

Data File : BF109031.D
Acq On : 15 Sep 2018 8:12
Operator : JU/SJ
Sample : J4901-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
091218-SIDI-F-U-B

Quant Time: Sep 17 03:16:05 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	157531	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	597923	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	286132	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	564188	20.00	ng	0.00
75) Chrysene-d12	13.85	240	393026	20.00	ng	-0.01
86) Perylene-d12	15.25	264	367305	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	394471	41.59	ng	0.00
7) Phenol-d6	6.34	99	356138	29.12	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1014276	95.14	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	276169	88.93	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1658815	90.83	ng	0.00
78) Terphenyl-d14	12.81	244	1805225	108.87	ng	0.00

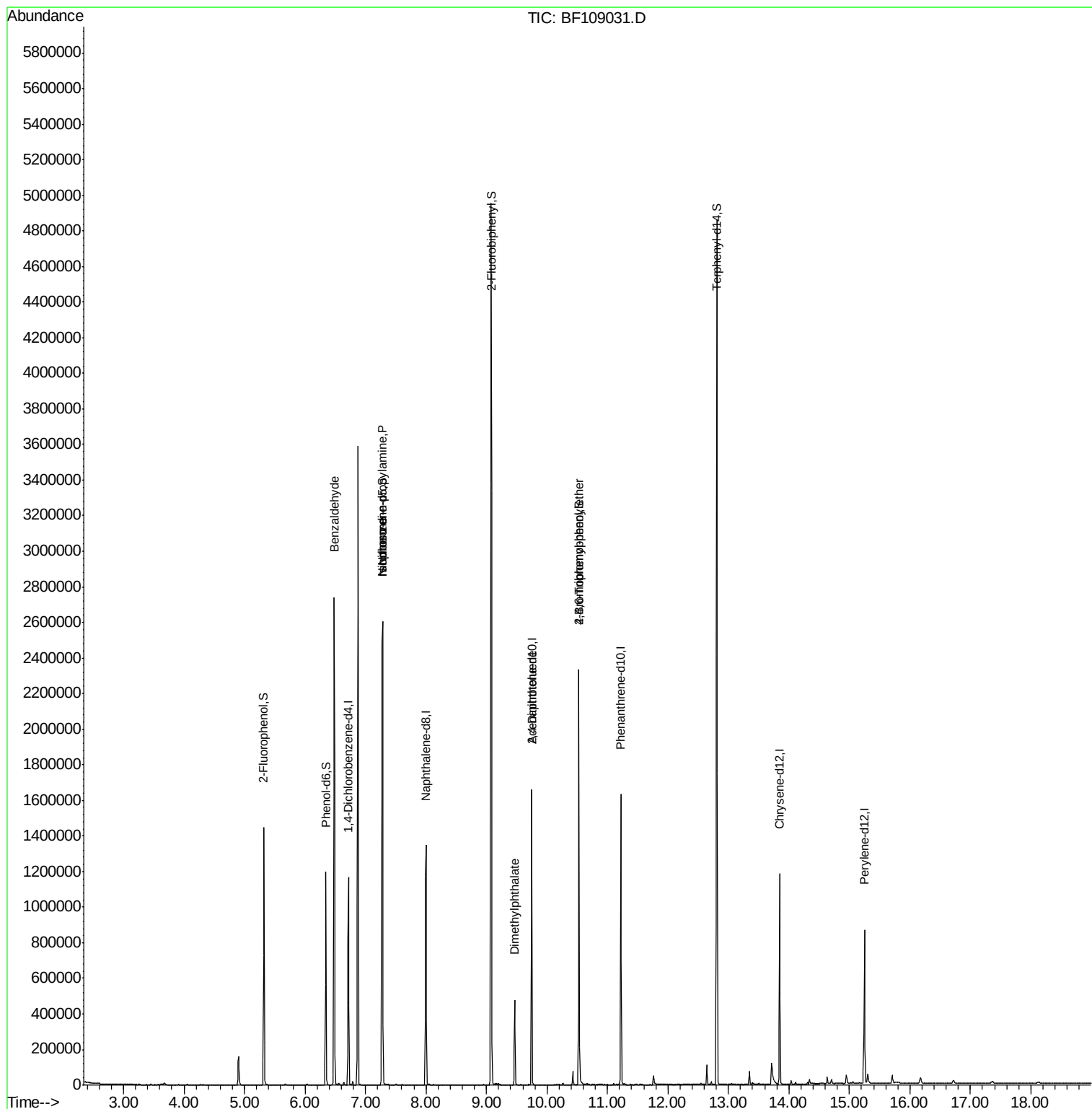
Target Compounds				Qvalue		
9) Benzaldehyde	6.48	77	16427	2.103	ng	# 75
19) n-Nitroso-di-n-propylamine	7.28	70	136612	16.899	ng	# 76
25) Isophorone	7.28	82	1007721	54.992	ng	# 64
49) Dimethylphthalate	9.47	163	176771	8.644	ng	100
56) 2,4-Dinitrotoluene	9.75	165	36505	6.155	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	16788	2.639	ng	# 1

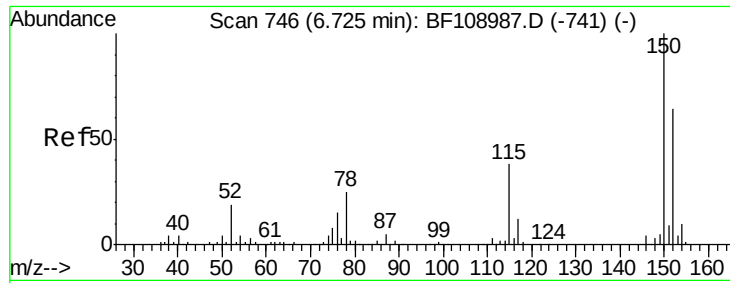
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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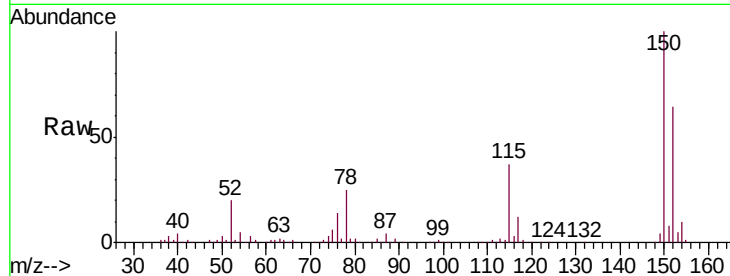




