

Data File : BF109368.D
Acq On : 27 Sep 2018 5:49
Operator : JU/SJ
Sample : J5051-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Sep 27 07:32:47 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	98372	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	343871	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	141856	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247022	20.00	ng	0.00
75) Chrysene-d12	13.84	240	264915	20.00	ng	0.00
86) Perylene-d12	15.24	264	241744	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	281826	47.19	ng	0.00
7) Phenol-d6	6.34	99	259035	33.99	ng	-0.02
23) Nitrobenzene-d5	7.27	82	608628	104.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	139525	99.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	973279	103.48	ng	-0.01
78) Terphenyl-d14	12.80	244	965382	89.43	ng	0.00

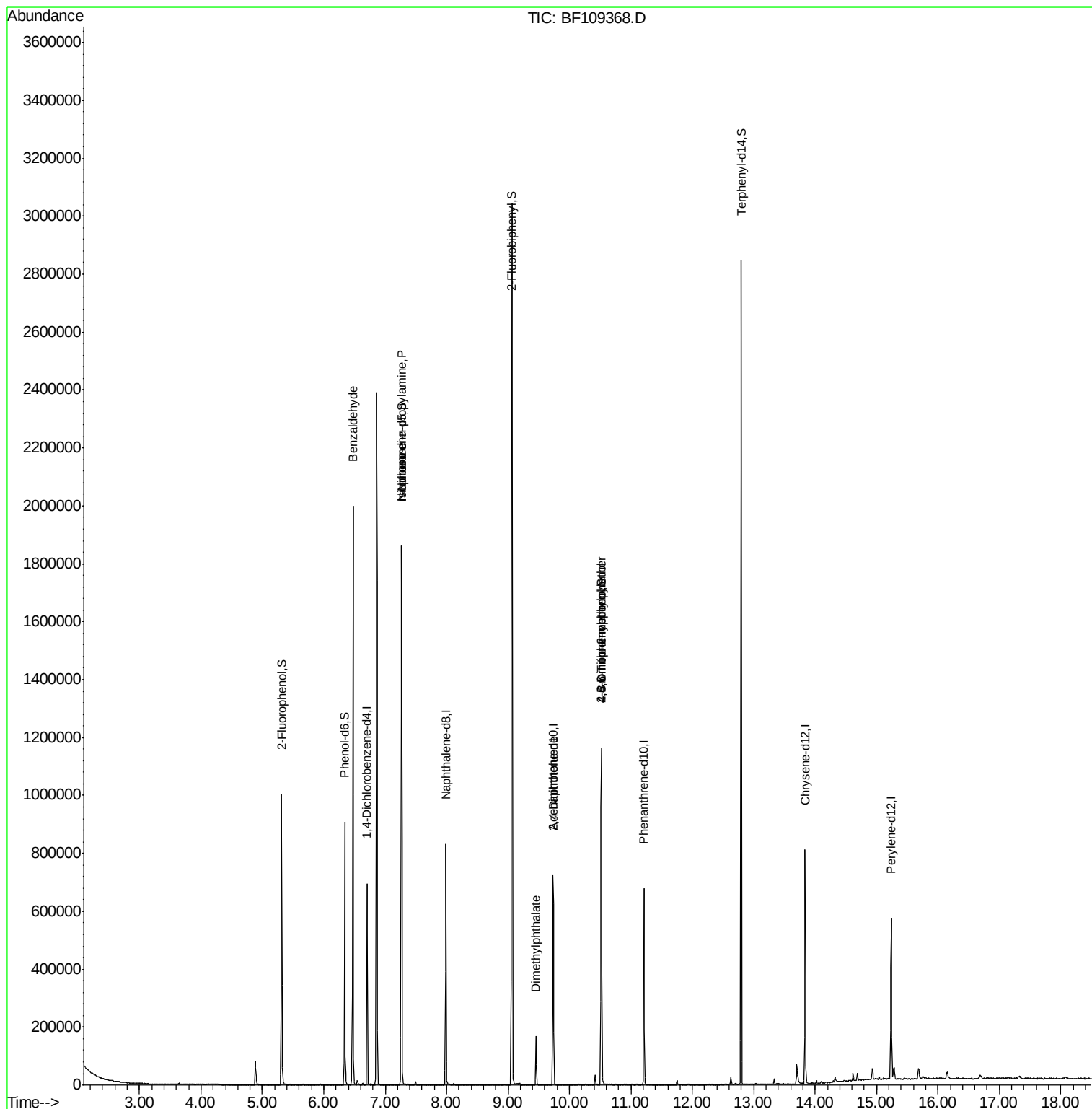
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	10896	2.226	ng	# 77
19) n-Nitroso-di-n-propylamine	7.27	70	81536	16.327	ng	# 77
25) Isophorone	7.27	82	582375	55.519	ng	# 64
49) Dimethylphthalate	9.46	163	68164	6.607	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	17814	6.890	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	265	6.751	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8549	3.117	ng	# 1

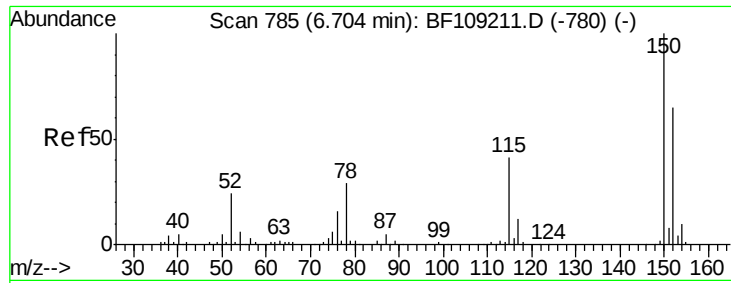
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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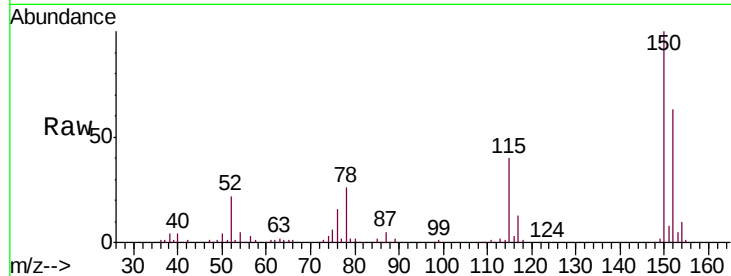




