

Data File : BF109367.D
Acq On : 27 Sep 2018 5:22
Operator : JU/SJ
Sample : J5051-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Sep 27 07:32:35 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	101544	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	360979	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	152835	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	268722	20.00	ng	0.00
75) Chrysene-d12	13.84	240	282921	20.00	ng	0.00
86) Perylene-d12	15.24	264	257621	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	261406	42.40	ng	0.00
7) Phenol-d6	6.34	99	203887	25.92	ng	-0.02
23) Nitrobenzene-d5	7.27	82	616554	100.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	149504	99.23	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	966903	95.42	ng	-0.01
78) Terphenyl-d14	12.80	244	1002280	86.94	ng	0.00

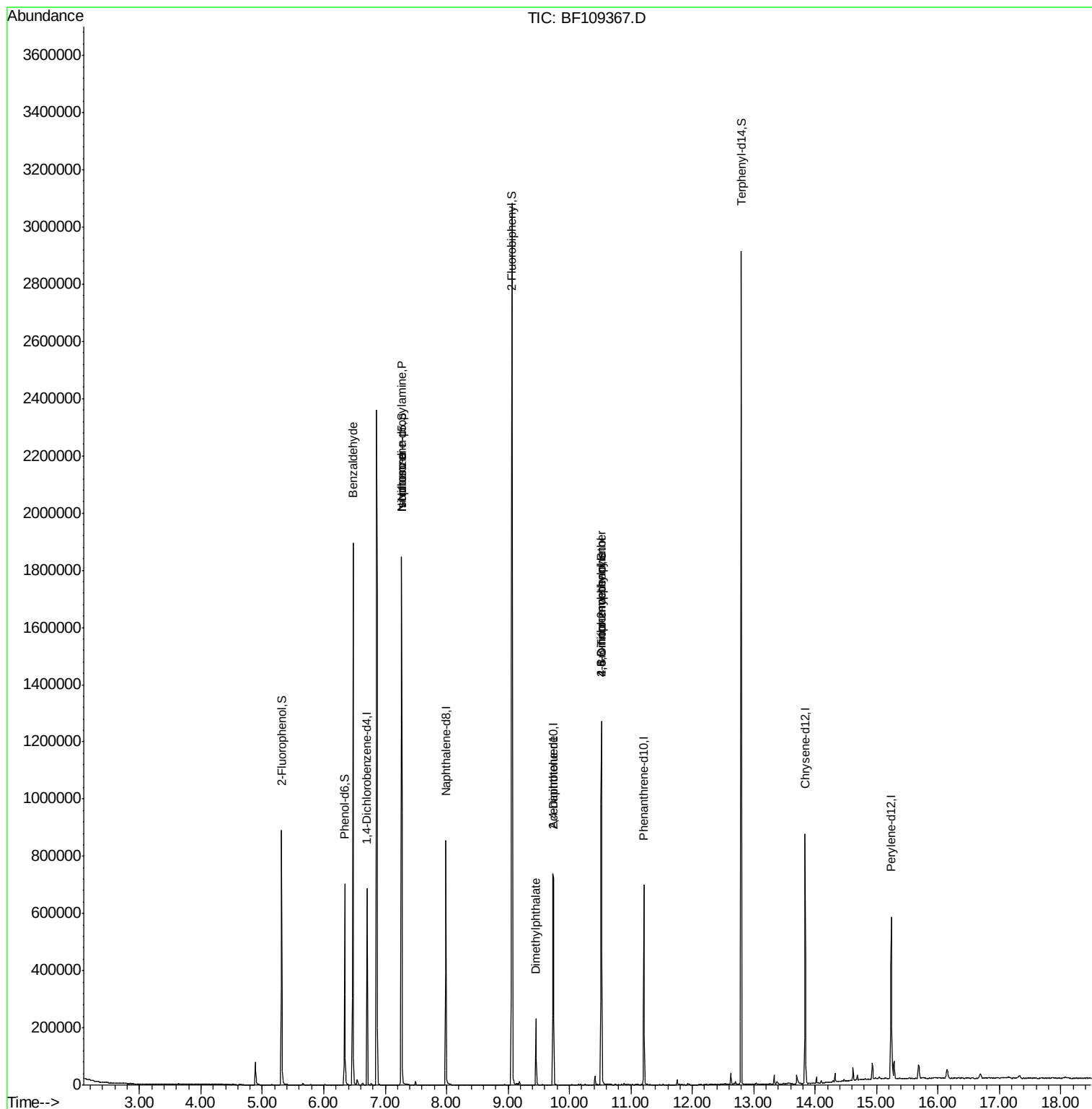
Target Compounds				Qvalue		
9) Benzaldehyde	6.47	77	10724	2.122	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	82018	15.911	ng	# 78
25) Isophorone	7.27	82	593252	53.875	ng	# 64
49) Dimethylphthalate	9.46	163	93209	8.385	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	19227	6.902	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	137	6.630	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8823	2.957	ng	# 1

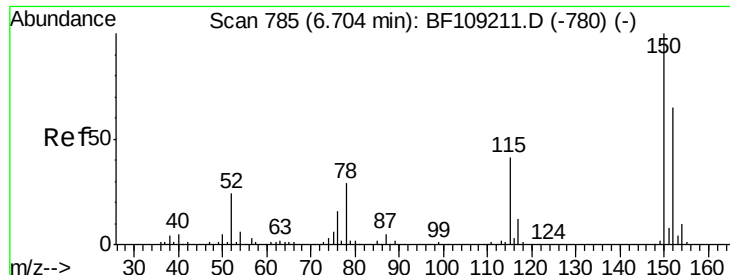
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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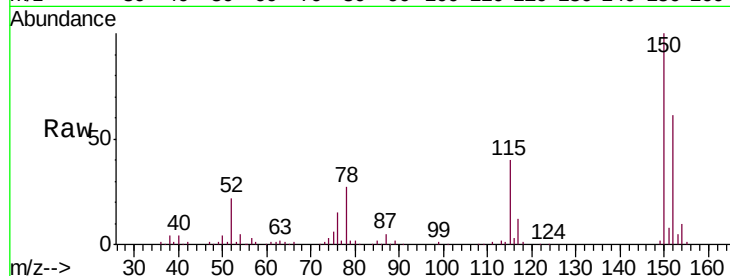


