

Data File : BF109030.D
Acq On : 15 Sep 2018 7:45
Operator : JU/SJ
Sample : J4901-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
091218-SIDI-F-D-S

Quant Time: Sep 17 03:15:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153222	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	586042	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	288376	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	550015	20.00	ng	0.00
75) Chrysene-d12	13.85	240	379521	20.00	ng	-0.01
86) Perylene-d12	15.25	264	364566	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	374009	40.54	ng	0.00
7) Phenol-d6	6.34	99	327927	27.57	ng	-0.02
23) Nitrobenzene-d5	7.28	82	956550	91.55	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	282124	90.15	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1605232	87.21	ng	0.00
78) Terphenyl-d14	12.81	244	1776804	110.97	ng	0.00

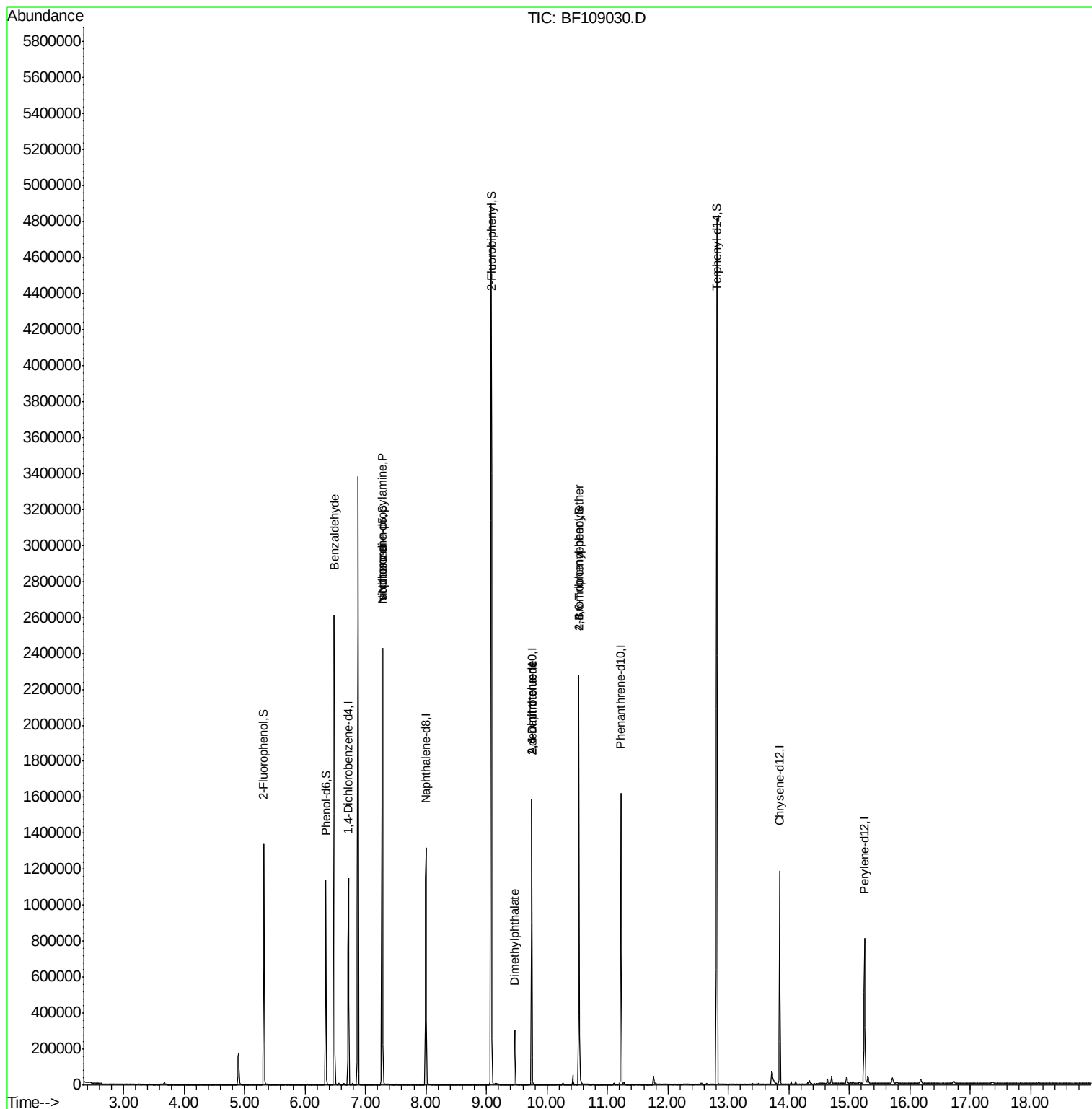
Target Compounds				Qvalue		
9) Benzaldehyde	6.48	77	15373	2.023	ng	# 69
19) n-Nitroso-di-n-propylamine	7.28	70	128657	16.362	ng	# 77
25) Isophorone	7.28	82	951301	52.966	ng	# 64
49) Dimethylphthalate	9.47	163	110627	5.367	ng	100
50) 2,6-Dinitrotoluene	9.75	165	36090	7.896	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	36090	6.037	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	17527	2.827	ng	# 1

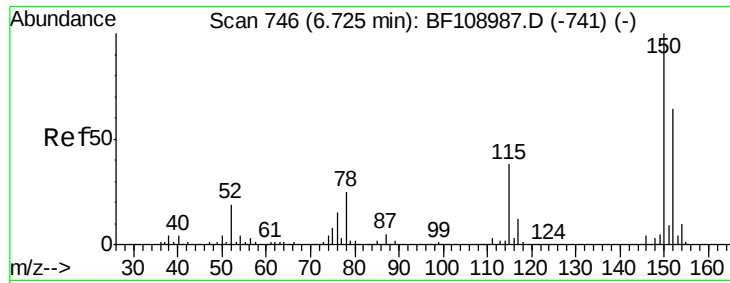
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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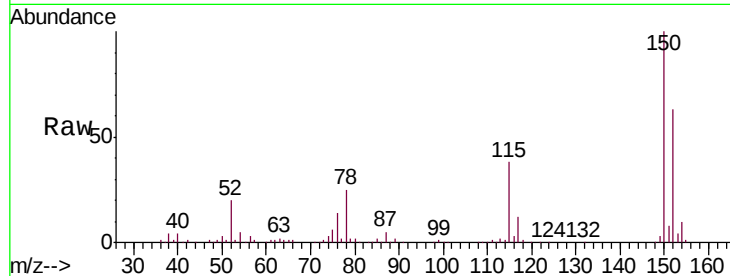




