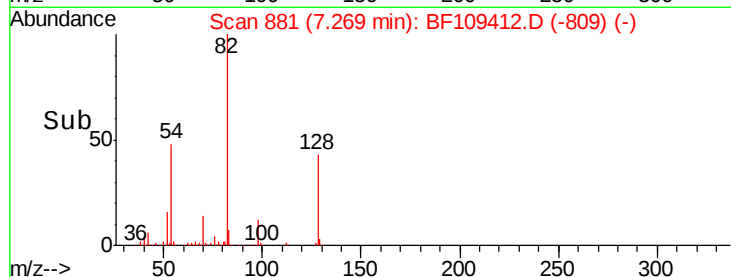
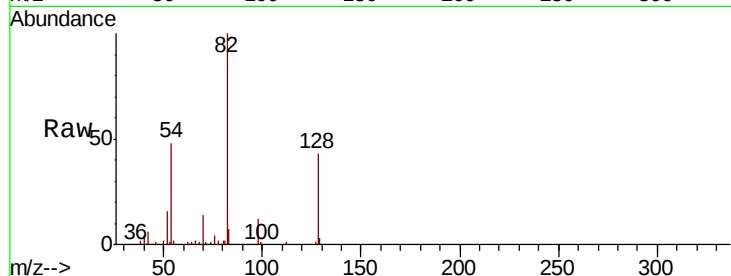




#19
n-Nitroso-di-n-propylamine
Concen: 17.041 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

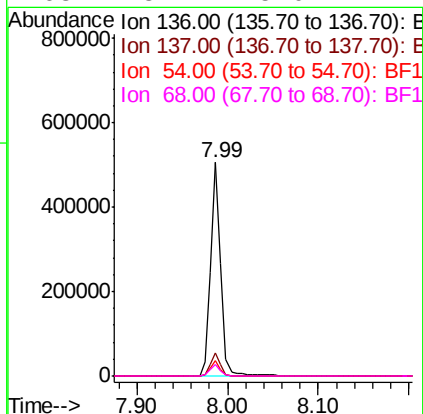
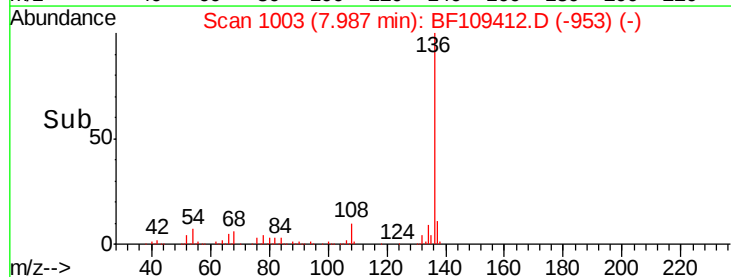
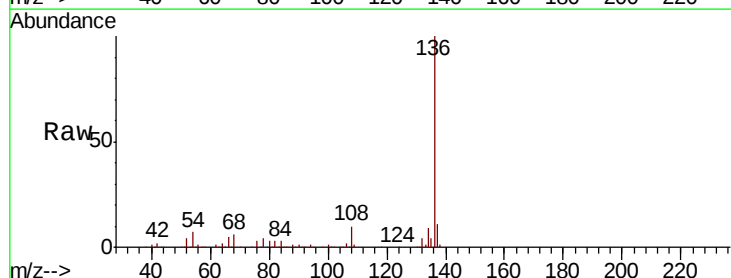
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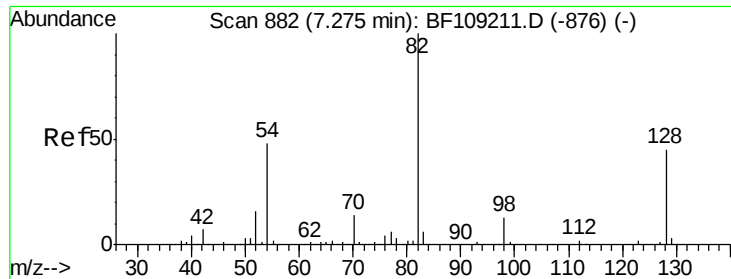
Tgt Ion:	70	Resp:	94019
Ion	Ratio	Lower	Upper
70	100		
42	46.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

