

Data File : BF109365.D
Acq On : 27 Sep 2018 4:30
Operator : JU/SJ
Sample : J5051-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
092118-SIDI-F-D-B

Quant Time: Sep 27 05:43:49 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	97507	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	347472	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	149130	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	266771	20.00	ng	0.00
75) Chrysene-d12	13.84	240	279767	20.00	ng	0.00
86) Perylene-d12	15.24	264	243491	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	278888	47.11	ng	0.00
7) Phenol-d6	6.34	99	255017	33.76	ng	-0.02
23) Nitrobenzene-d5	7.27	82	624534	106.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	155252	105.61	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1004028	101.54	ng	-0.01
78) Terphenyl-d14	12.80	244	1056124	92.65	ng	0.00

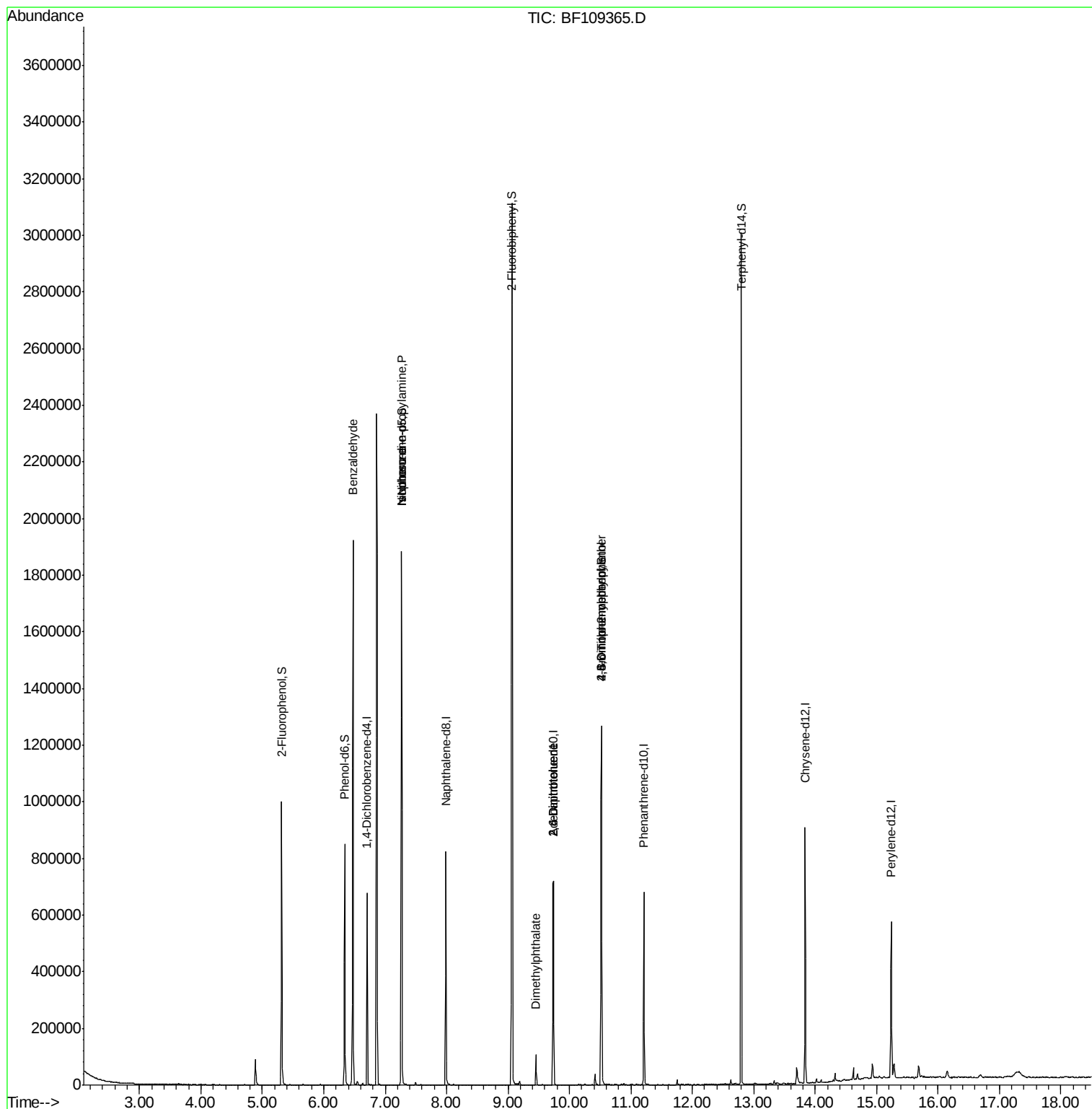
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	11195	2.307	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	82983	16.765	ng	# 80
25) Isophorone	7.27	82	599003	56.512	ng	# 64
49) Dimethylphthalate	9.46	163	44626	4.114	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	18608	8.662	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	18608	6.846	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	294	6.758	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9073	3.063	ng	# 1

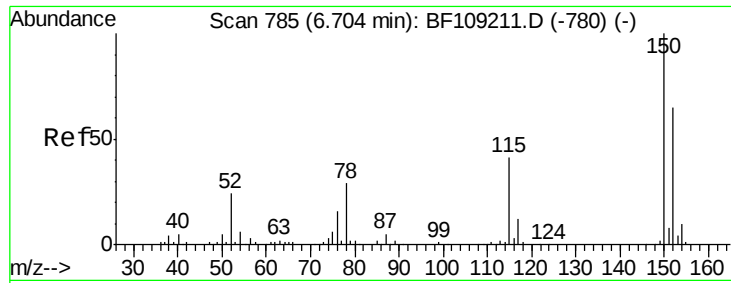
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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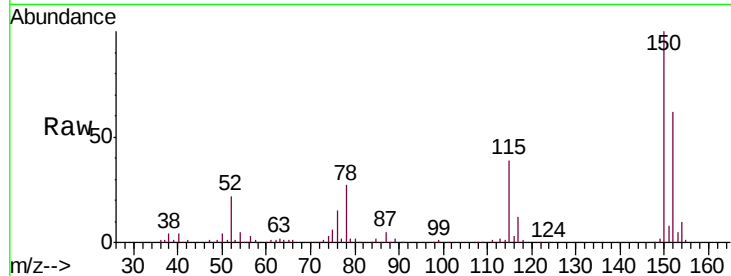




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-D-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	62.9	50.1	75.1