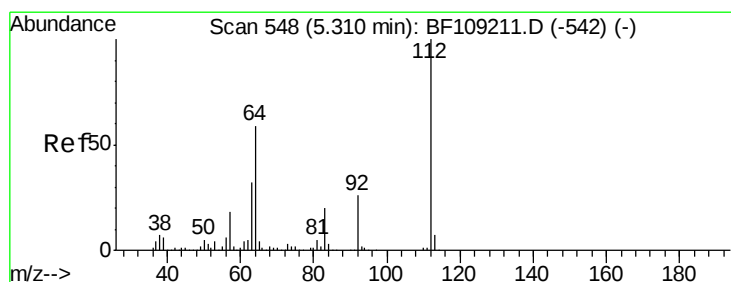
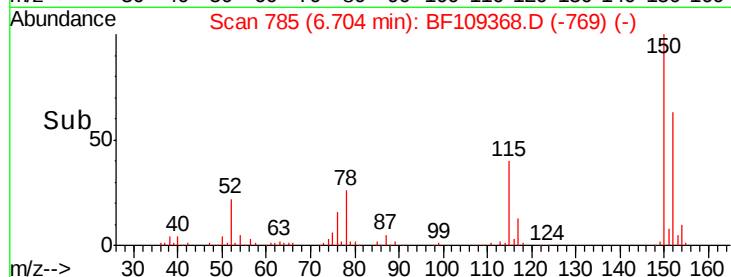
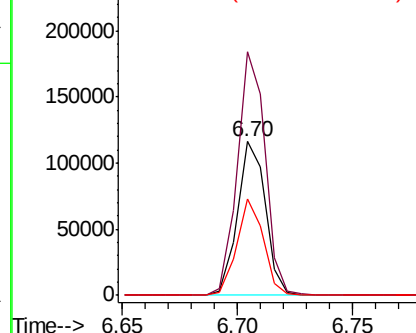
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109368.D
 Acq: 27 Sep 2018 5:49

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

Tgt Ion:152 Resp: 98372
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 62.7 50.1 75.1

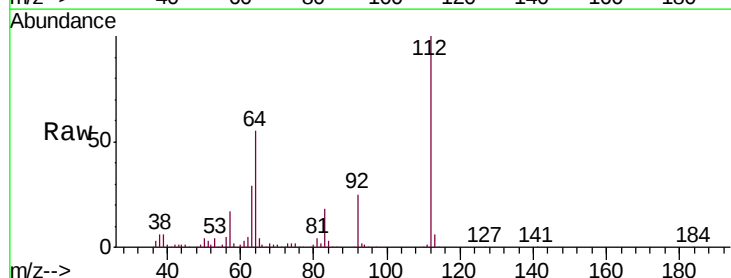


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

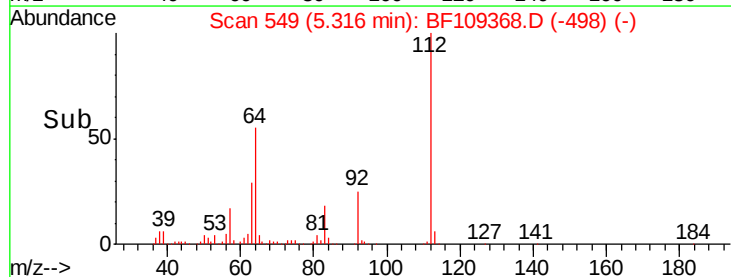
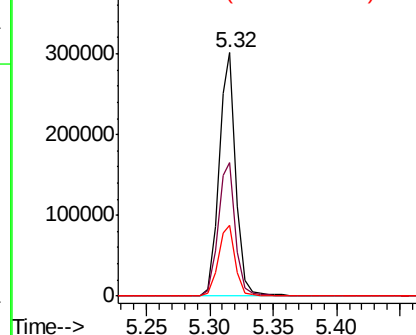


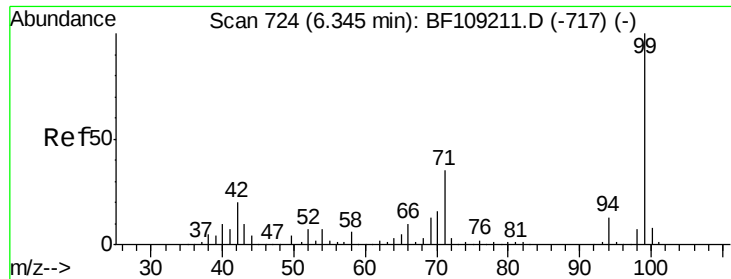
#5
 2-Fluorophenol
 Concen: 47.187 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109368.D
 Acq: 27 Sep 2018 5:49

Tgt Ion:112 Resp: 281826
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.9 71.9
 63 29.0 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: 33.989 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109368.D

Acq: 27 Sep 2018 5:49

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BNA_F

ClientSampleId :

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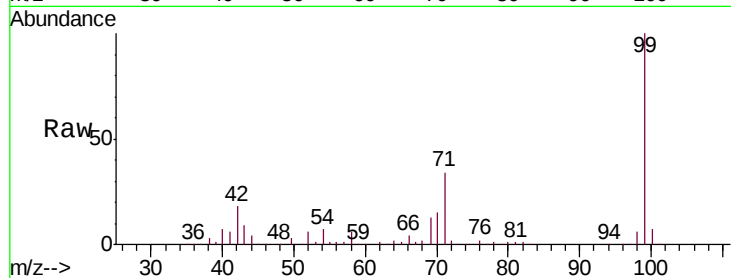
Tgt Ion: 99 Resp: 259035

Ion Ratio Lower Upper

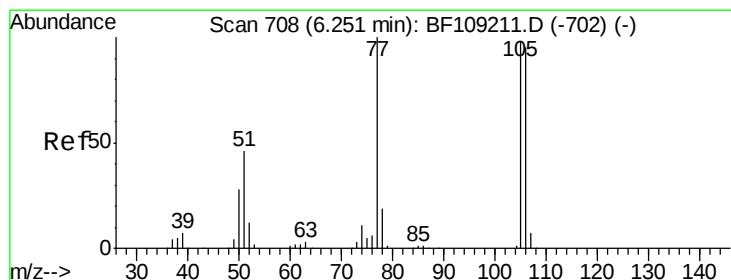
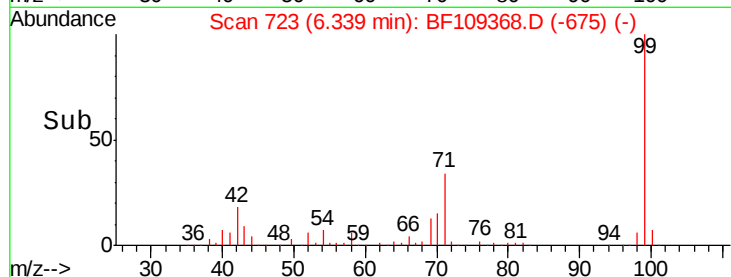
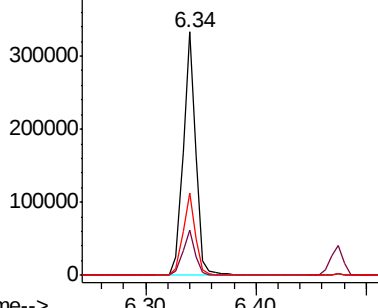
99 100