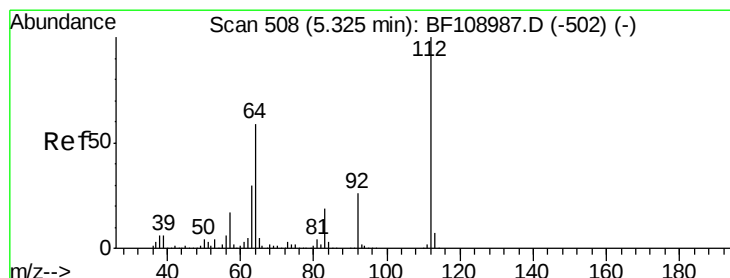
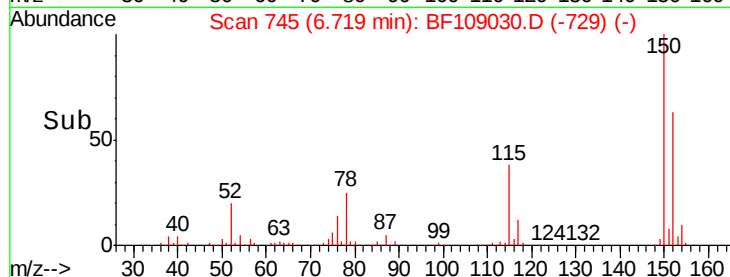
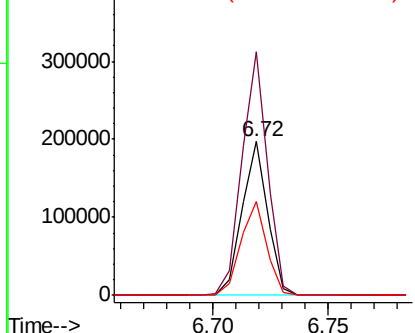
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109030.D
 Acq: 15 Sep 2018 7:45

Instrument :
 BNA_F
 ClientSampleId :
 091218-SIDI-F-D-S

Tgt Ion:152 Resp: 153222
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.6 186.8
 115 61.0 50.1 75.1

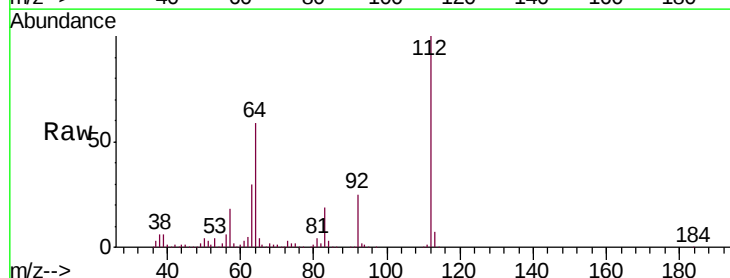


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

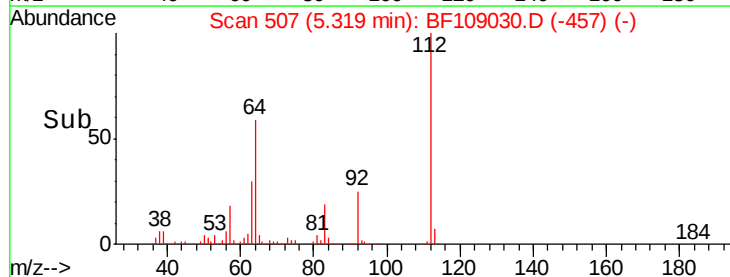
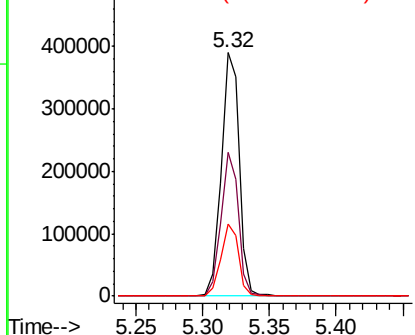


#5
 2-Fluorophenol
 Concen: 40.542 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF109030.D
 Acq: 15 Sep 2018 7:45

Tgt Ion:112 Resp: 374009
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.9 71.9
 63 29.8 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: 27.567 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109030.D

Acq: 15 Sep 2018 7:45

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-D-S

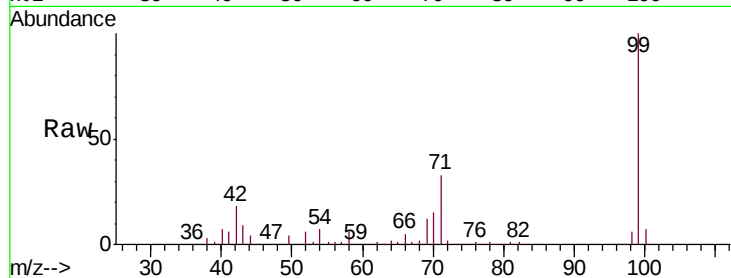
Tgt Ion: 99 Resp: 327927

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

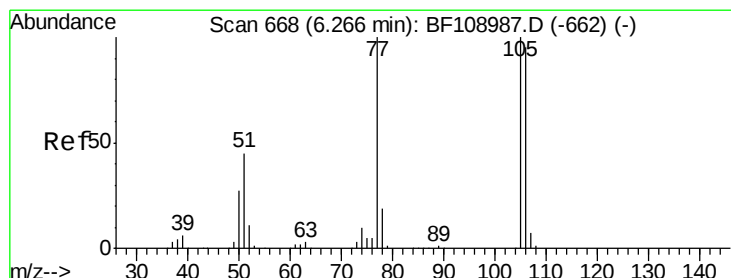
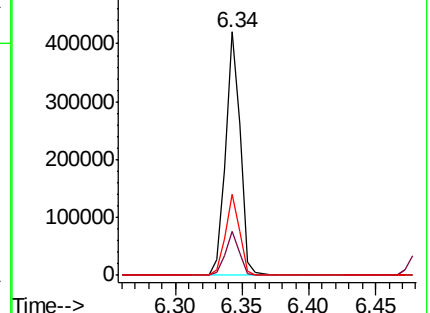
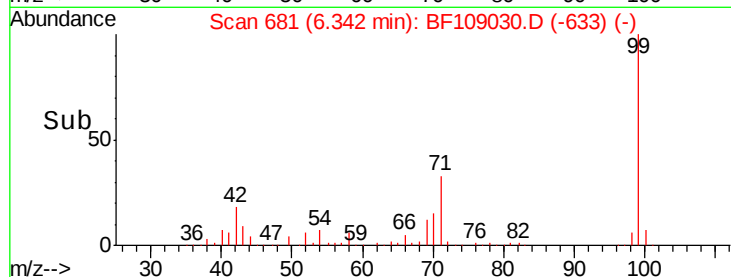
71 33.3 25.4 38.0



