

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109529.D
 Acq On : 3 Oct 2018 4:30
 Operator : JU/SJ
 Sample : J5187-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-D-M

Quant Time: Oct 03 05:04:16 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

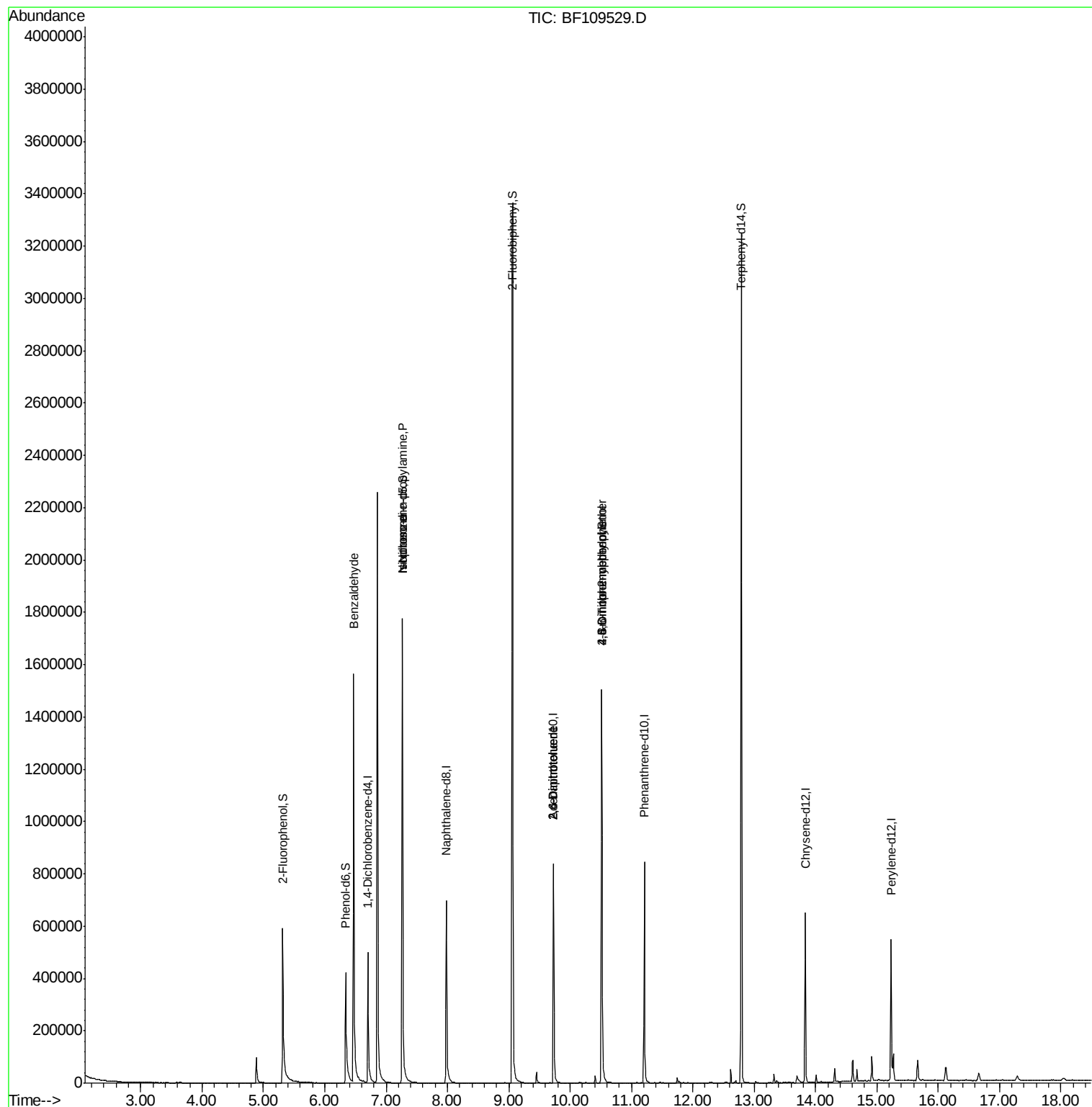
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102724	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	390545	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	188253	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	355582	20.00	ng	0.00
75) Chrysene-d12	13.83	240	239255	20.00	ng	-0.01
86) Perylene-d12	15.23	264	247995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	268234	43.01	ng	0.00
7) Phenol-d6	6.34	99	221688	27.86	ng	-0.02
23) Nitrobenzene-d5	7.27	82	724184	109.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	199893	107.71	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1283310	102.81	ng	-0.01
78) Terphenyl-d14	12.79	244	1158442	118.83	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	12136	2.374	ng	# 66
19) n-Nitroso-di-n-propylamine	7.27	70	95914	18.393	ng	# 77
25) Isophorone	7.27	82	711497	59.722	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	24034	8.863	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	24034	7.005	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	194	6.637	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11975	3.033	ng	# 1

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

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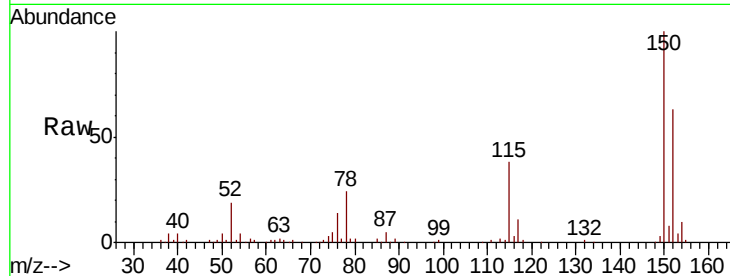


#1

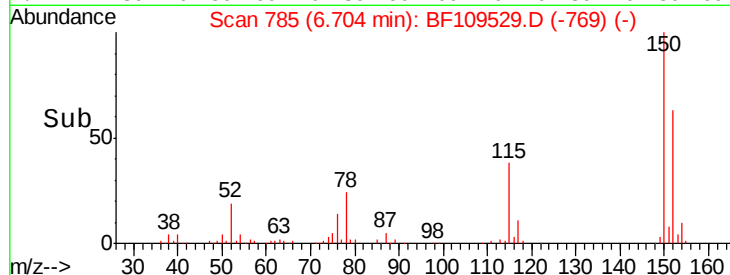
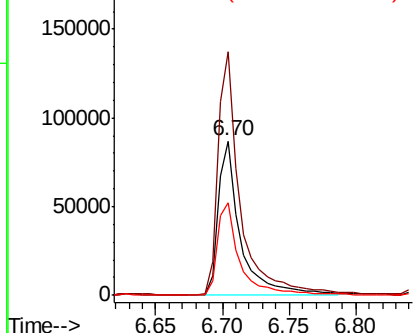
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion:152 Resp: 102724
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 59.6 50.1 75.1