#1

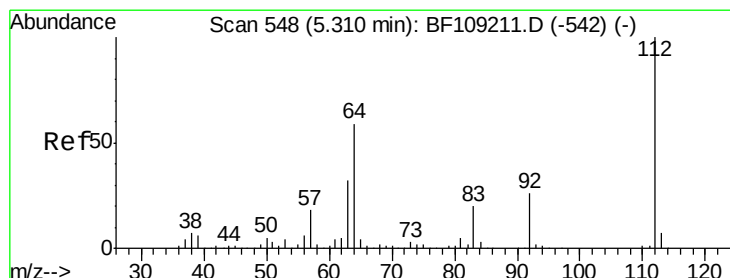
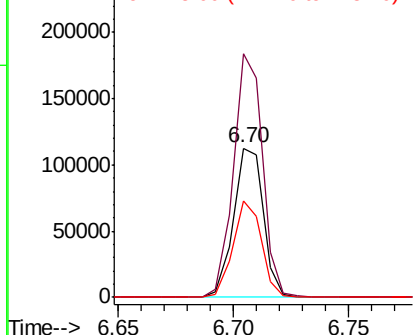
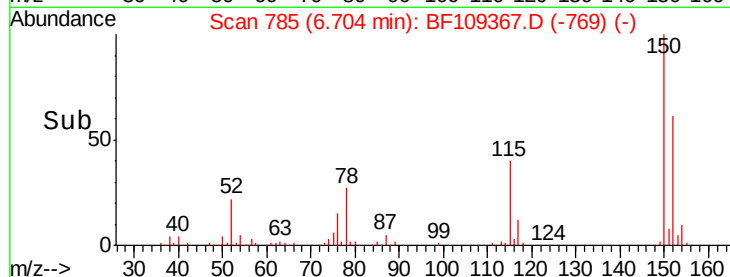
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109367.D
 Acq: 27 Sep 2018 5:22

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.6	186.8
115	64.4	50.1	75.1



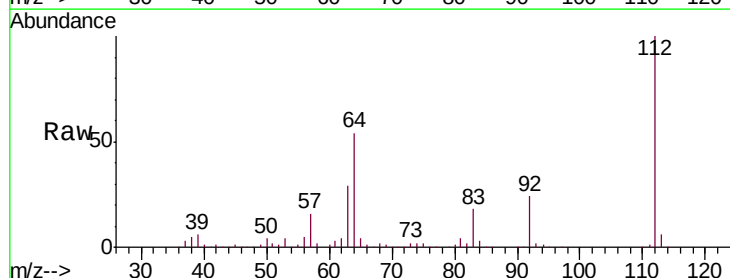
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



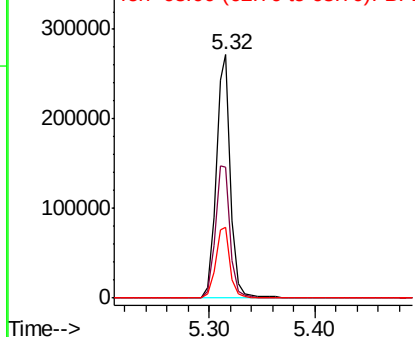
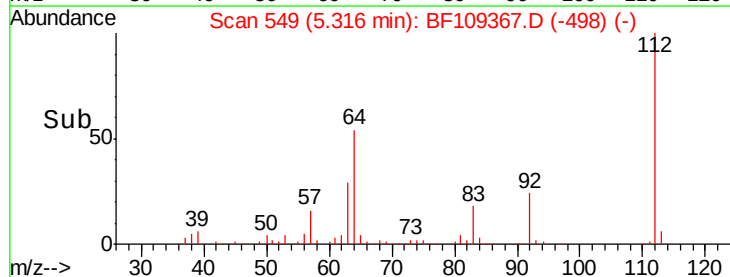
#5

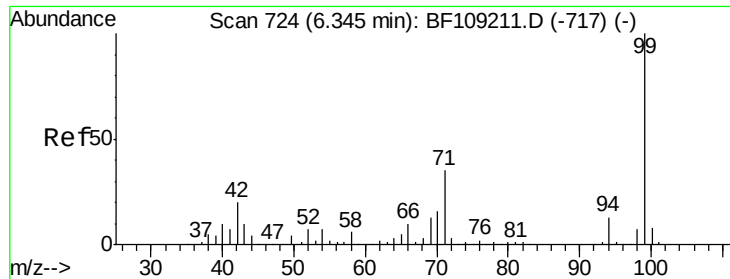
2-Fluorophenol
 Concen: 42.401 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109367.D
 Acq: 27 Sep 2018 5:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	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: 25.917 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109367.D

Acq: 27 Sep 2018 5:22

Instrument :

BNA_F

ClientSampleId :

092118-SIDI-F-D-S

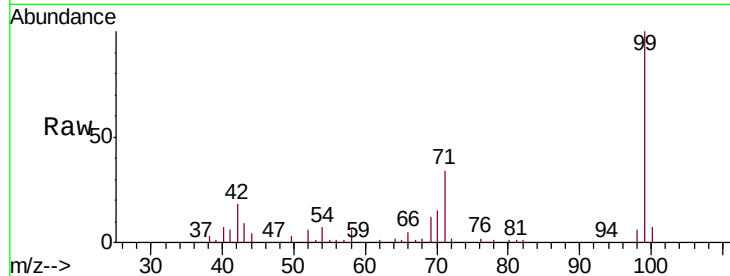
Tgt Ion: 99 Resp: 203887

Ion Ratio Lower Upper

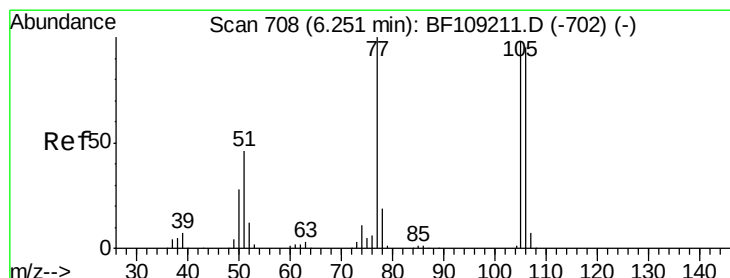
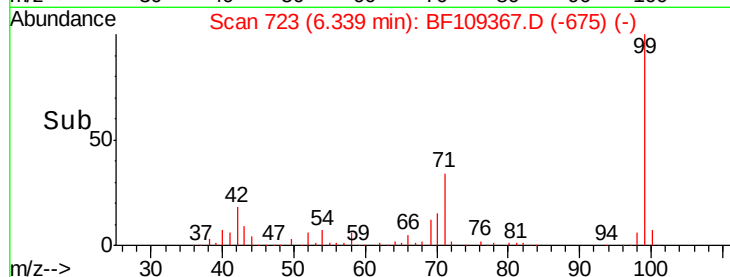
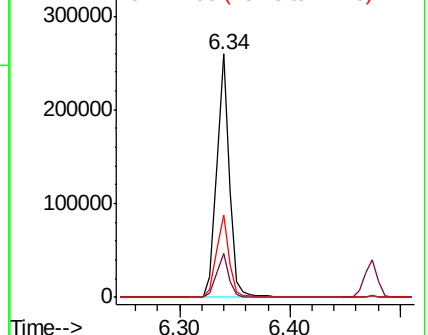
99 100

42 18.0 14.5 21.7

71 33.6 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: 2.122 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109367.D

