

Data File : BF109369.D
Acq On : 27 Sep 2018 6:15
Operator : JU/SJ
Sample : J5051-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
092118-SIDI-F-U-M

Quant Time: Sep 27 07:32:59 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	101265	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	363195	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	152254	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	263213	20.00	ng	0.00
75) Chrysene-d12	13.84	240	281671	20.00	ng	0.00
86) Perylene-d12	15.24	264	245773	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	250068	40.67	ng	0.00
7) Phenol-d6	6.34	99	221339	28.21	ng	-0.02
23) Nitrobenzene-d5	7.27	82	624087	101.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	143385	95.53	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1007751	99.83	ng	-0.01
78) Terphenyl-d14	12.80	244	1013789	88.33	ng	0.00

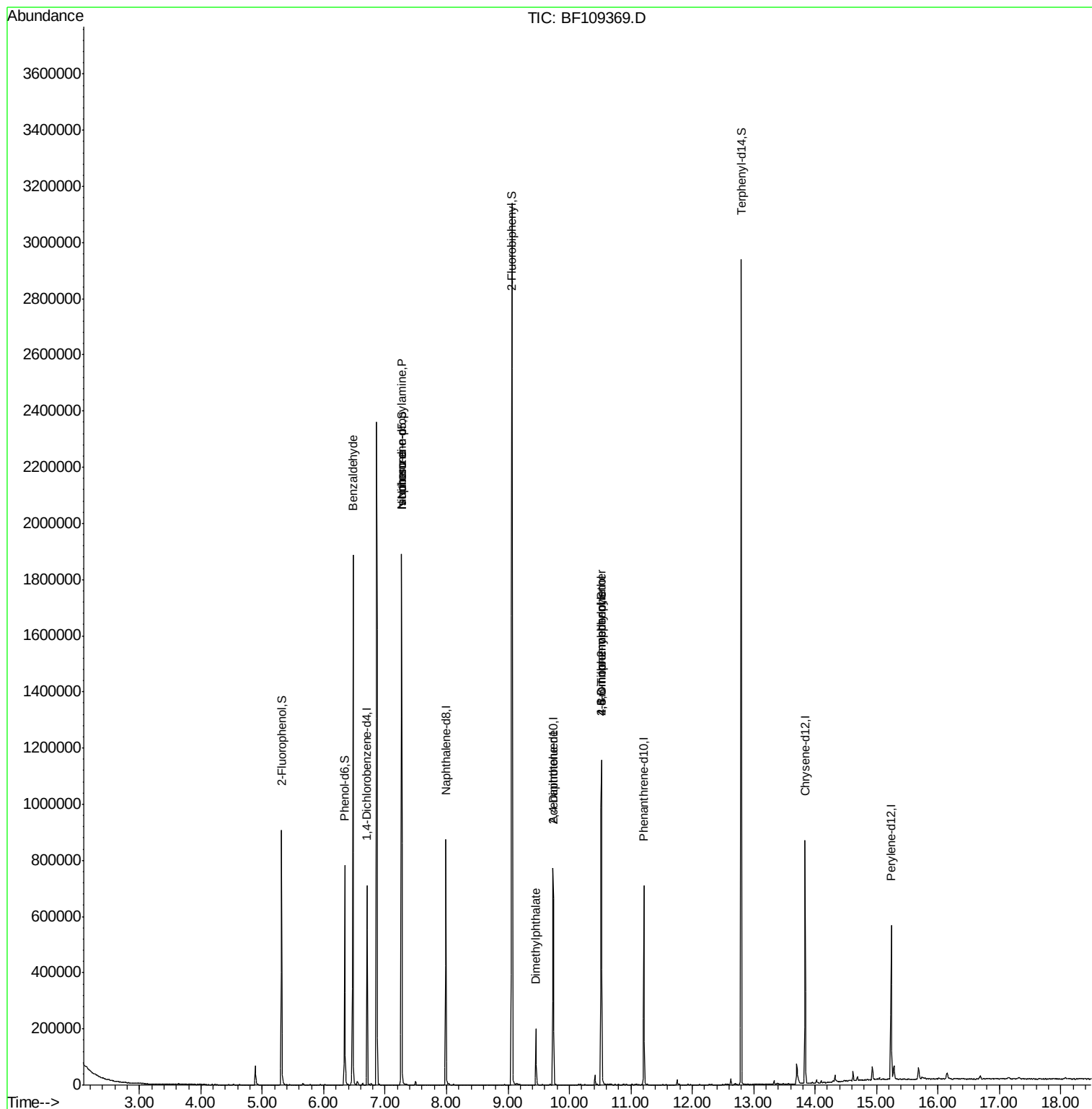
Target Compounds				Qvalue		
9) Benzaldehyde	6.47	77	10284	2.041	ng	# 74
19) n-Nitroso-di-n-propylamine	7.27	70	84341	16.407	ng	# 77
25) Isophorone	7.27	82	595603	53.759	ng	# 64
49) Dimethylphthalate	9.46	163	80223	7.244	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	19198	6.918	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	289	6.757	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8469	2.897	ng	# 1

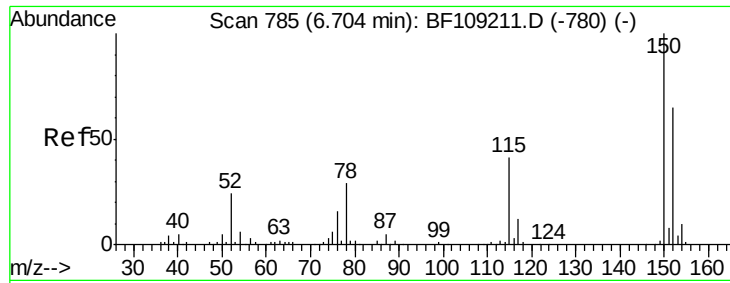
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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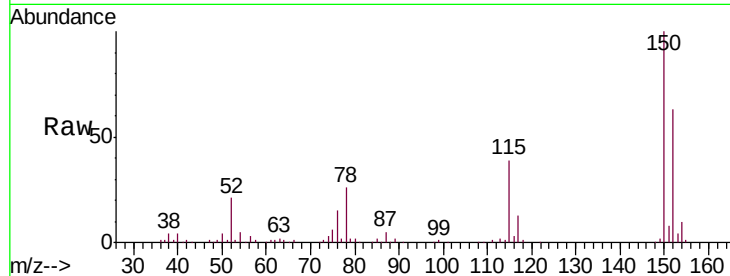