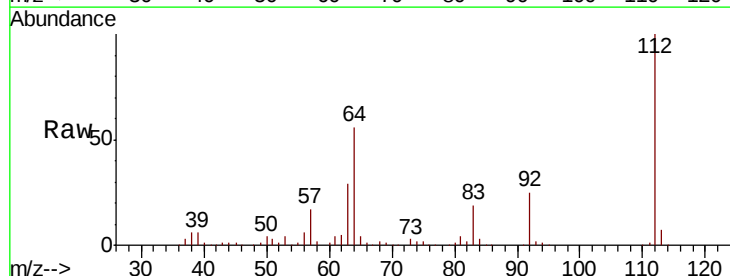
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



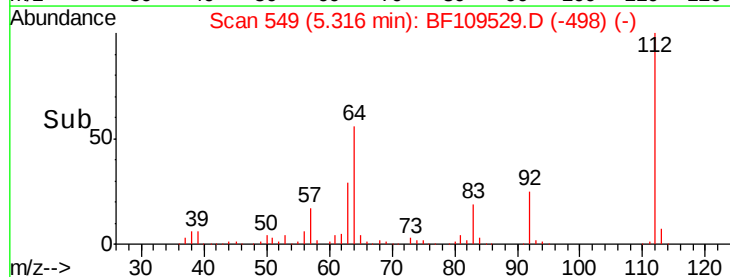
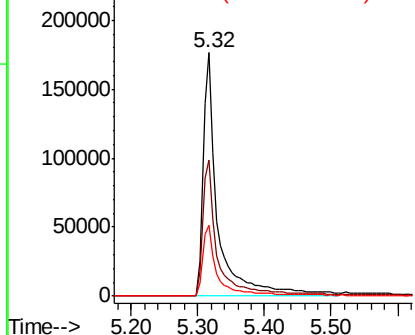
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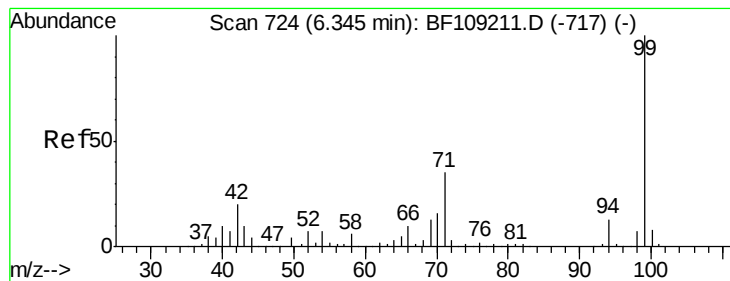
2-Fluorophenol
Concen: 43.009 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion:112 Resp: 268234
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 29.2 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: 27.856 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109529.D

Acq: 3 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

092818-SIDI-F-D-M

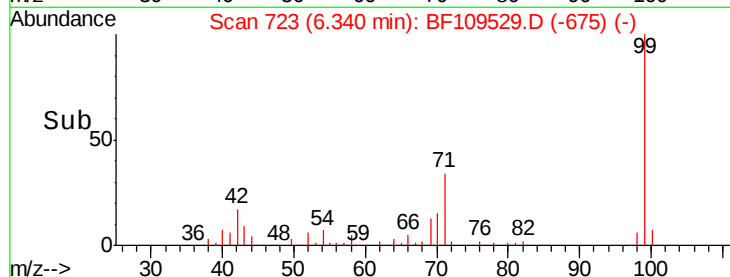
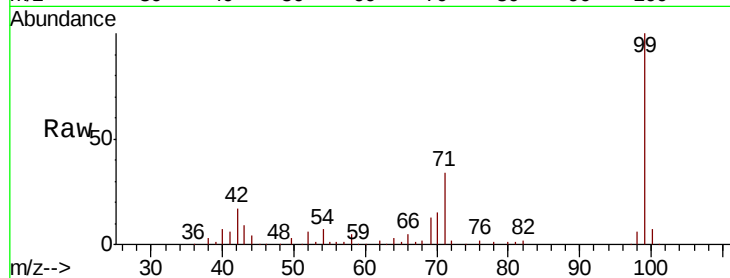
Tgt Ion: 99 Resp: 221688

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

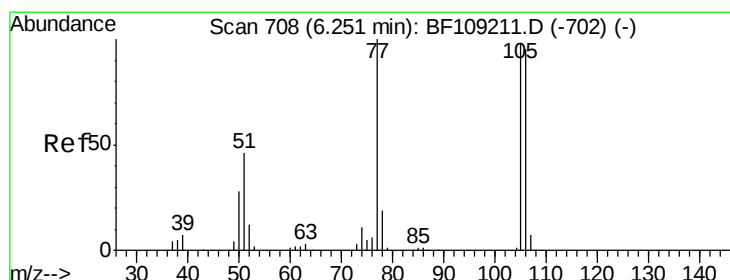
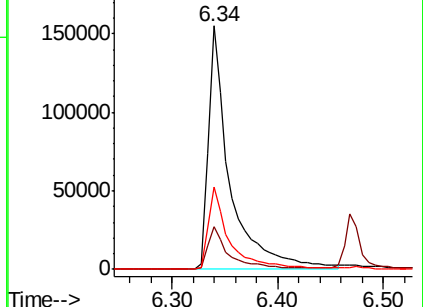
71 33.8 25.4 38.0



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: 2.374 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF109529.D