Tgt Ion:	136	Resp:	403225
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4

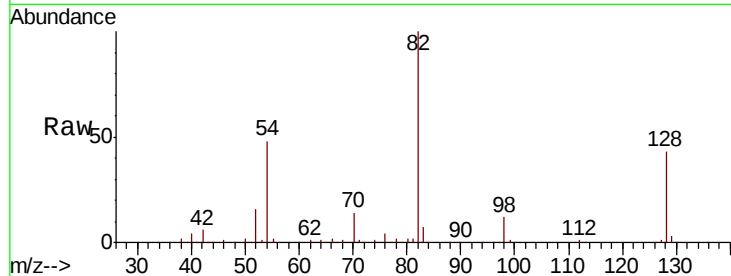




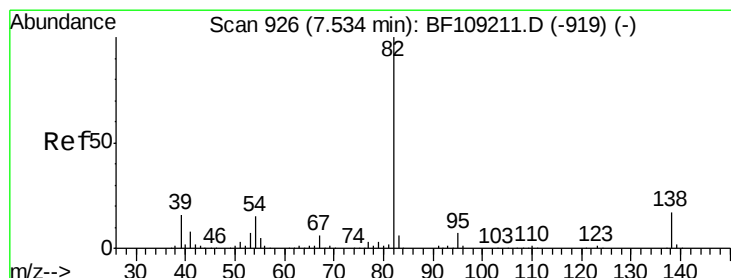
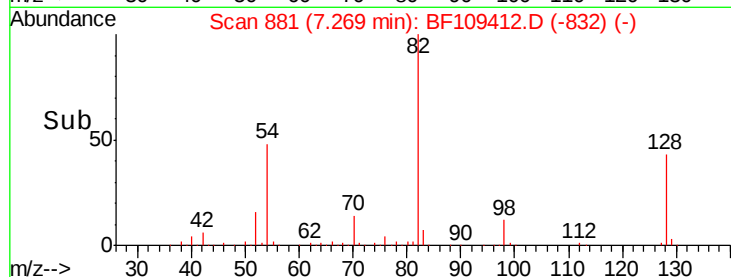
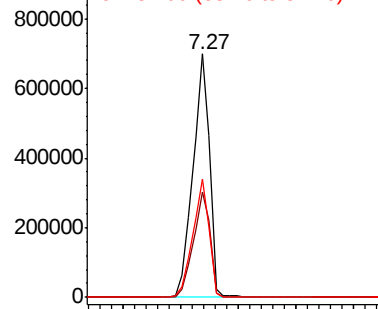
#23
 Nitrobenzene-d5
 Concen: 101.889 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-U-M

Tgt Ion: 82 Resp: 695970
 Ion Ratio Lower Upper
 82 100
 128 43.0 36.1 54.1
 54 48.4 41.4 62.2

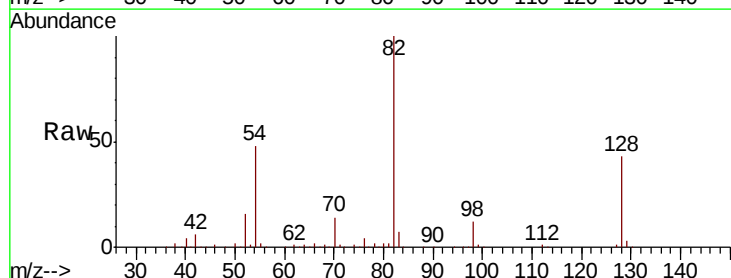


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

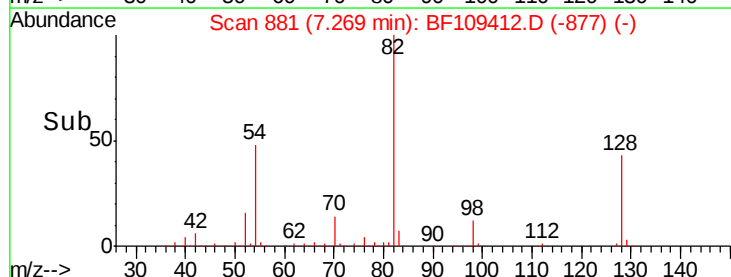
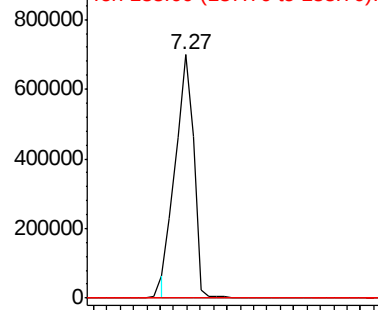


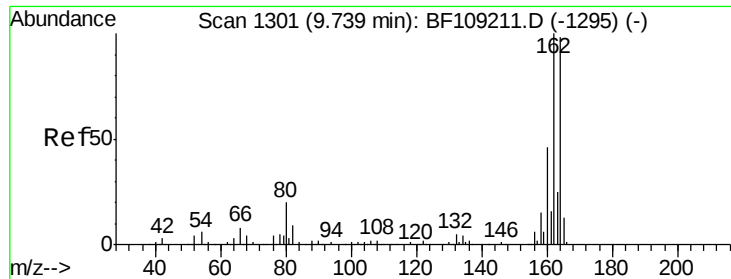
#25
 Isophorone
 Concen: 54.174 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Tgt Ion: 82 Resp: 666358
 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