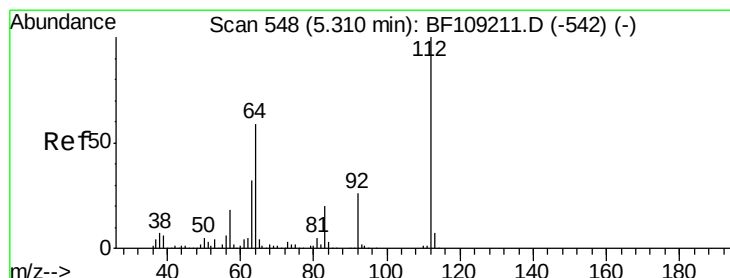
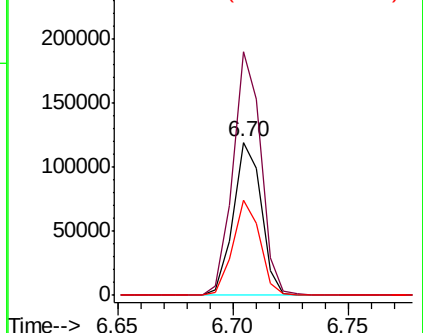
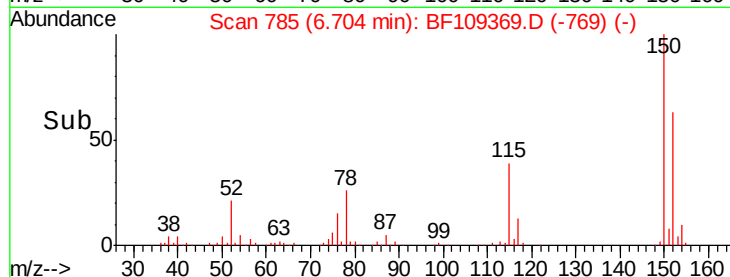
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109369.D
 Acq: 27 Sep 2018 6:15

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-U-M

Tgt Ion:152 Resp: 101265
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 61.8 50.1 75.1

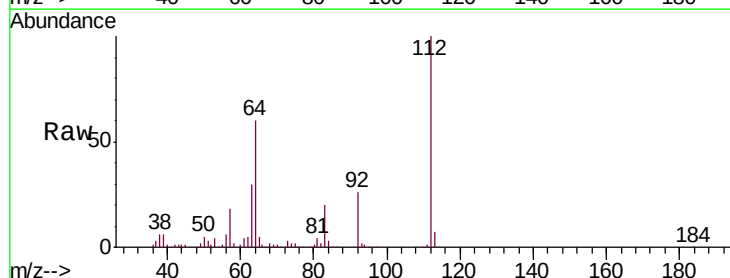


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

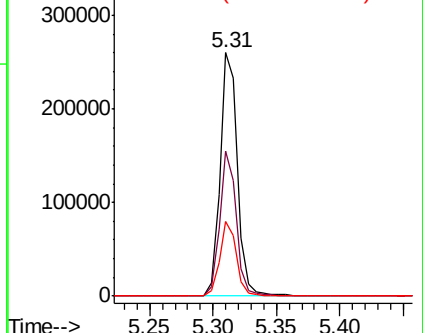
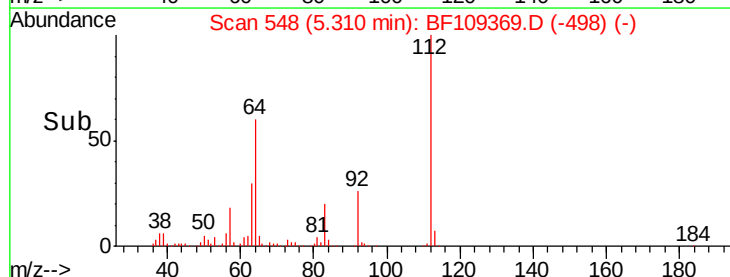


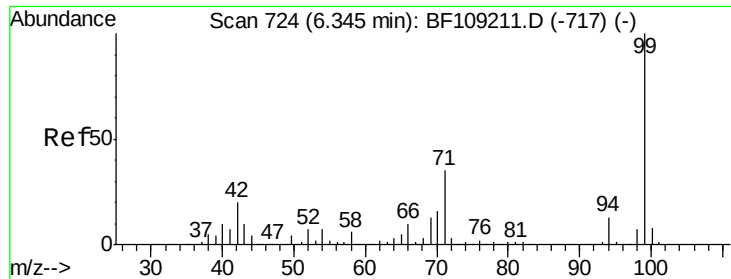
#5
 2-Fluorophenol
 Concen: 40.674 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109369.D
 Acq: 27 Sep 2018 6:15

Tgt Ion:112 Resp: 250068
 Ion Ratio Lower Upper
 112 100
 64 59.8 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: 28.213 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109369.D

Acq: 27 Sep 2018 6:15

Instrument :

BNA_F

ClientSampleId :

092118-SIDI-F-U-M

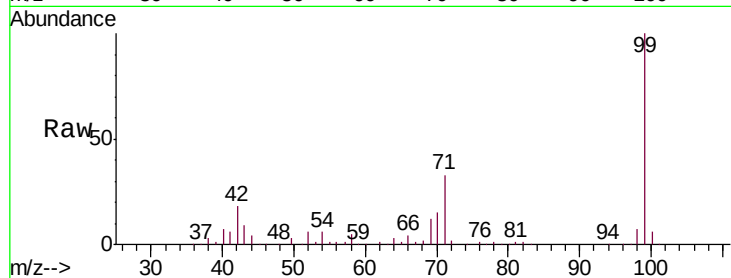
Tgt Ion: 99 Resp: 221339

Ion Ratio Lower Upper

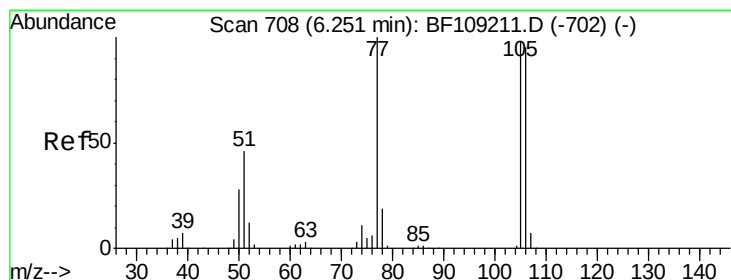
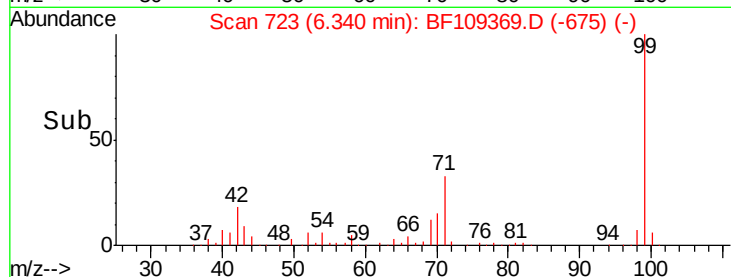
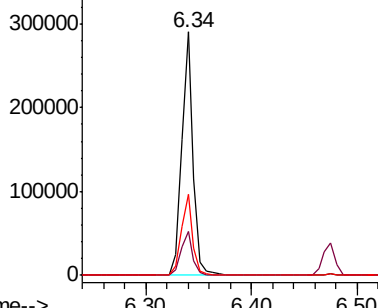
99 100