Acq: 3 Oct 2018 4:30

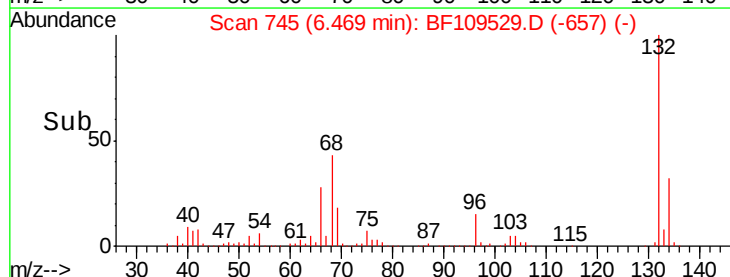
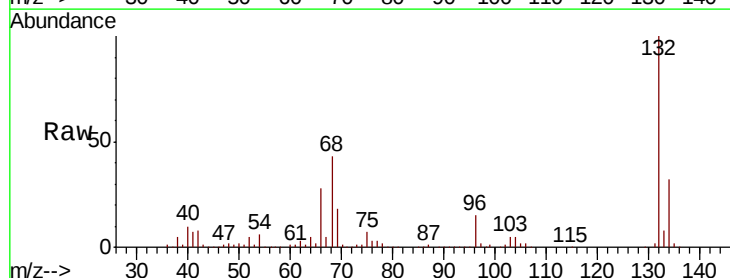
Tgt Ion: 77 Resp: 12136

Ion Ratio Lower Upper

77 100

105 68.9 81.1 121.1#

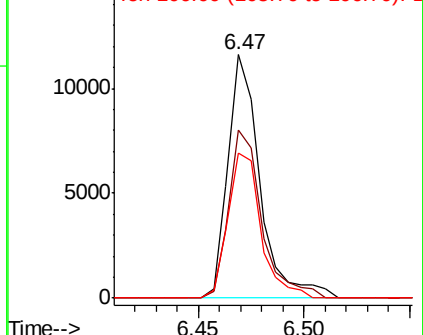
106 59.4 74.5 114.5#

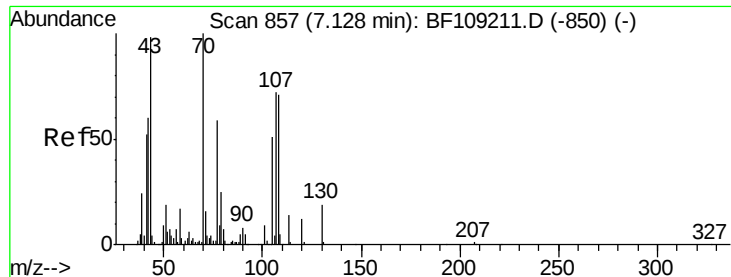


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

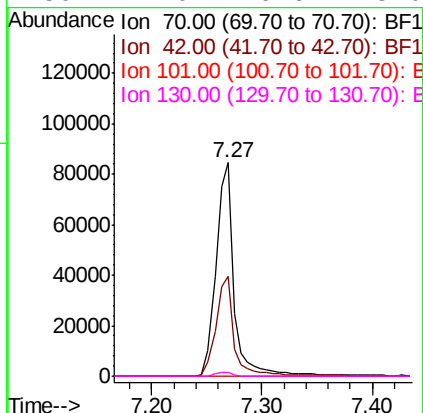
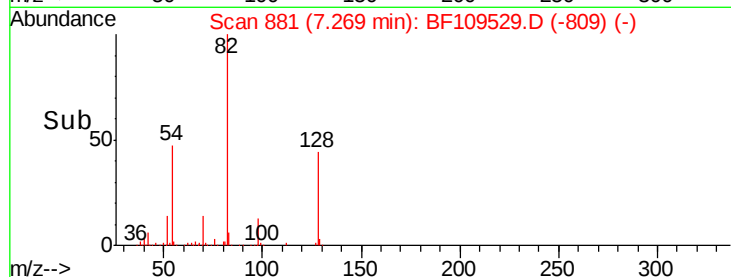
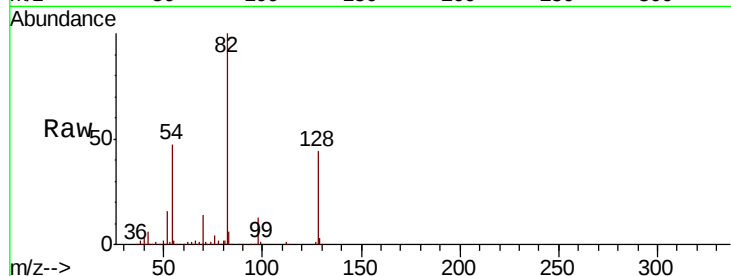




#19
n-Nitroso-di-n-propylamine
Concen: 18.393 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

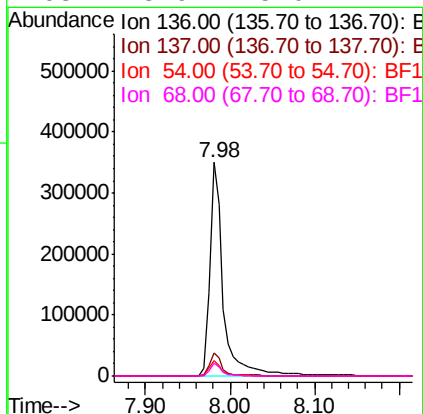
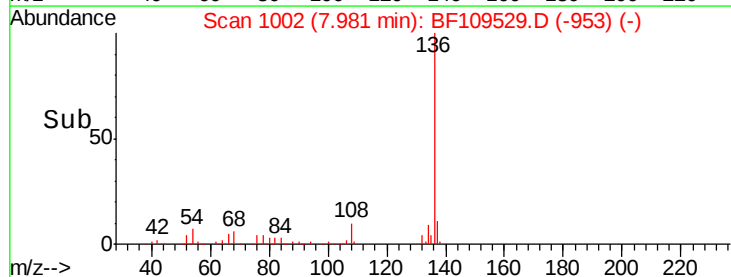
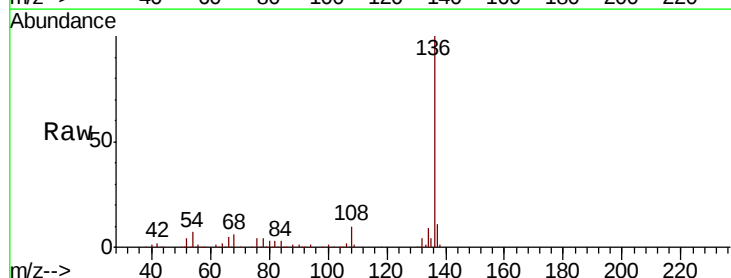
Instrument :
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092818-SIDI-F-D-M