42 18.4 14.5 21.7

71 34.0 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: 2.226 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

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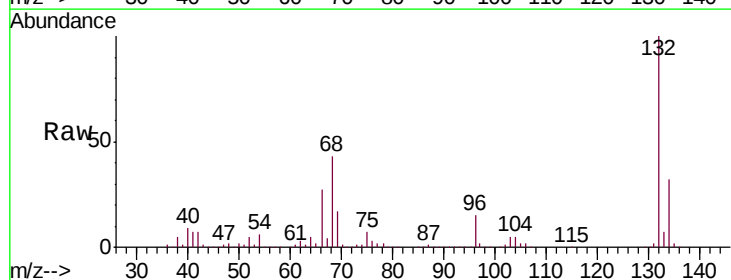
Tgt Ion: 77 Resp: 10896

Ion Ratio Lower Upper

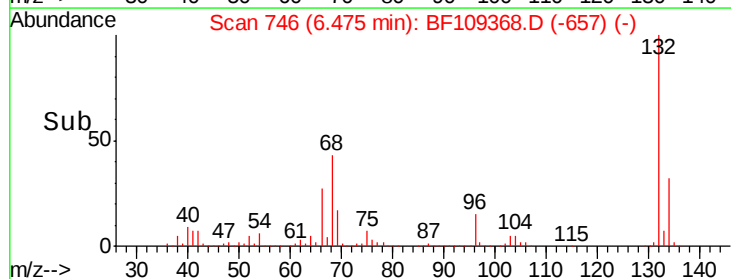
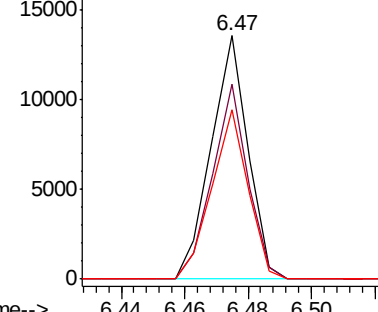
77 100

105 79.9 81.1 121.1#

106 69.6 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

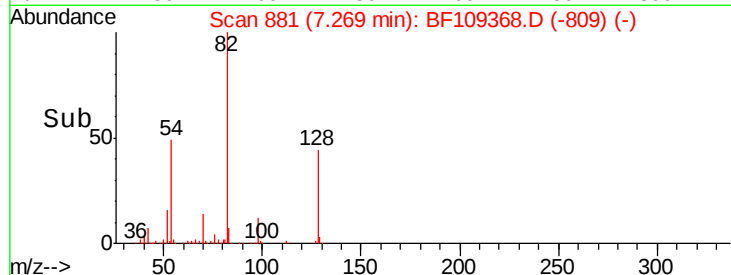
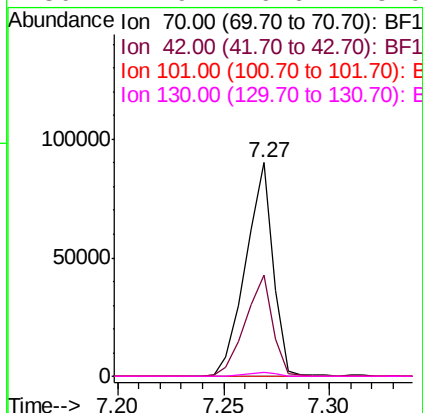
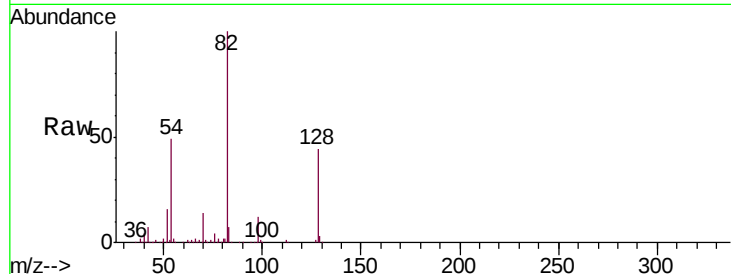




#19
n-Nitroso-di-n-propylamine
Concen: 16.327 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109368.D
Acq: 27 Sep 2018 5:49

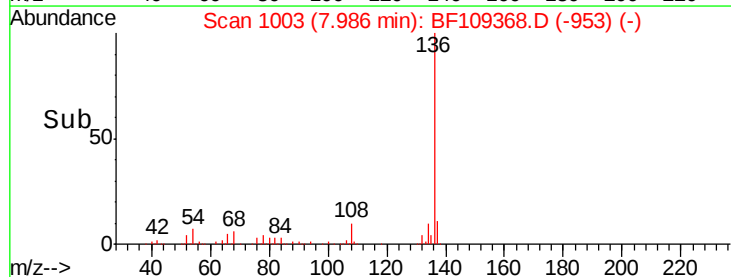
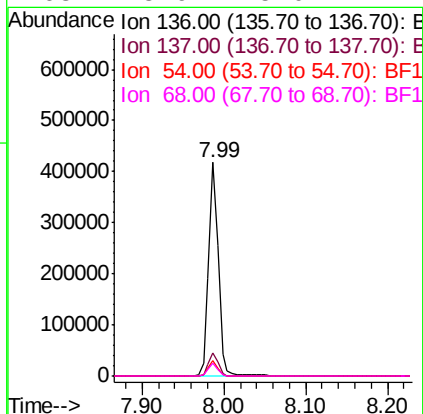
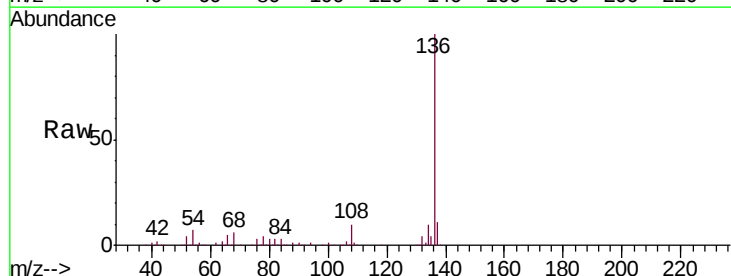
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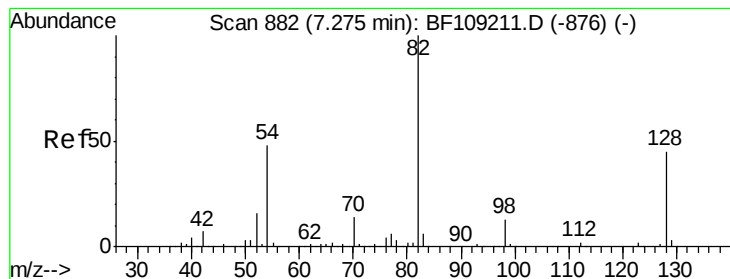
Tgt Ion:	70	Resp:	81536
Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109368.D
Acq: 27 Sep 2018 5:49

