

Data File : BF109028.D
Acq On : 15 Sep 2018 6:51
Operator : JU/SJ
Sample : J4901-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Sep 17 03:15:32 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

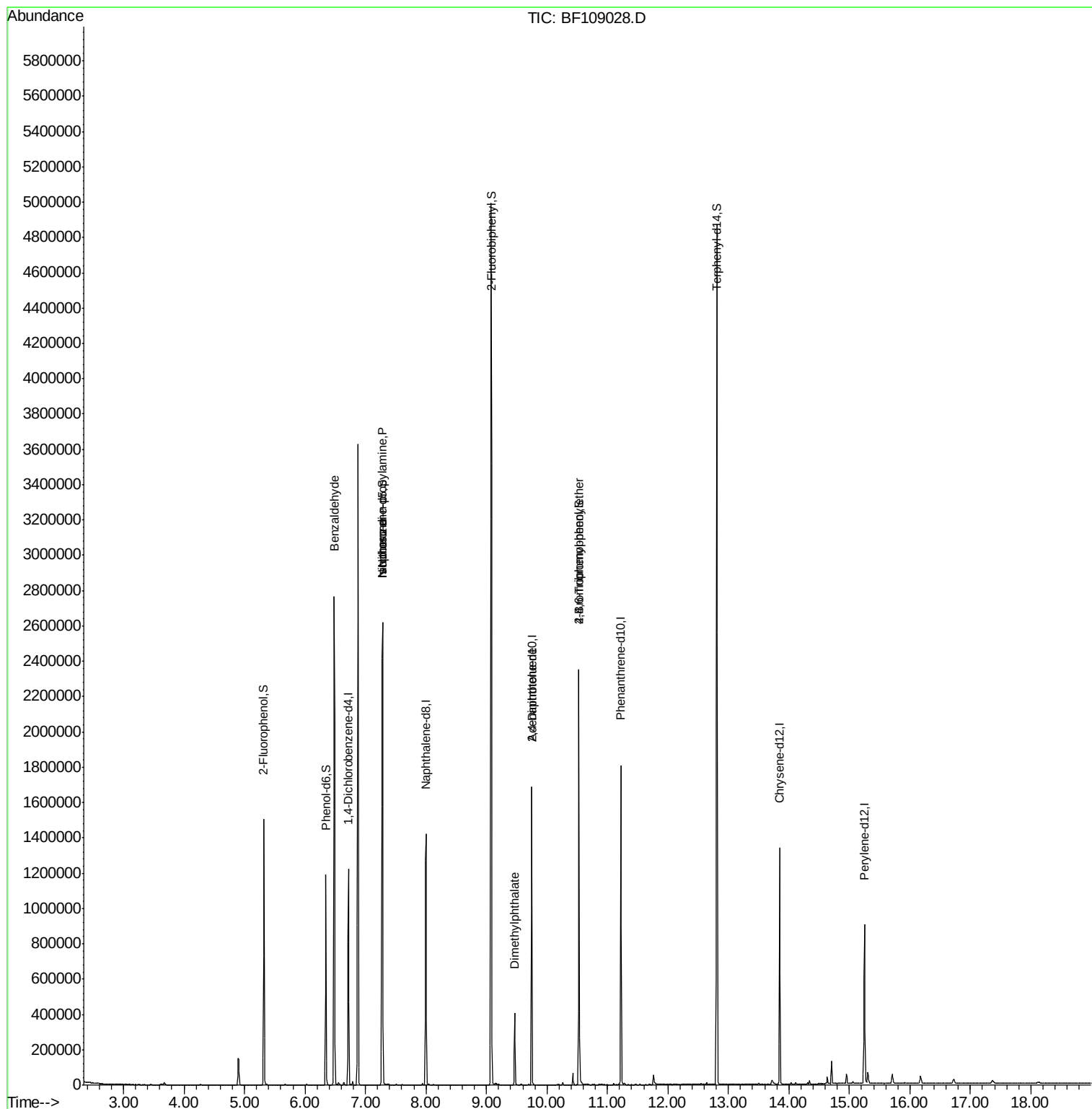
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	164882	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	630514	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	303696	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	597501	20.00	ng	0.00
75) Chrysene-d12	13.85	240	420495	20.00	ng	-0.01
86) Perylene-d12	15.25	264	398419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	426122	42.92	ng	0.00
7) Phenol-d6	6.34	99	367776	28.73	ng	-0.02
23) Nitrobenzene-d5	7.28	82	989816	88.05	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	288885	87.65	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1635721	84.38	ng	0.00
78) Terphenyl-d14	12.81	244	1783172	100.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	16935	2.071	ng	# 75
19) n-Nitroso-di-n-propylamine	7.28	70	134253	15.867	ng	# 76
25) Isophorone	7.28	82	984132	50.929	ng	# 64
49) Dimethylphthalate	9.47	163	146969	6.771	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	38966	6.190	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	17541	2.604	ng	# 1