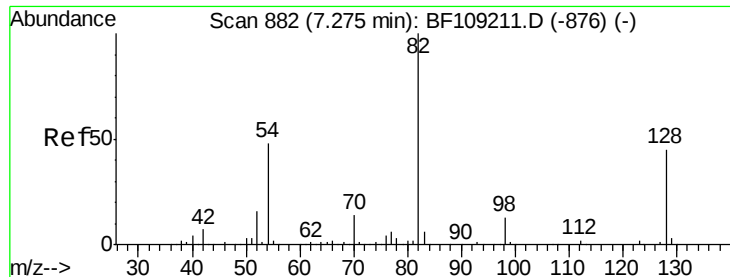
Tgt Ion: 70 Resp: 95914
Ion Ratio Lower Upper
70 100
42 46.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion: 136 Resp: 390545
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.2 6.6 9.8
68 5.9 5.0 7.4

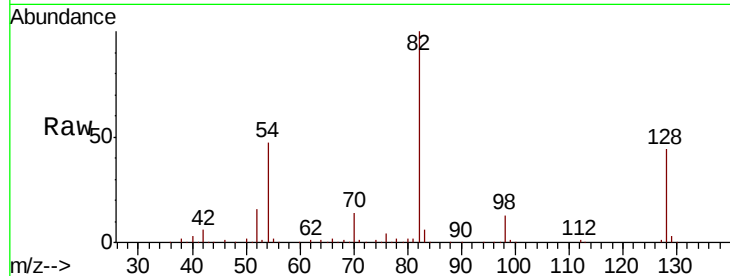




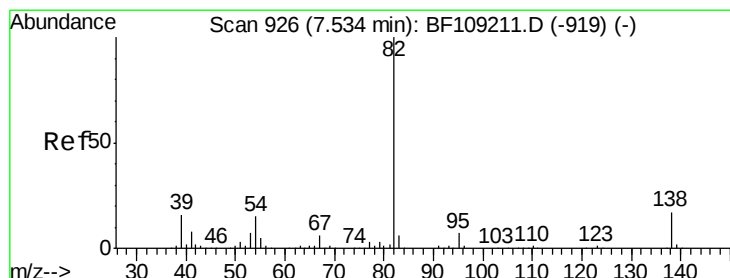
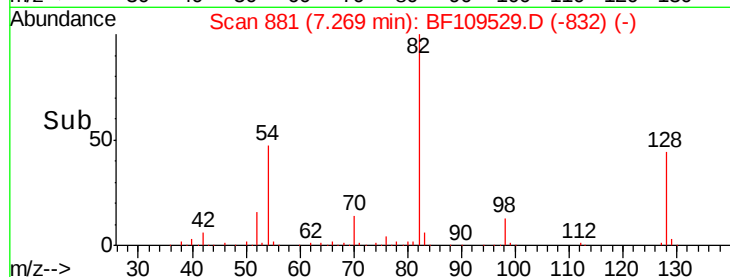
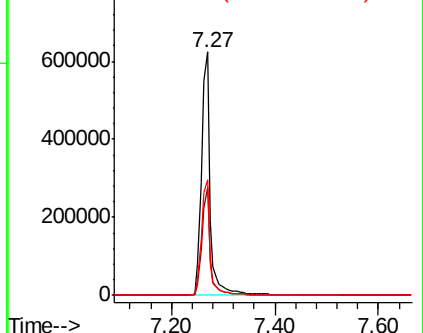
#23
Nitrobenzene-d5
Concen: 109.462 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion: 82 Resp: 724184
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 47.3 41.4 62.2

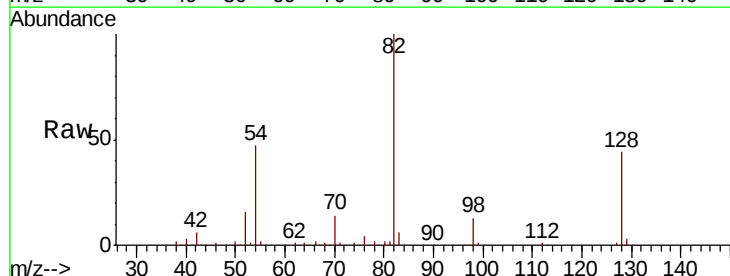


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

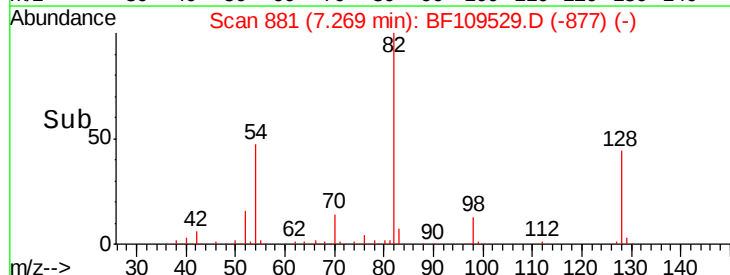
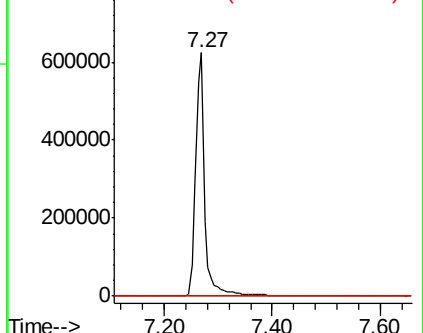


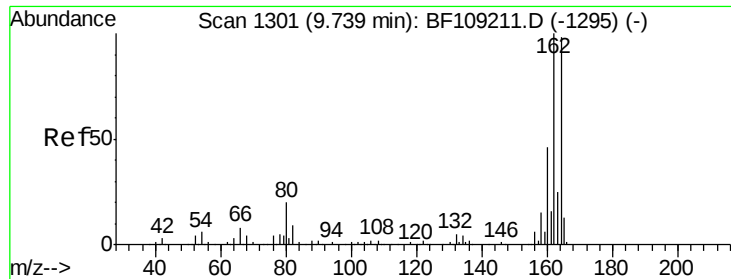
#25
Isophorone
Concen: 59.722 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion: 82 Resp: 711497
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