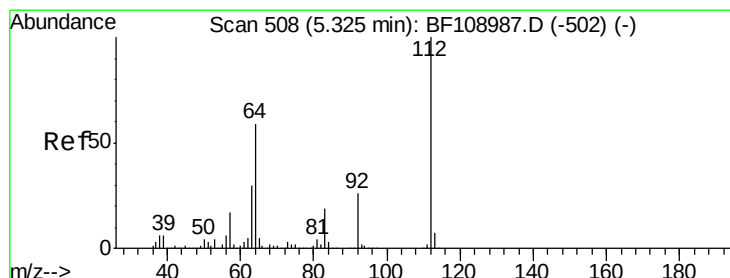
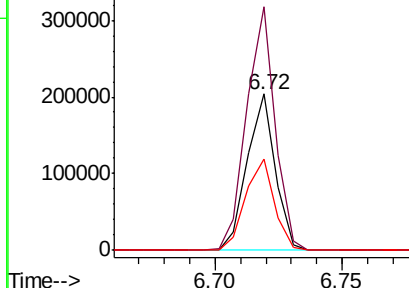
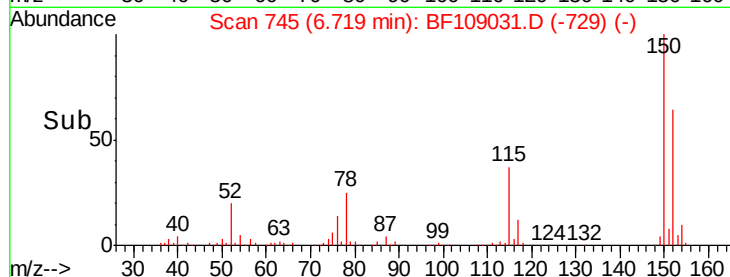
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109031.D
 Acq: 15 Sep 2018 8:12

Instrument :
 BNA_F
 ClientSampleId :
 091218-SIDI-F-U-B

Tgt Ion:152 Resp: 157531
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 58.3 50.1 75.1

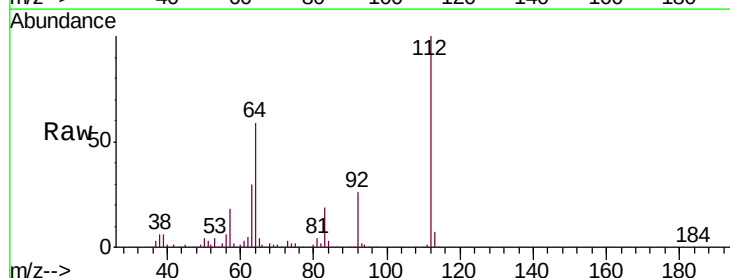


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

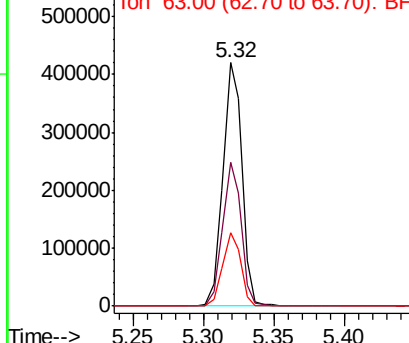
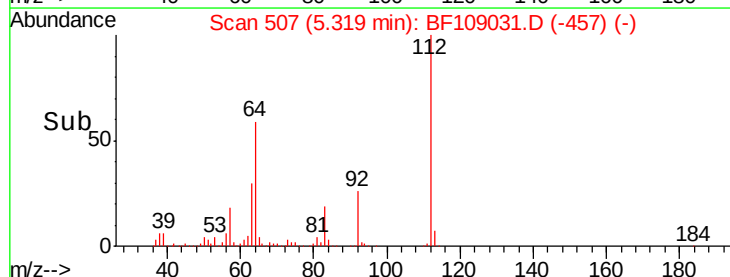


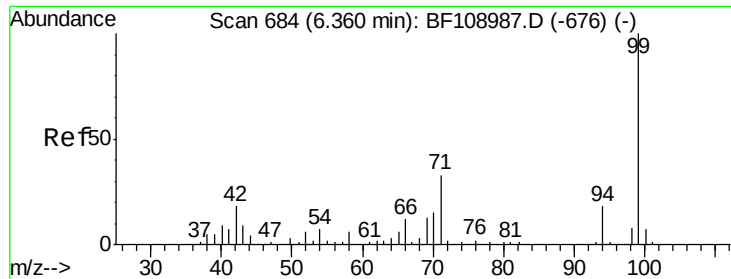
#5
 2-Fluorophenol
 Concen: 41.590 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF109031.D
 Acq: 15 Sep 2018 8:12

Tgt Ion:112 Resp: 394471
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.9 71.9
 63 30.2 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: 29.120 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109031.D

Acq: 15 Sep 2018 8:12

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-U-B

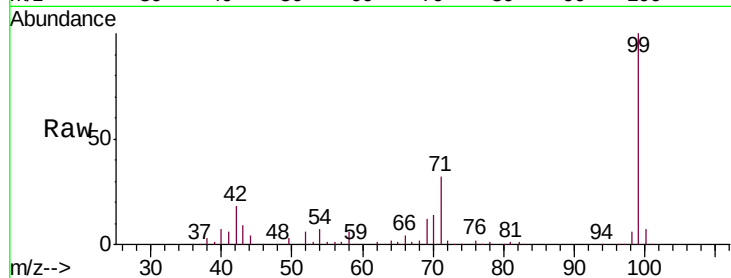
Tgt Ion: 99 Resp: 356138

Ion Ratio Lower Upper

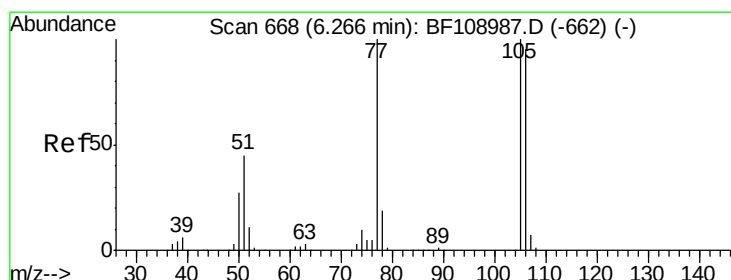
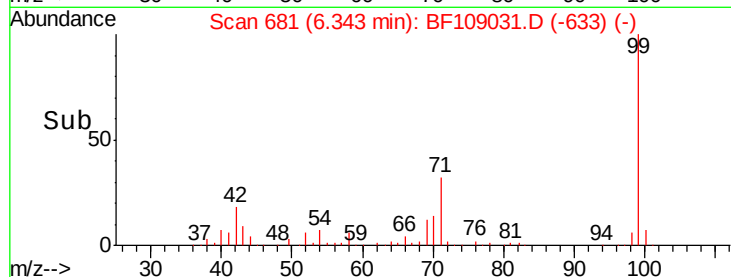
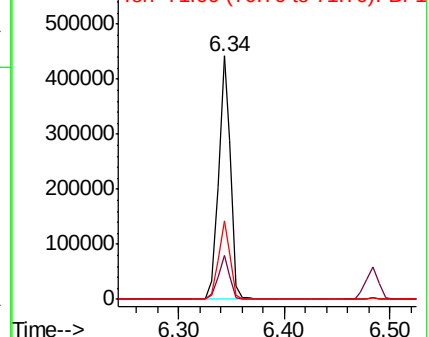
99 100