Acq: 27 Sep 2018 5:22

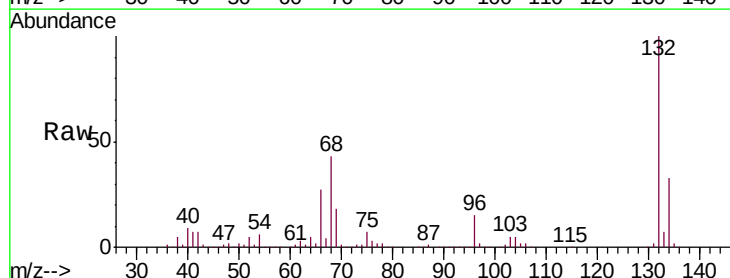
Tgt Ion: 77 Resp: 10724

Ion Ratio Lower Upper

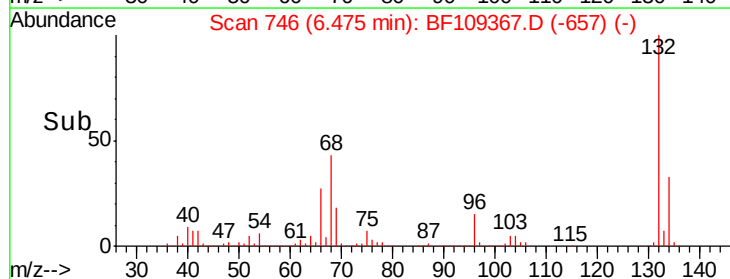
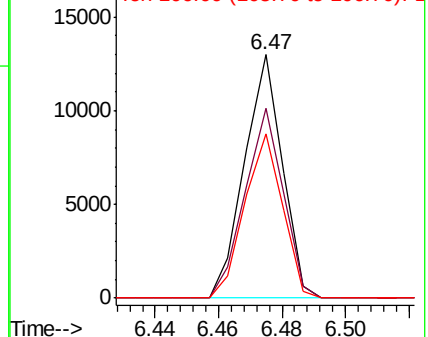
77 100

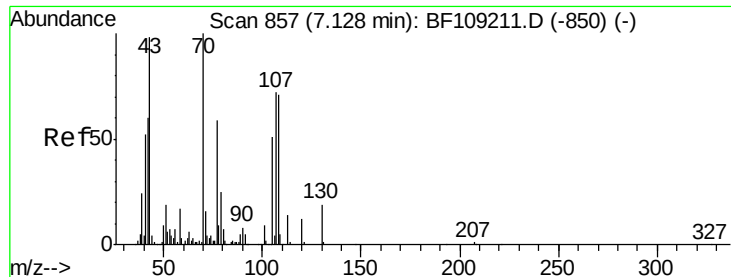
105 78.0 81.1 121.1#

106 67.5 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

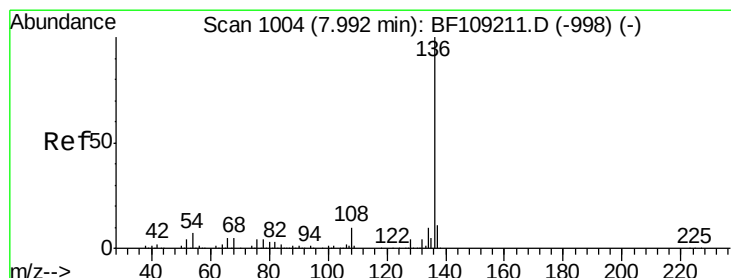
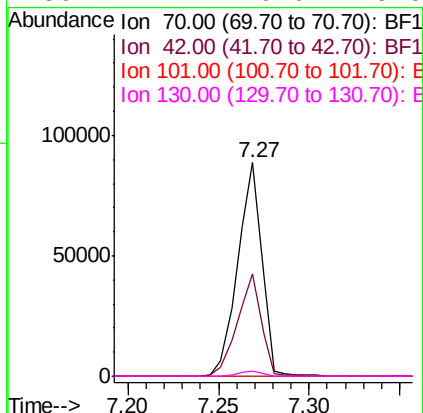
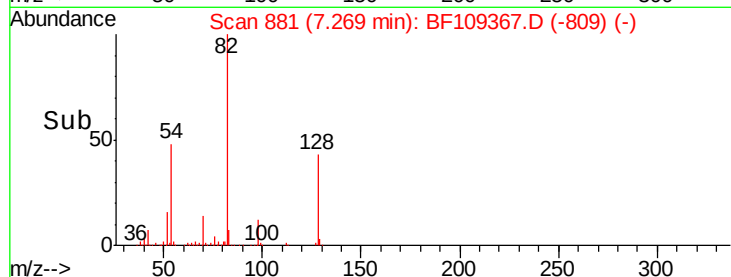
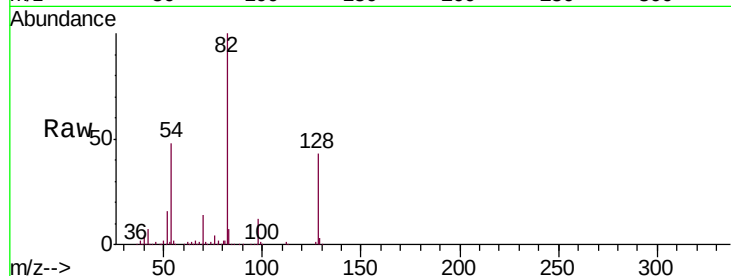




#19
n-Nitroso-di-n-propylamine
Concen: 15.911 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109367.D
Acq: 27 Sep 2018 5:22