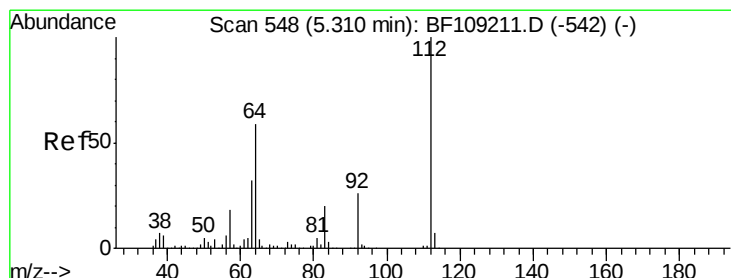
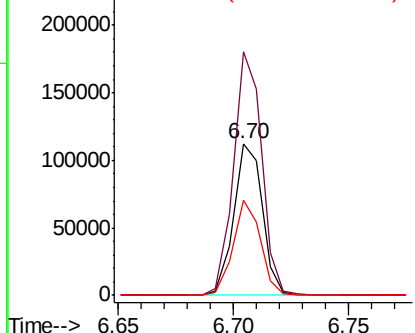
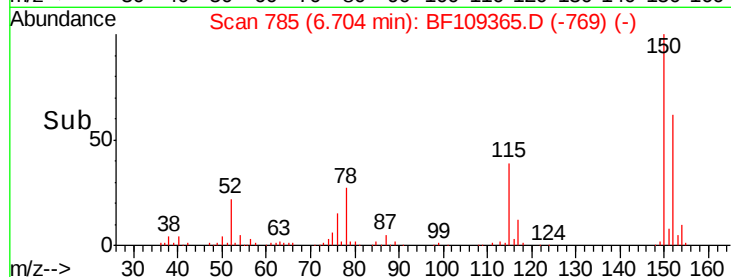


Abundance

Ion 152.00 (151.70 to 152.70): E

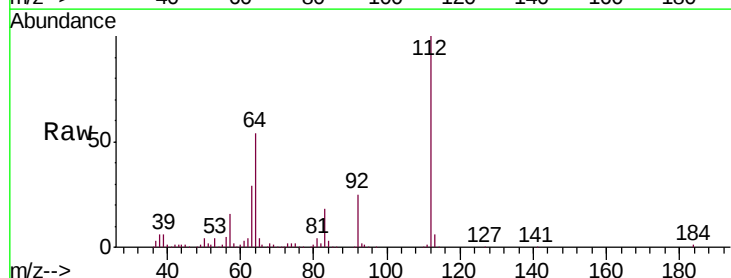
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 47.109 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	28.9	23.7	35.5

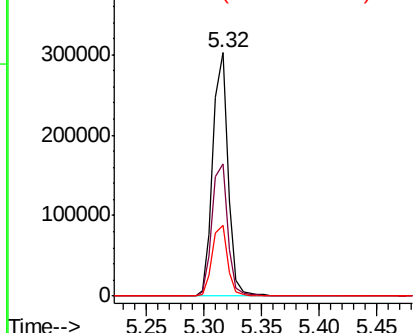
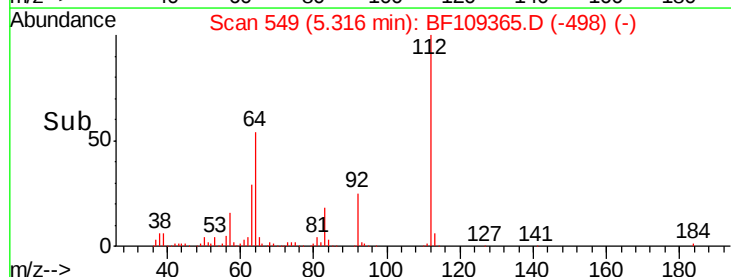


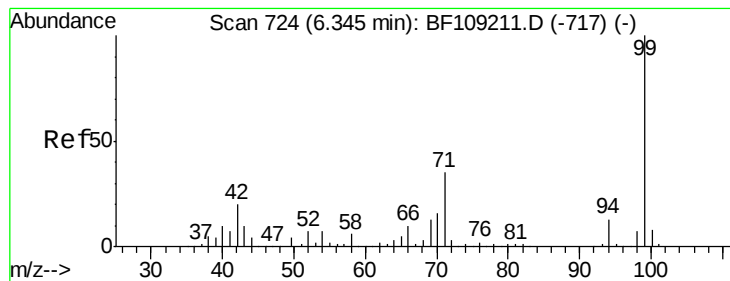
Abundance

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: 33.759 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

092118-SIDI-F-D-B

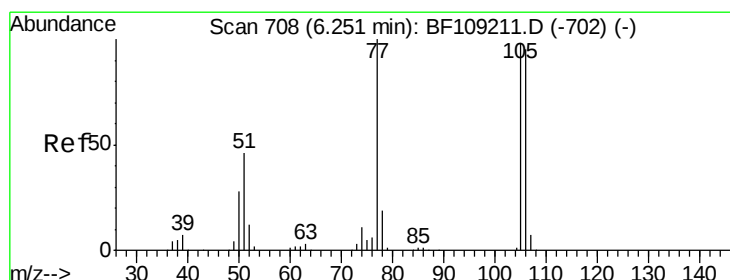
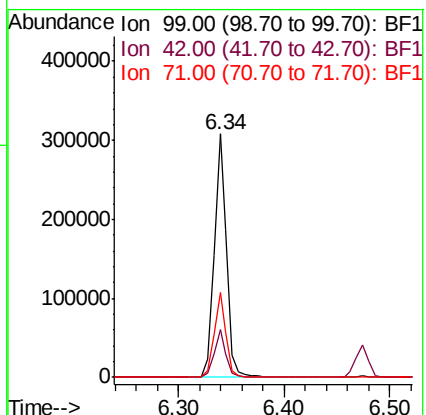
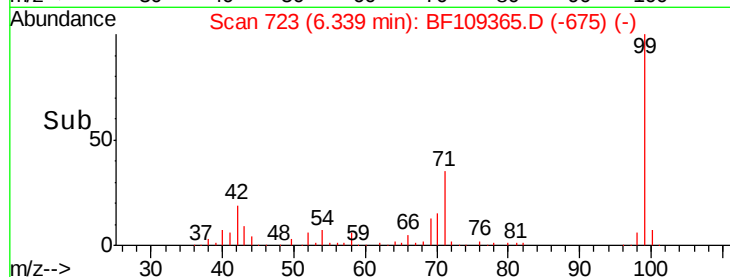
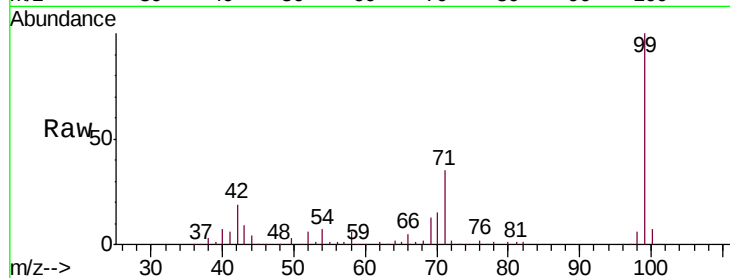
Tgt Ion: 99 Resp: 255017