42 18.1 14.5 21.7

71 32.5 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: 2.103 ng

RT: 6.48 min Scan# 705

Delta R.T. 0.22 min

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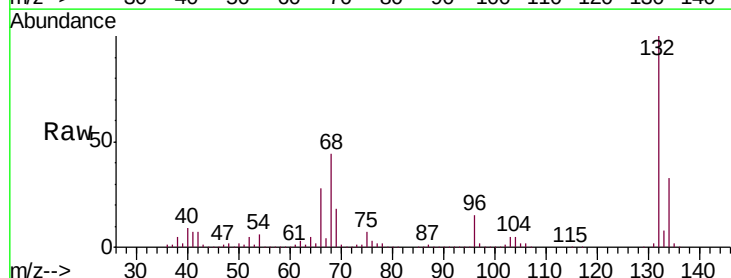
Tgt Ion: 77 Resp: 16427

Ion Ratio Lower Upper

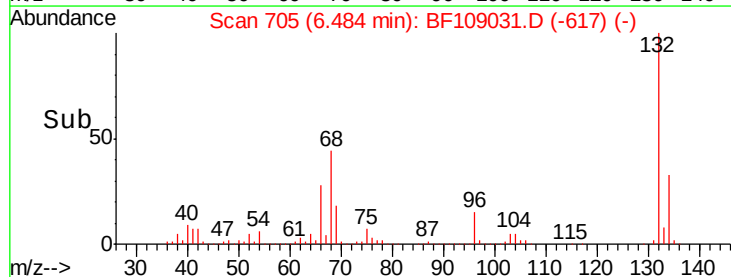
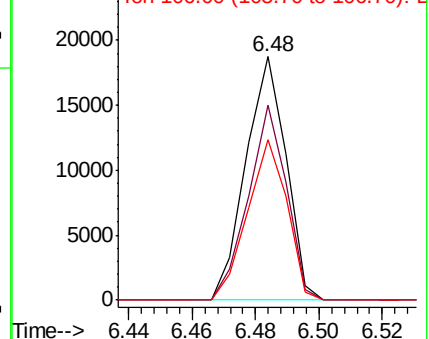
77 100

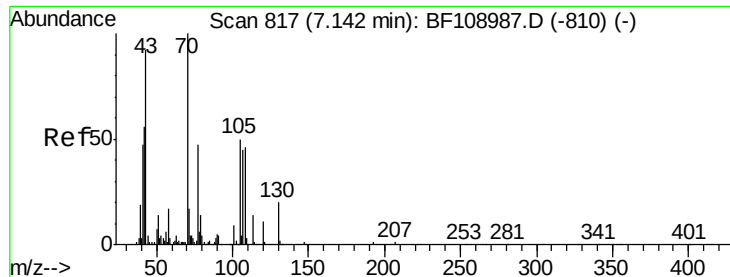
105 79.9 81.1 121.1#

106 65.7 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

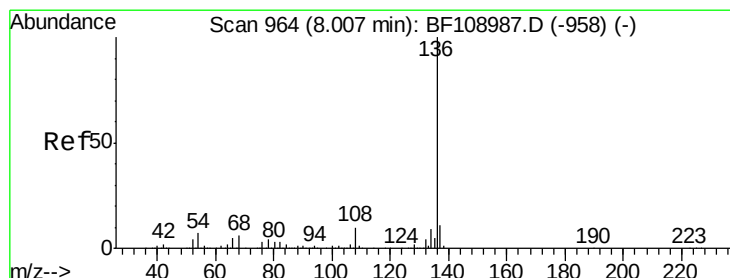
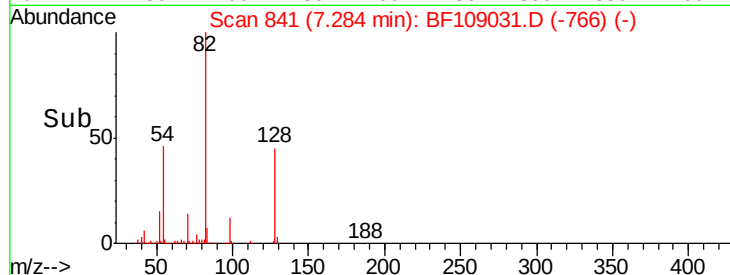
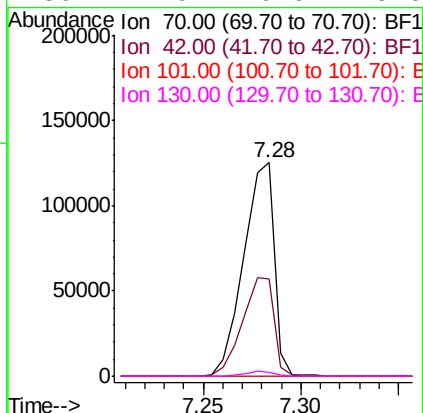
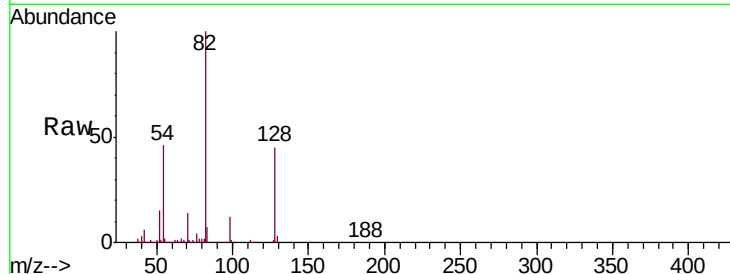




#19
n-Nitroso-di-n-propylamine
Concen: 16.899 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