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: 2.023 ng

RT: 6.48 min Scan# 705

Delta R.T. 0.22 min

Lab File: BF109030.D

Acq: 15 Sep 2018 7:45

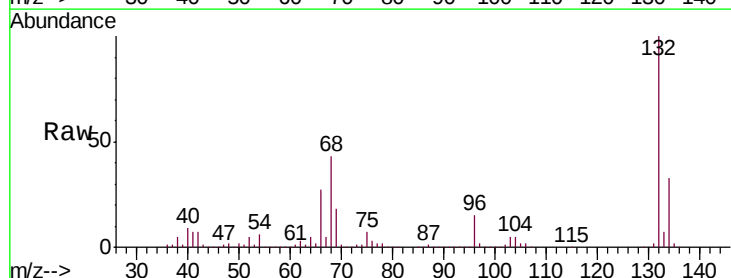
Tgt Ion: 77 Resp: 15373

Ion Ratio Lower Upper

77 100

105 71.8 81.1 121.1#

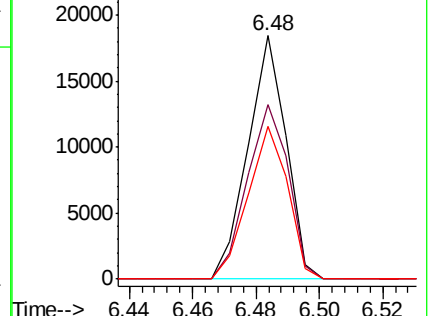
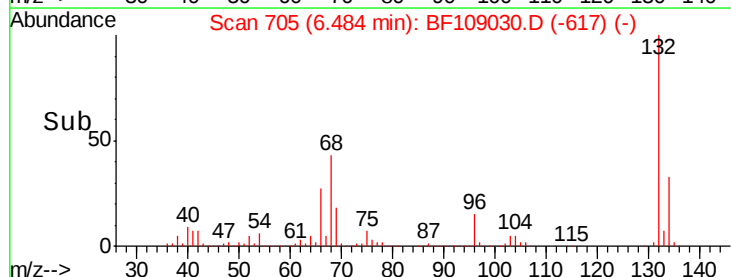
106 63.0 74.5 114.5#

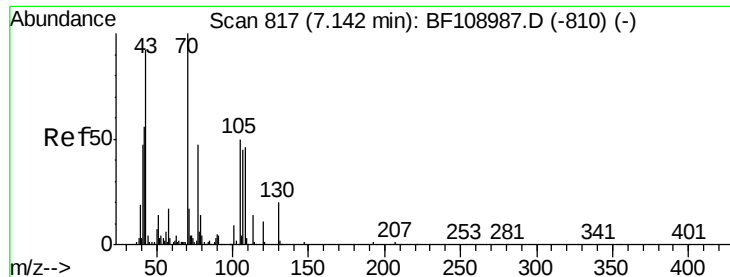


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

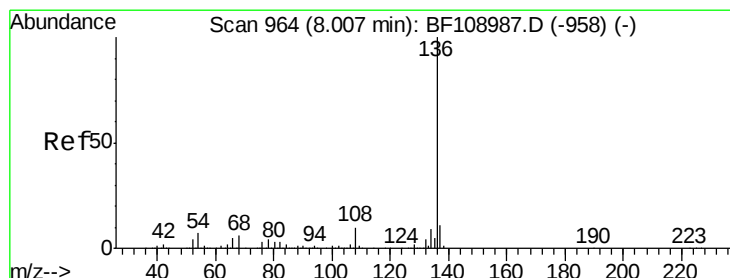
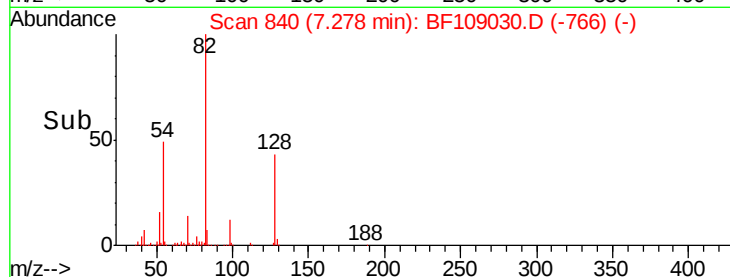
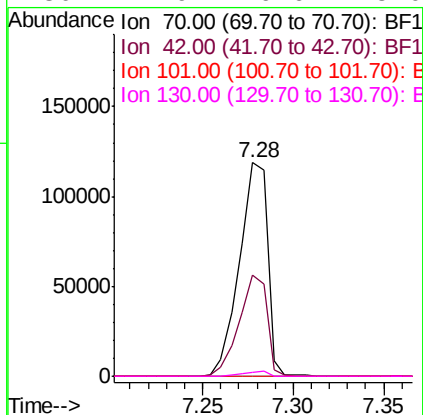
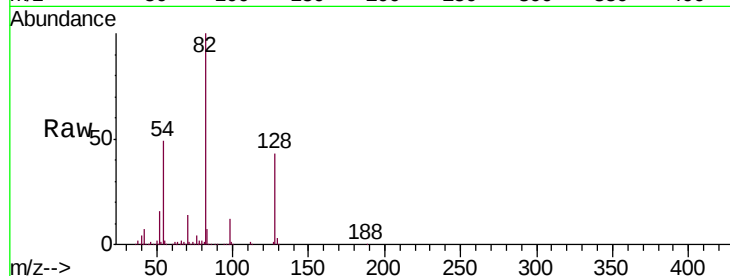




#19
n-Nitroso-di-n-propylamine
Concen: 16.362 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109030.D
Acq: 15 Sep 2018 7:45

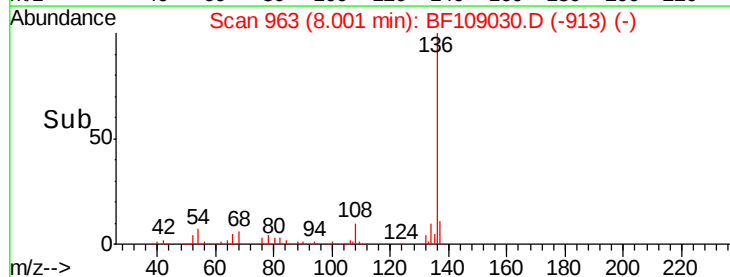
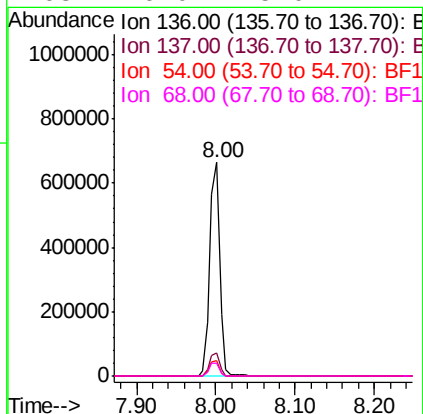
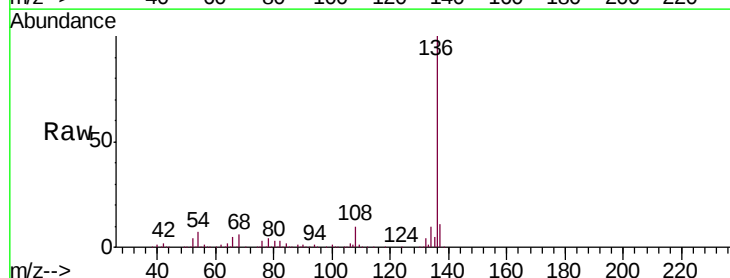
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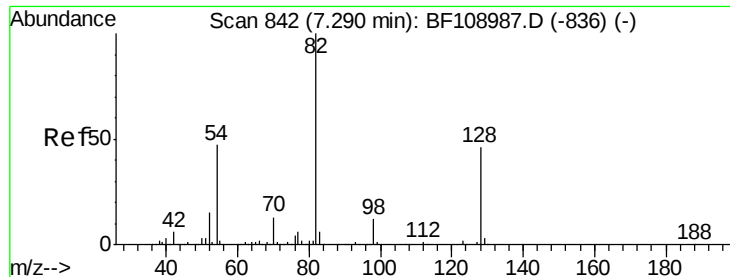
Tgt Ion:	70	Resp:	128657
Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109030.D
Acq: 15 Sep 2018 7:45