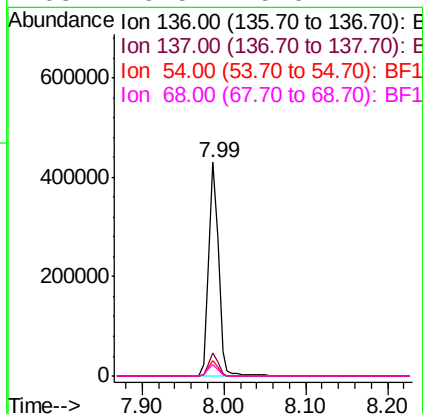
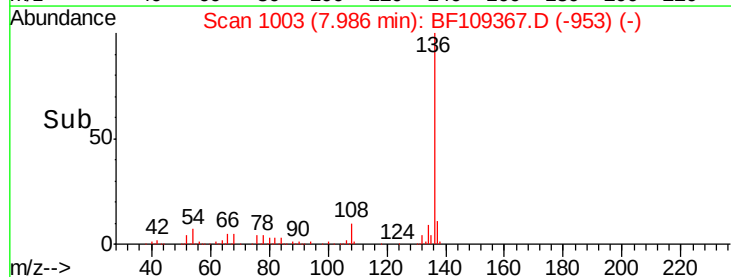
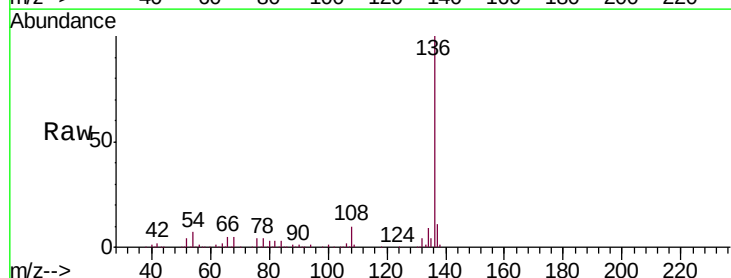
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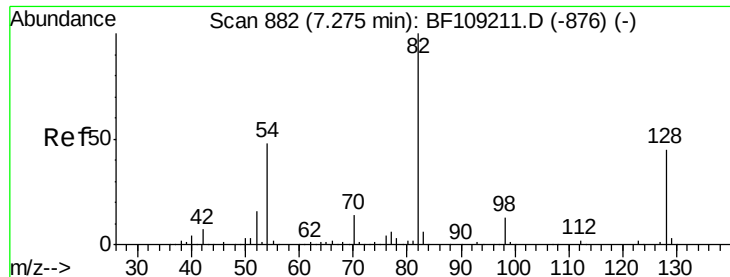
Tgt Ion: 70 Resp: 82018
Ion Ratio Lower Upper
70 100
42 48.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109367.D
Acq: 27 Sep 2018 5:22

Tgt Ion: 136 Resp: 360979
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.1 6.6 9.8
68 5.5 5.0 7.4

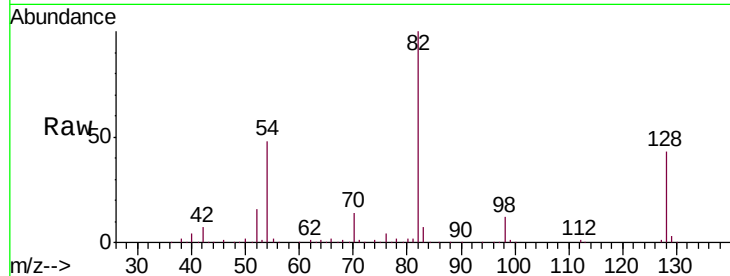




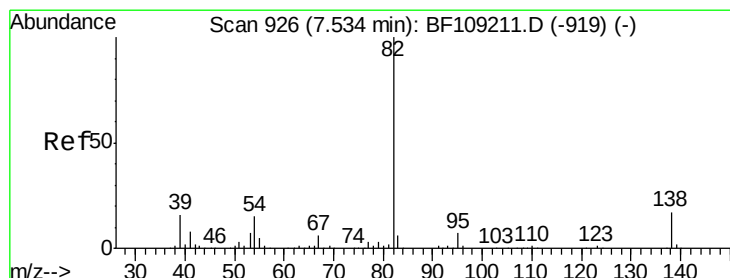
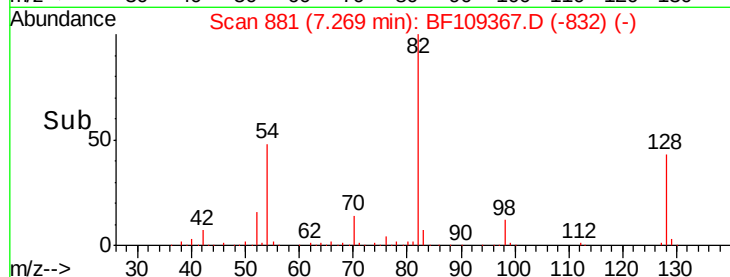
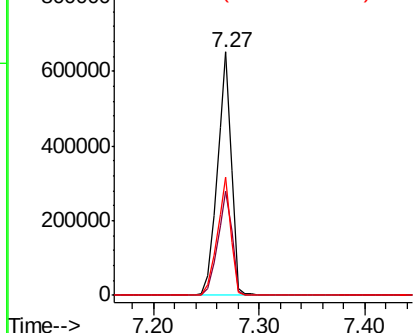
#23
 Nitrobenzene-d5
 Concen: 100.826 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109367.D
 Acq: 27 Sep 2018 5:22

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

Tgt Ion: 82 Resp: 616554
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.1 54.1
 54 48.5 41.4 62.2

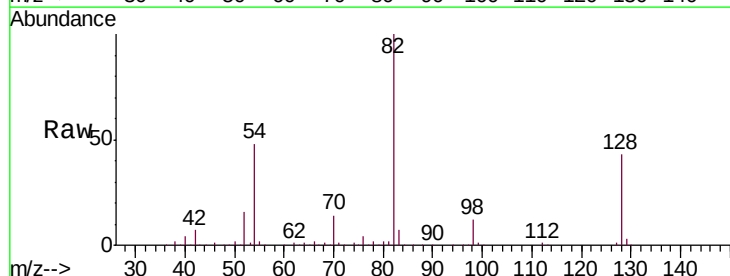


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

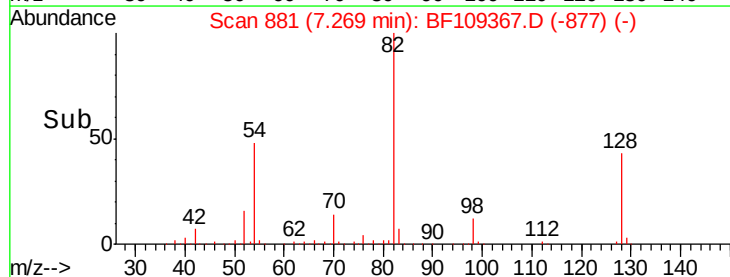
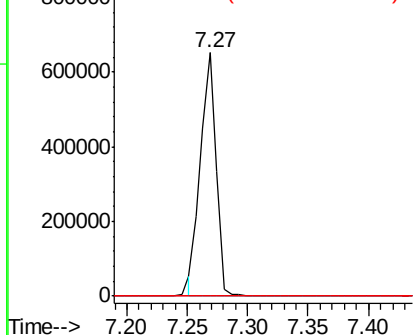


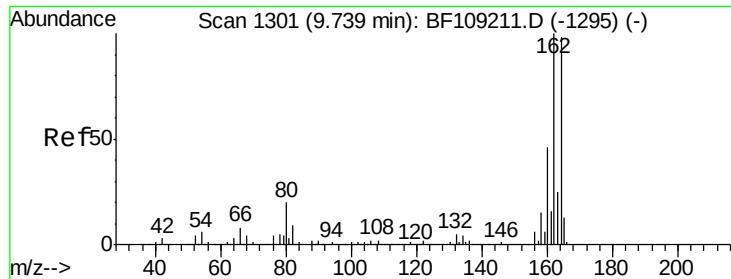
#25
 Isophorone
 Concen: 53.875 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109367.D
 Acq: 27 Sep 2018 5:22