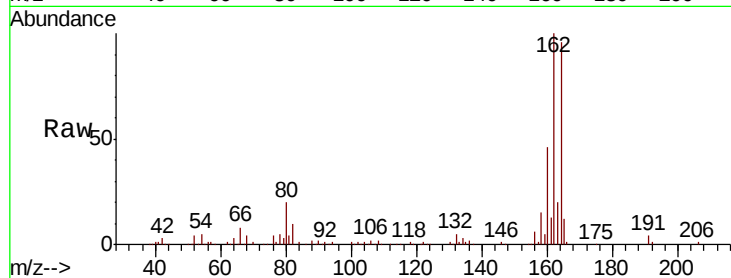




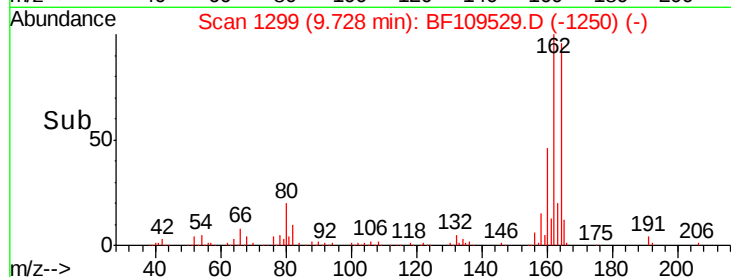
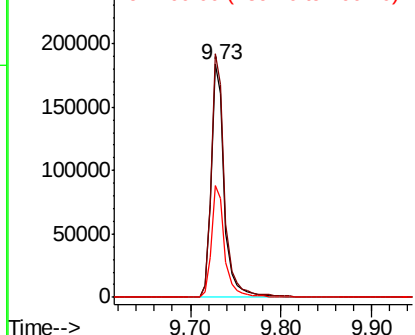
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Instrument :
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 ClientSampleId :
 092818-SIDI-F-D-M

Tgt Ion:164 Resp: 188253
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 47.8 38.3 57.5

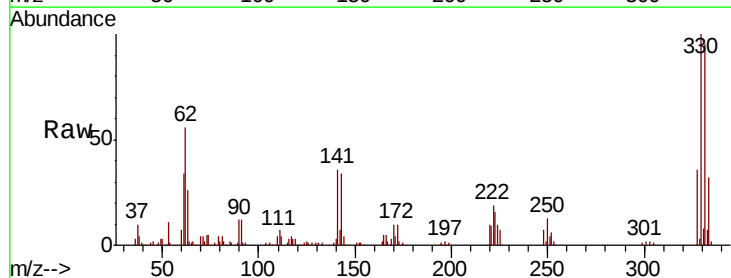


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

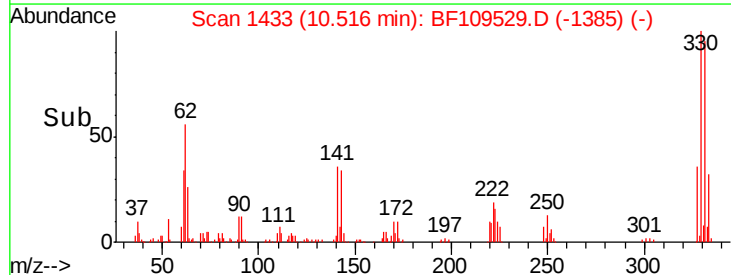
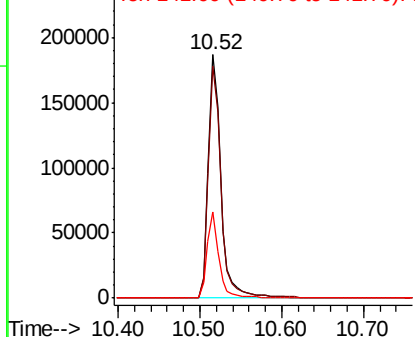


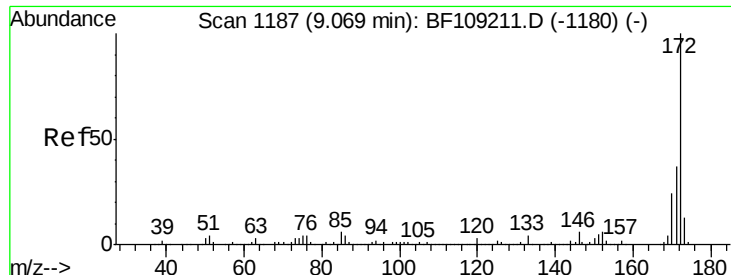
#41
 2,4,6-Tribromophenol
 Concen: 107.714 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Tgt Ion:330 Resp: 199893
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.6 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

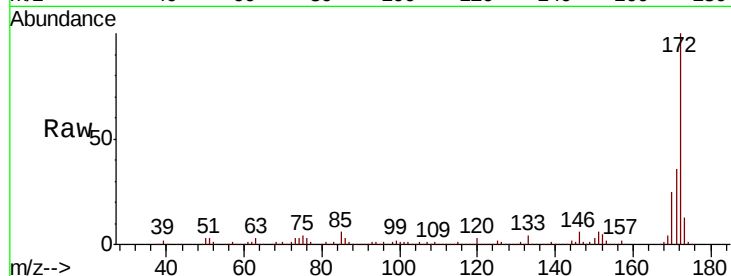




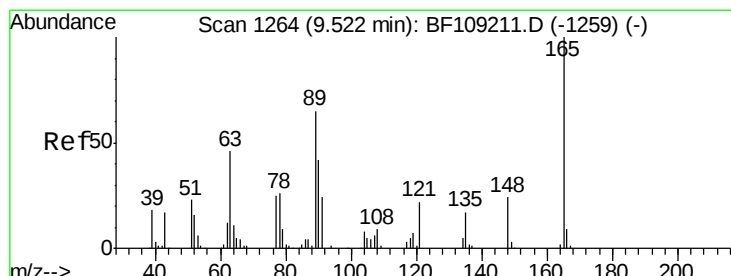
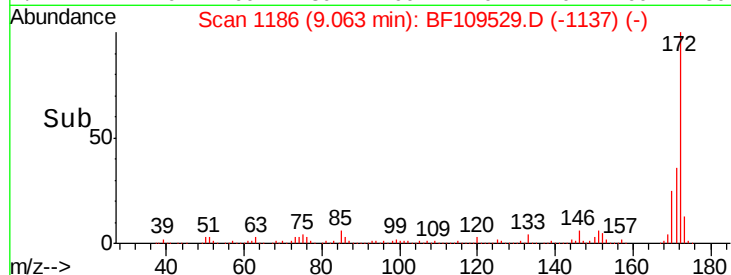
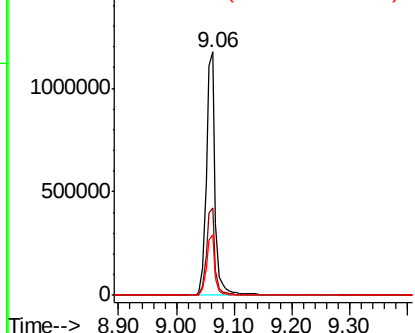
#44
 2-Fluorobiphenyl
 Concen: 102.813 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Instrument :
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 ClientSampleId :
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Tgt Ion:172 Resp: 1283310
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.6 19.6 29.4