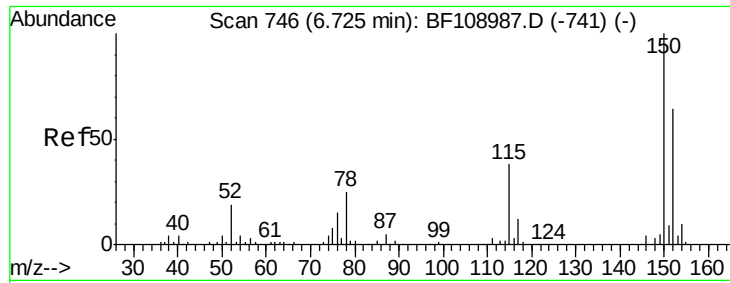
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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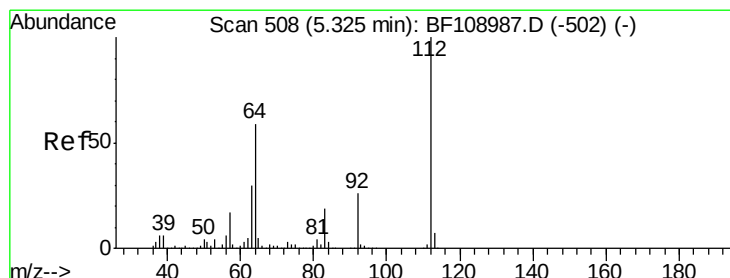
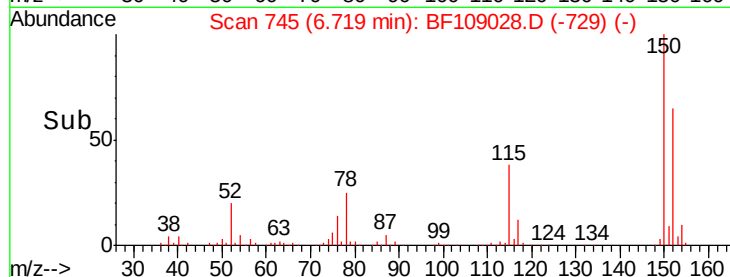
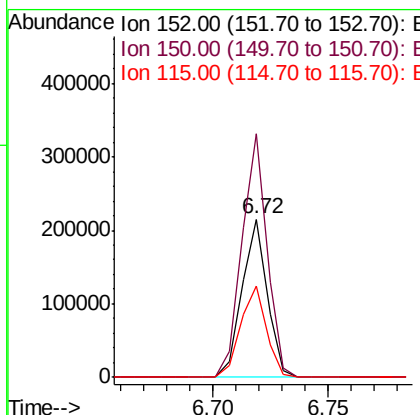
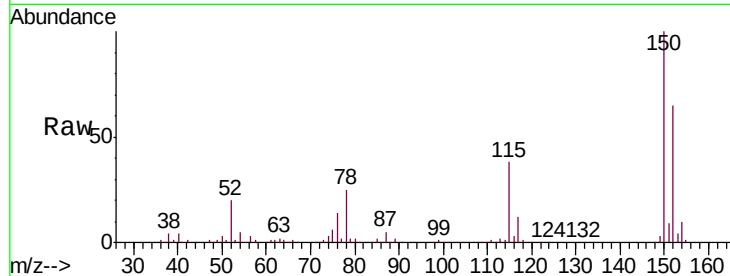