Tgt Ion:	136	Resp:	343871
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.9	5.0	7.4





#23

Nitrobenzene-d5

Concen: 104.482 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109368.D

Acq: 27 Sep 2018 5:49

Instrument :

BNA_F

ClientSampleId :

092118-SIDI-F-U-B

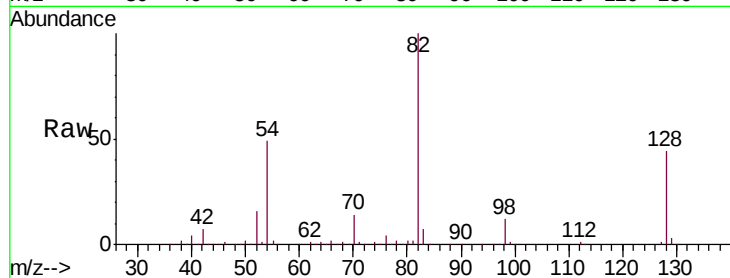
Tgt Ion: 82 Resp: 608628

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

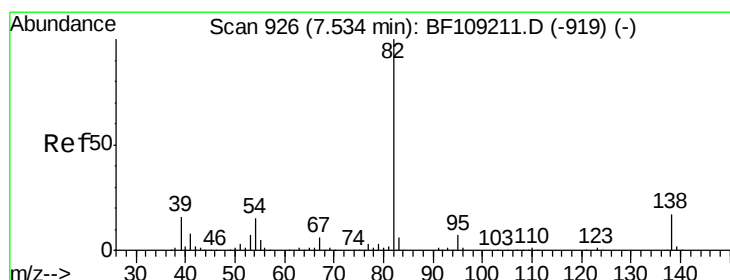
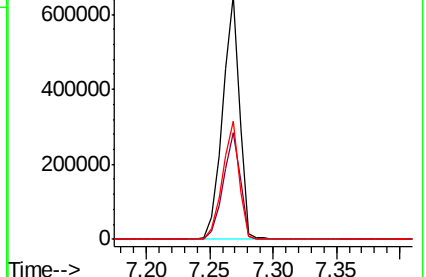
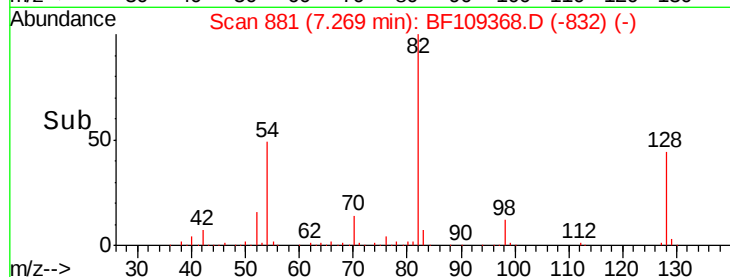
54 48.7 41.4 62.2



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: 55.519 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109368.D

Acq: 27 Sep 2018 5:49

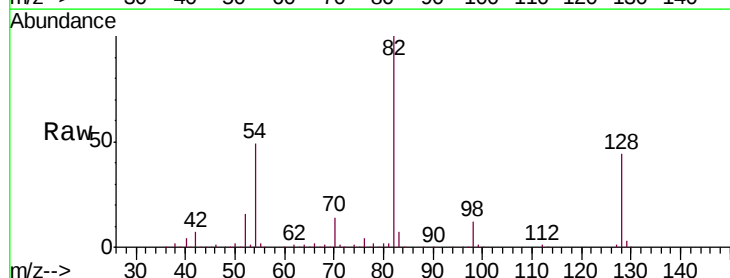
Tgt Ion: 82 Resp: 582375

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

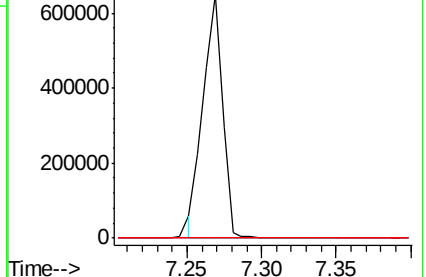
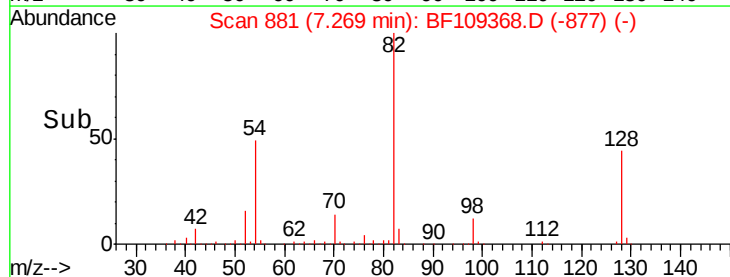
138 0.0 14.9 22.3#