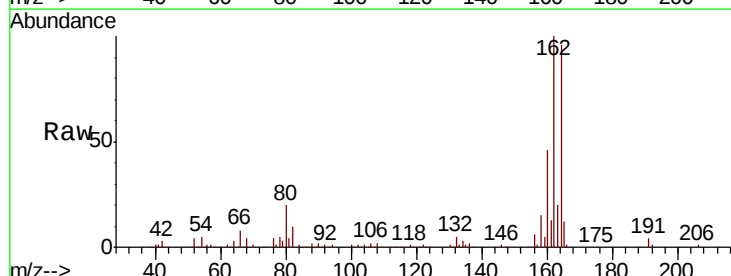


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

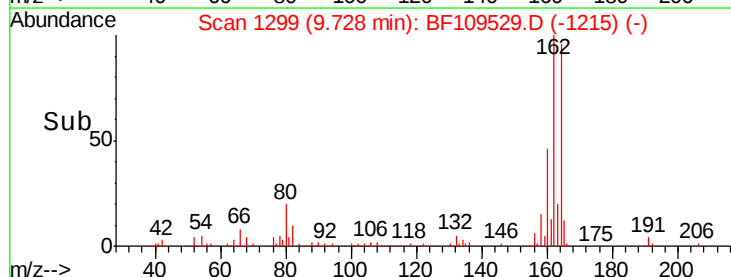
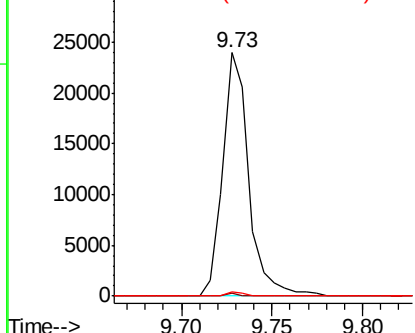


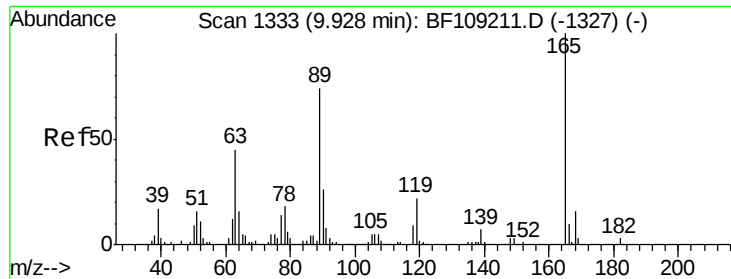
#50
 2,6-Dinitrotoluene
 Concen: 8.863 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Tgt Ion:165 Resp: 24034
 Ion Ratio Lower Upper
 165 100
 63 1.3 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

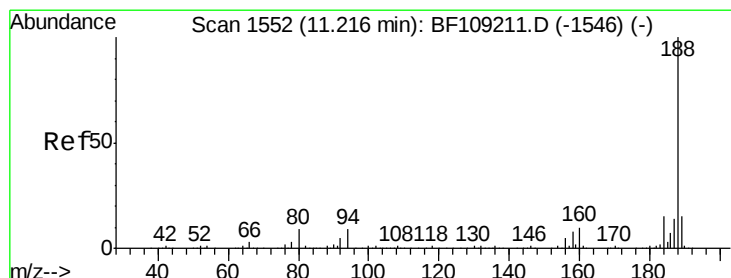
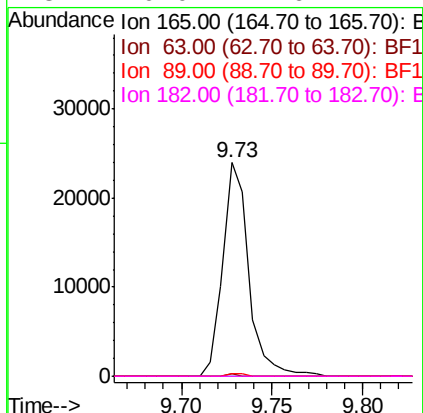
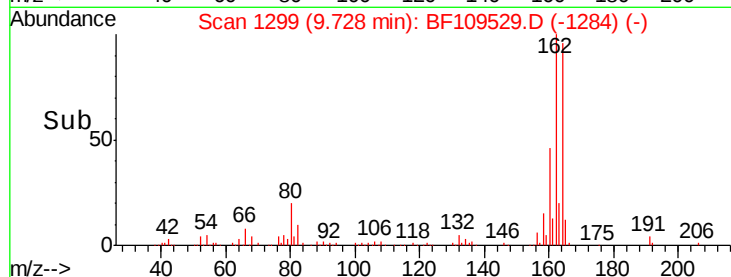
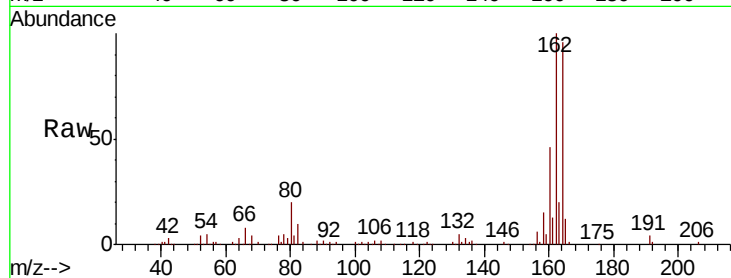




#56
 2,4-Dinitrotoluene
 Concen: 7.005 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