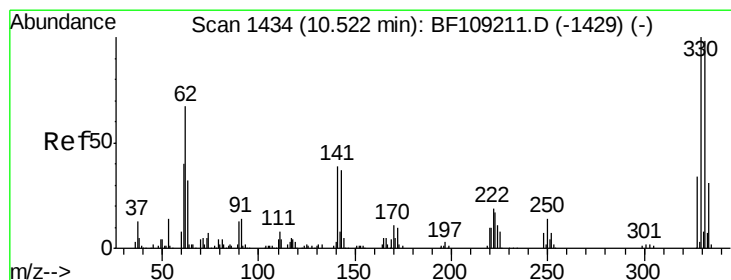
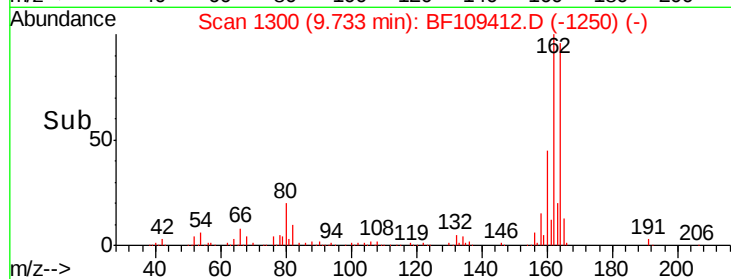
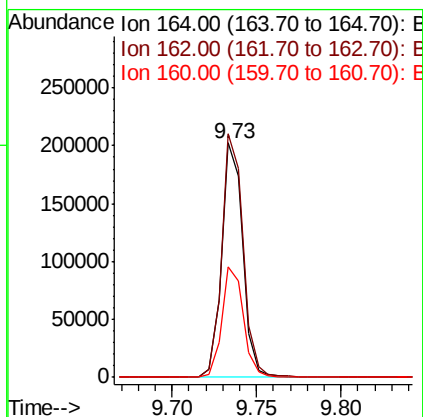
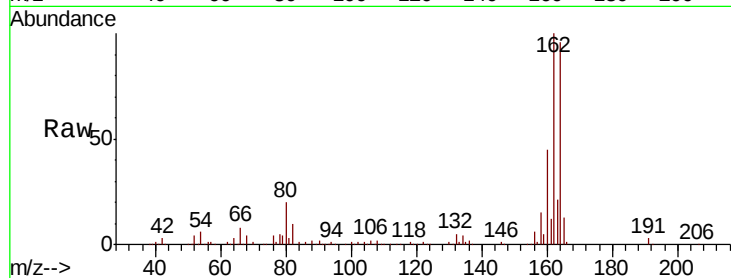




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

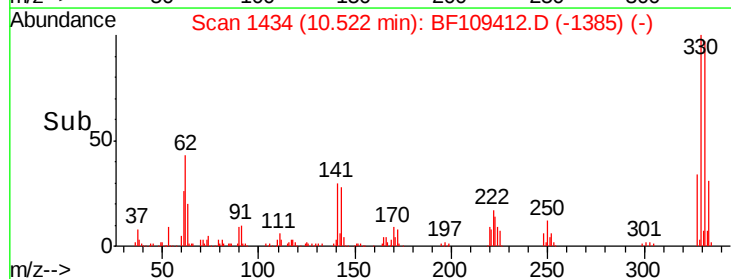
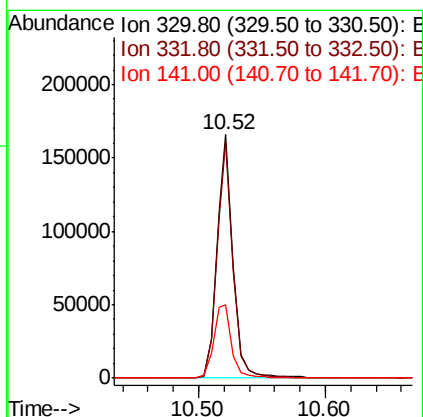
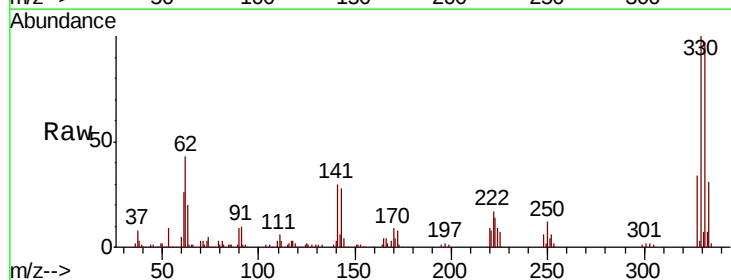
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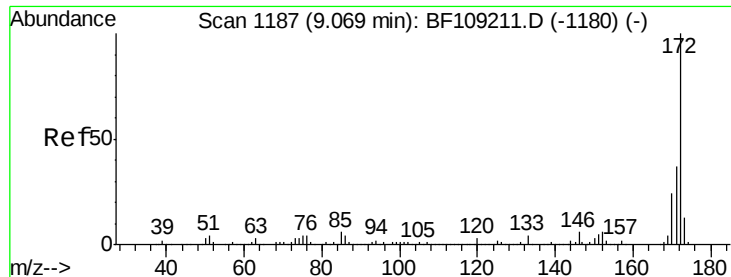
Tgt Ion:164 Resp: 176211
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 47.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 84.824 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Tgt Ion:330 Resp: 147346
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 33.6 29.9 44.9