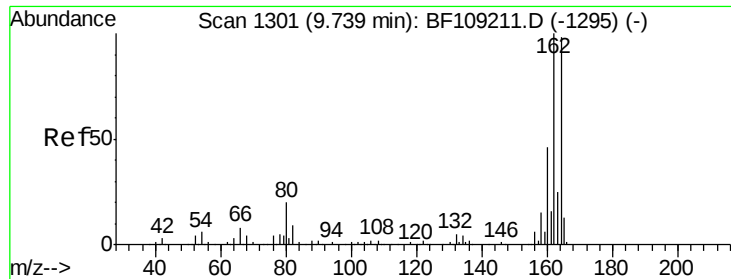


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

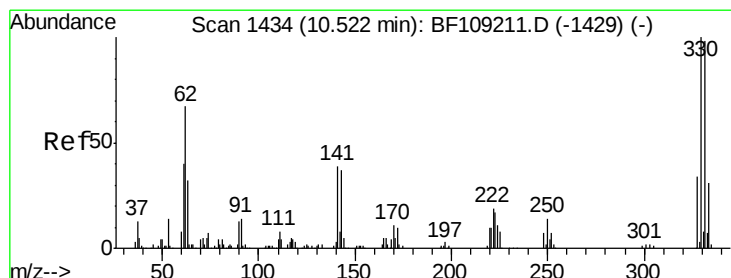
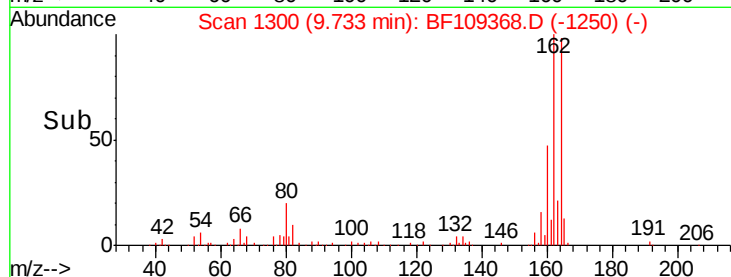
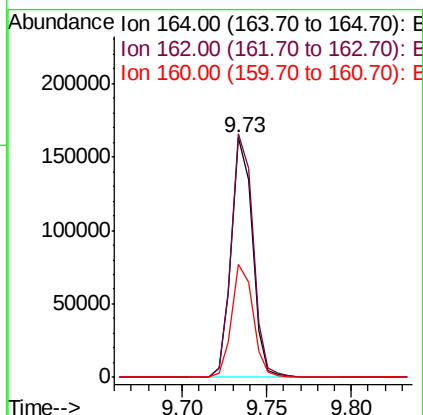
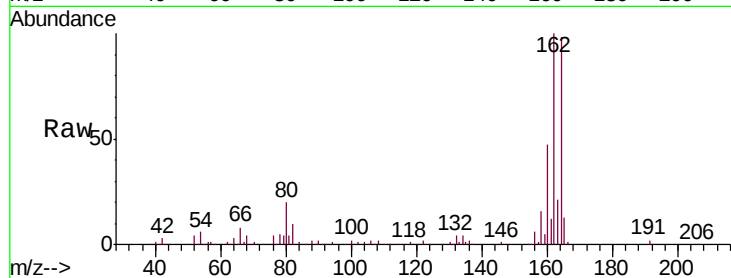




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109368.D
 Acq: 27 Sep 2018 5:49

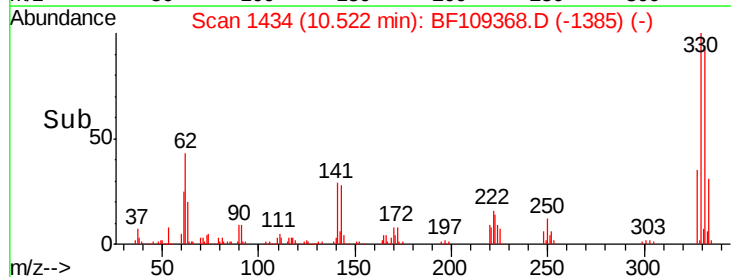
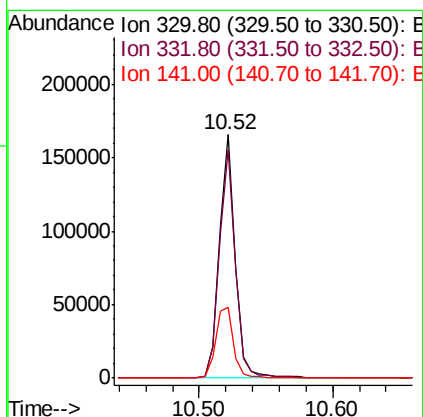
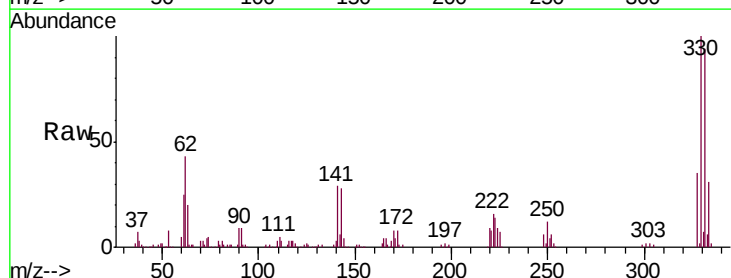
Instrument :
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Tgt Ion:164 Resp: 141856
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 47.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 99.774 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109368.D
 Acq: 27 Sep 2018 5:49

Tgt Ion:330 Resp: 139525
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.3 29.9 44.9

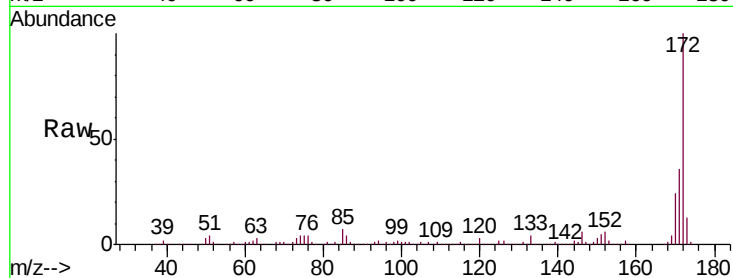




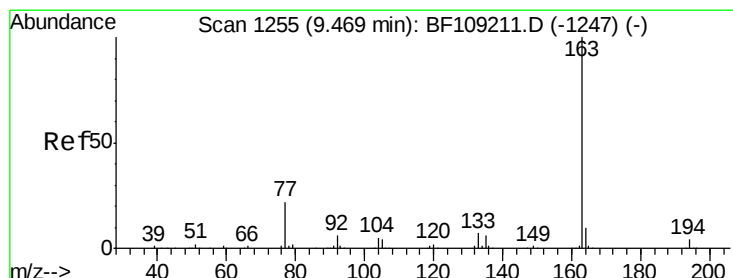
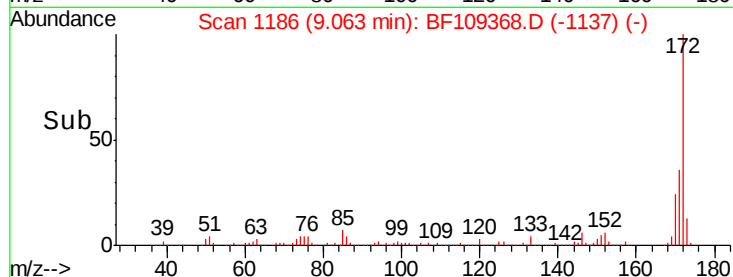
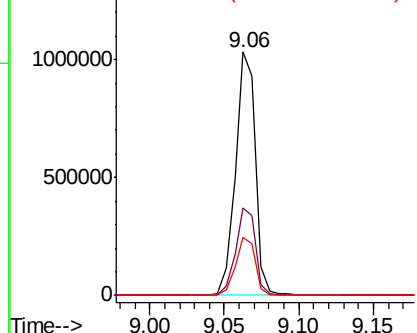
#44
2-Fluorobiphenyl
Concen: 103.478 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109368.D
Acq: 27 Sep 2018 5:49