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

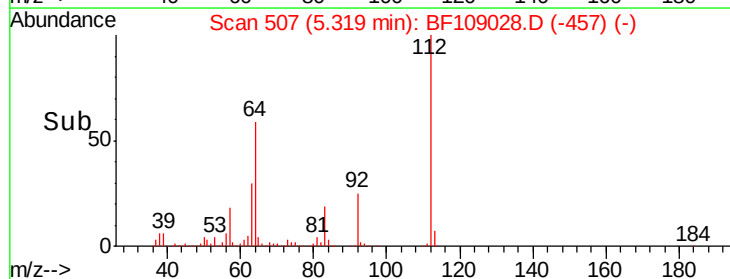
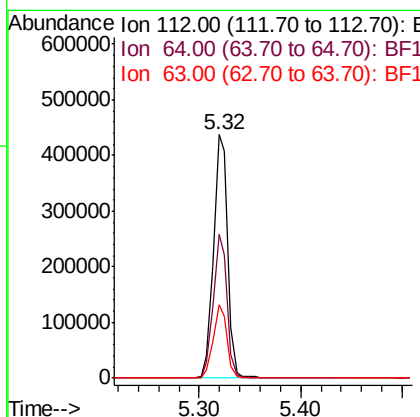
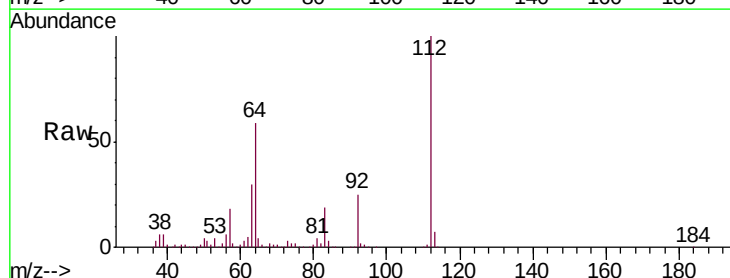
Instrument :
 BNA_F
 ClientSampleId :
 091218-SIDI-F-D-B

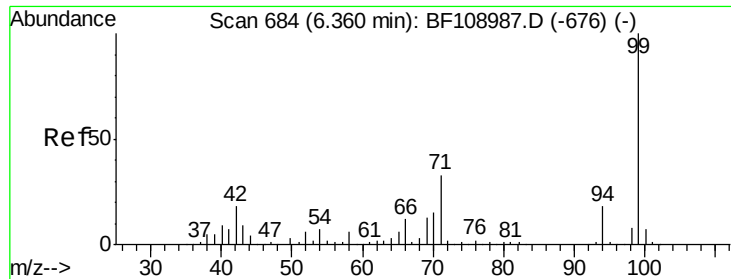
Tgt Ion:152 Resp: 164882
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 57.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 42.924 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

Tgt Ion:112 Resp: 426122
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 28.731 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109028.D

Acq: 15 Sep 2018 6:51

Instrument :

BNA_F

ClientSampleId :