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 35.1 25.4 38.0



#9

Benzaldehyde

Concen: 2.307 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109365.D

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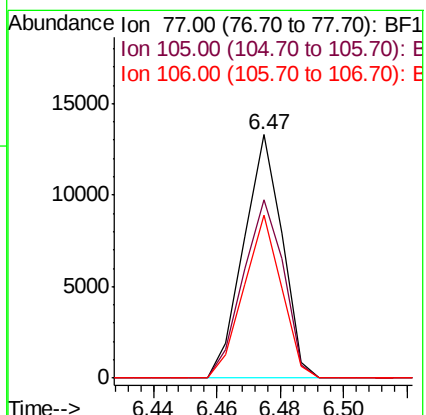
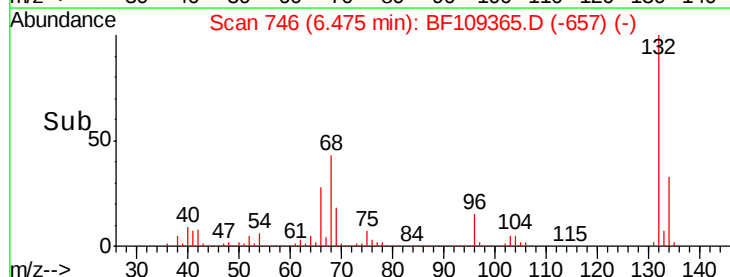
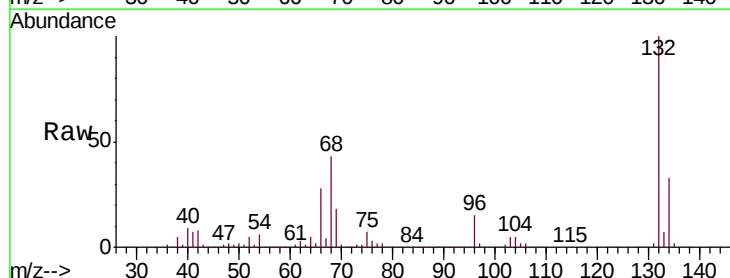
Tgt Ion: 77 Resp: 11195

Ion Ratio Lower Upper

77 100

105 73.3 81.1 121.1#

106 67.2 74.5 114.5#

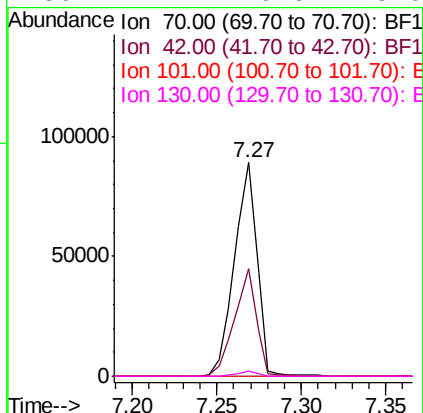
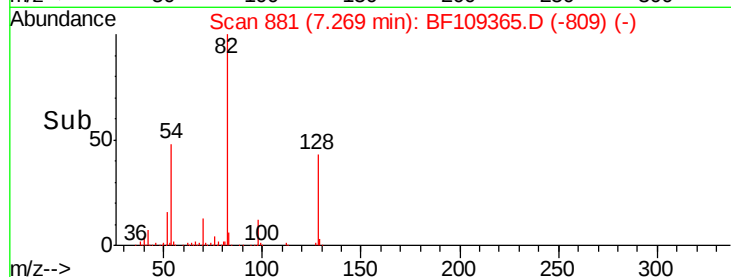
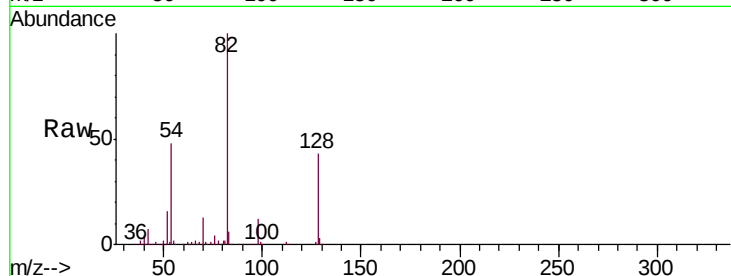




#19
n-Nitroso-di-n-propylamine
Concen: 16.765 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109365.D
Acq: 27 Sep 2018 4:30

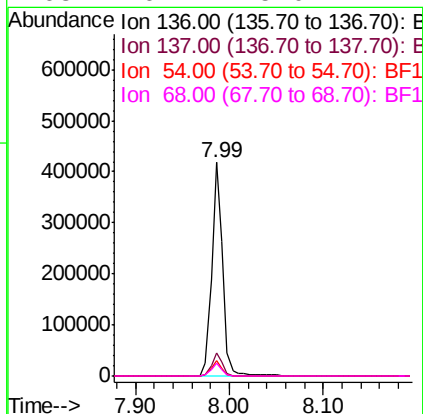
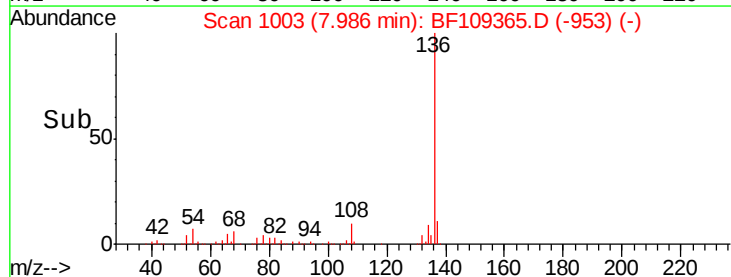
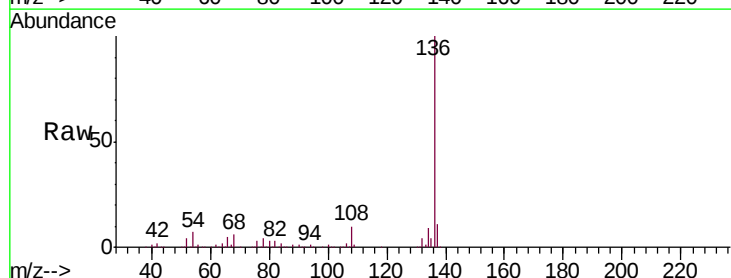
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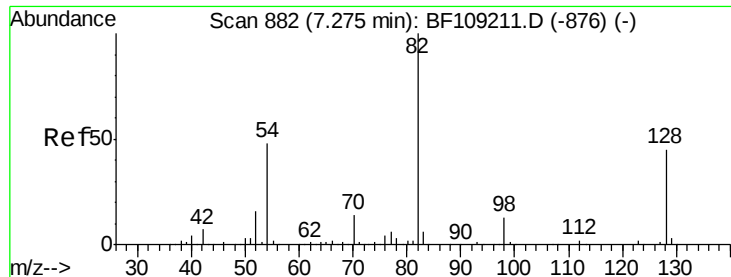
Tgt Ion: 70 Resp: 82983
Ion Ratio Lower Upper
70 100
42 50.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109365.D
Acq: 27 Sep 2018 4:30

Tgt Ion: 136 Resp: 347472
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.2 6.6 9.8
68 6.1 5.0 7.4