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

Tgt Ion:172 Resp: 973279
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.1 19.6 29.4

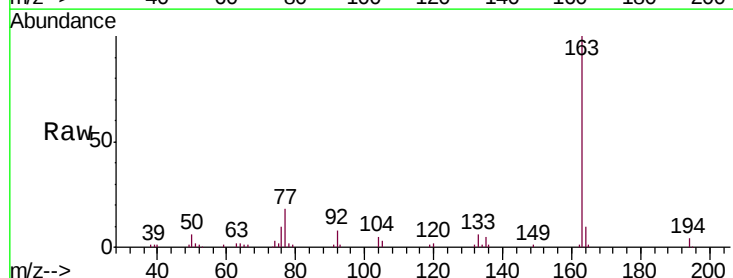


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

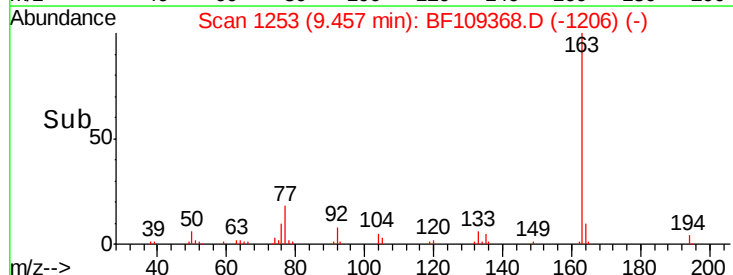
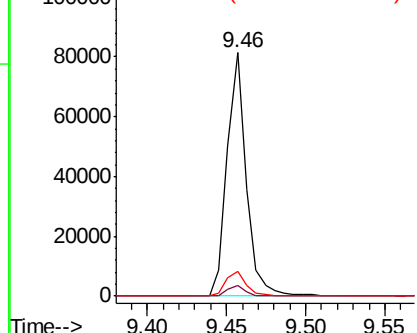


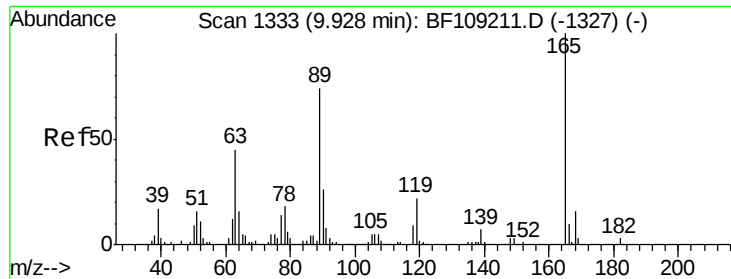
#49
Dimethylphthalate
Concen: 6.607 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109368.D
Acq: 27 Sep 2018 5:49

Tgt Ion:163 Resp: 68164
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.9 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

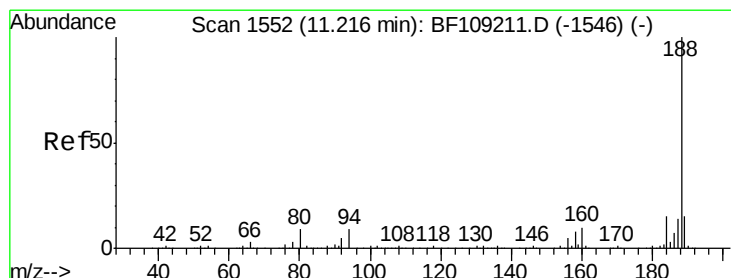
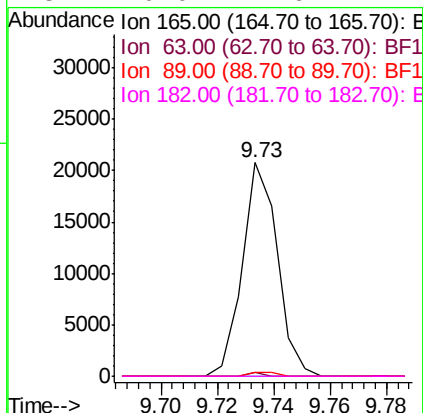
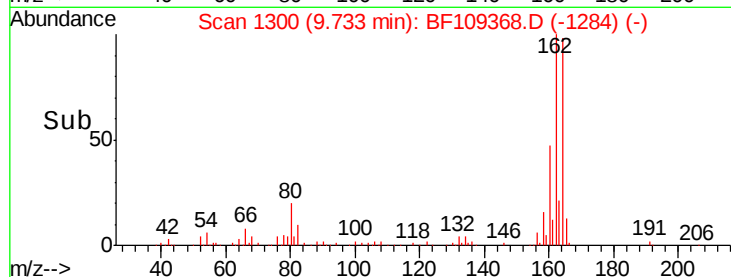
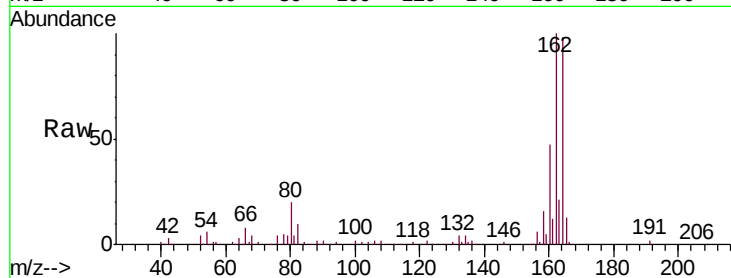




#56
2,4-Dinitrotoluene
Concen: 6.890 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109368.D
Acq: 27 Sep 2018 5:49