091218-SIDI-F-D-B

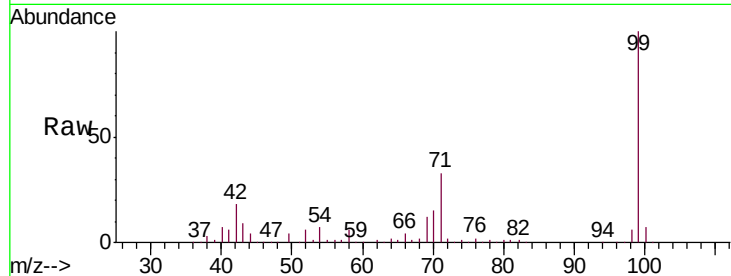
Tgt Ion: 99 Resp: 367776

Ion Ratio Lower Upper

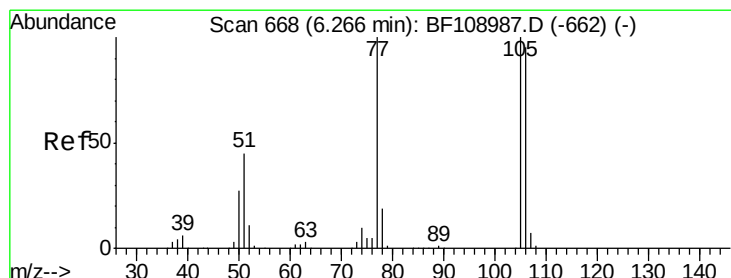
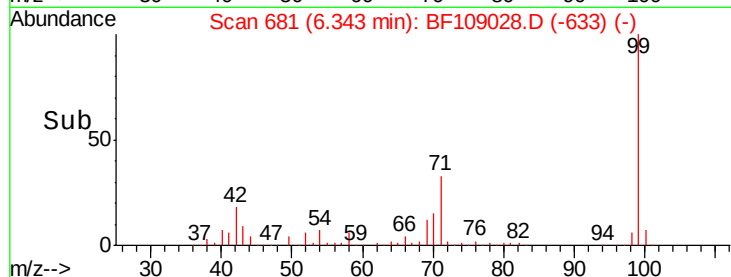
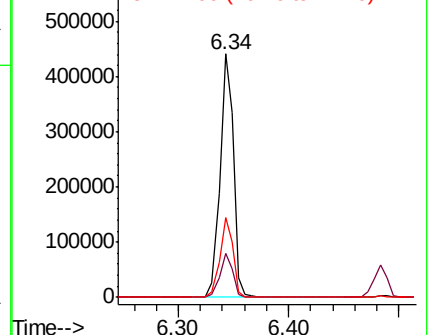
99 100

42 17.9 14.5 21.7

71 32.7 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: 2.071 ng

RT: 6.48 min Scan# 705

Delta R.T. 0.22 min

Lab File: BF109028.D

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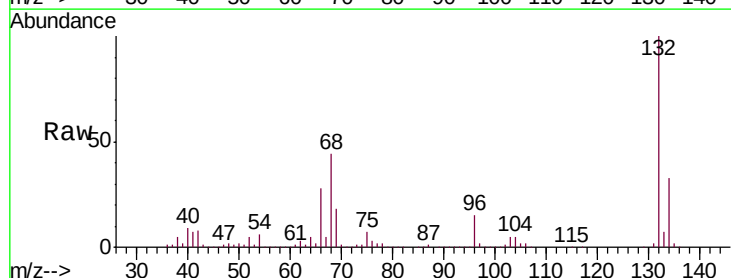
Tgt Ion: 77 Resp: 16935

Ion Ratio Lower Upper

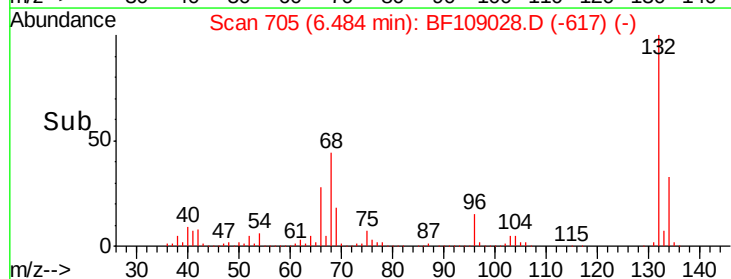
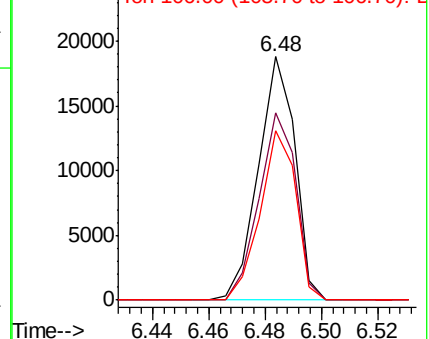
77 100