Tgt Ion: 82 Resp: 593252
 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: BF109367.D

Acq: 27 Sep 2018 5:22

Instrument :

BNA_F

ClientSampleId :

092118-SIDI-F-D-S

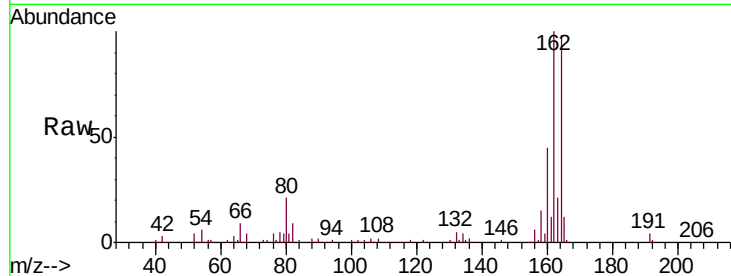
Tgt Ion:164 Resp: 152835

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

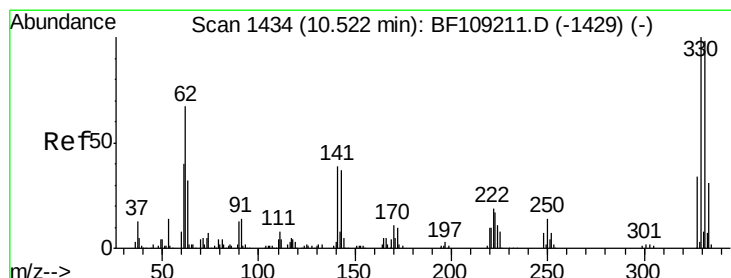
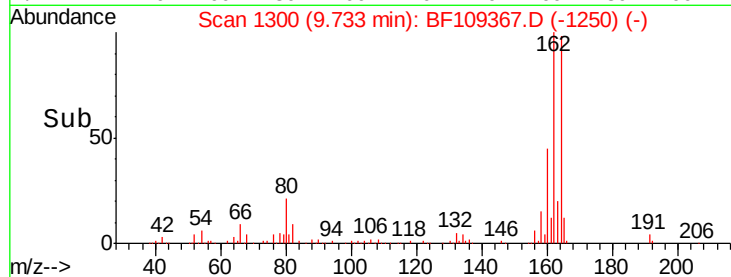
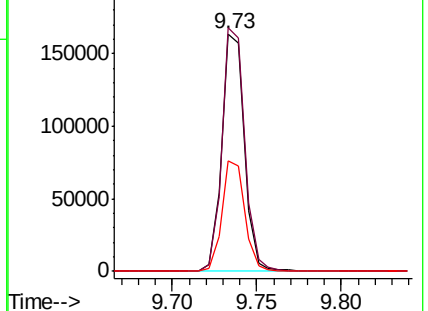
160 46.3 38.3 57.5



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: 99.230 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109367.D

Acq: 27 Sep 2018 5:22

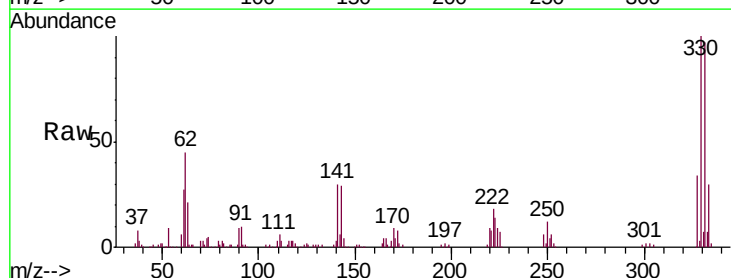
Tgt Ion:330 Resp: 149504

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

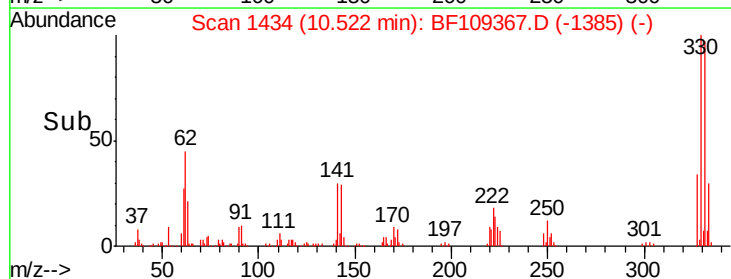
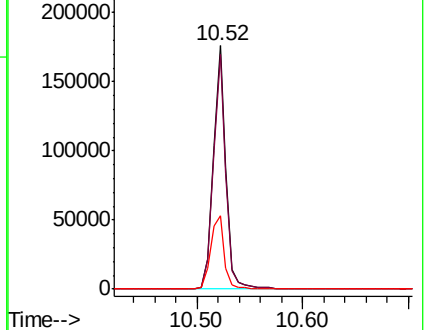
141 32.4 29.9 44.9