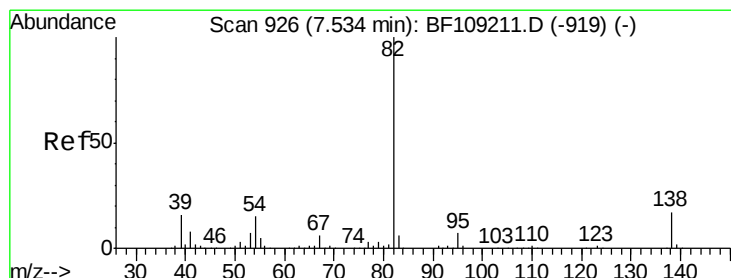
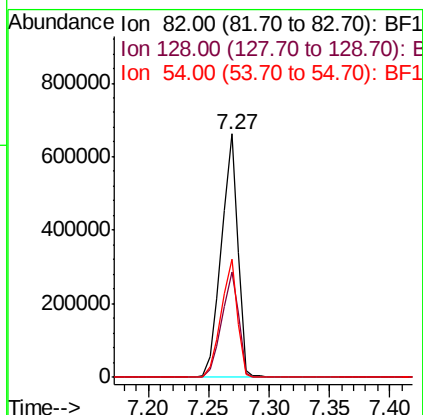
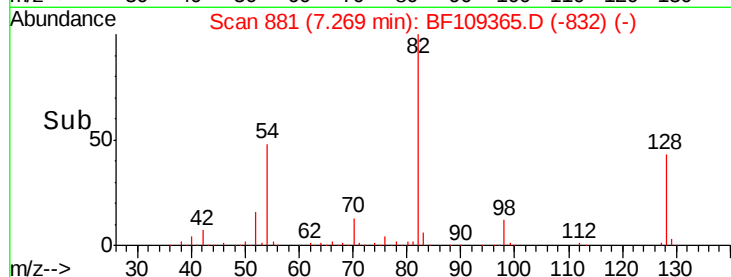
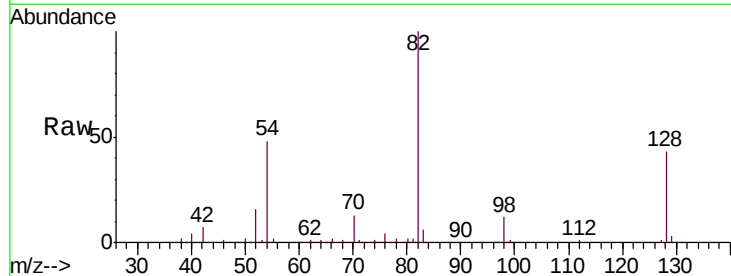




#23
 Nitrobenzene-d5
 Concen: 106.101 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

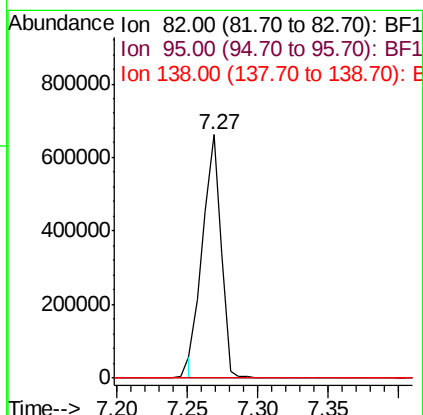
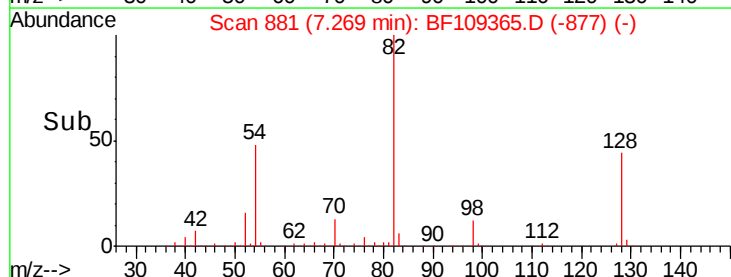
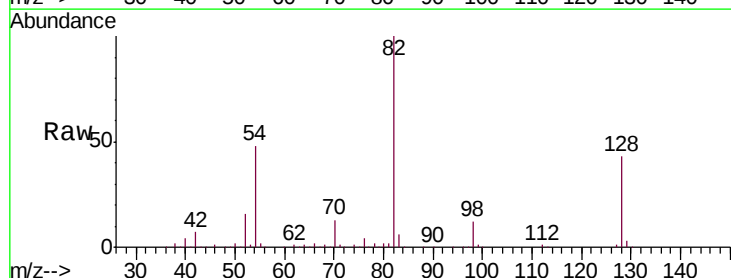
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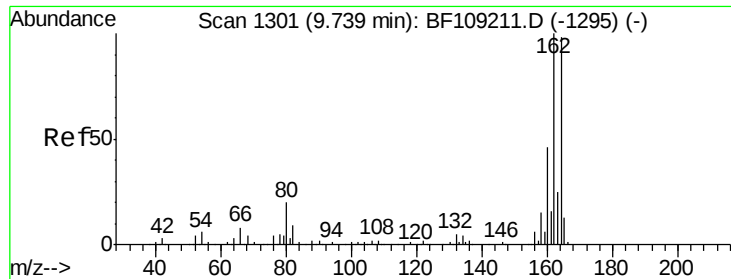
Tgt Ion: 82 Resp: 624534
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 48.5 41.4 62.2



#25
 Isophorone
 Concen: 56.512 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Tgt Ion: 82 Resp: 599003
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

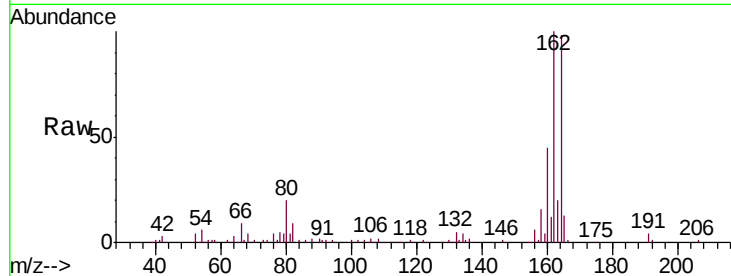




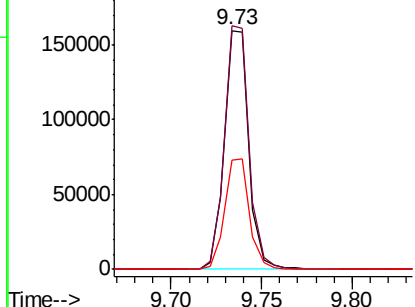
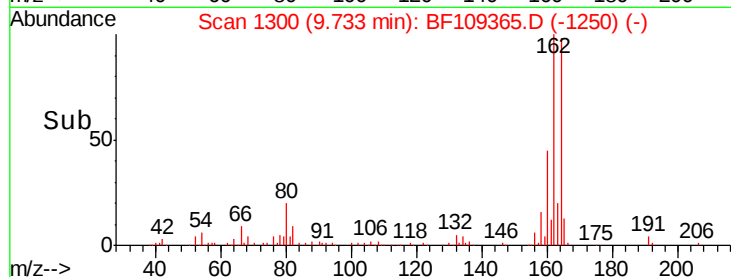
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-D-B