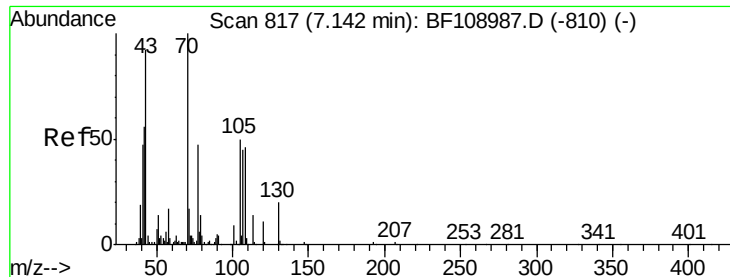
105 76.9 81.1 121.1#

106 69.7 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

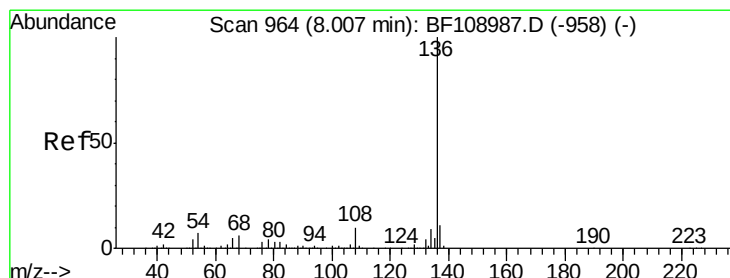
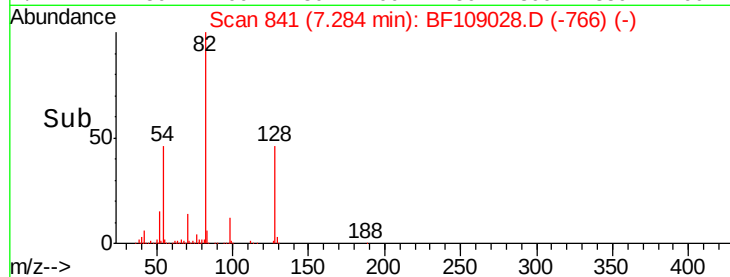
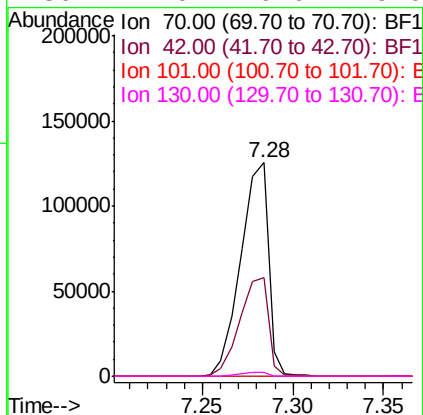
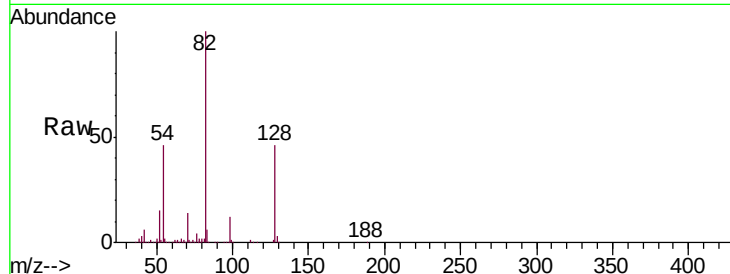




#19
n-Nitroso-di-n-propylamine
Concen: 15.867 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109028.D
Acq: 15 Sep 2018 6:51