Tgt Ion:	136	Resp:	586042
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	6.0	5.0	7.4

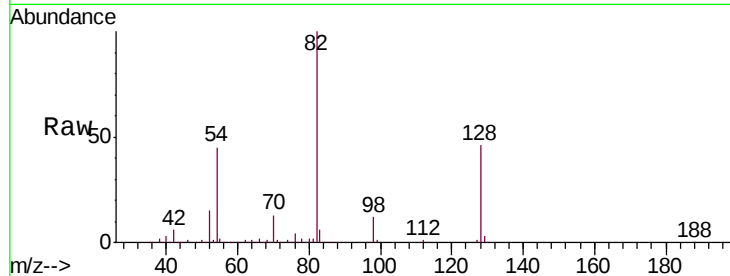




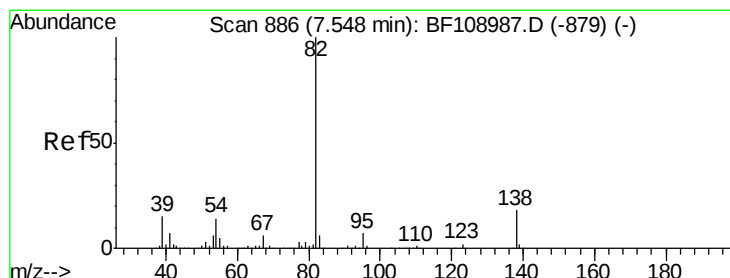
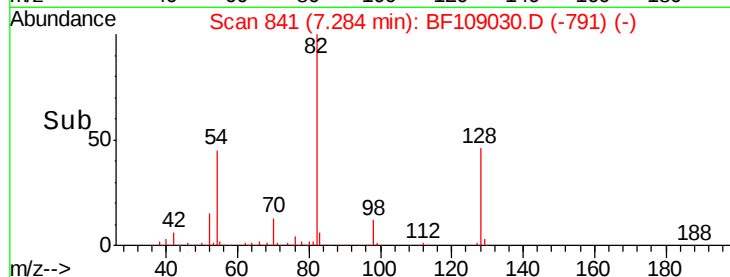
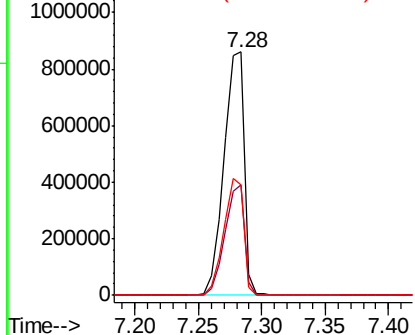
#23
 Nitrobenzene-d5
 Concen: 91.548 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109030.D
 Acq: 15 Sep 2018 7:45

Instrument :
 BNA_F
 ClientSampleId :
 091218-SIDI-F-D-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	45.5	41.4	62.2

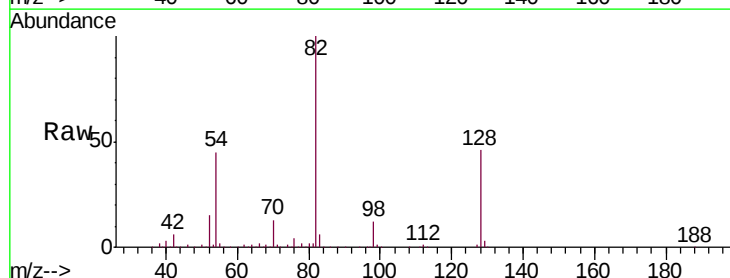


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

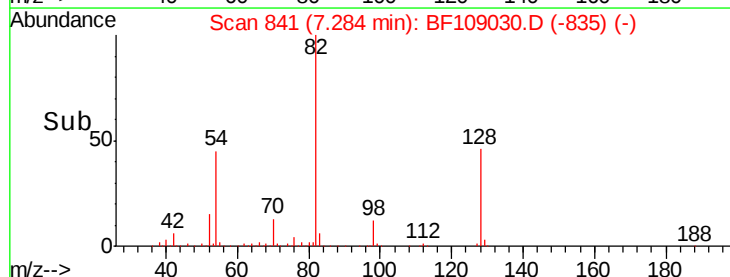
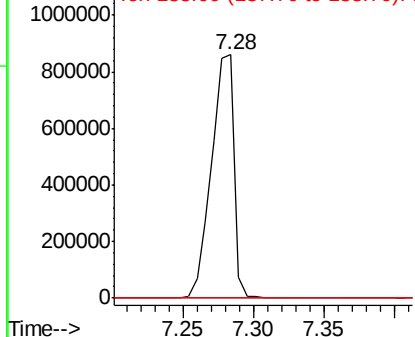


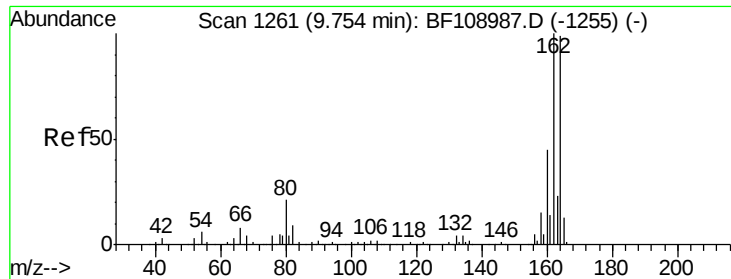
#25
 Isophorone
 Concen: 52.966 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109030.D
 Acq: 15 Sep 2018 7:45