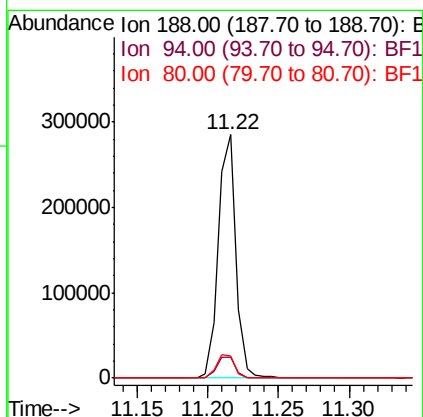
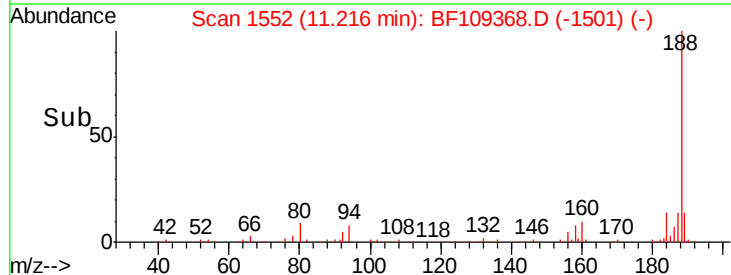
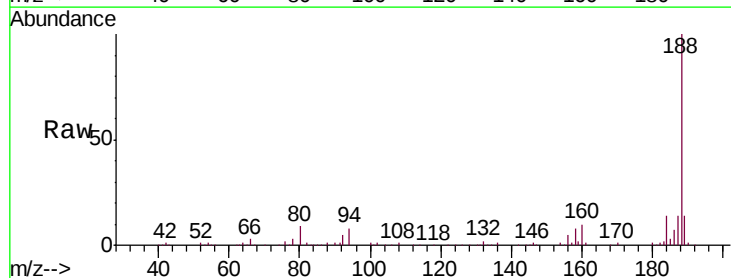
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ClientSampleId :
092118-SIDI-F-U-B

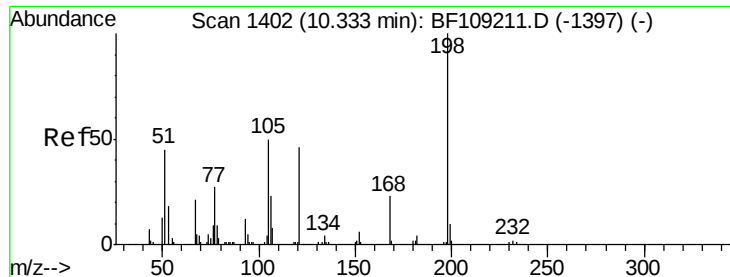
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109368.D
Acq: 27 Sep 2018 5:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.9	9.2	13.8#

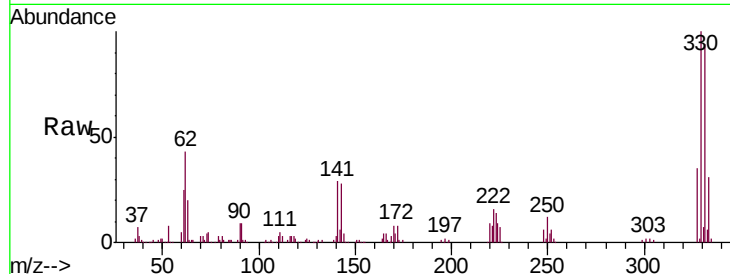




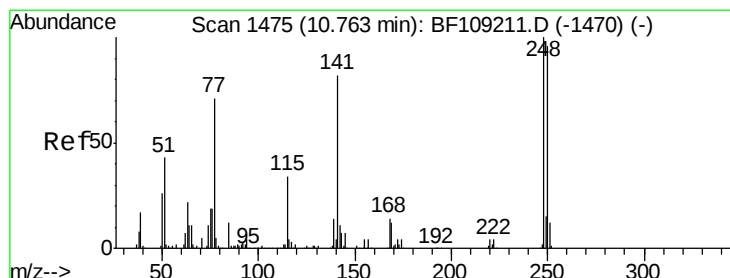
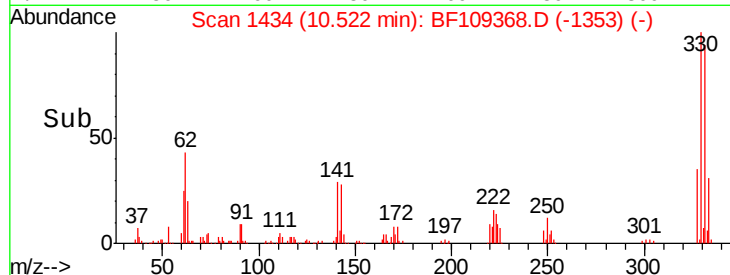
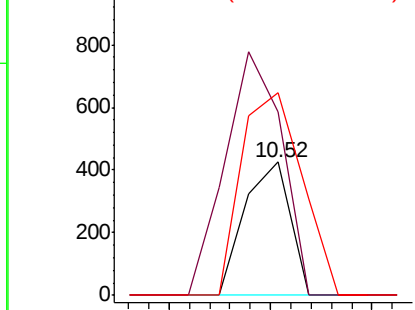
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.751 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109368.D
 Acq: 27 Sep 2018 5:49

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

Tgt Ion:198 Resp: 265
 Ion Ratio Lower Upper
 198 100
 51 137.3 37.7 77.7#
 105 151.4 36.3 76.3#

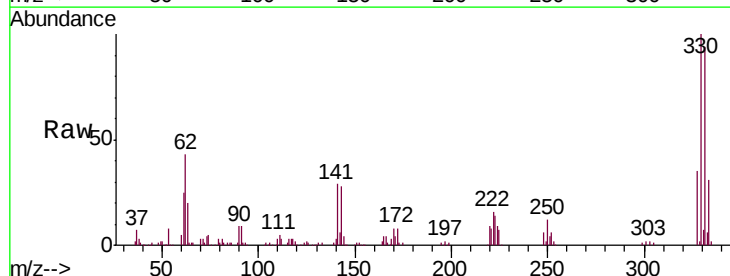


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

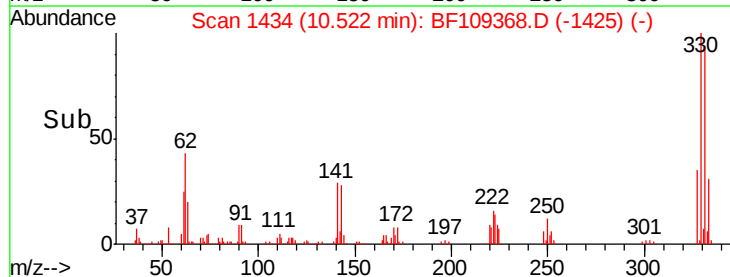
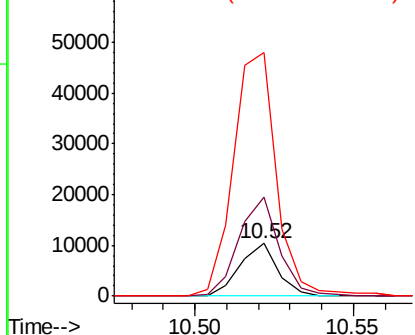