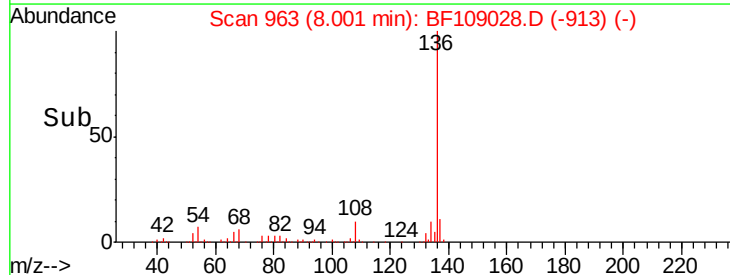
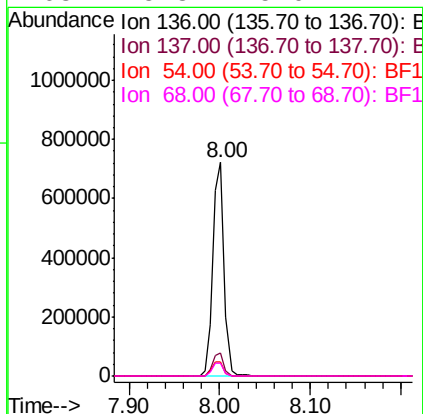
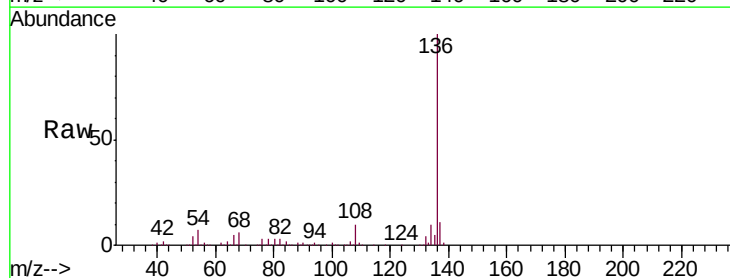
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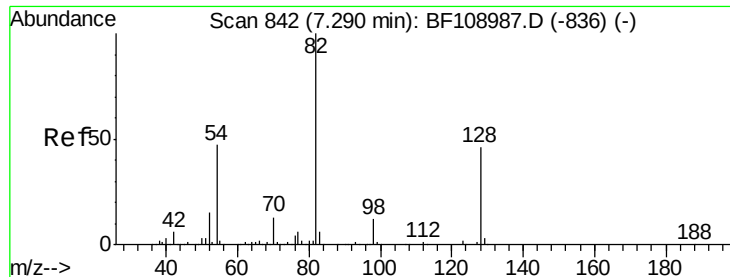
Tgt Ion: 70 Resp: 134253
Ion Ratio Lower Upper
70 100
42 46.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109028.D
Acq: 15 Sep 2018 6:51

Tgt Ion: 136 Resp: 630514
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.8 6.6 9.8
68 5.8 5.0 7.4

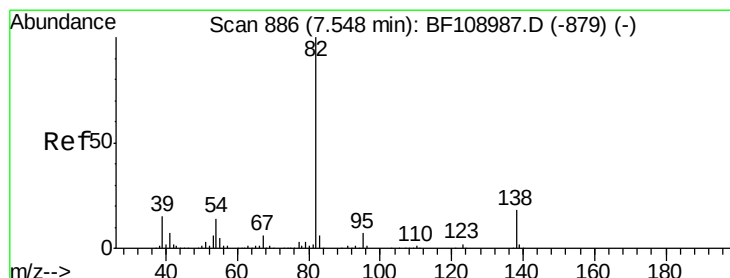
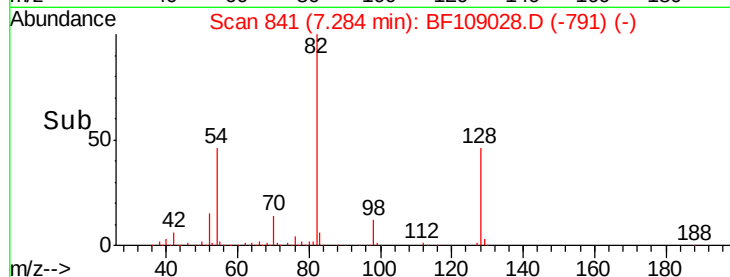
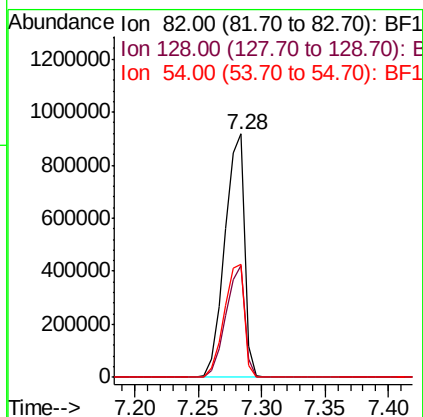
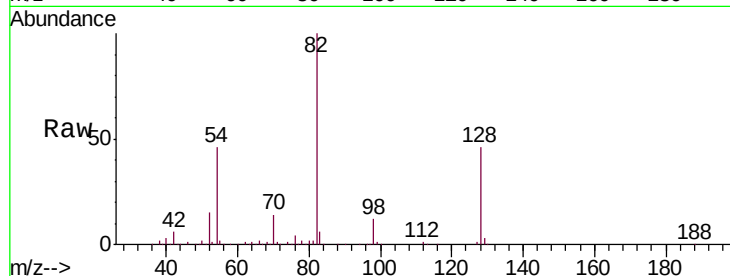