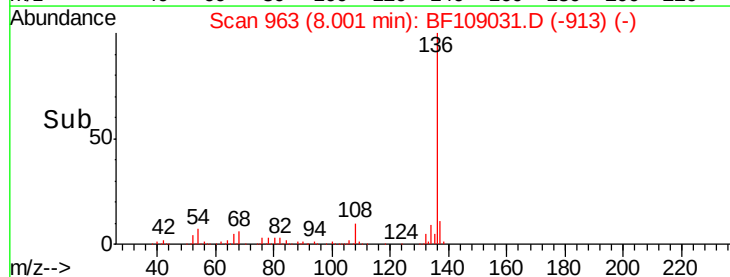
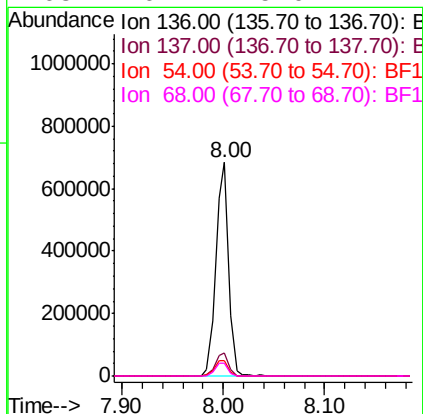
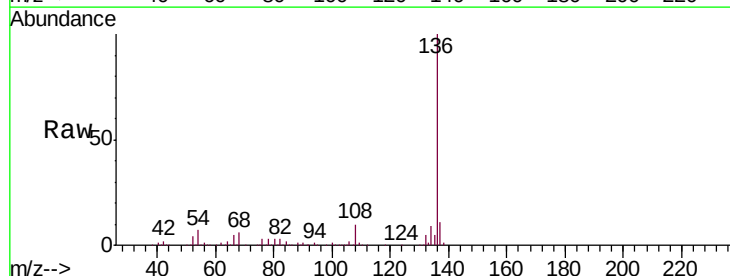
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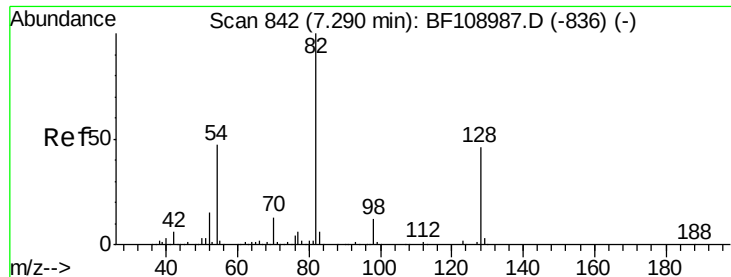
Tgt Ion:	70	Resp:	136612
Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

Tgt Ion:	136	Resp:	597923
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.0	6.6	9.8
68	6.1	5.0	7.4

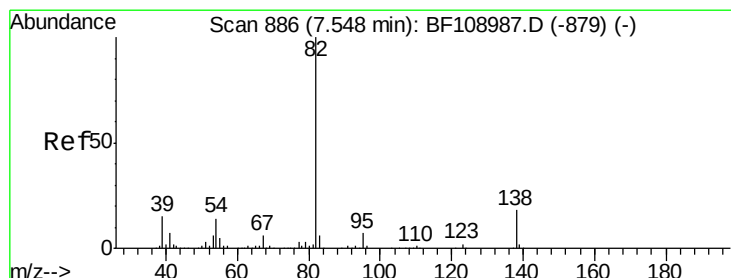
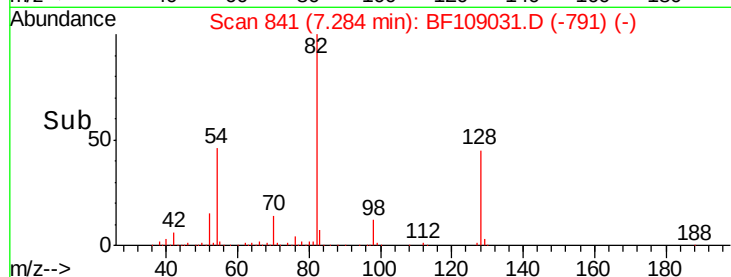
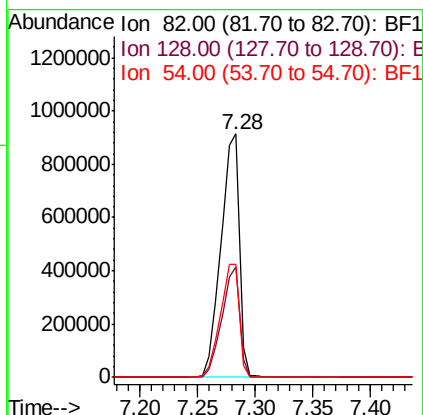
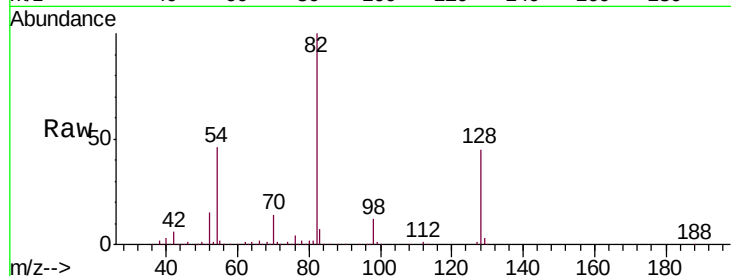




#23
 Nitrobenzene-d5
 Concen: 95.144 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109031.D
 Acq: 15 Sep 2018 8:12

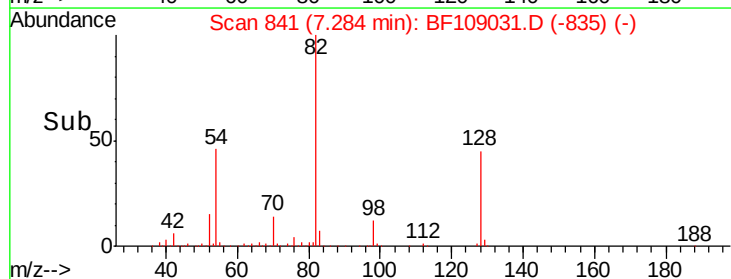
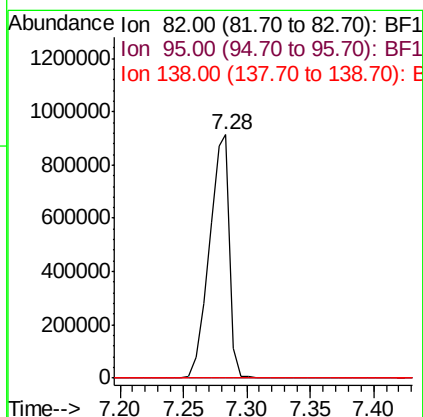
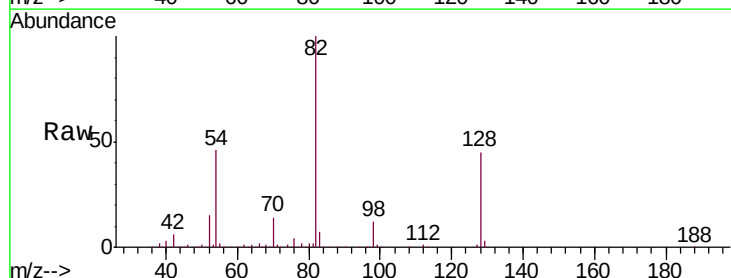
Instrument :
 BNA_F
 ClientSampleId :
 091218-SIDI-F-U-B