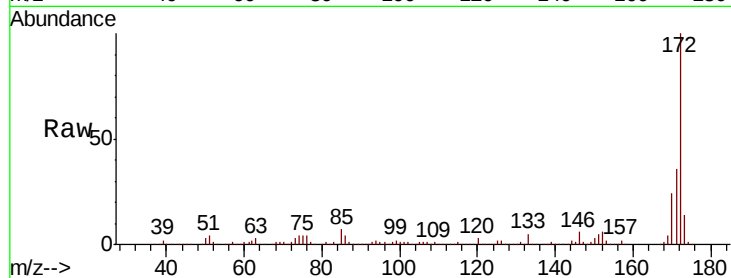




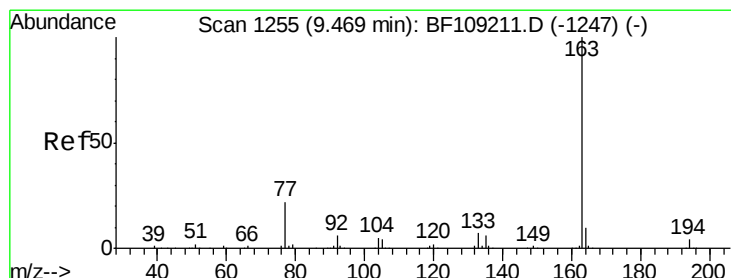
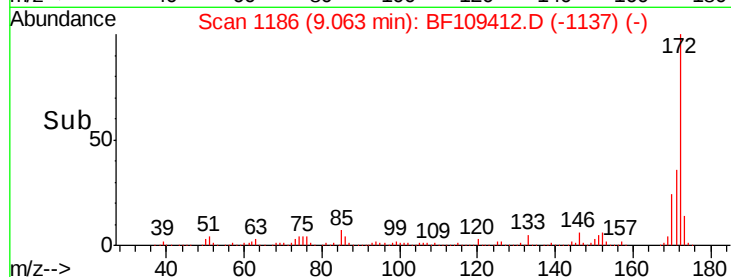
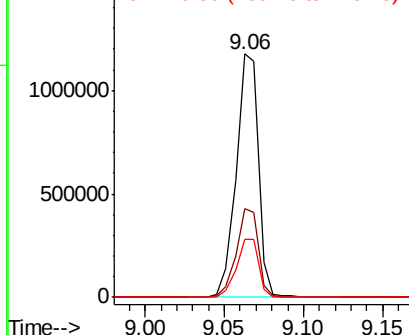
#44
2-Fluorobiphenyl
Concen: 98.093 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:172 Resp: 1146078
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.1 19.6 29.4

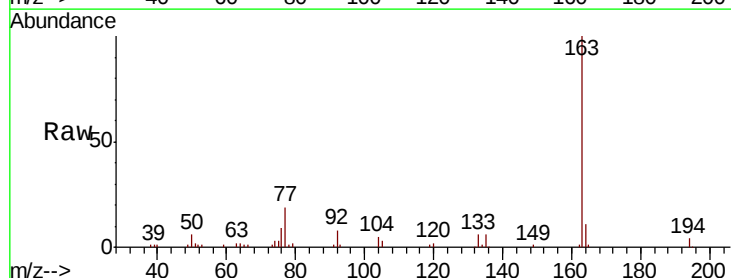


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

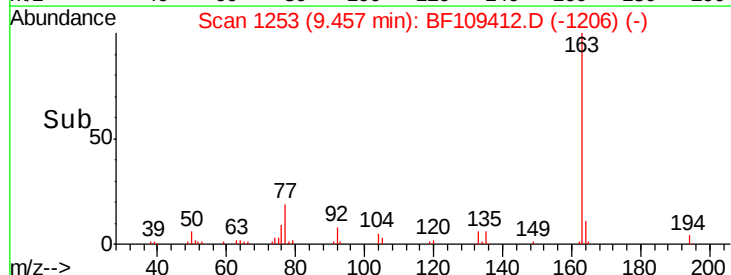
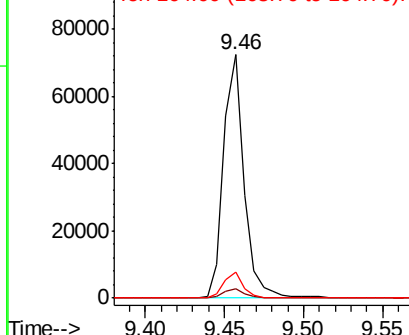