#66
 4-Bromophenyl-phenylether
 Concen: 3.117 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109368.D
 Acq: 27 Sep 2018 5:49

Tgt Ion:248 Resp: 8549
 Ion Ratio Lower Upper
 248 100
 250 189.0 76.9 115.3#
 141 464.7 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: BF109368.D

Acq: 27 Sep 2018 5:49

Instrument :

BNA_F

ClientSampleId :

092118-SIDI-F-U-B

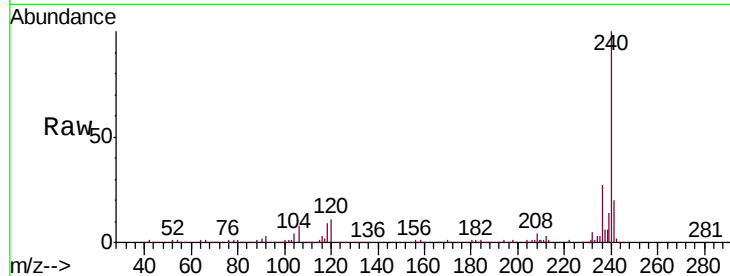
Tgt Ion:240 Resp: 264915

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

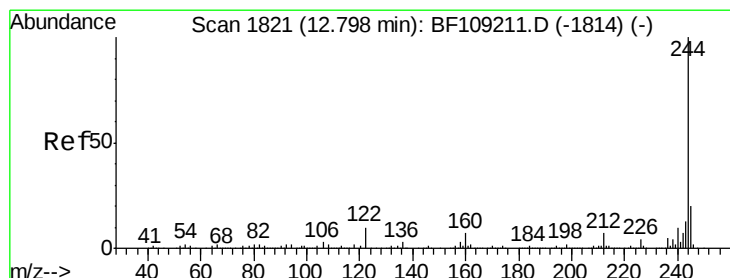
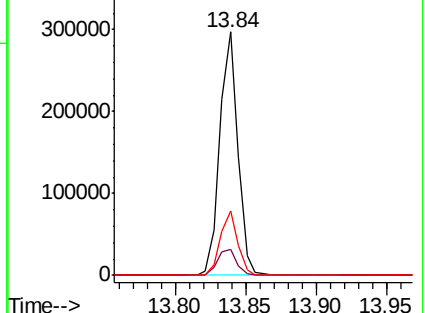
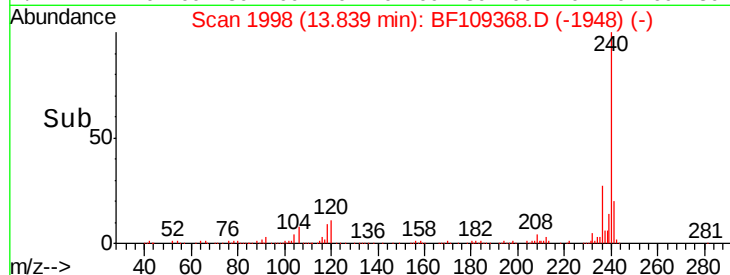
236 26.6 20.7 31.1



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: 89.433 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109368.D

Acq: 27 Sep 2018 5:49

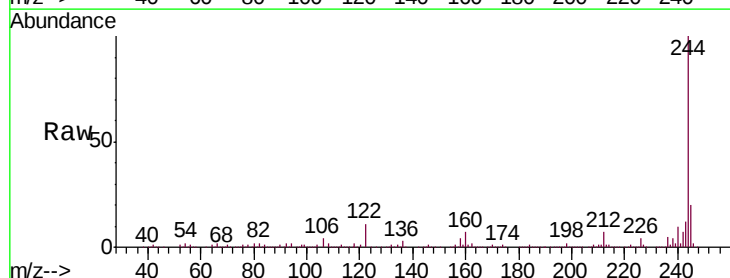
Tgt Ion:244 Resp: 965382

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

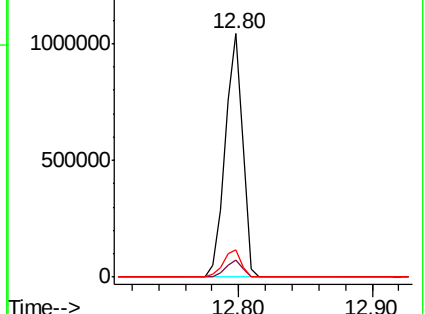
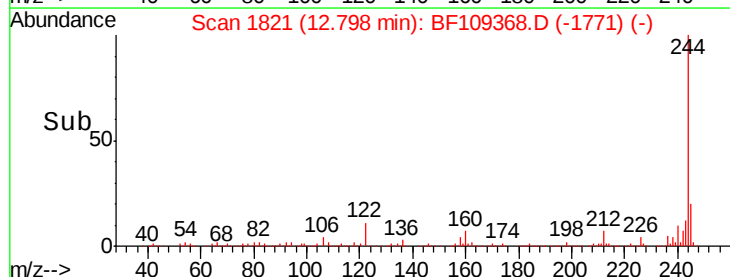
122 11.1 11.0 16.4

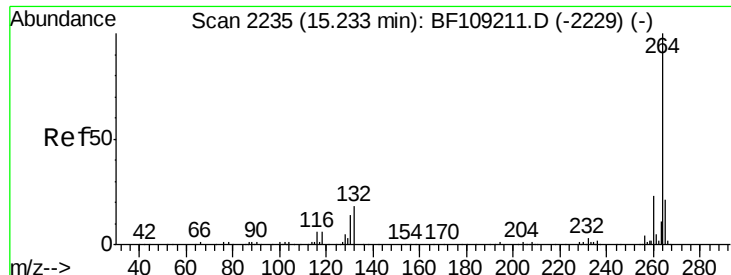


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109368.D
Acq: 27 Sep 2018 5:49

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