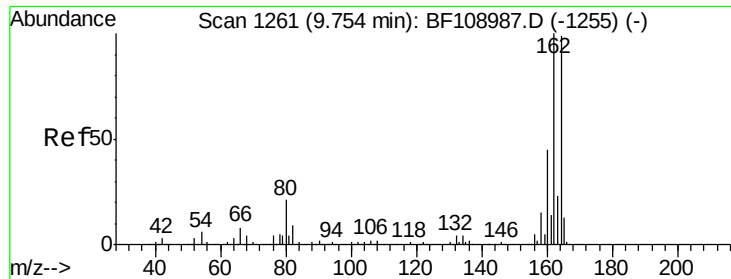
Tgt Ion: 82 Resp: 1014276
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 46.3 41.4 62.2



#25
 Isophorone
 Concen: 54.992 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109031.D
 Acq: 15 Sep 2018 8:12

Tgt Ion: 82 Resp: 1007721
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

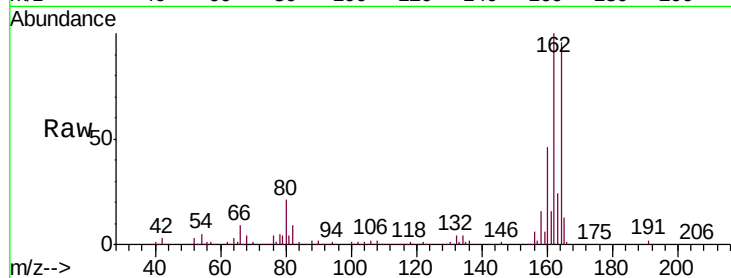




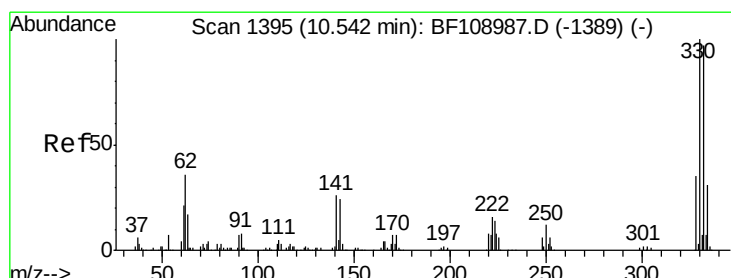
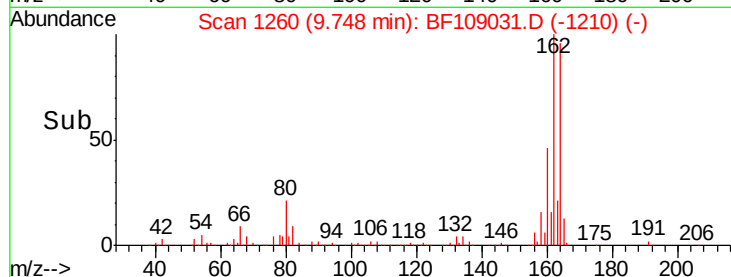
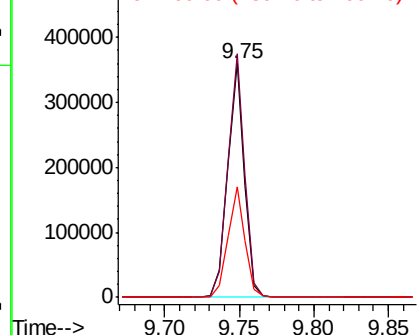
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109031.D
 Acq: 15 Sep 2018 8:12

Instrument :
 BNA_F
 ClientSampleId :
 091218-SIDI-F-U-B

Tgt Ion:164 Resp: 286132
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 47.3 38.3 57.5

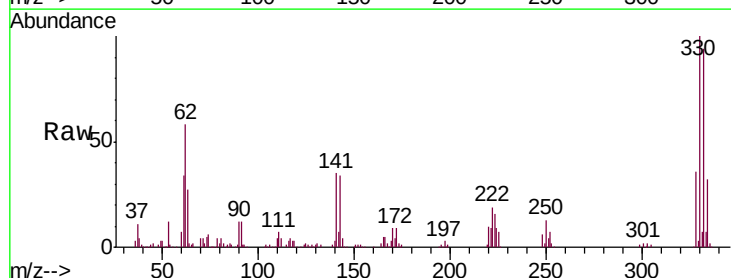


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

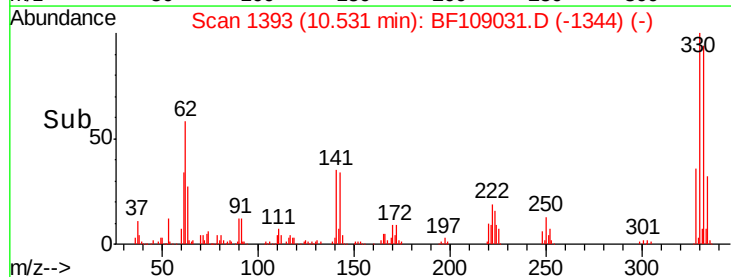
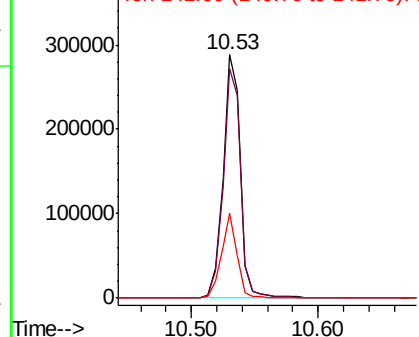


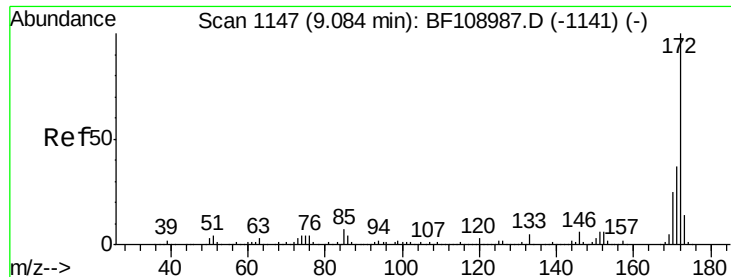
#41
 2,4,6-Tribromophenol
 Concen: 88.935 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109031.D
 Acq: 15 Sep 2018 8:12