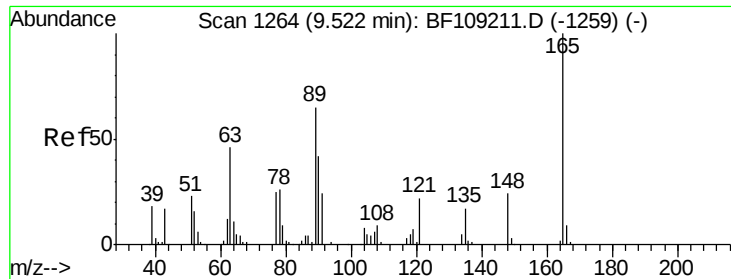
#49
Dimethylphthalate
Concen: 5.071 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

Tgt Ion:163 Resp: 64987
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 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

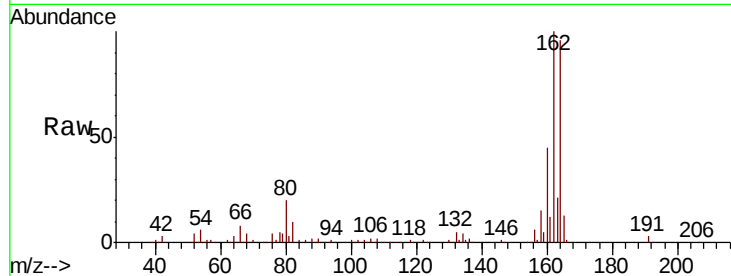




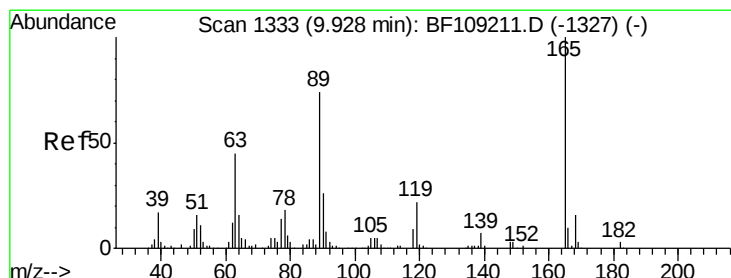
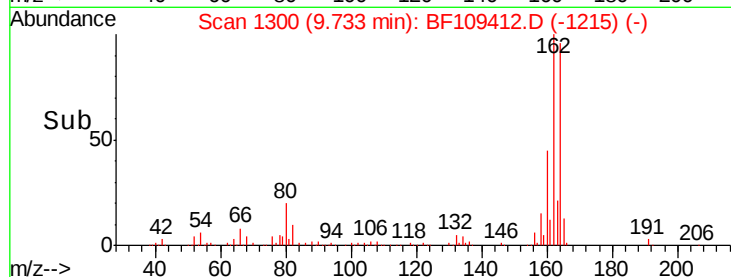
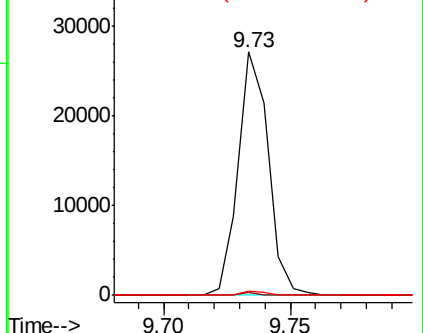
#50
 2,6-Dinitrotoluene
 Concen: 8.819 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	44.0	66.0#

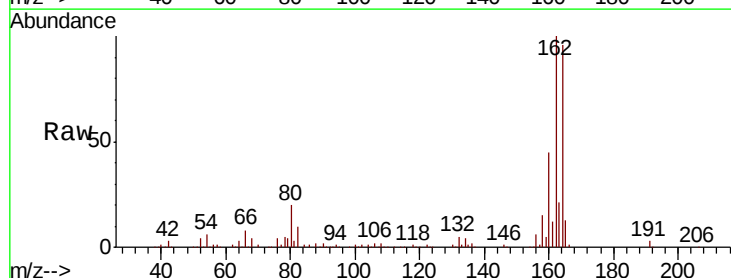


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

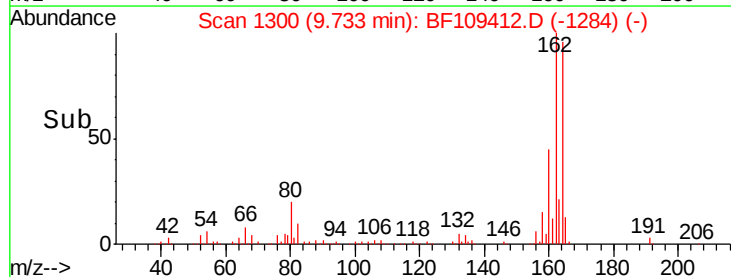
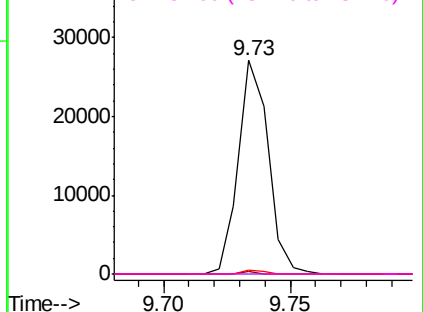