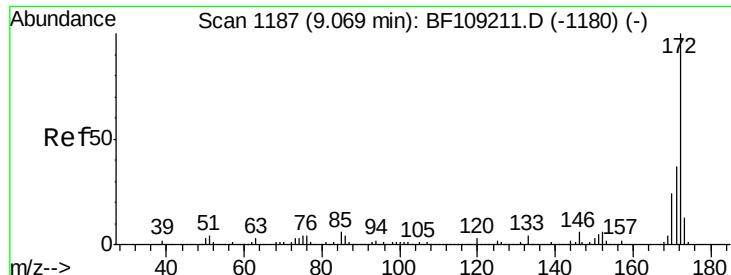


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

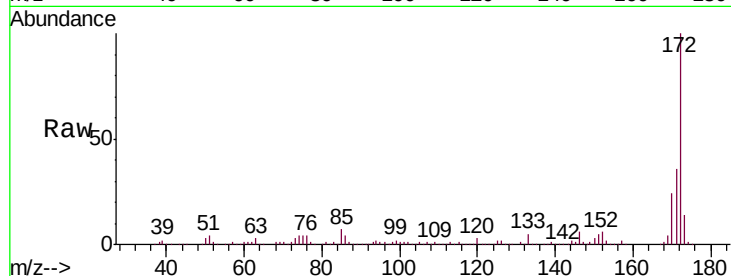




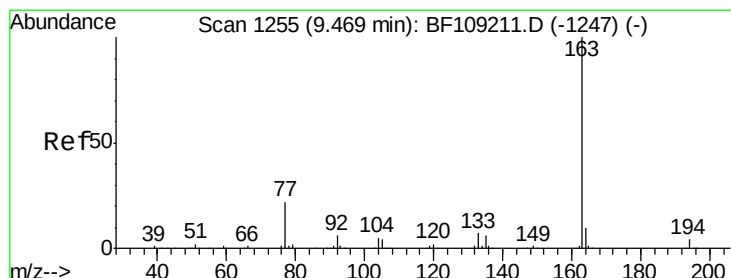
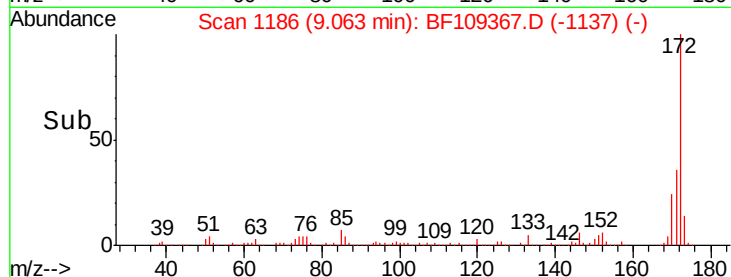
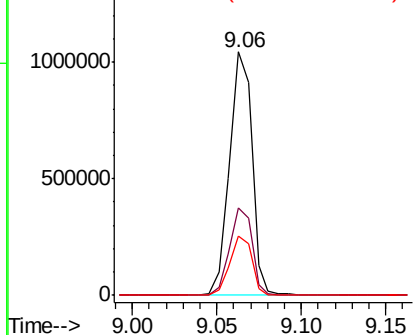
#44
2-Fluorobiphenyl
Concen: 95.415 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109367.D
Acq: 27 Sep 2018 5:22

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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	19.6	29.4

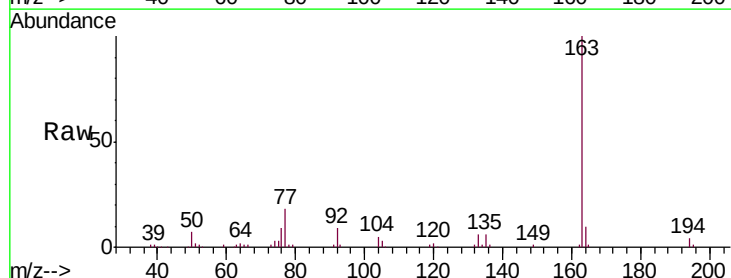


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

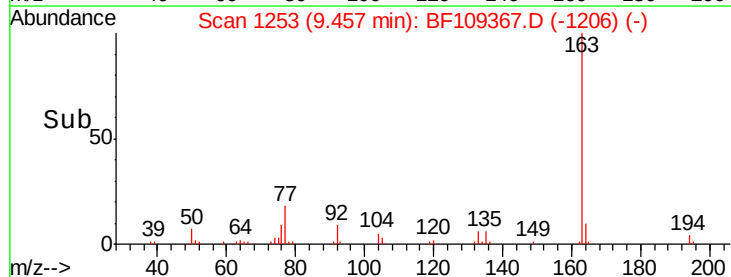
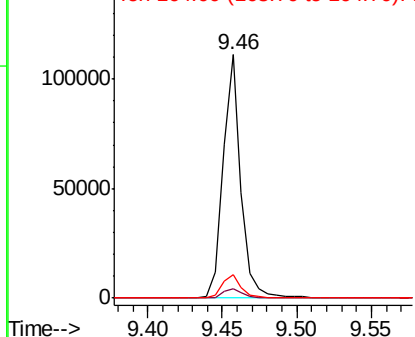


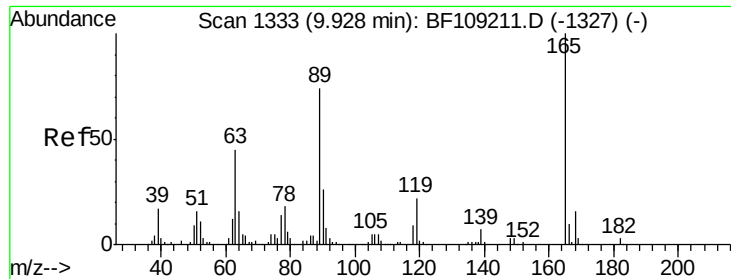
#49
Dimethylphthalate
Concen: 8.385 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109367.D
Acq: 27 Sep 2018 5:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.7	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

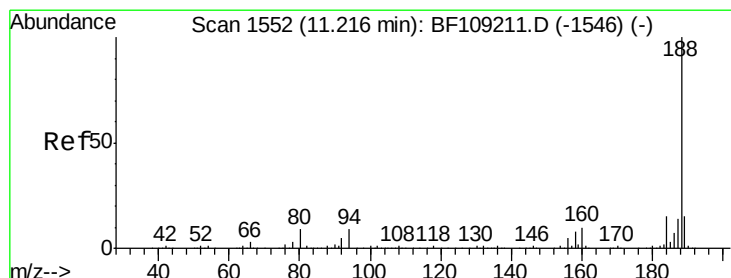
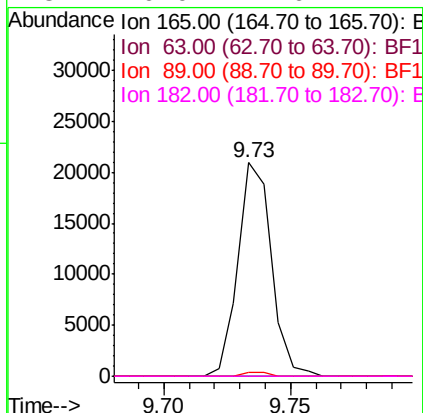
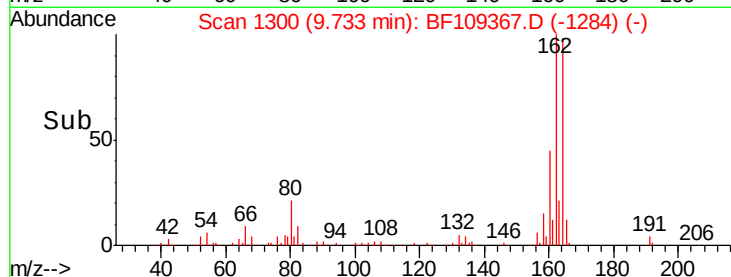
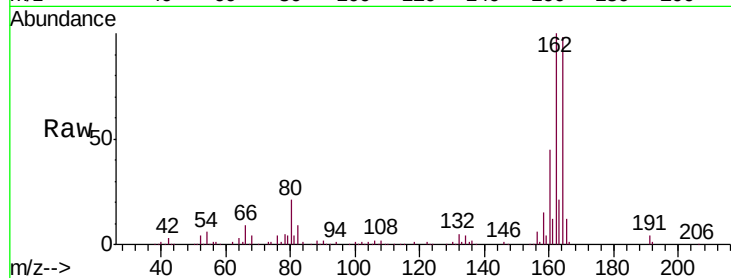




#56
 2,4-Dinitrotoluene
 Concen: 6.902 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109367.D
 Acq: 27 Sep 2018 5:22