Tgt Ion:164 Resp: 149130
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 45.6 38.3 57.5

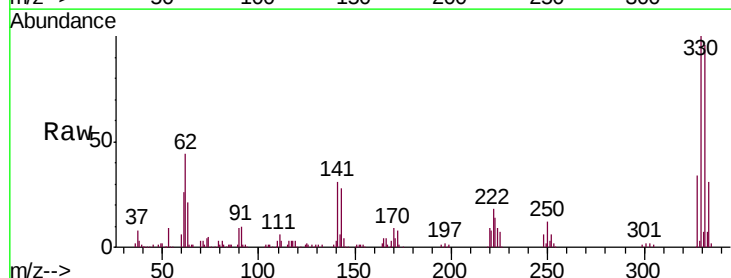


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

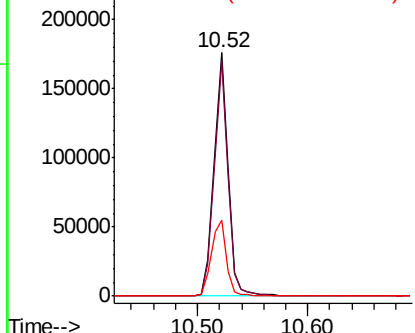
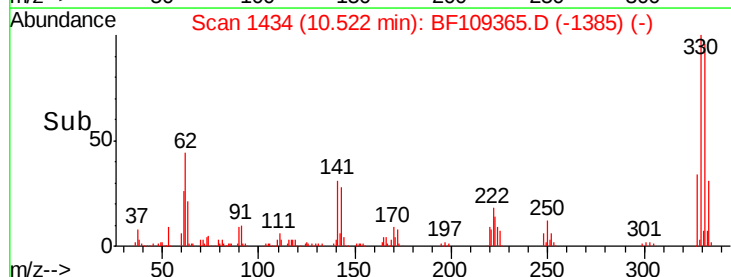


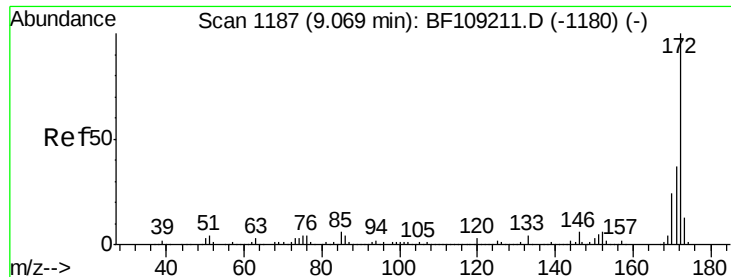
#41
 2,4,6-Tribromophenol
 Concen: 105.606 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Tgt Ion:330 Resp: 155252
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 32.4 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

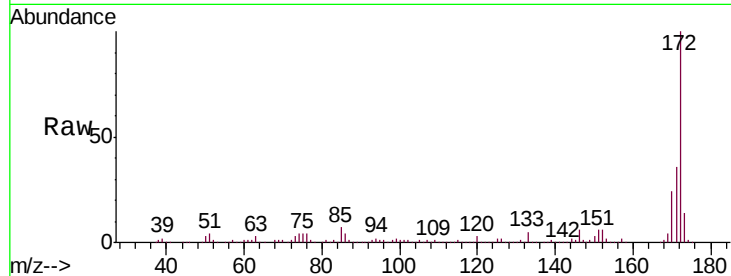




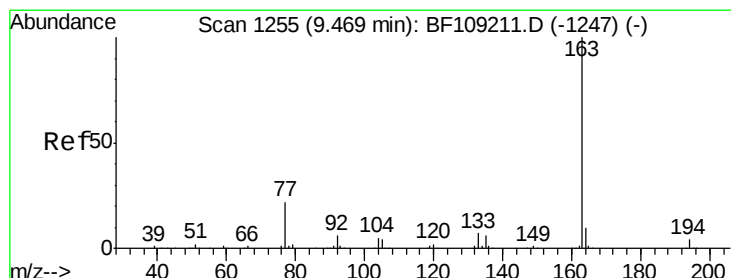
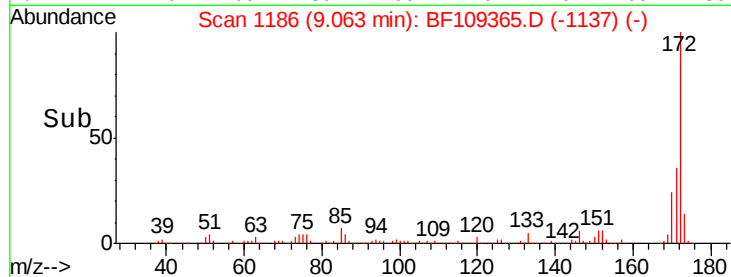
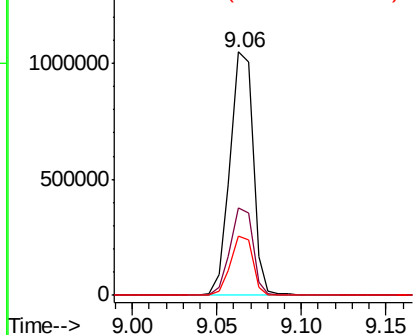
#44
 2-Fluorobiphenyl
 Concen: 101.540 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Instrument :
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Tgt Ion:172 Resp: 1004028
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.2 19.6 29.4

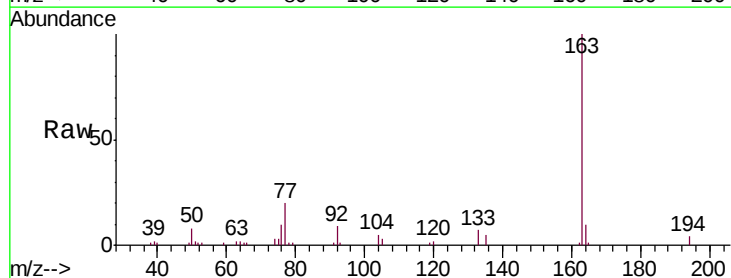


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

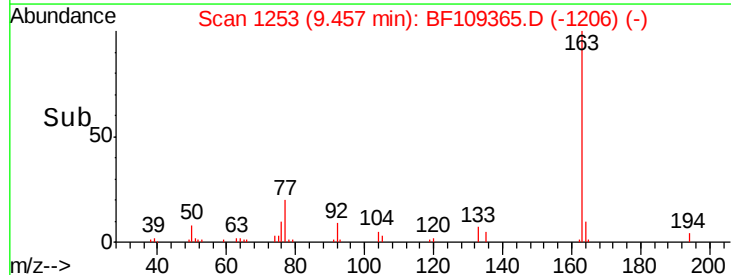
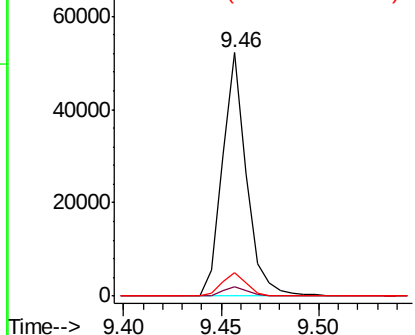