#23
 Nitrobenzene-d5
 Concen: 88.050 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

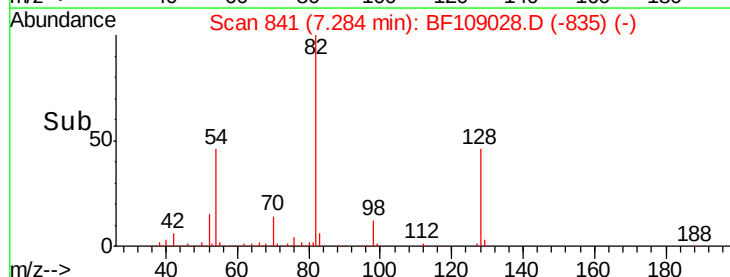
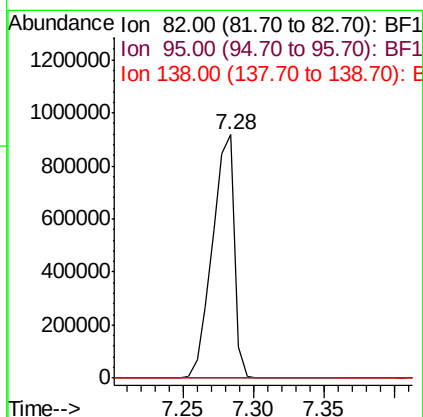
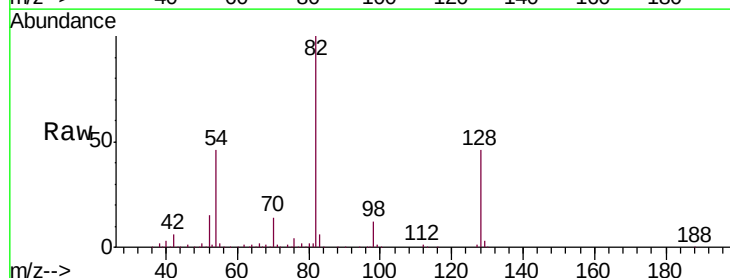
Instrument :
 BNA_F
 ClientSampleId :
 091218-SIDI-F-D-B

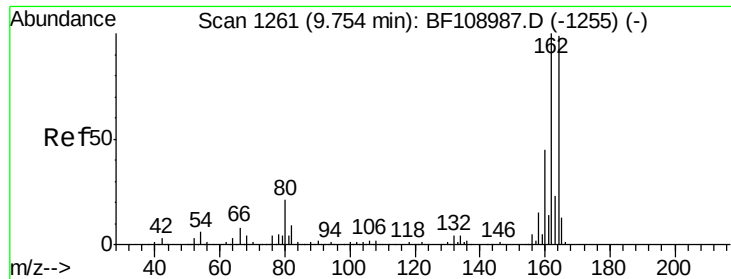
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	46.2	41.4	62.2



#25
 Isophorone
 Concen: 50.929 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