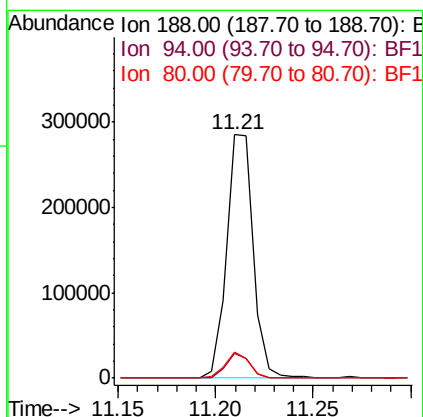
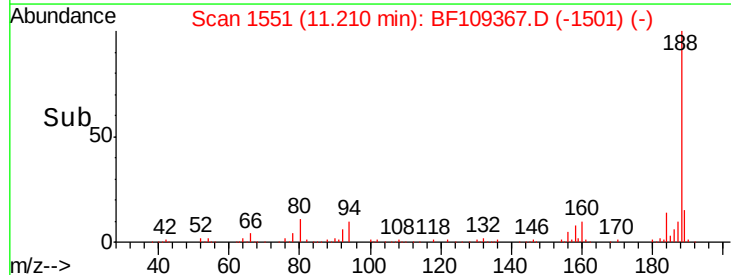
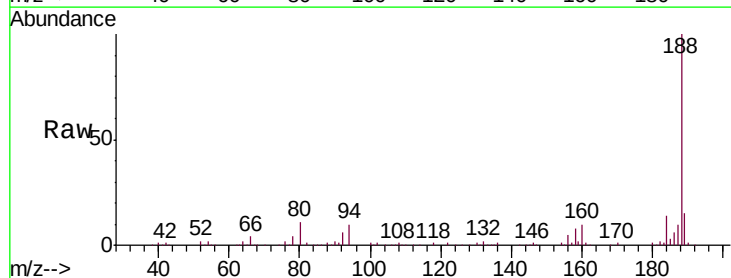
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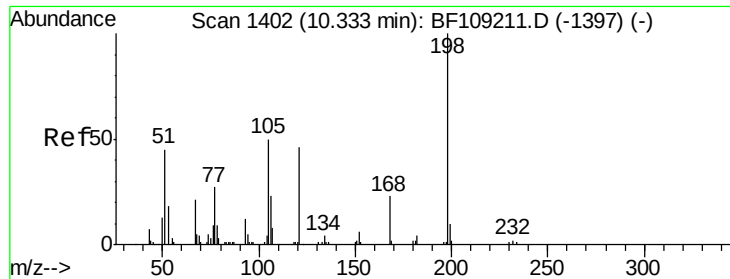
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109367.D
 Acq: 27 Sep 2018 5:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.6	9.2	13.8

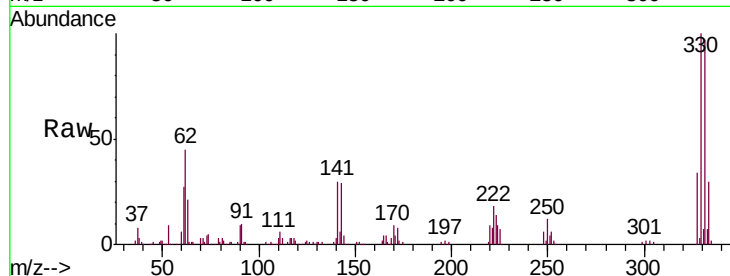




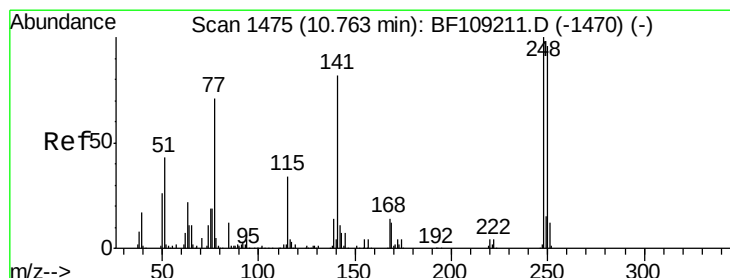
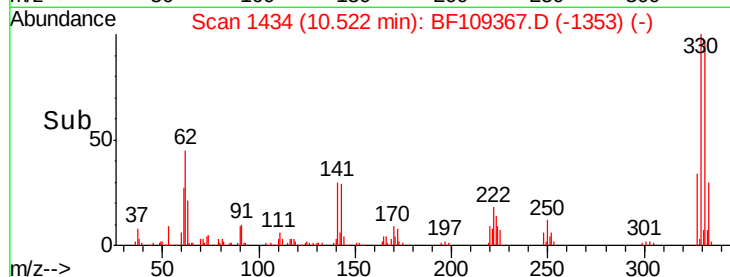
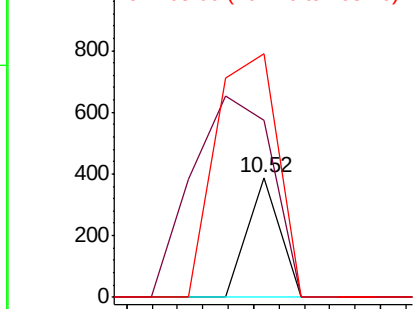
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.630 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109367.D
 Acq: 27 Sep 2018 5:22

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

Tgt Ion:198 Resp: 137
 Ion Ratio Lower Upper
 198 100
 51 147.9 37.7 77.7#
 105 203.4 36.3 76.3#

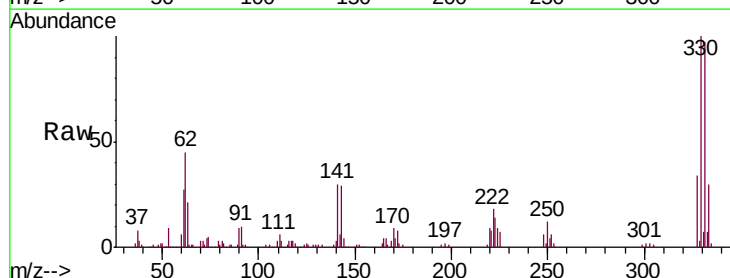


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

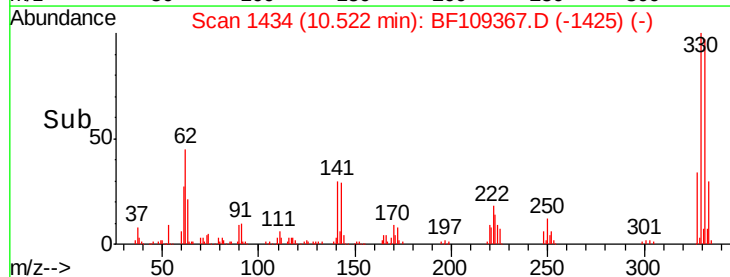
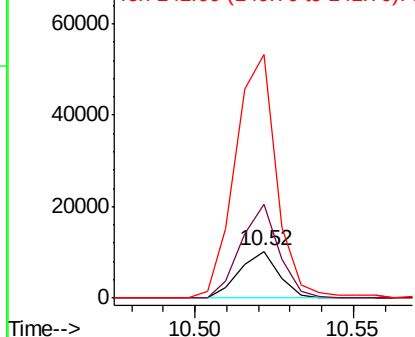