42 17.9 14.5 21.7

71 33.4 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: 2.041 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109369.D

Acq: 27 Sep 2018 6:15

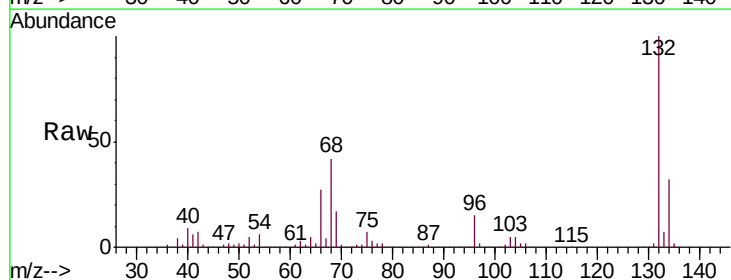
Tgt Ion: 77 Resp: 10284

Ion Ratio Lower Upper

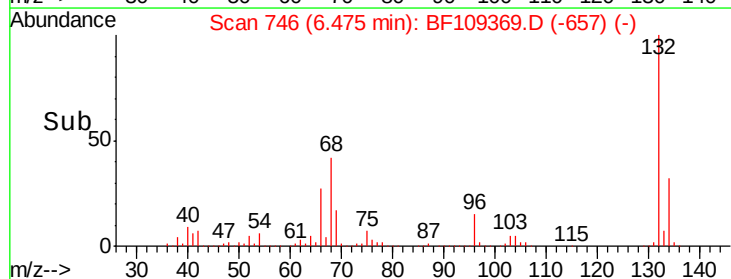
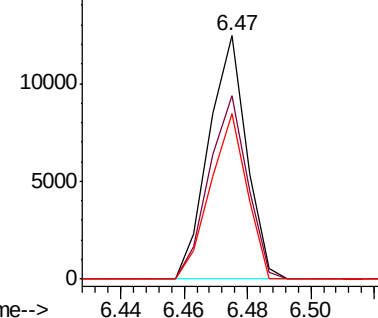
77 100

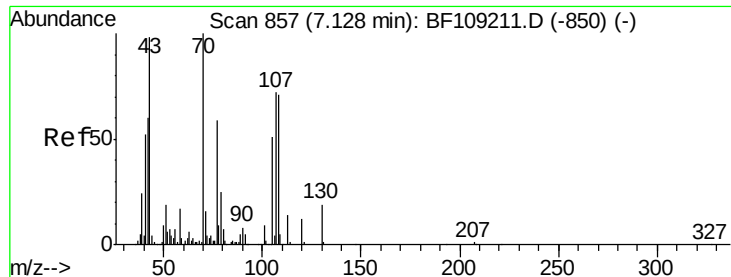
105 75.6 81.1 121.1#

106 68.2 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

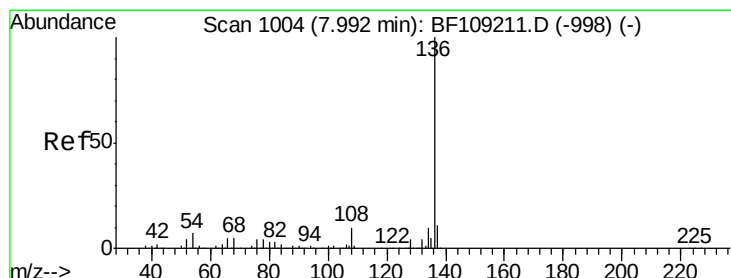
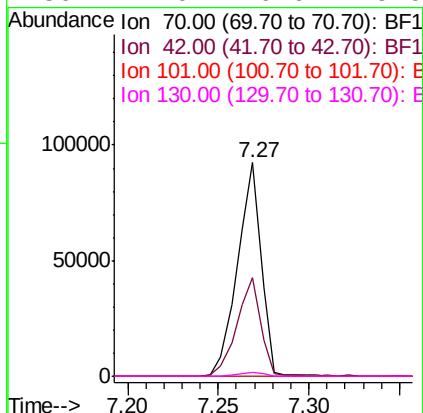
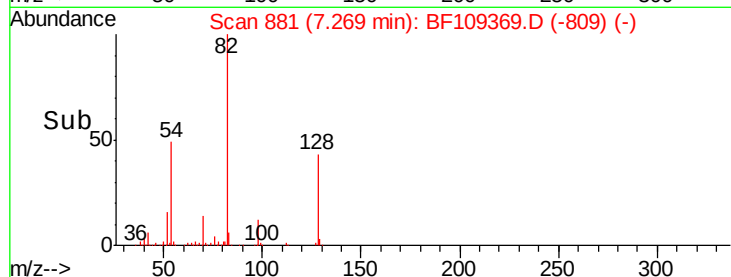
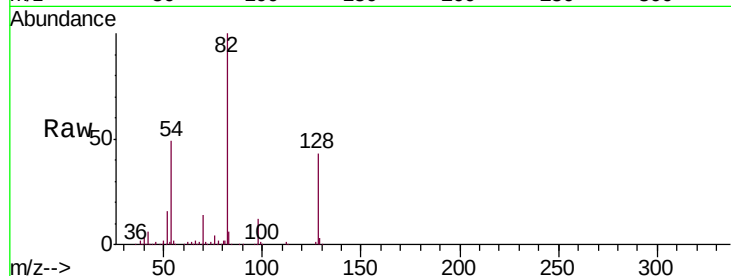




#19
n-Nitroso-di-n-propylamine
Concen: 16.407 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109369.D
Acq: 27 Sep 2018 6:15

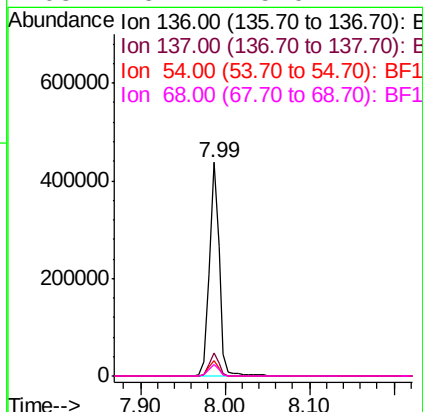
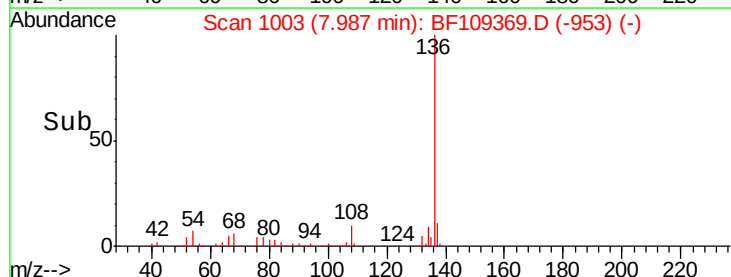
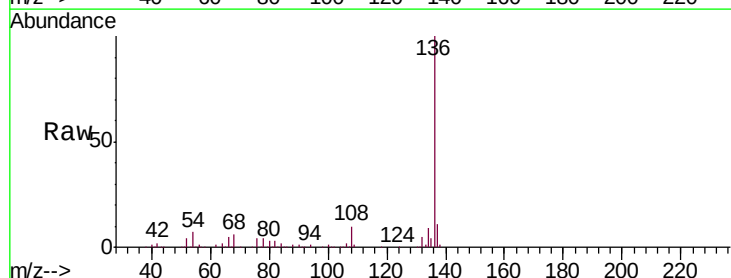
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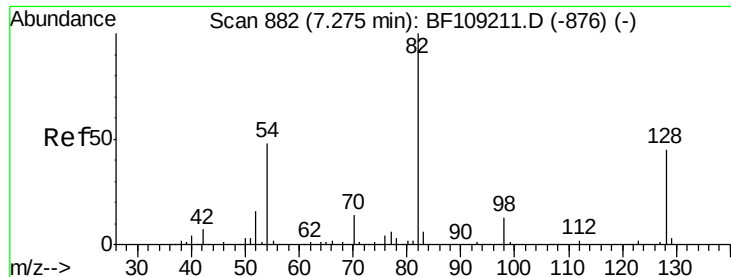
Tgt Ion: 70 Resp: 84341
Ion Ratio Lower Upper
70 100
42 46.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109369.D
Acq: 27 Sep 2018 6:15