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

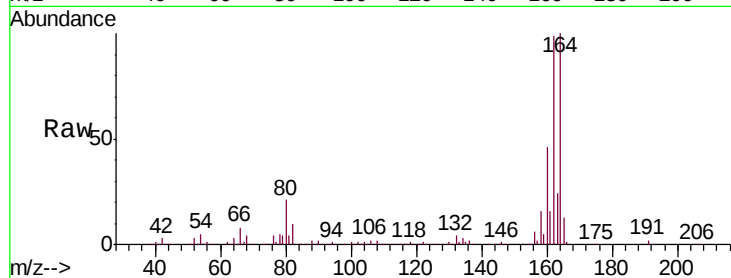




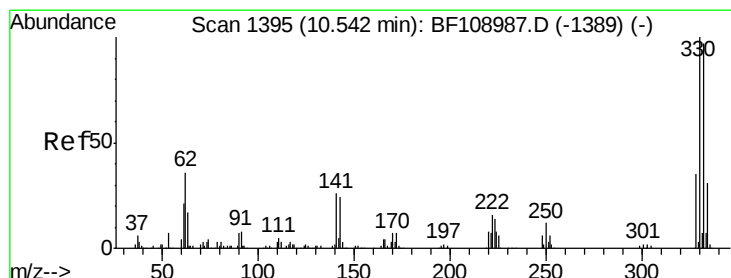
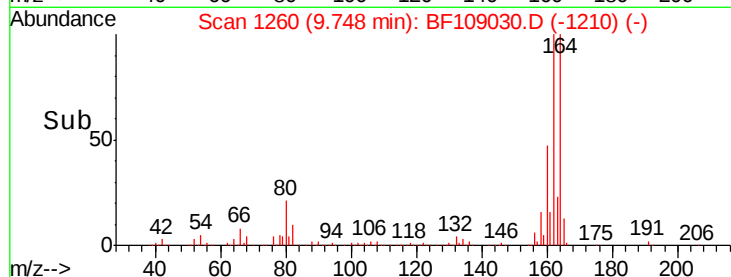
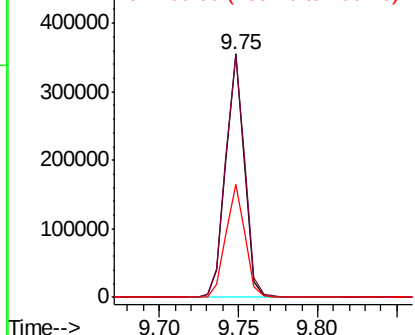
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109030.D
 Acq: 15 Sep 2018 7:45

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 ClientSampleId :
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Tgt Ion:164 Resp: 288376
 Ion Ratio Lower Upper
 164 100
 162 99.4 86.1 129.1
 160 46.5 38.3 57.5

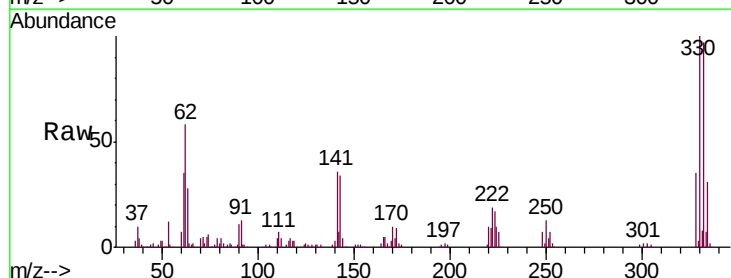


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

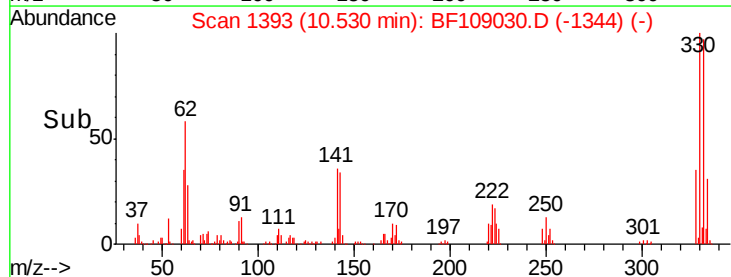
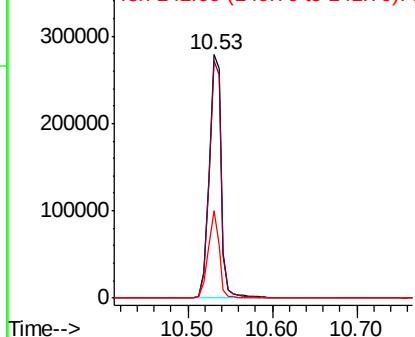


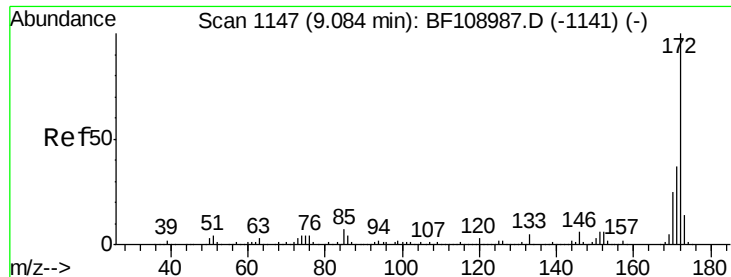
#41
 2,4,6-Tribromophenol
 Concen: 90.146 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109030.D
 Acq: 15 Sep 2018 7:45

Tgt Ion:330 Resp: 282124
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 32.3 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

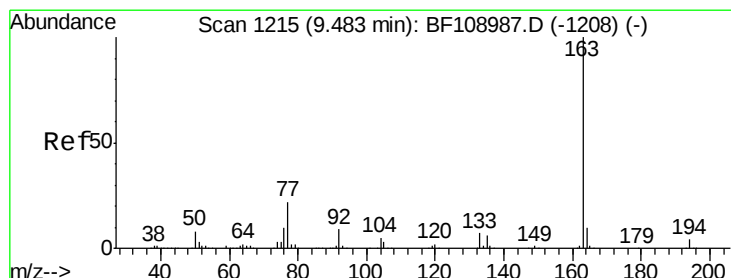
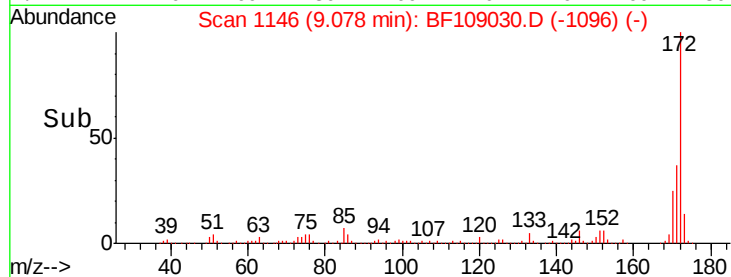
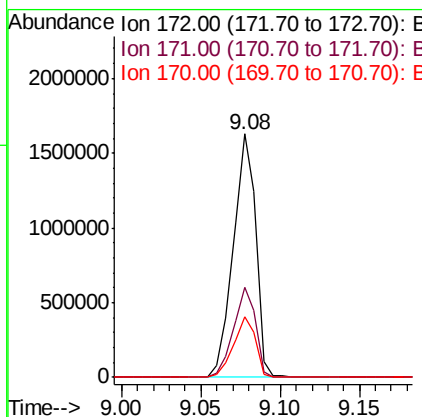
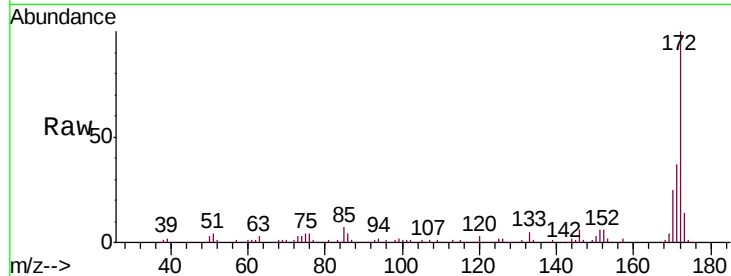