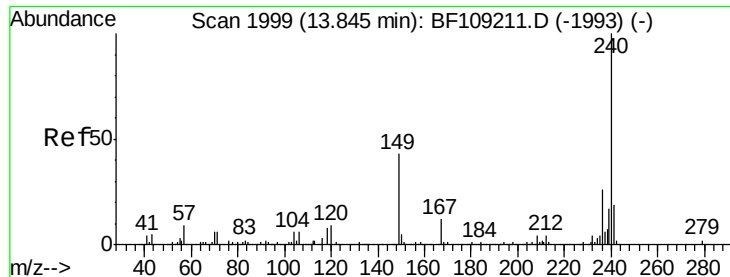
#66
 4-Bromophenyl-phenylether
 Concen: 2.957 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109367.D
 Acq: 27 Sep 2018 5:22

Tgt Ion:248 Resp: 8823
 Ion Ratio Lower Upper
 248 100
 250 199.5 76.9 115.3#
 141 517.9 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: BF109367.D

Acq: 27 Sep 2018 5:22

Instrument :

BNA_F

ClientSampleId :

092118-SIDI-F-D-S

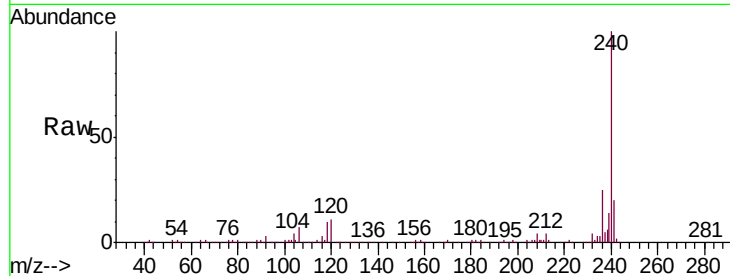
Tgt Ion:240 Resp: 282921

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

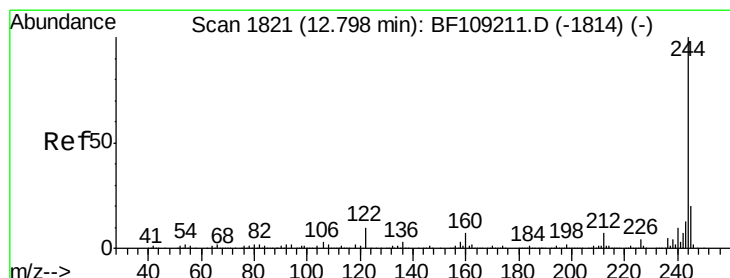
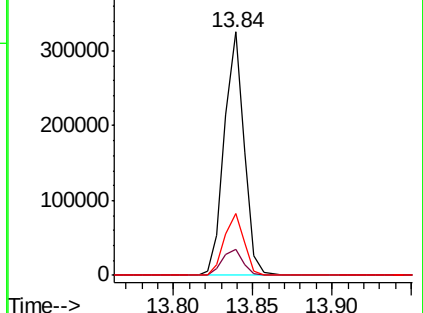
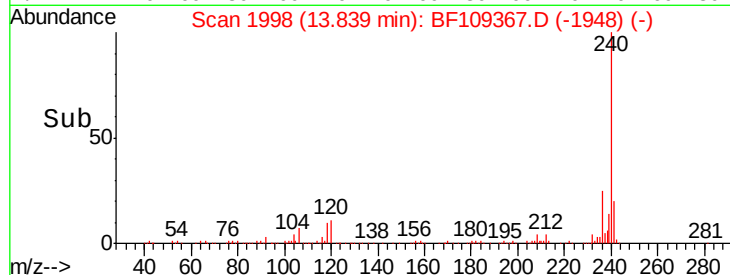
236 25.4 20.7 31.1



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: 86.942 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109367.D

Acq: 27 Sep 2018 5:22

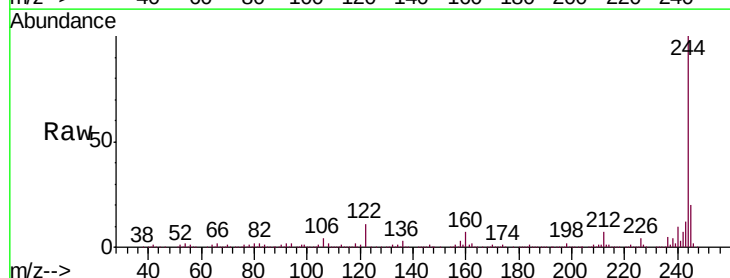
Tgt Ion:244 Resp: 1002280

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

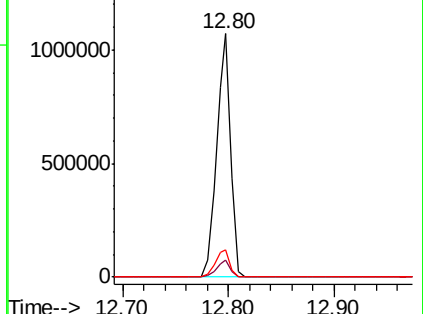
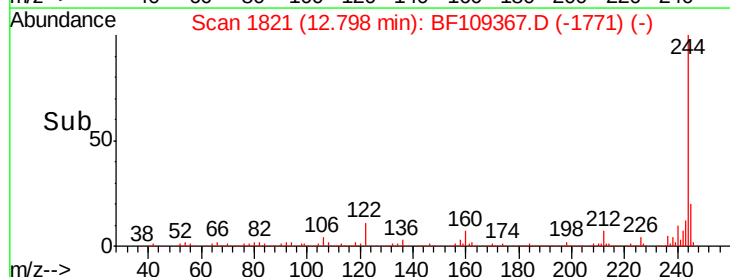
122 11.0 11.0 16.4

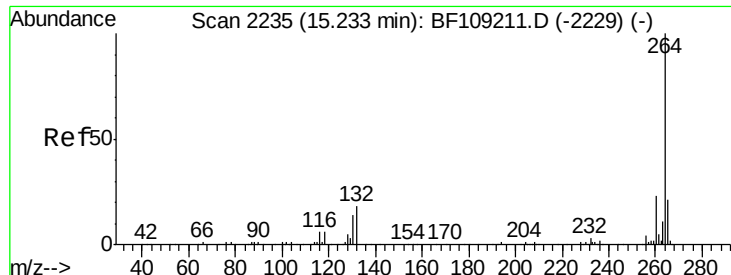


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109367.D
Acq: 27 Sep 2018 5:22

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3