Tgt Ion: 136 Resp: 363195
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 6.6 9.8
68 5.7 5.0 7.4

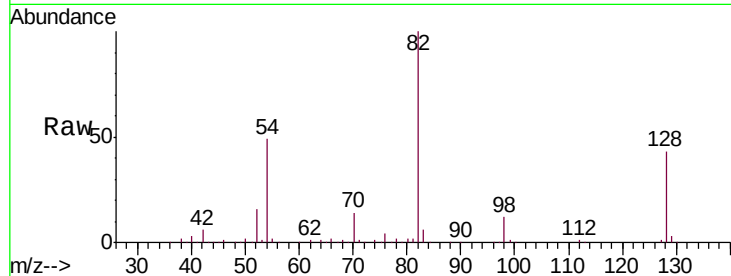




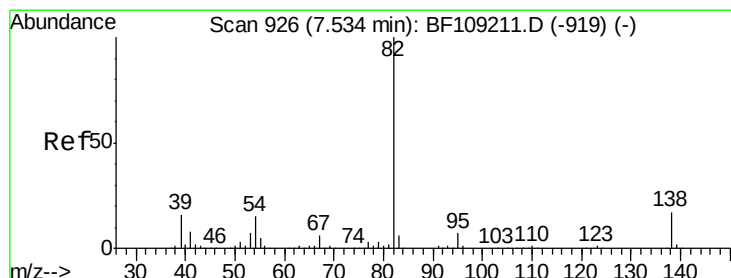
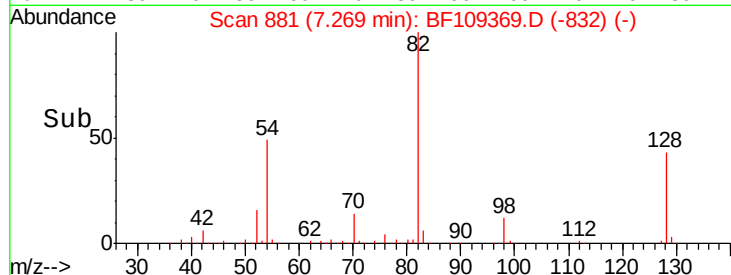
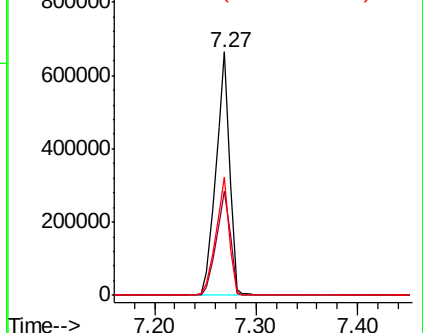
#23
 Nitrobenzene-d5
 Concen: 101.435 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109369.D
 Acq: 27 Sep 2018 6:15

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	48.6	41.4	62.2

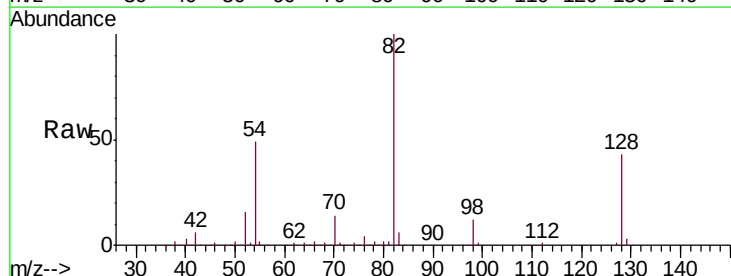


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

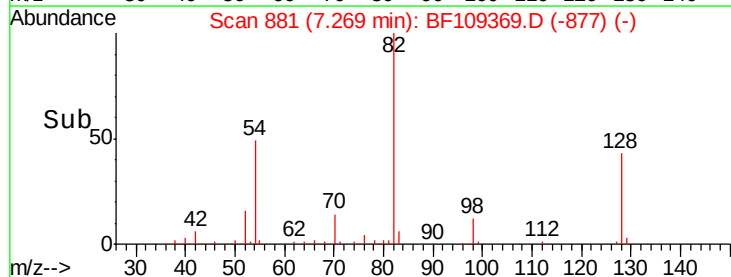
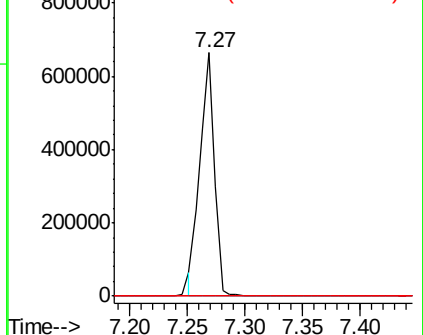


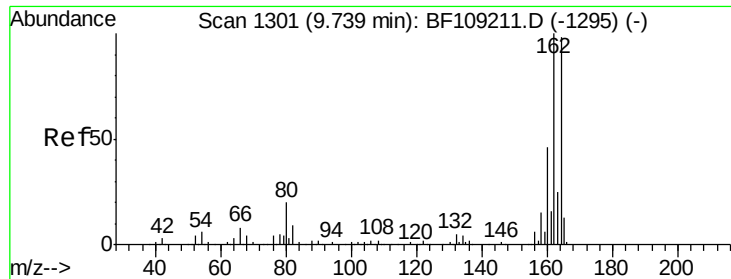
#25
 Isophorone
 Concen: 53.759 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109369.D
 Acq: 27 Sep 2018 6:15