#44
2-Fluorobiphenyl
Concen: 87.211 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109030.D
Acq: 15 Sep 2018 7:45

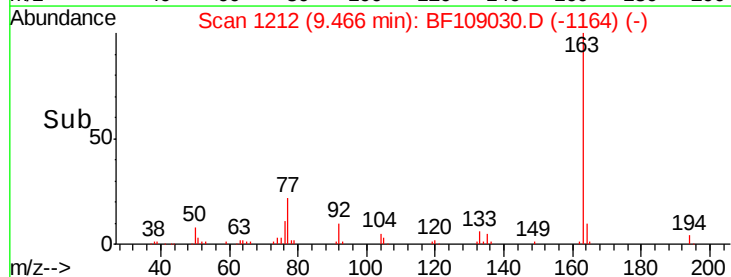
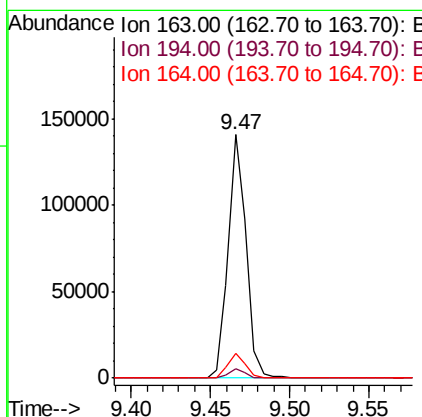
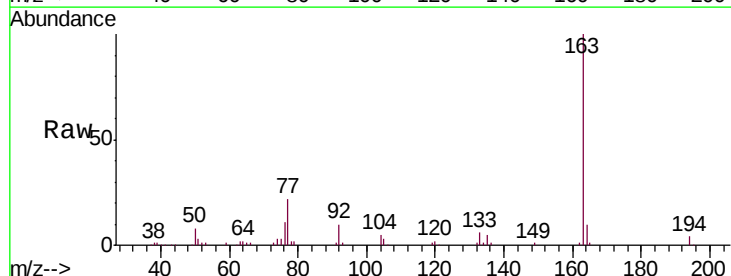
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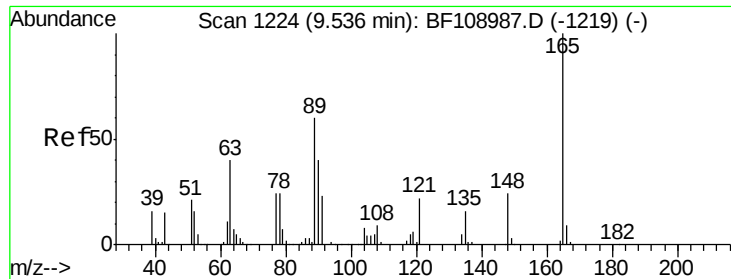
Tgt Ion:172 Resp: 1605232
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 25.0 19.6 29.4



#49
Dimethylphthalate
Concen: 5.367 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109030.D
Acq: 15 Sep 2018 7:45

Tgt Ion:163 Resp: 110627
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 8.2 12.2

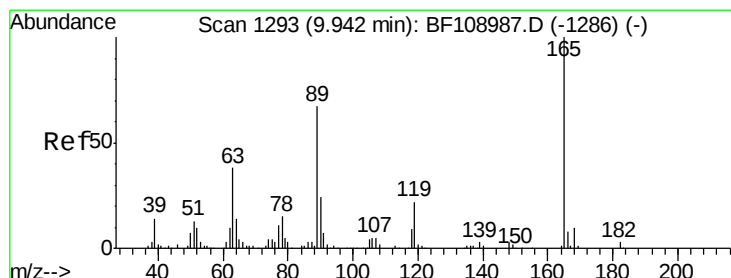
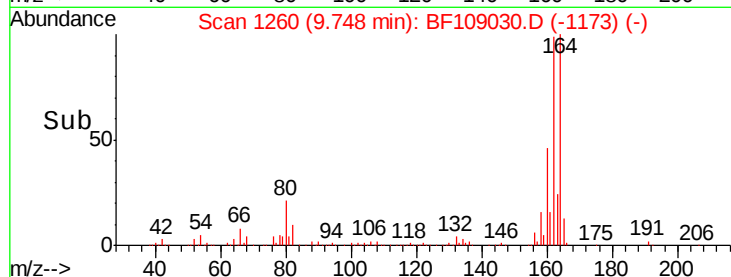
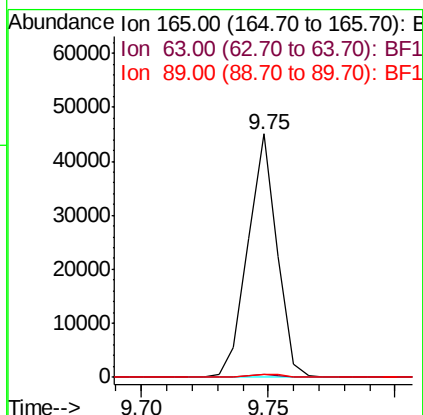
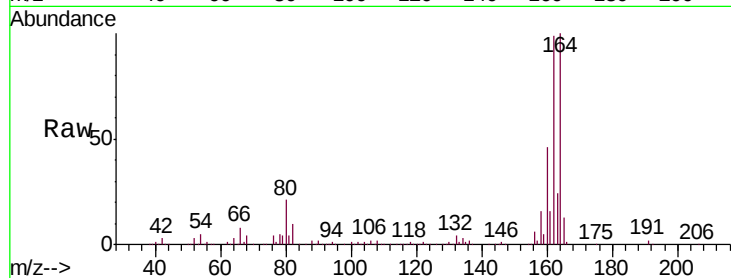




#50
 2,6-Dinitrotoluene
 Concen: 7.896 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109030.D
 Acq: 15 Sep 2018 7:45