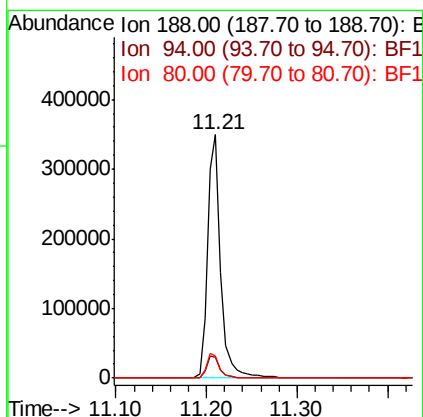
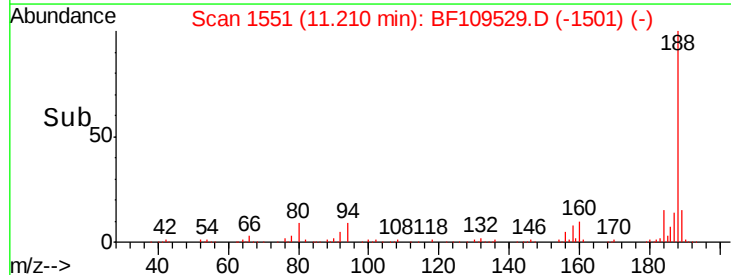
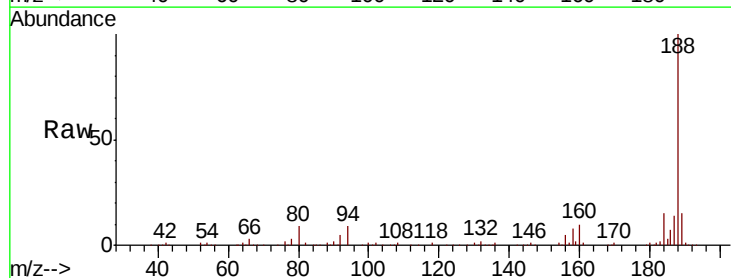
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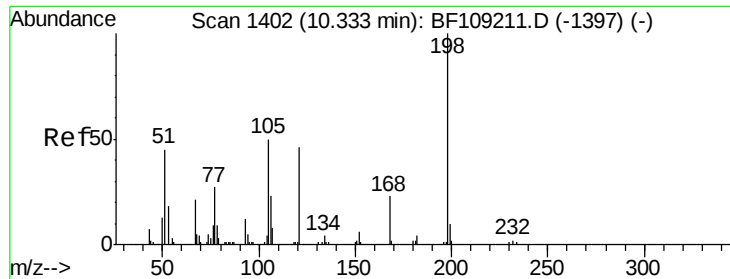
Tgt Ion:	165	Resp:	24034
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Tgt Ion:	188	Resp:	355582
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.0	9.2	13.8#

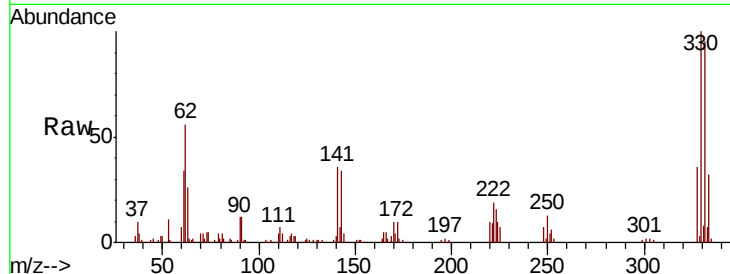




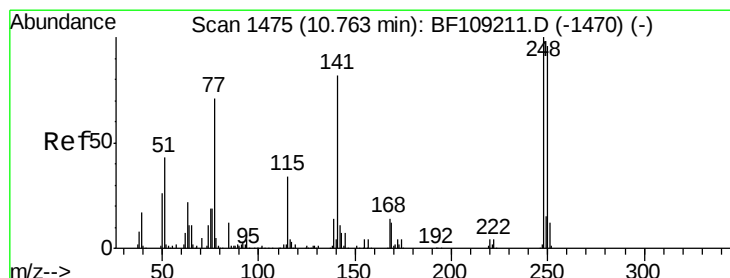
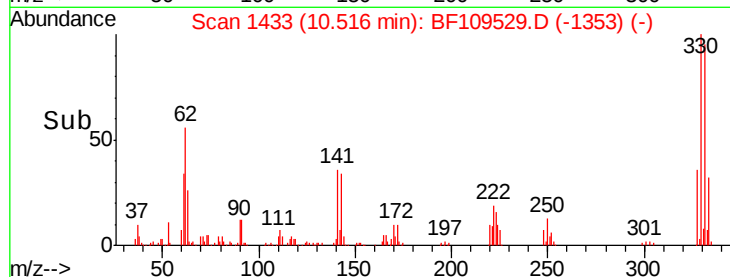
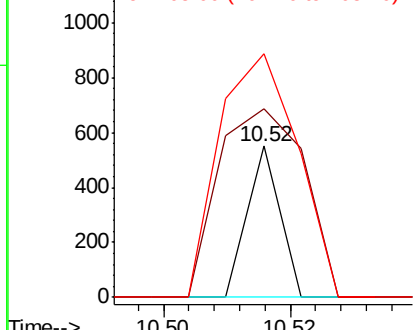
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.637 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-D-M

Tgt Ion:198 Resp: 194
 Ion Ratio Lower Upper
 198 100
 51 124.5 37.7 77.7#
 105 161.0 36.3 76.3#

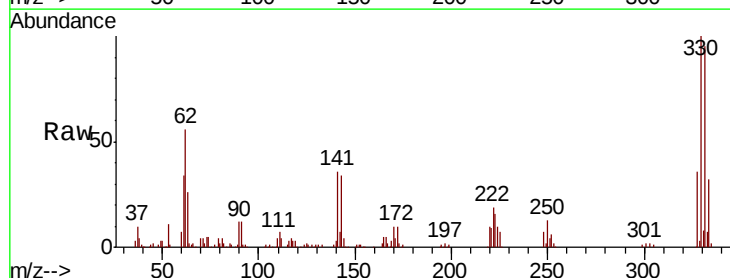


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

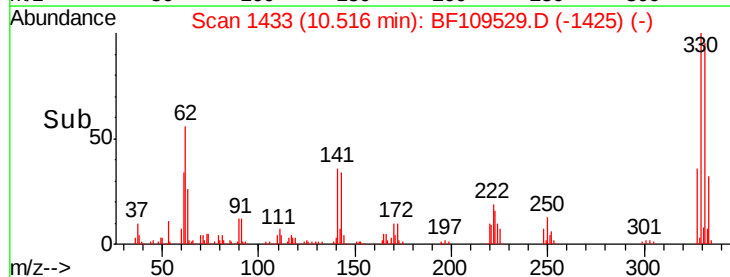
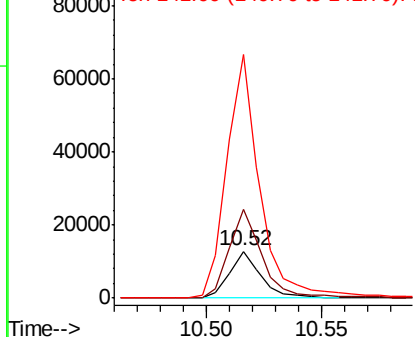