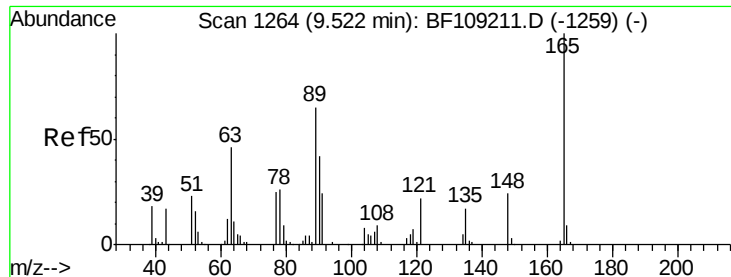
#49
 Dimethylphthalate
 Concen: 4.114 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Tgt Ion:163 Resp: 44626
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.5 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

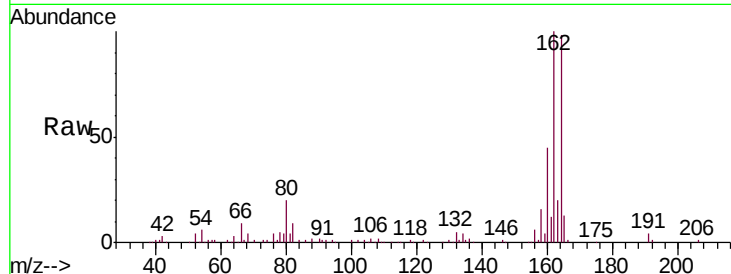




#50
 2,6-Dinitrotoluene
 Concen: 8.662 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

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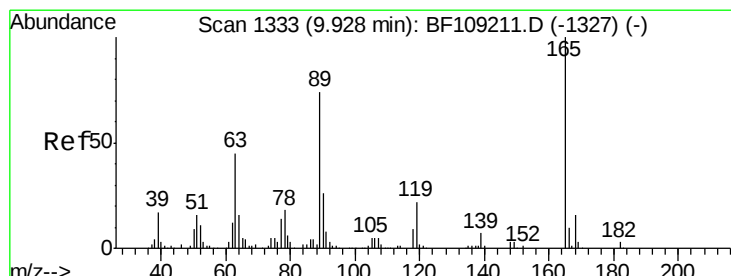
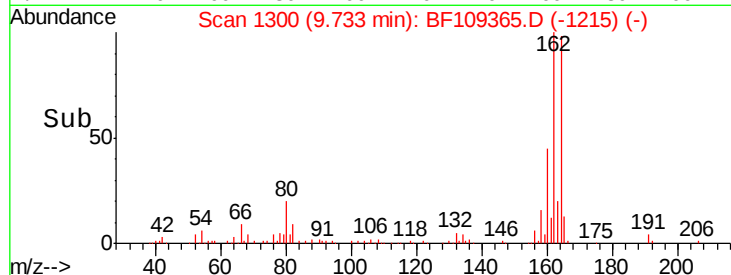
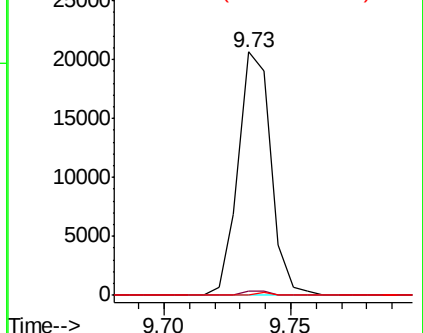
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	0.0	44.0	66.0#



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: 6.846 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

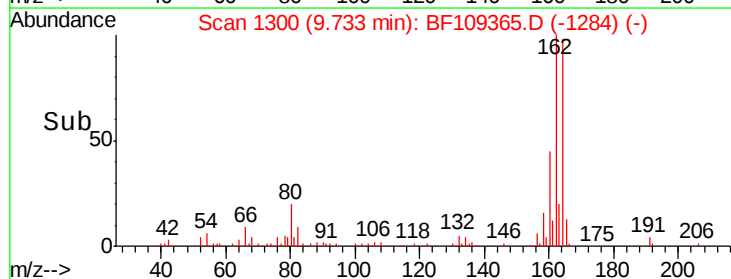
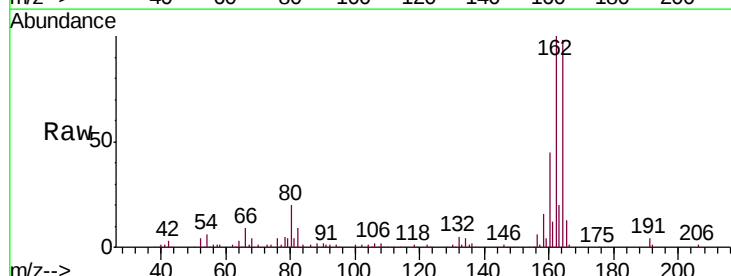
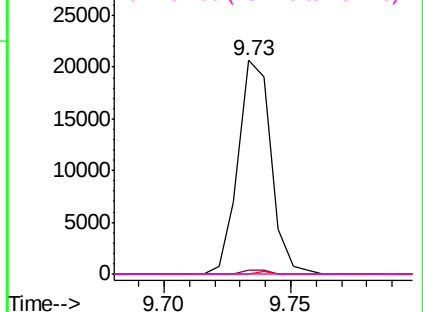
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

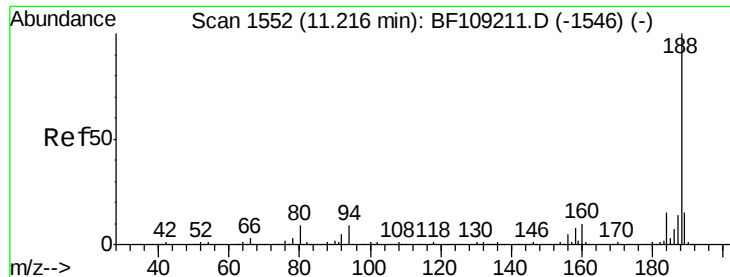
Abundance Ion 165.00 (164.70 to 165.70): E