Tgt Ion:330 Resp: 276169
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.1 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

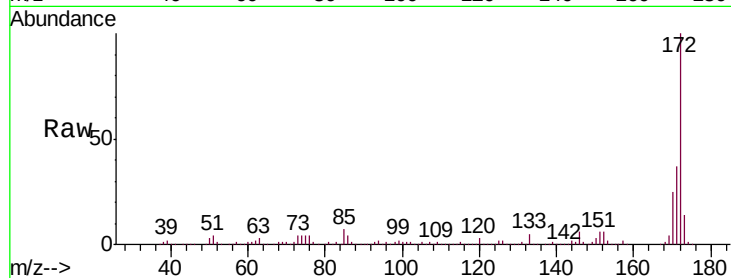




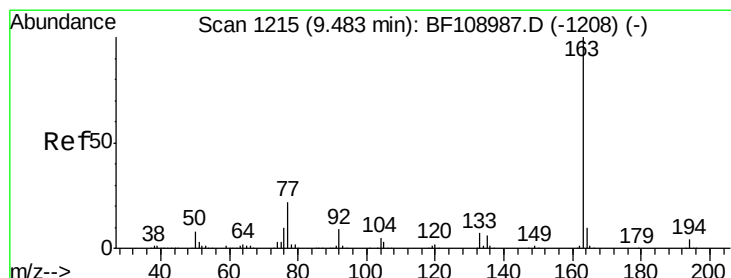
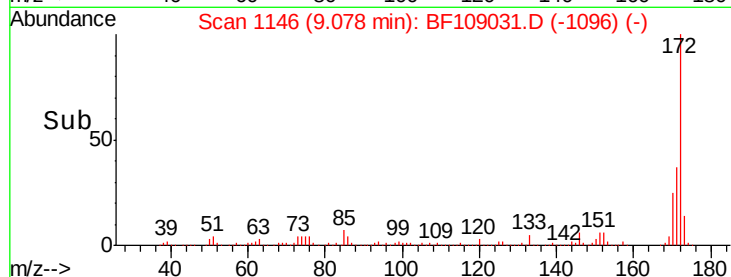
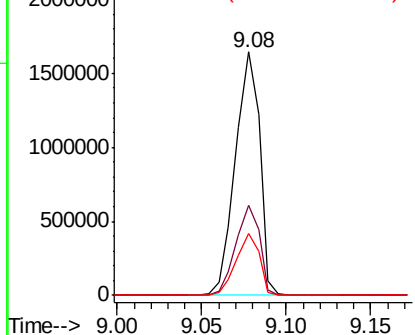
#44
2-Fluorobiphenyl
Concen: 90.829 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

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ClientSampleId :
091218-SIDI-F-U-B

Tgt Ion:172 Resp: 1658815
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 25.3 19.6 29.4

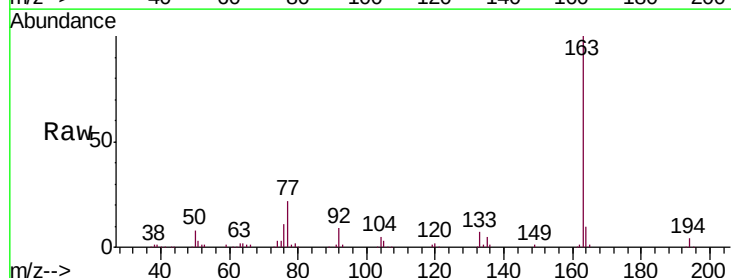


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

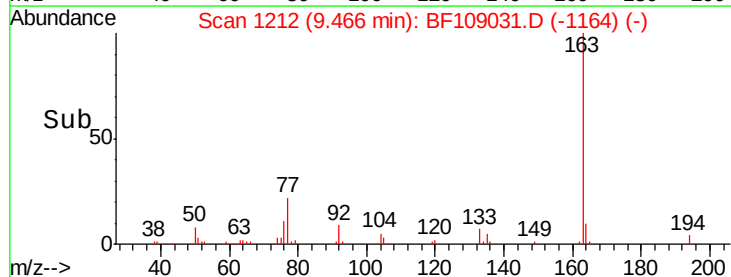
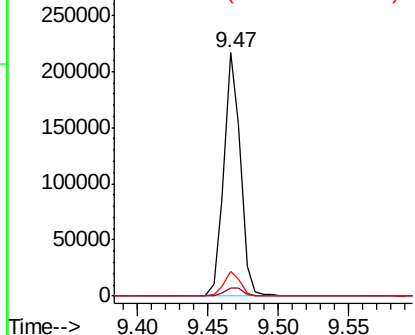


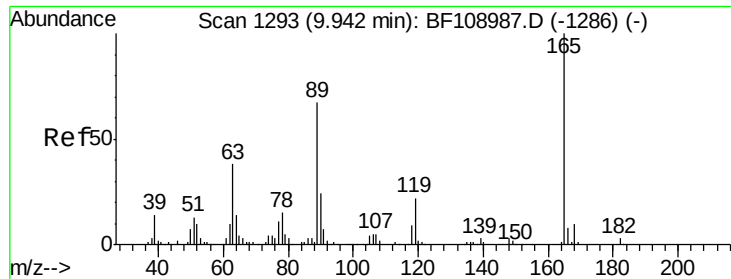
#49
Dimethylphthalate
Concen: 8.644 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

Tgt Ion:163 Resp: 176771
Ion Ratio Lower Upper
163 100
194 3.6 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

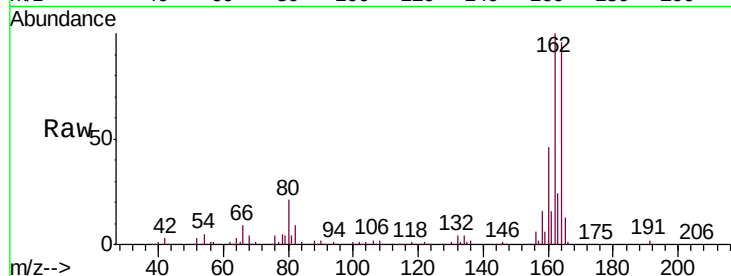




#56
 2,4-Dinitrotoluene
 Concen: 6.155 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109031.D
 Acq: 15 Sep 2018 8:12

Instrument :
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 ClientSampleId :
 091218-SIDI-F-U-B

Tgt Ion:	165	Resp:	36505
Ion Ratio	Lower	Upper	
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