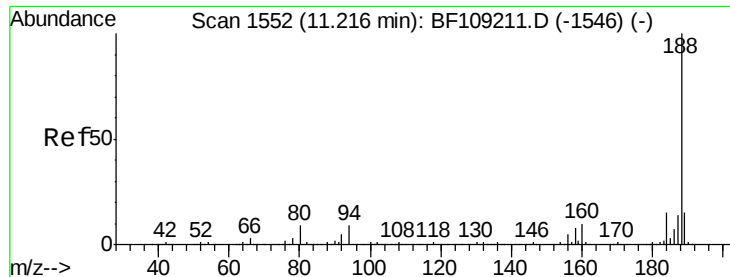
#56
 2,4-Dinitrotoluene
 Concen: 6.970 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	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

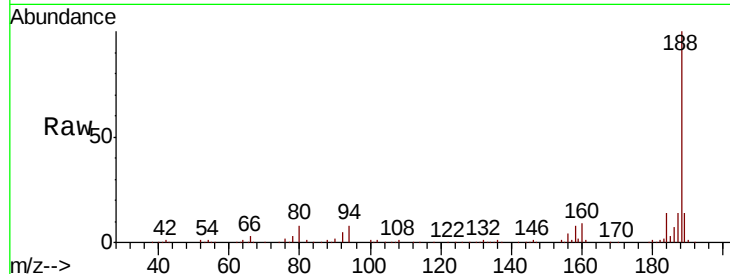




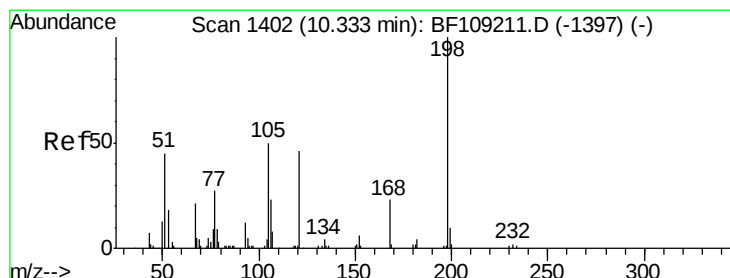
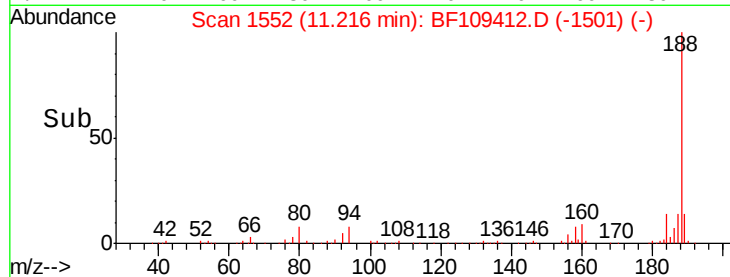
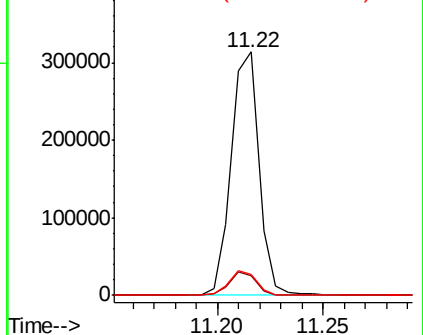
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-U-M

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	285134		
94	8.2		8.5	12.7#
80	8.5		9.2	13.8#

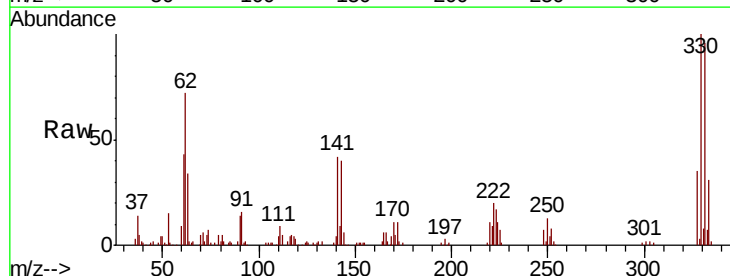


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

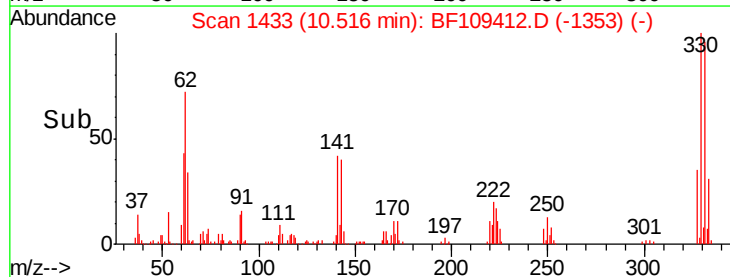
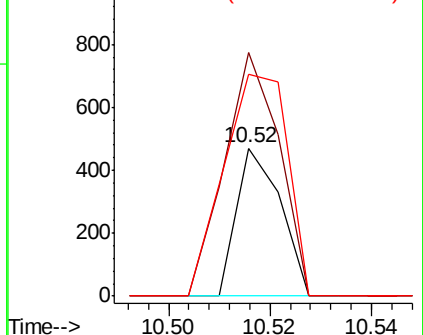