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

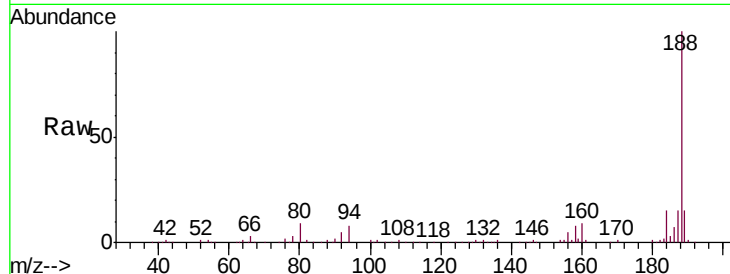




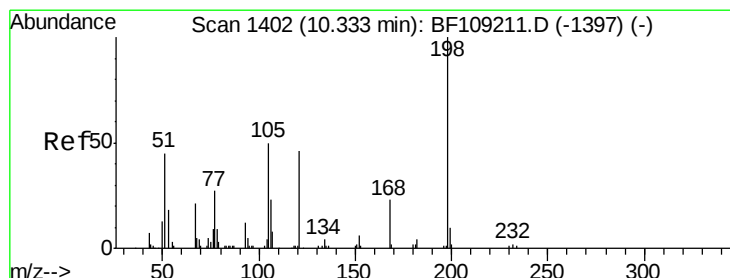
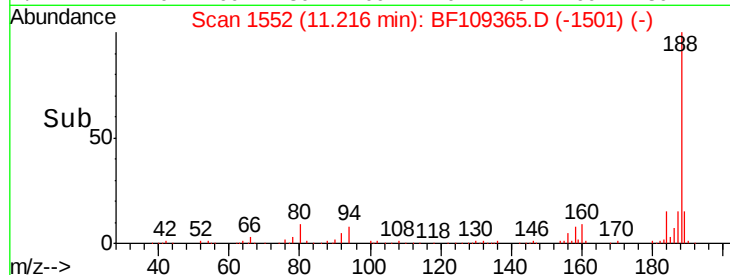
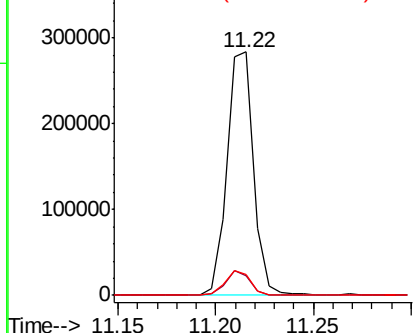
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-D-B

Tgt Ion:188 Resp: 266771
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 8.8 9.2 13.8#

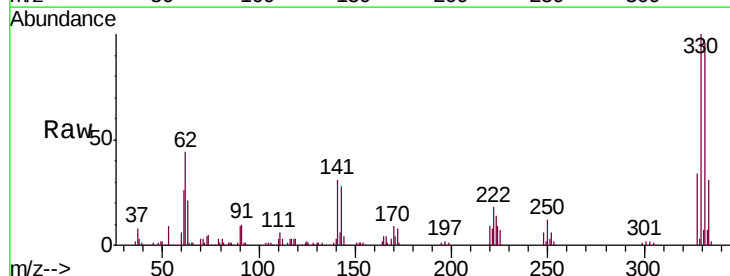


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

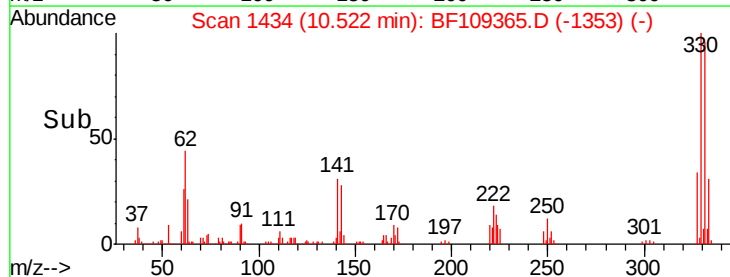
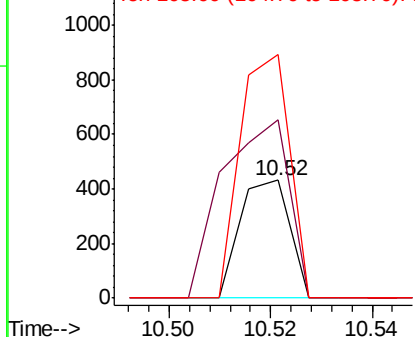


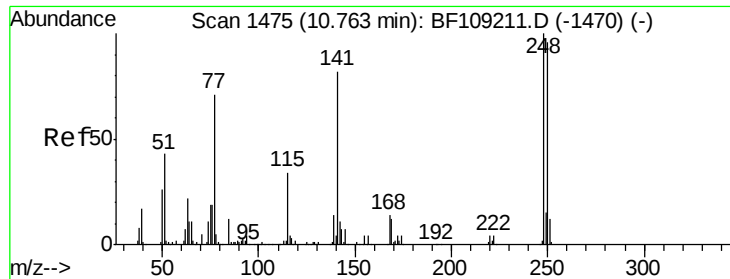
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.758 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Tgt Ion:198 Resp: 294
 Ion Ratio Lower Upper
 198 100
 51 151.5 37.7 77.7#
 105 207.2 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

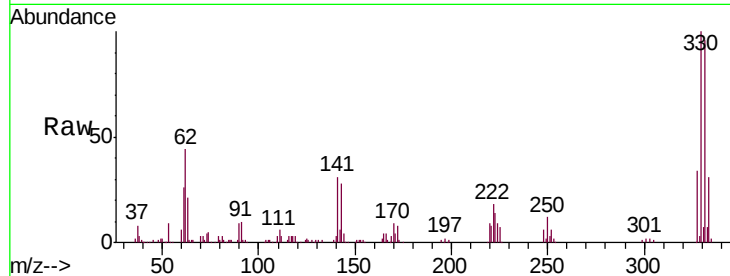




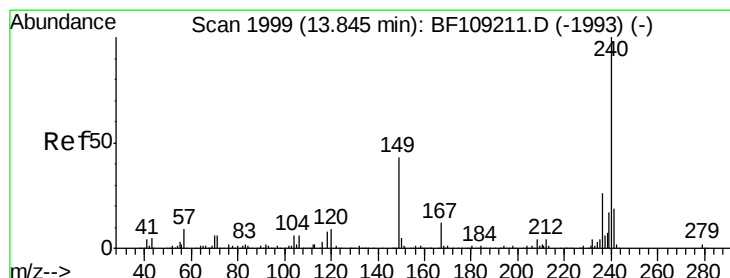
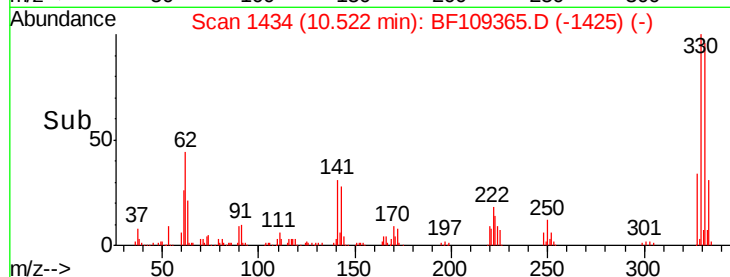
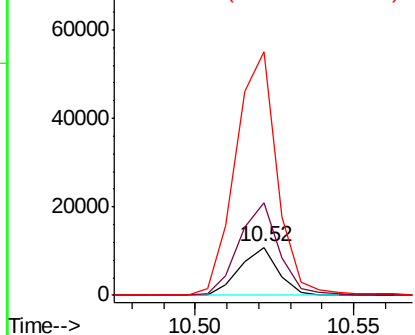
#66
4-Bromophenyl-phenylether
Concen: 3.063 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109365.D
Acq: 27 Sep 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092118-SIDI-F-D-B