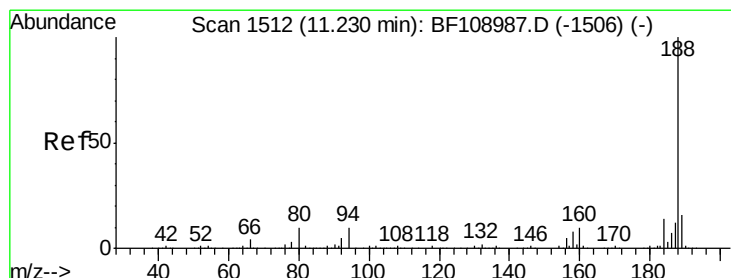
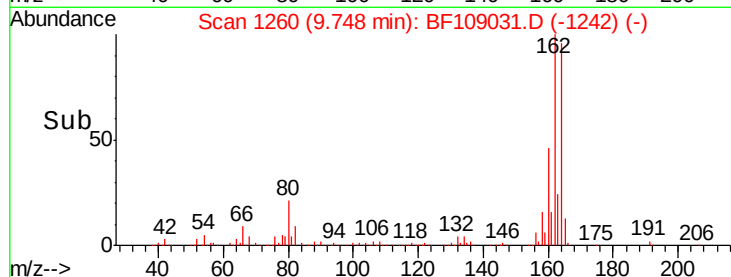
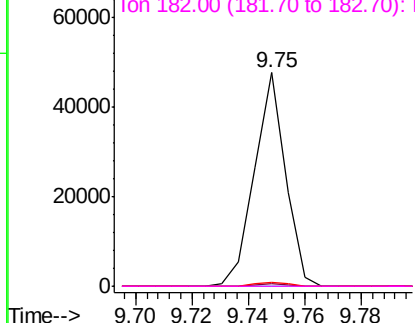


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

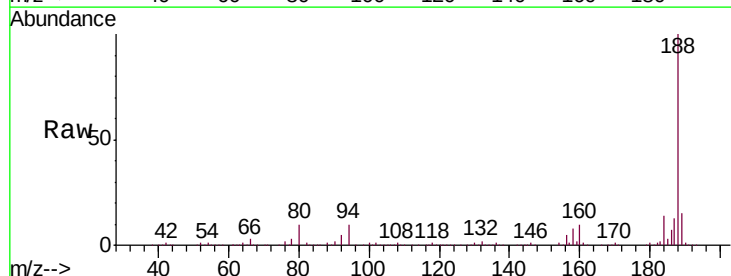
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109031.D
 Acq: 15 Sep 2018 8:12

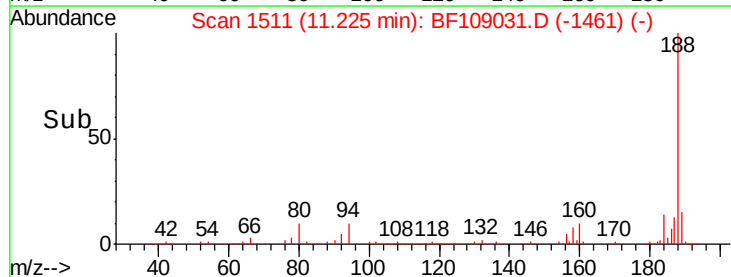
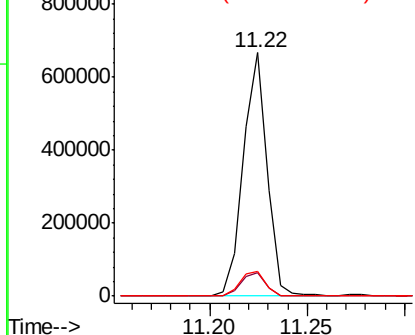
Tgt Ion:	188	Resp:	564188
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

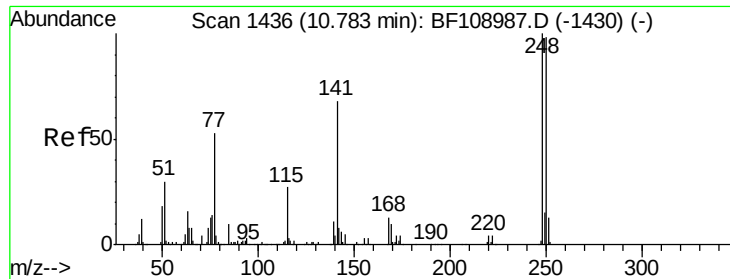


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

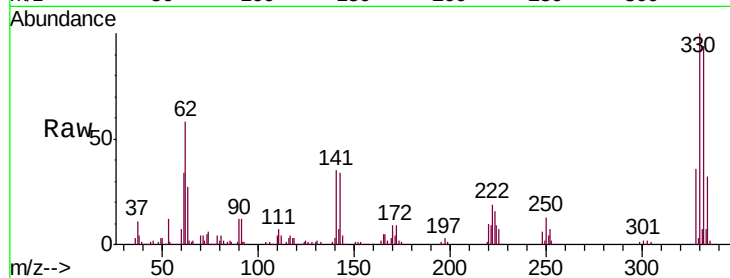




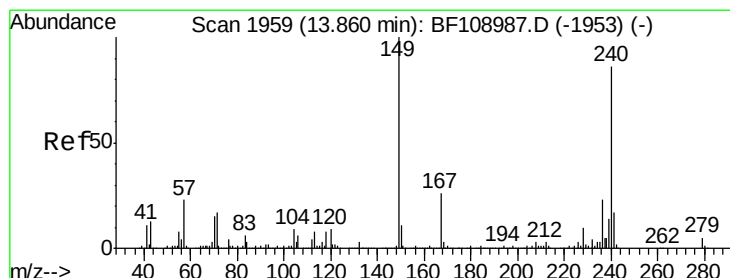
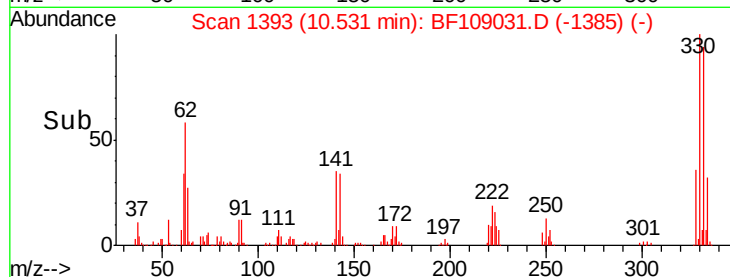
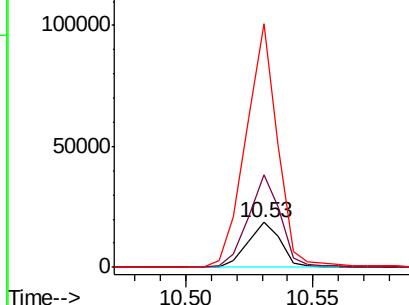
#66
4-Bromophenyl-phenylether
Concen: 2.639 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