Tgt 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

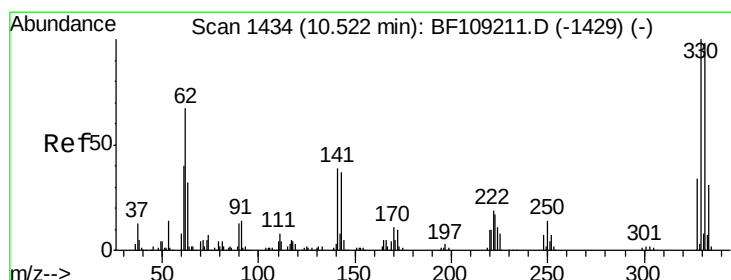
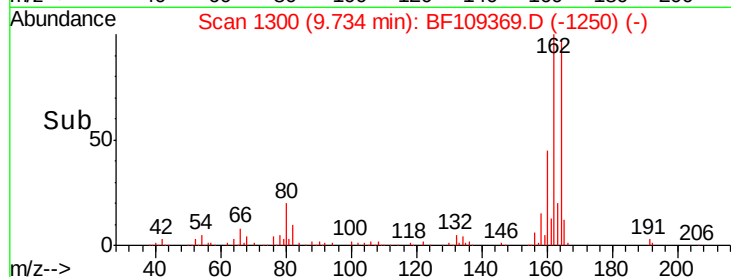
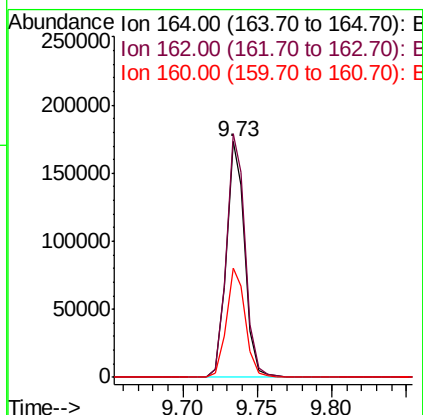
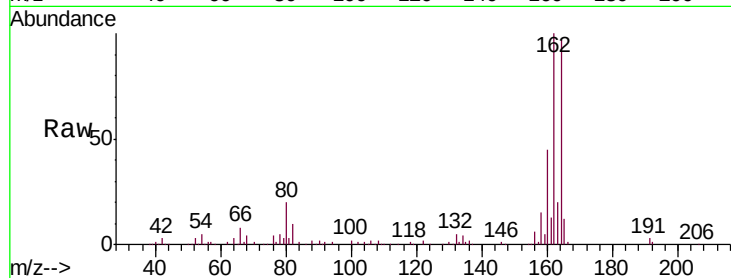




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109369.D
 Acq: 27 Sep 2018 6:15

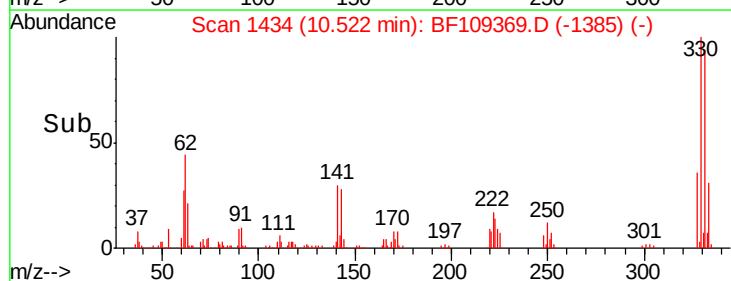
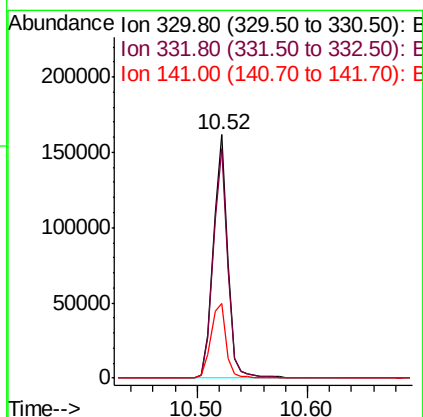
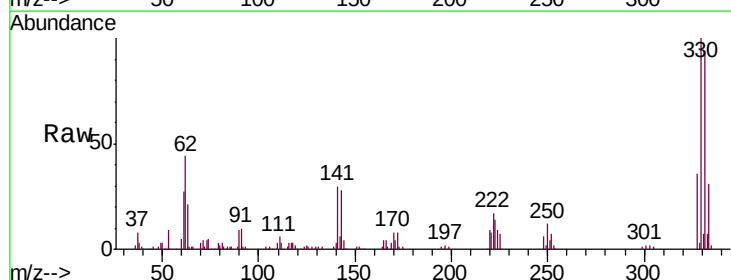
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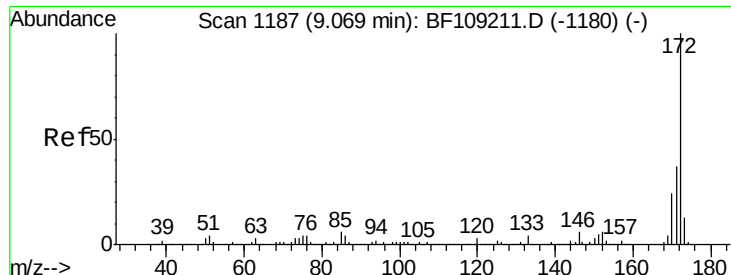
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 95.532 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109369.D
 Acq: 27 Sep 2018 6:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.4	29.9	44.9

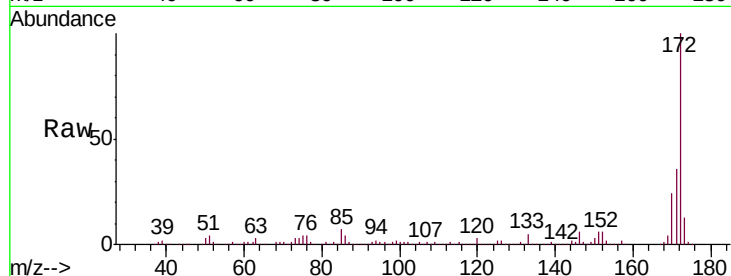




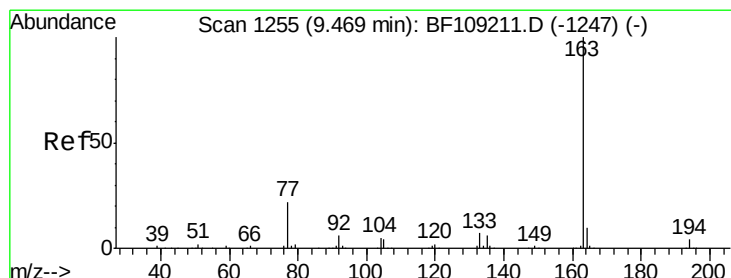
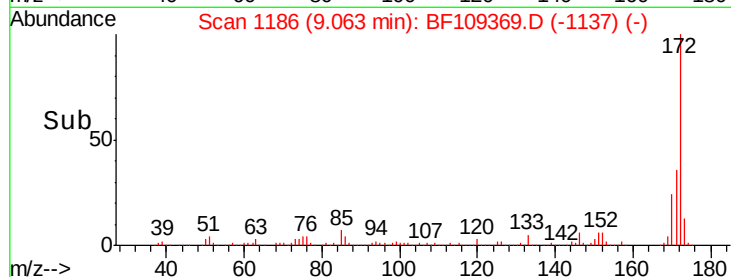
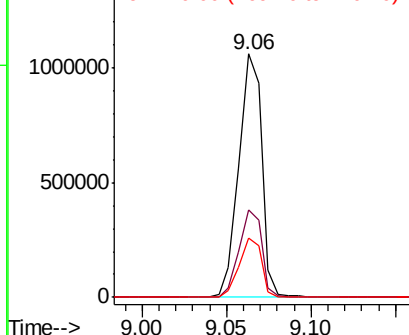
#44
2-Fluorobiphenyl
Concen: 99.825 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109369.D
Acq: 27 Sep 2018 6:15