Tgt Ion:248 Resp: 9073
Ion Ratio Lower Upper
248 100
250 192.0 76.9 115.3#
141 505.1 74.4 111.6#

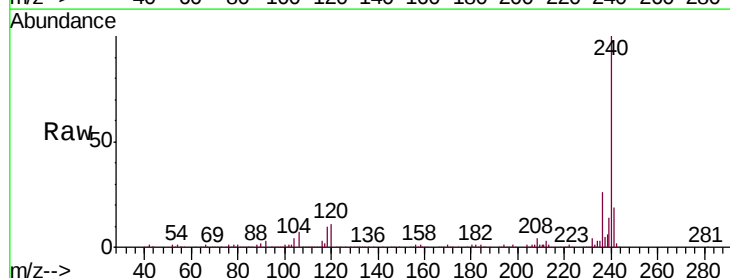


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

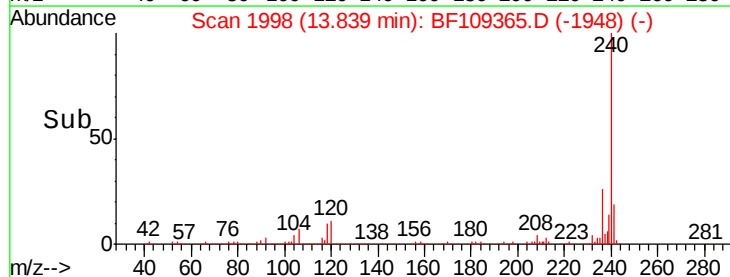
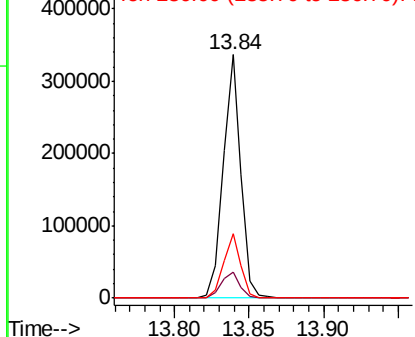


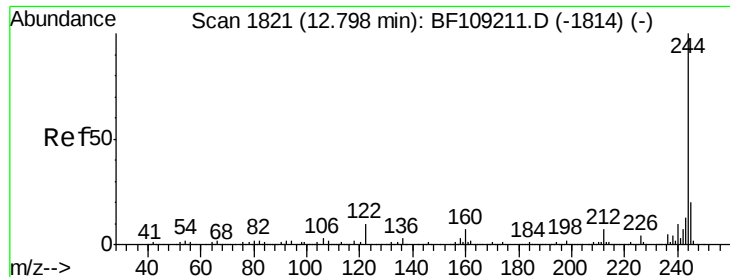
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109365.D
Acq: 27 Sep 2018 4:30

Tgt Ion:240 Resp: 279767
Ion Ratio Lower Upper
240 100
120 10.6 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

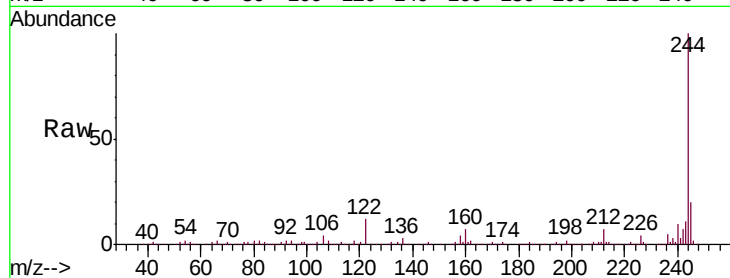




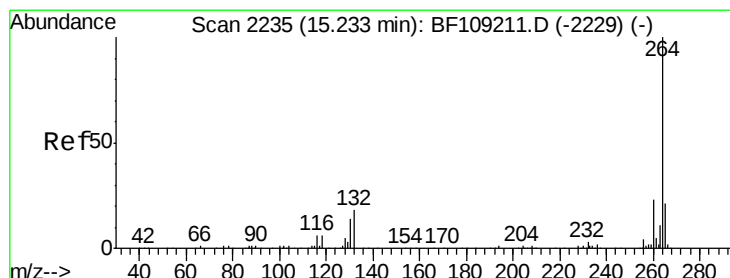
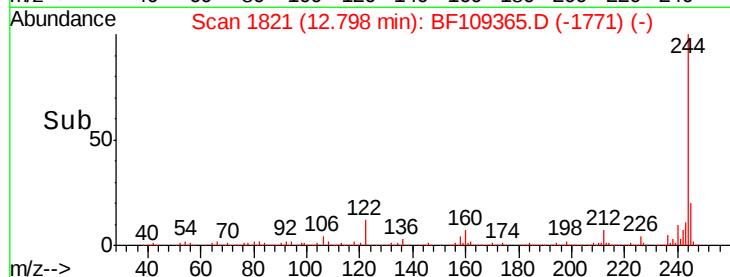
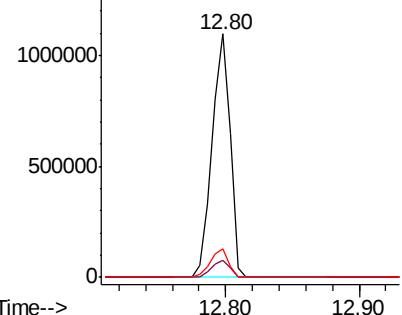
#78
 Terphenyl-d14
 Concen: 92.645 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-D-B

Tgt Ion:244 Resp: 1056124
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.7 11.0 16.4

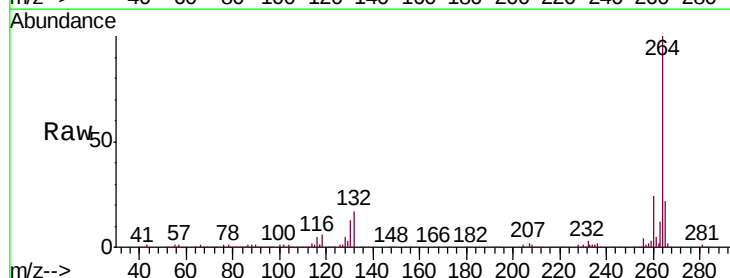


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109365.D
 Acq: 27 Sep 2018 4:30

Tgt Ion:264 Resp: 243491
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 250000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