Instrument :
BNA_F
ClientSampleId :
091218-SIDI-F-U-B

Tgt Ion:248 Resp: 16788
Ion Ratio Lower Upper
248 100
250 206.2 76.9 115.3#
141 541.5 74.4 111.6#

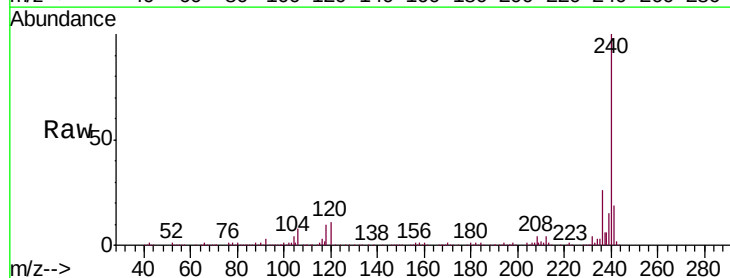


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

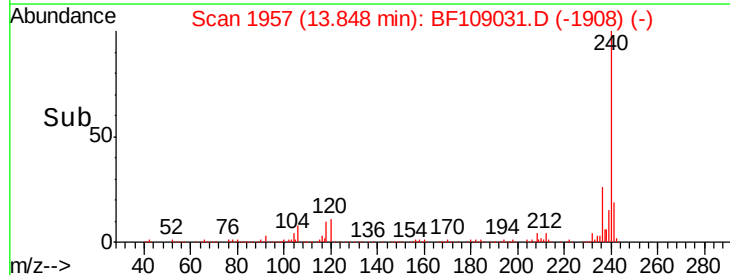
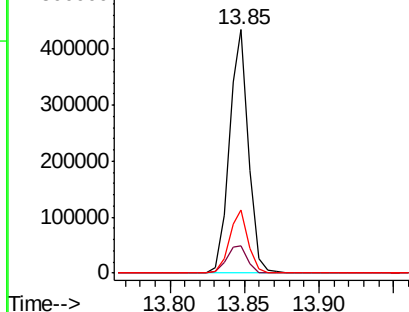


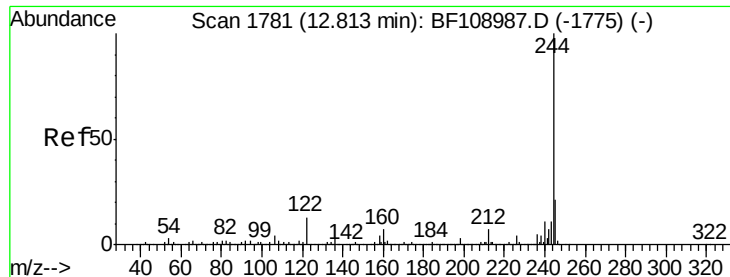
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109031.D
Acq: 15 Sep 2018 8:12

Tgt Ion:240 Resp: 393026
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 25.7 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: 108.870 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109031.D

Acq: 15 Sep 2018 8:12

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-U-B

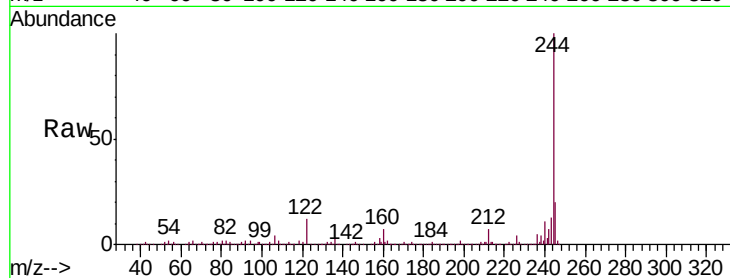
Tgt Ion:244 Resp: 1805225

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

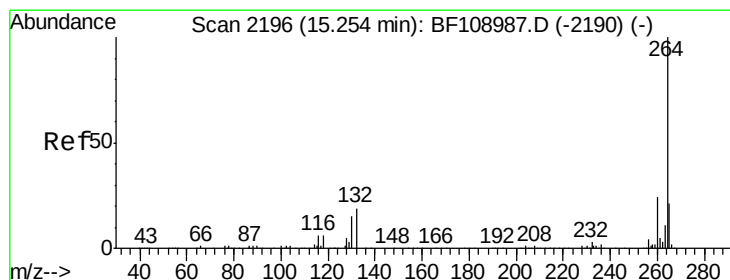
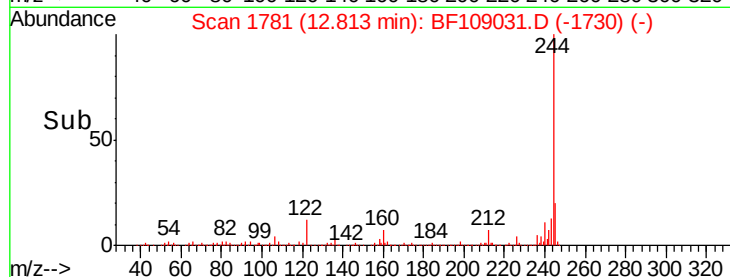
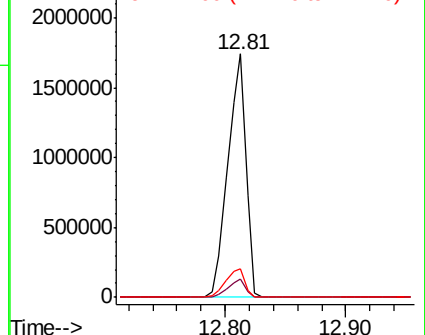
122 11.8 11.0 16.4



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: BF109031.D

Acq: 15 Sep 2018 8:12

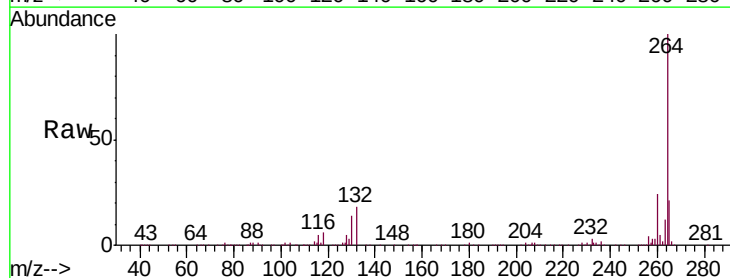
Tgt Ion:264 Resp: 367305

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 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