Instrument :
BNA_F
ClientSampleId :
092118-SIDI-F-U-M

Tgt Ion:172 Resp: 1007751
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.3 19.6 29.4

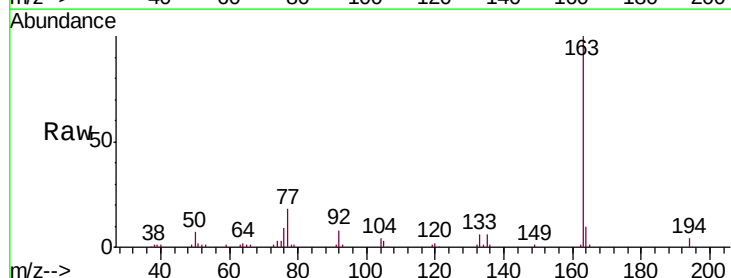


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

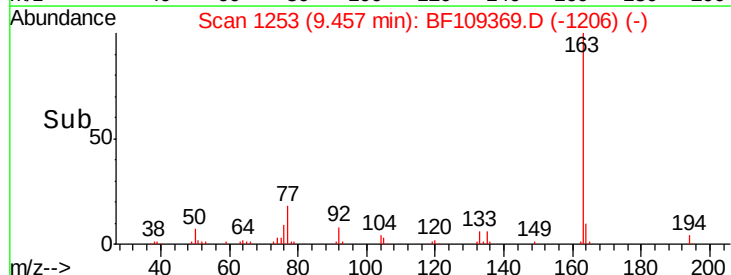
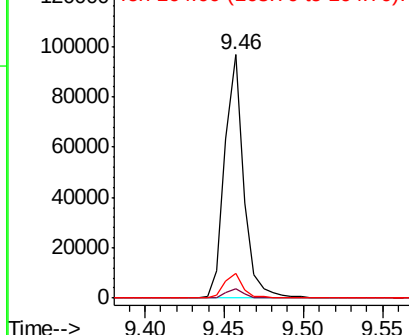


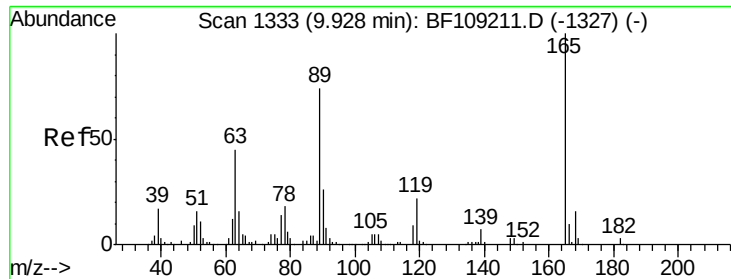
#49
Dimethylphthalate
Concen: 7.244 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109369.D
Acq: 27 Sep 2018 6:15

Tgt Ion:163 Resp: 80223
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 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

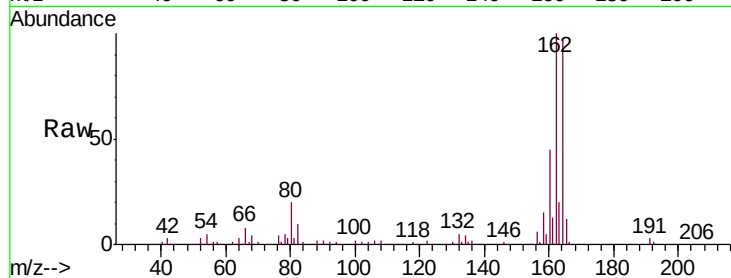




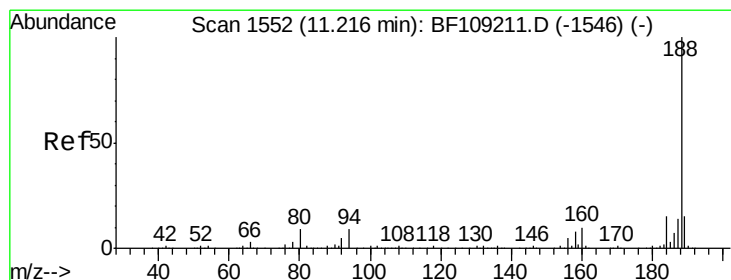
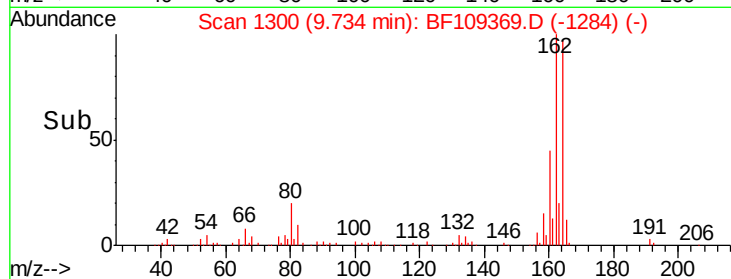
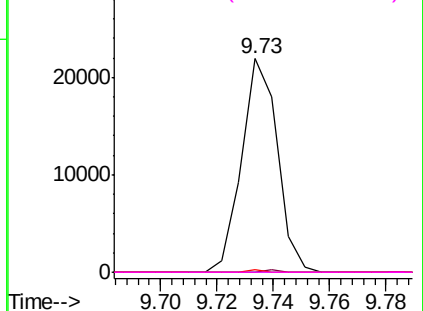
#56
 2,4-Dinitrotoluene
 Concen: 6.918 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109369.D
 Acq: 27 Sep 2018 6:15