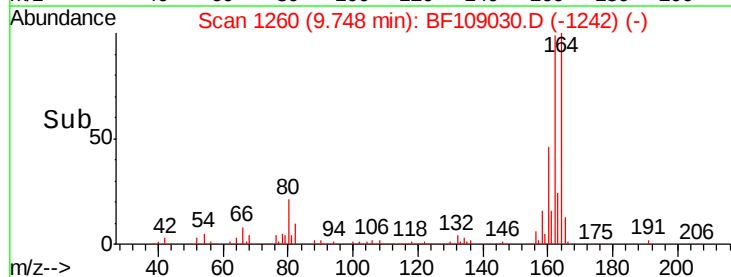
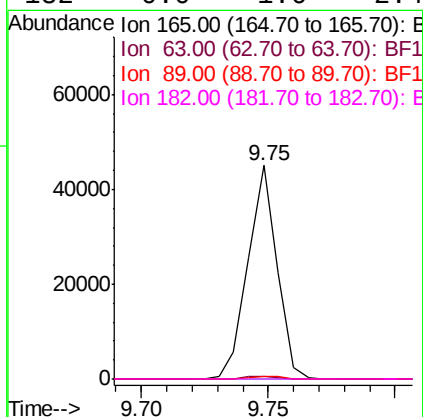
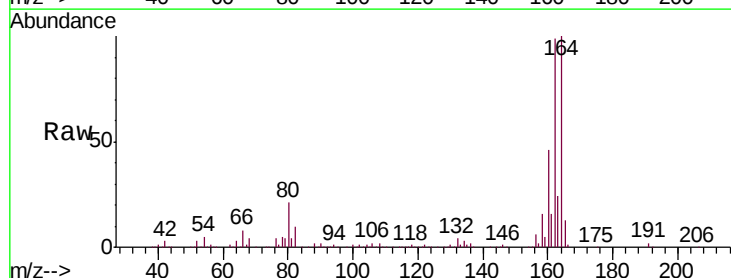
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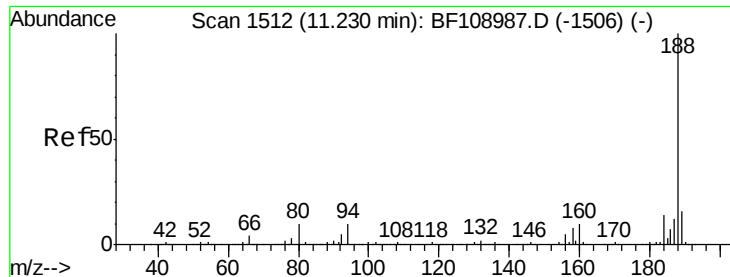
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.037 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109030.D
 Acq: 15 Sep 2018 7:45

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

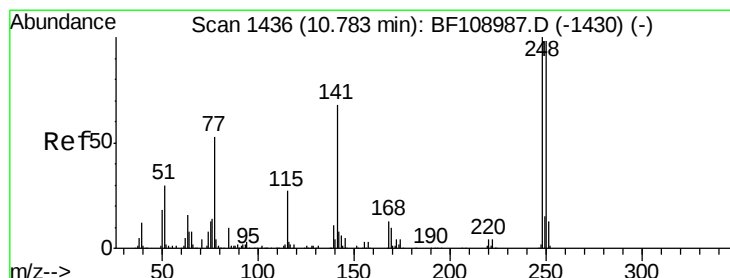
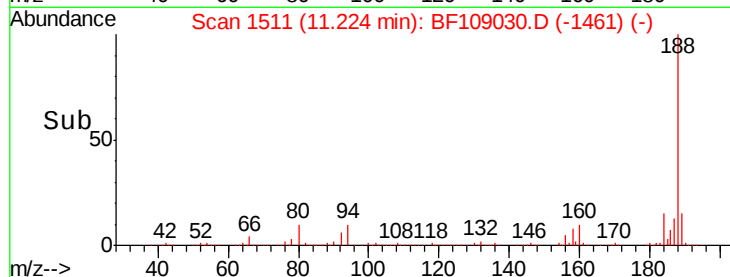
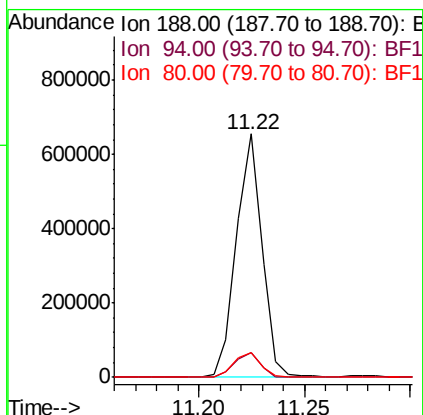
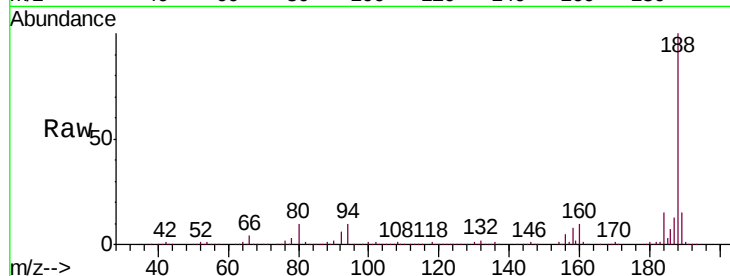




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109030.D
Acq: 15 Sep 2018 7:45

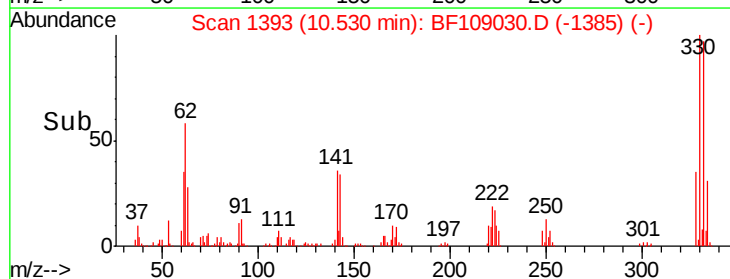
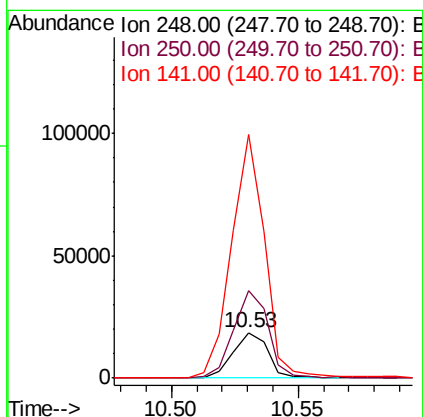
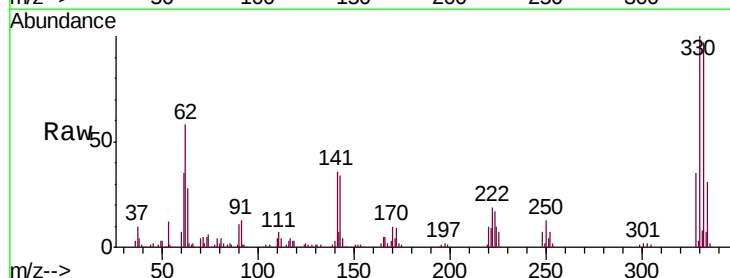
Instrument :
BNA_F
ClientSampleId :
091218-SIDI-F-D-S