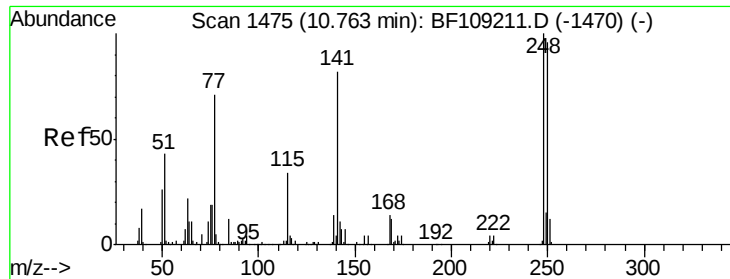
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.734 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	283		
51	164.3		37.7	77.7#
105	149.7		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

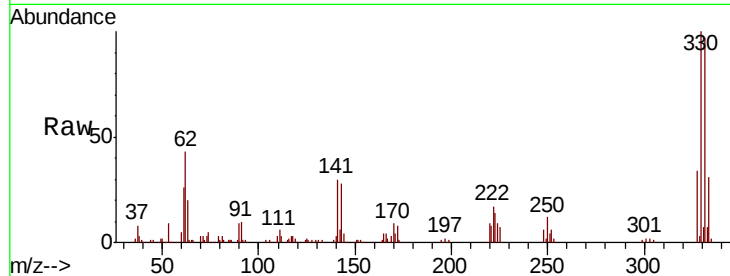




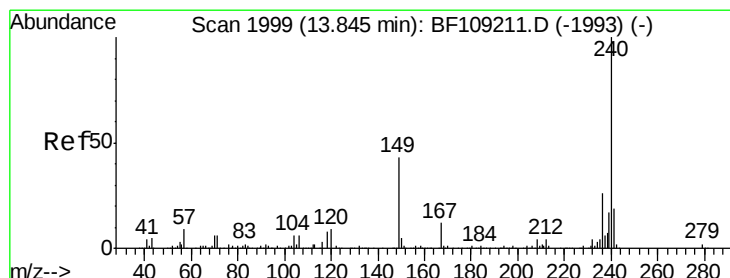
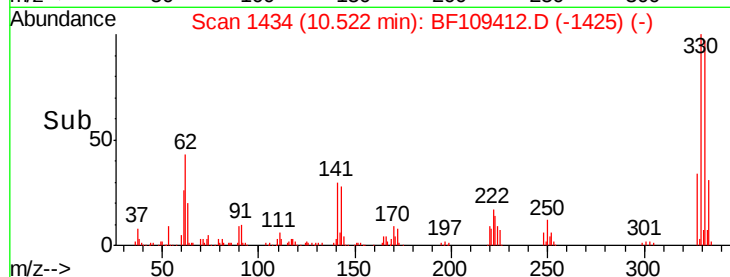
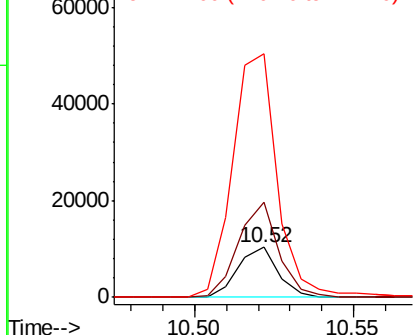
#66
4-Bromophenyl-phenylether
Concen: 2.849 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-U-M

Tgt Ion:248 Resp: 9020
Ion Ratio Lower Upper
248 100
250 190.4 76.9 115.3#
141 485.8 74.4 111.6#

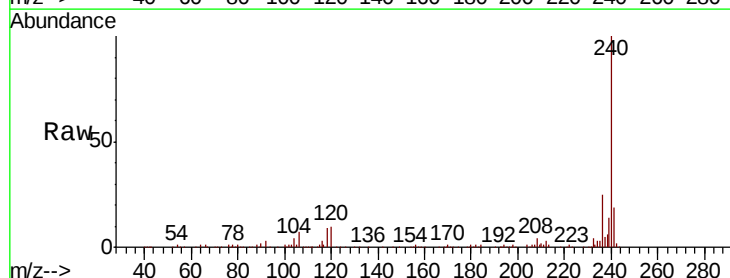


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

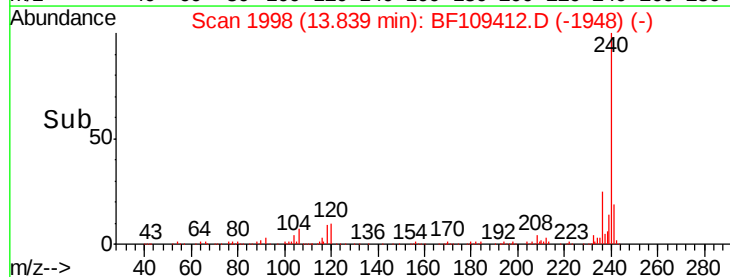
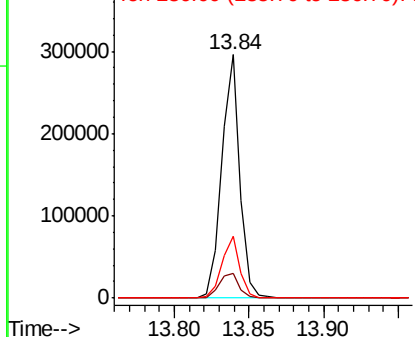