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-U-M

Tgt Ion:	165	Resp:	19198
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

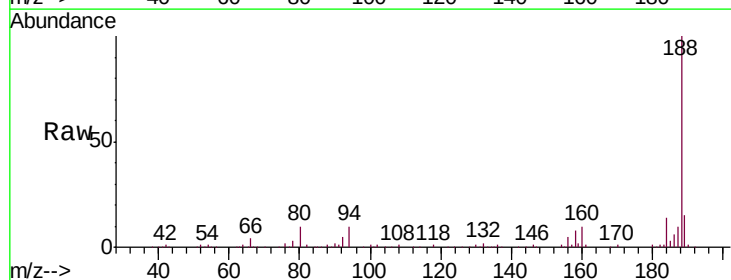


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

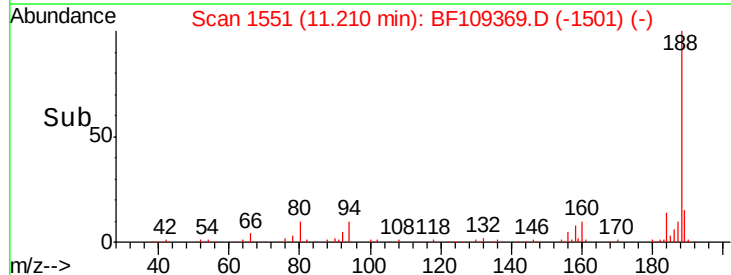
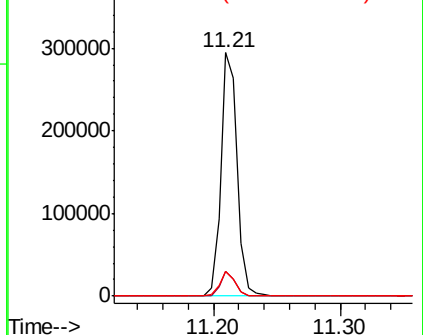


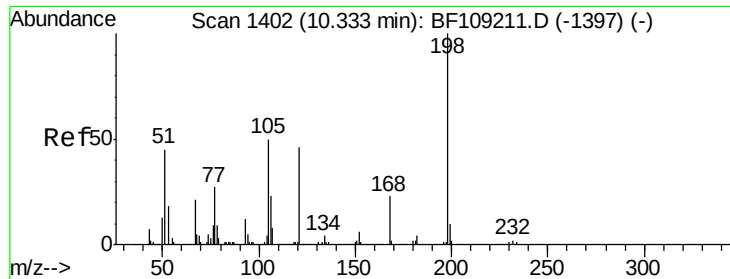
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109369.D
 Acq: 27 Sep 2018 6:15

Tgt Ion:	188	Resp:	263213
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.1	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

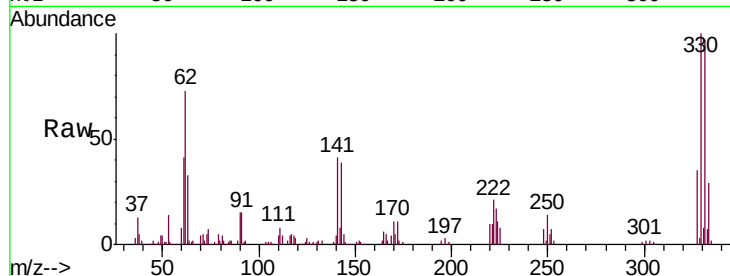




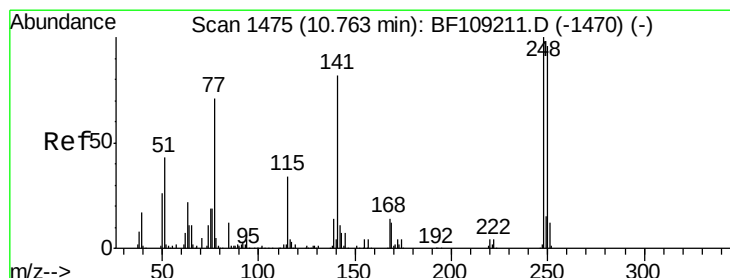
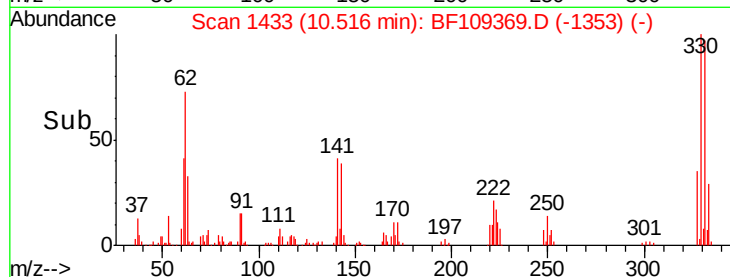
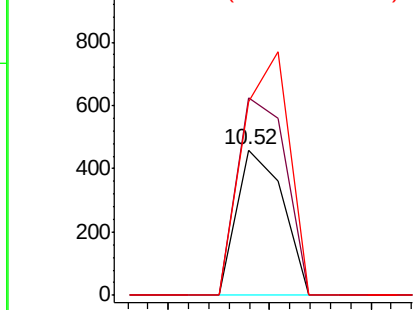
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.757 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109369.D
 Acq: 27 Sep 2018 6:15

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-U-M

Tgt Ion:198 Resp: 289
 Ion Ratio Lower Upper
 198 100
 51 135.9 37.7 77.7#
 105 133.3 36.3 76.3#

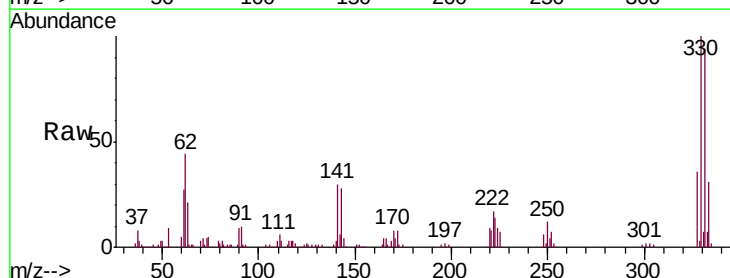


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

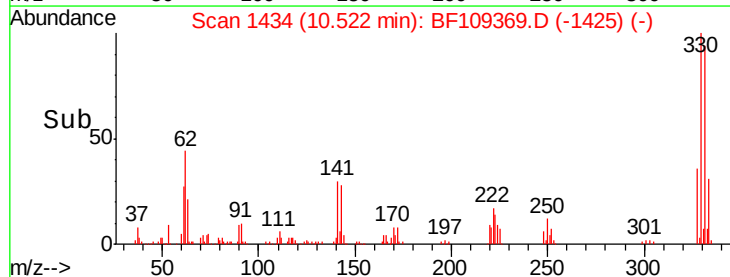
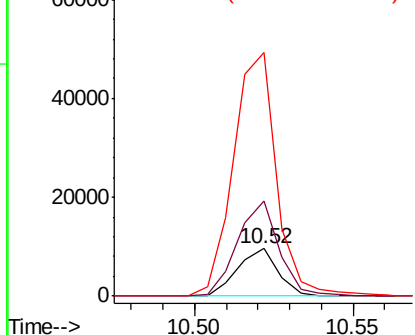