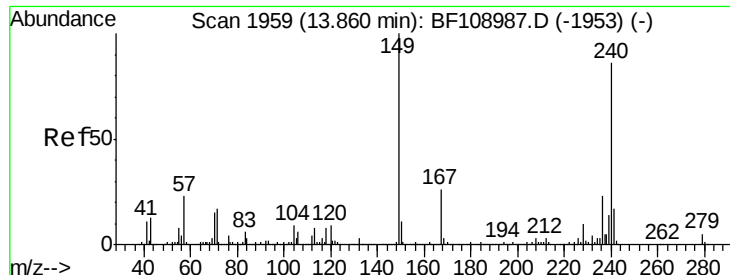
Tgt Ion:188 Resp: 550015
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.827 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109030.D
Acq: 15 Sep 2018 7:45

Tgt Ion:248 Resp: 17527
Ion Ratio Lower Upper
248 100
250 192.4 76.9 115.3#
141 532.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109030.D

Acq: 15 Sep 2018 7:45

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-D-S

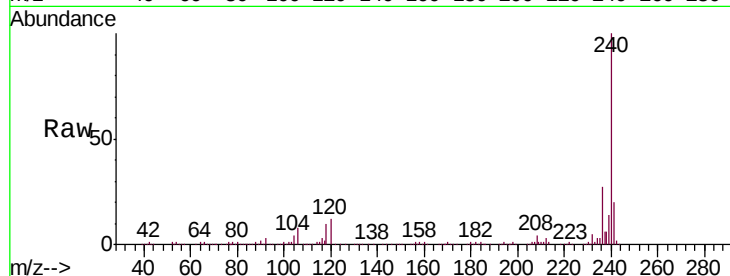
Tgt Ion:240 Resp: 379521

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

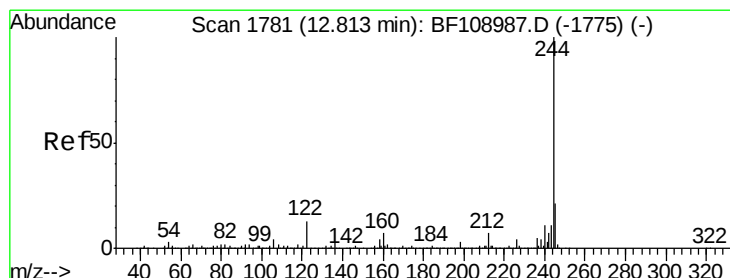
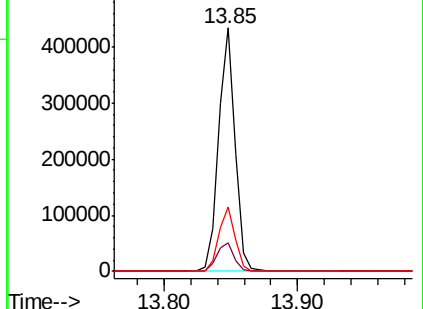
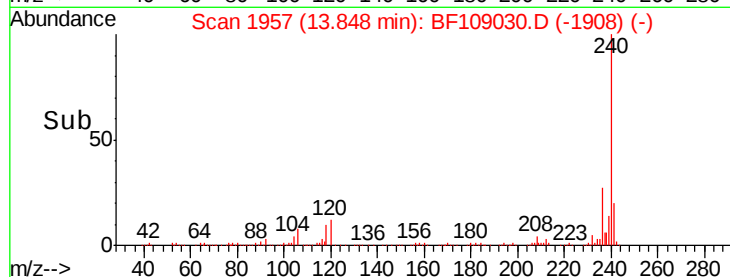
236 26.5 20.7 31.1



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: 110.969 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109030.D

Acq: 15 Sep 2018 7:45

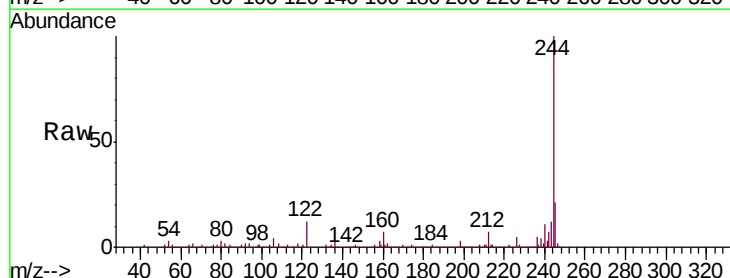
Tgt Ion:244 Resp: 1776804

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

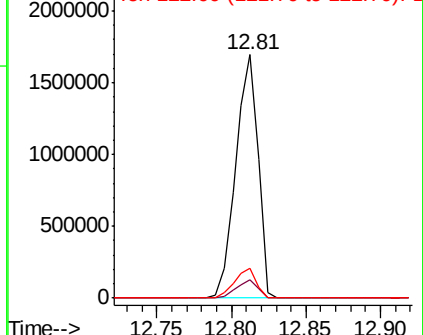
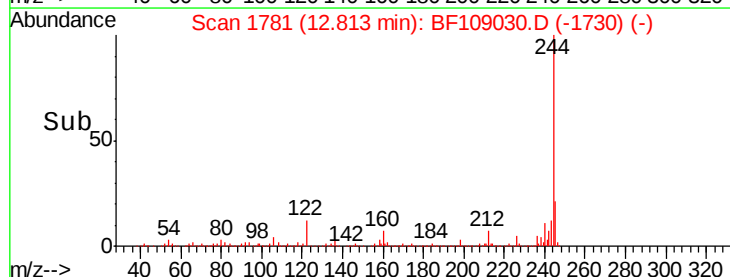
122 12.2 11.0 16.4

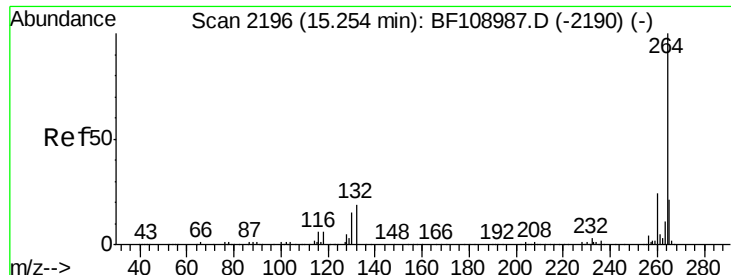


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

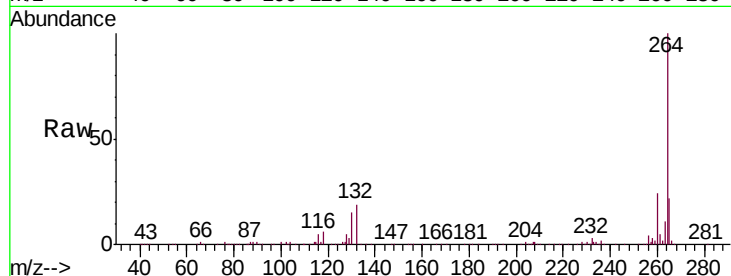




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF109030.D
Acq: 15 Sep 2018 7:45

Instrument :
BNA_F
ClientSampleId :
091218-SIDI-F-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	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