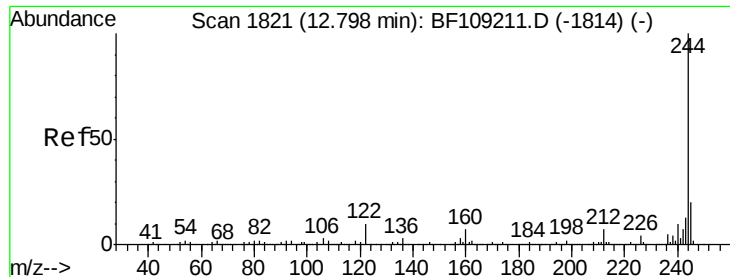
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

Tgt Ion:240 Resp: 252751
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 25.4 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: 93.983 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109412.D

Acq: 28 Sep 2018 3:57

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-U-M

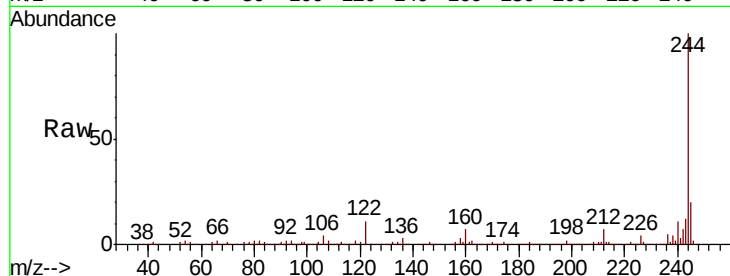
Tgt Ion:244 Resp: 967920

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

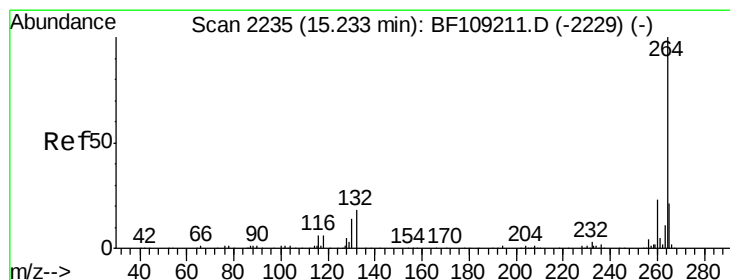
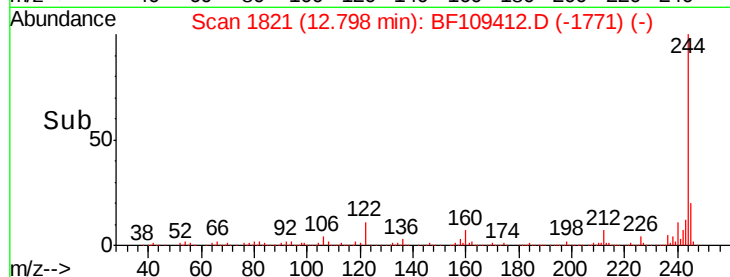
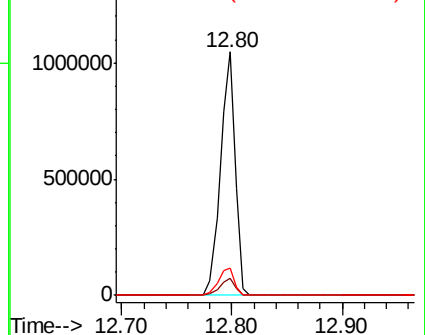
122 11.4 11.0 16.4



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: BF109412.D

Acq: 28 Sep 2018 3:57

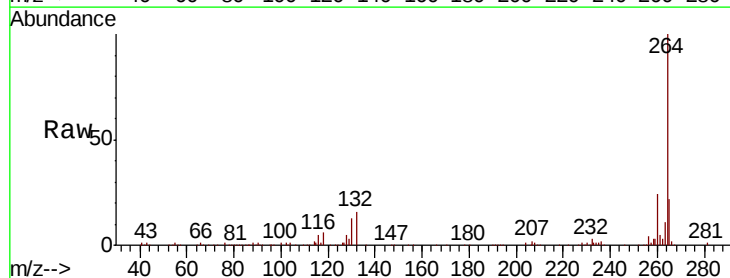
Tgt Ion:264 Resp: 189486

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.8 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