#66
 4-Bromophenyl-phenylether
 Concen: 3.033 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109529.D
 Acq: 3 Oct 2018 4:30

Tgt Ion:248 Resp: 11975
 Ion Ratio Lower Upper
 248 100
 250 189.4 76.9 115.3#
 141 517.2 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: BF109529.D

Acq: 3 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

092818-SIDI-F-D-M

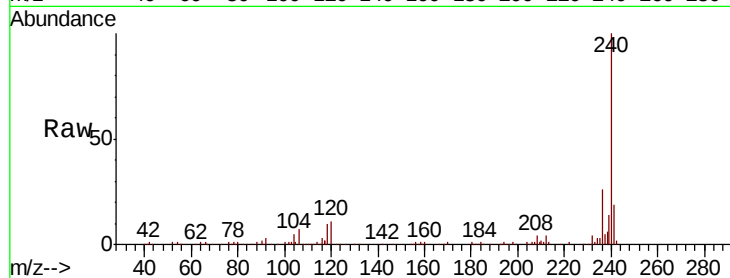
Tgt Ion:240 Resp: 239255

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

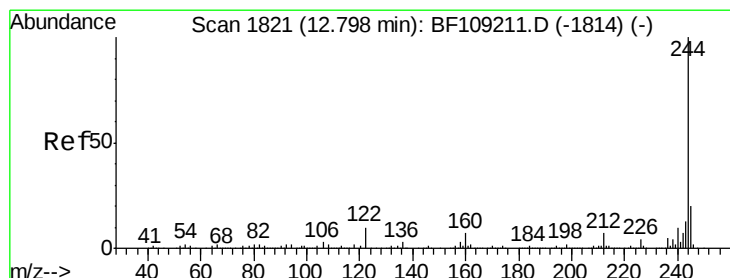
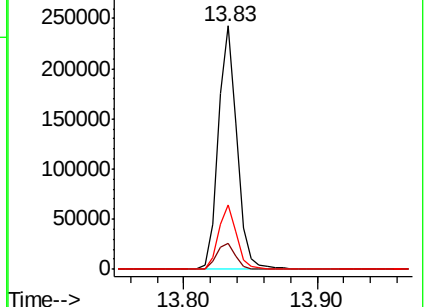
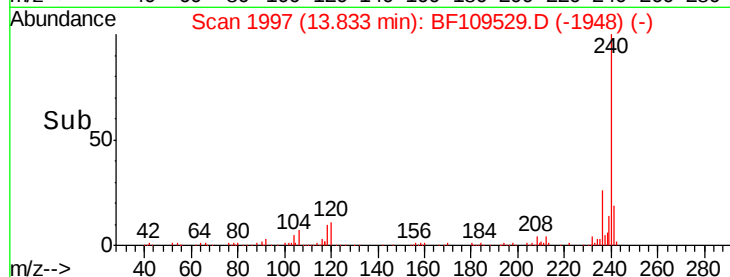
236 26.2 20.7 31.1



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: 118.827 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109529.D

Acq: 3 Oct 2018 4:30

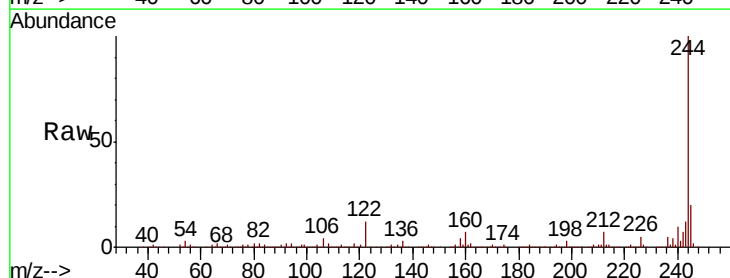
Tgt Ion:244 Resp: 1158442

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

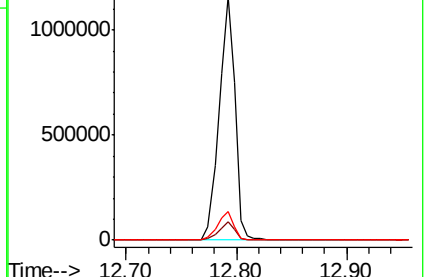
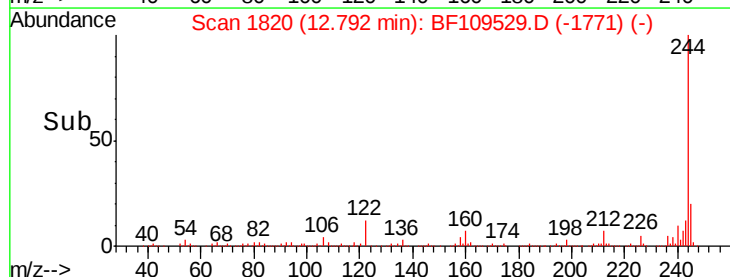
122 11.9 11.0 16.4

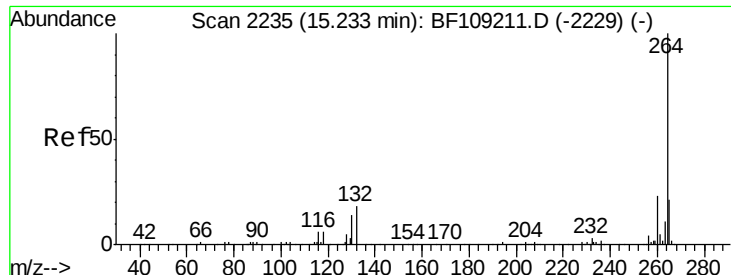


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

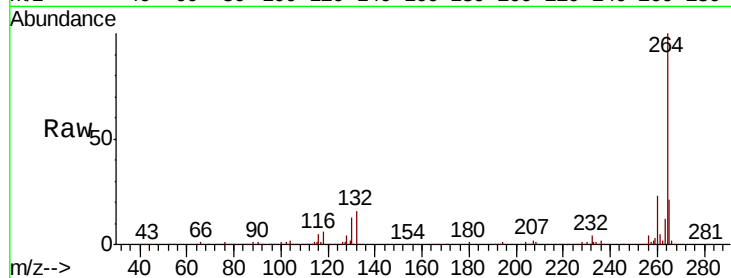




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	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