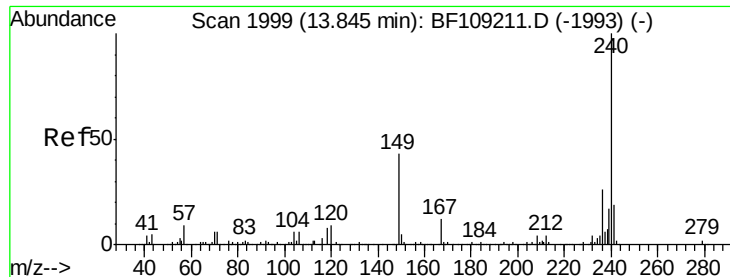
#66
 4-Bromophenyl-phenylether
 Concen: 2.897 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109369.D
 Acq: 27 Sep 2018 6:15

Tgt Ion:248 Resp: 8469
 Ion Ratio Lower Upper
 248 100
 250 199.8 76.9 115.3#
 141 514.5 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: BF109369.D

Acq: 27 Sep 2018 6:15

Instrument :

BNA_F

ClientSampleId :

092118-SIDI-F-U-M

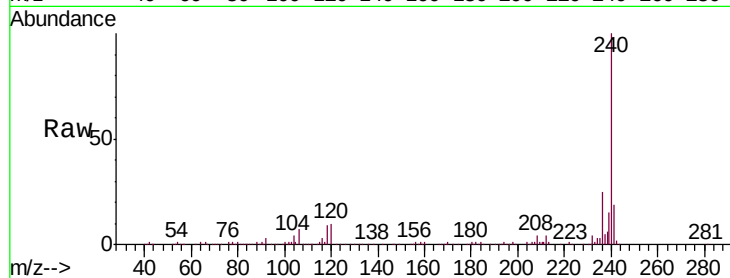
Tgt Ion:240 Resp: 281671

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

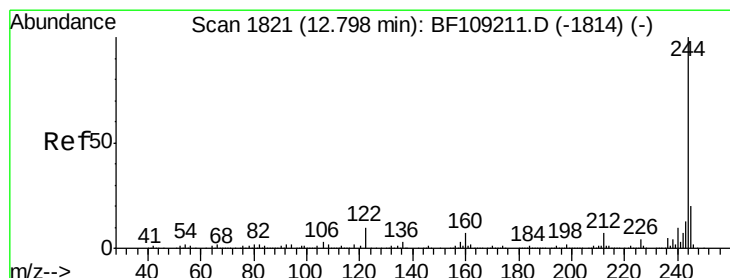
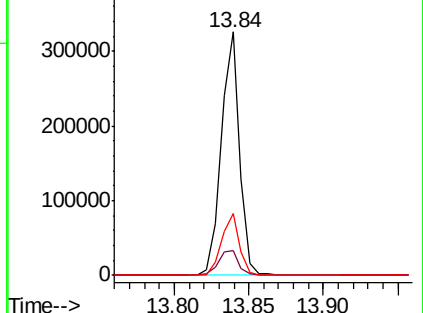
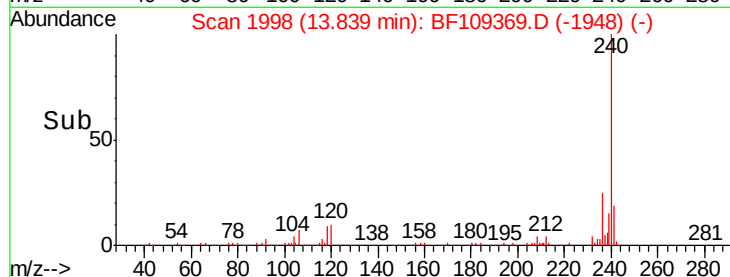
236 25.5 20.7 31.1



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: 88.330 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109369.D

Acq: 27 Sep 2018 6:15

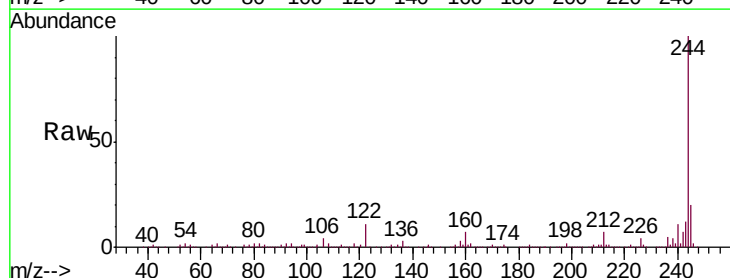
Tgt Ion:244 Resp: 1013789

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

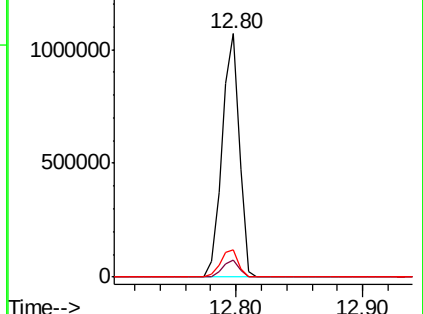
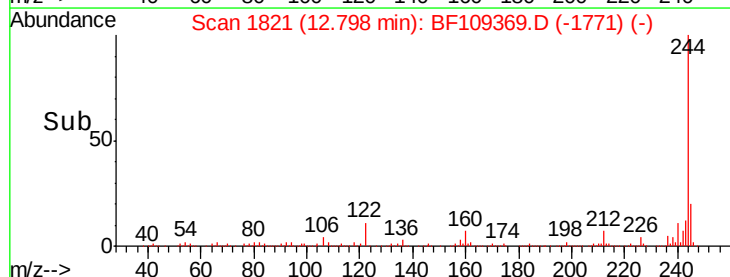
122 11.3 11.0 16.4

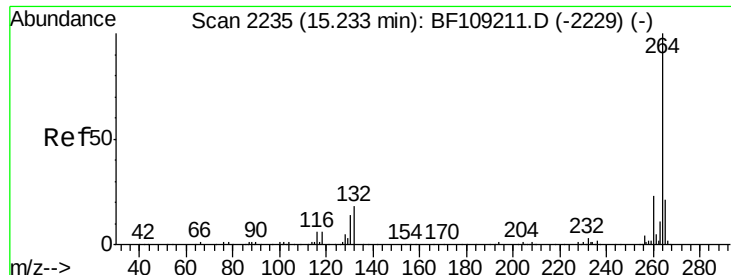


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

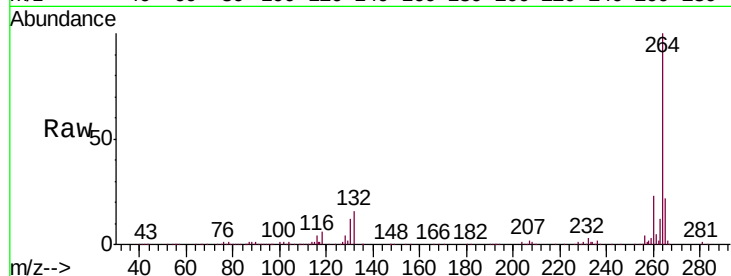




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109369.D
Acq: 27 Sep 2018 6:15

Instrument :
BNA_F
ClientSampleId :
092118-SIDI-F-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.6	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