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

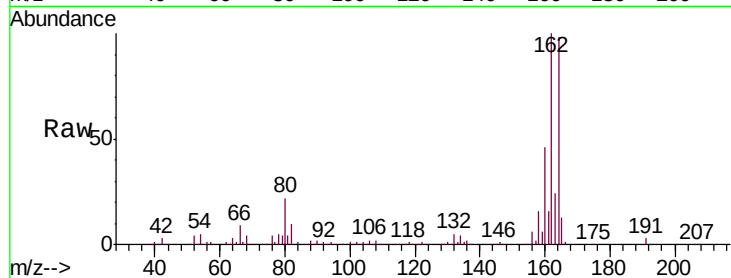




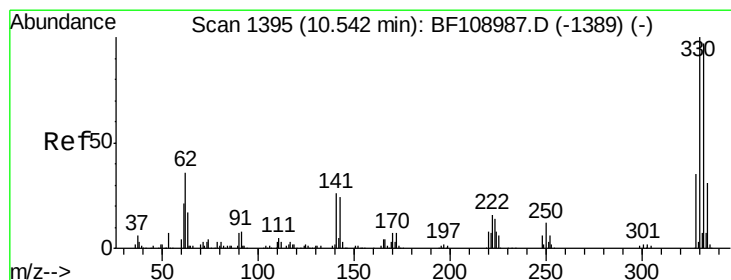
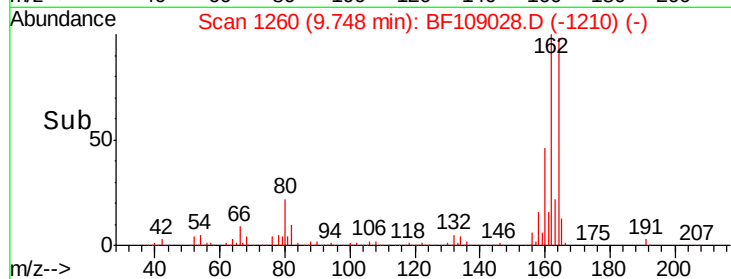
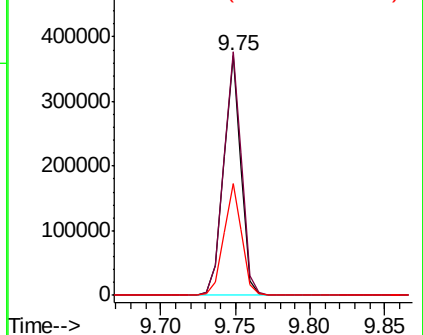
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.5	38.3	57.5

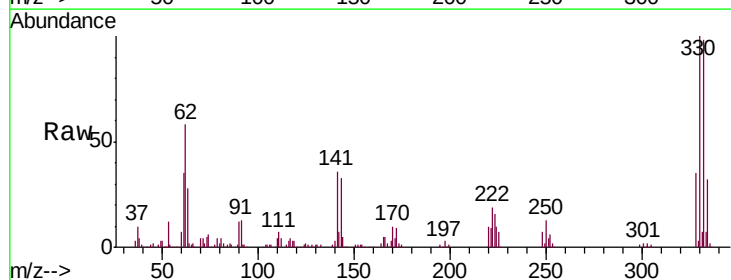


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

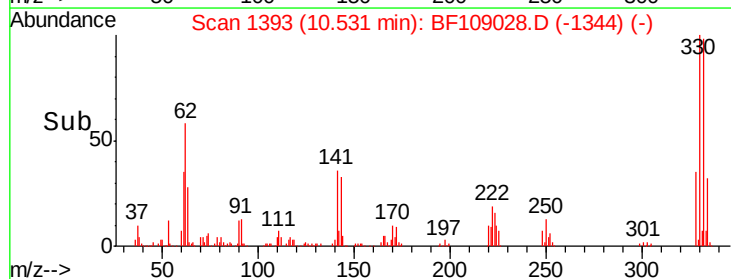
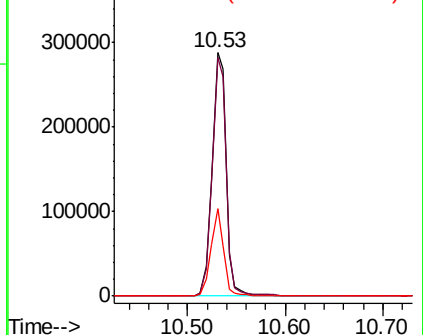


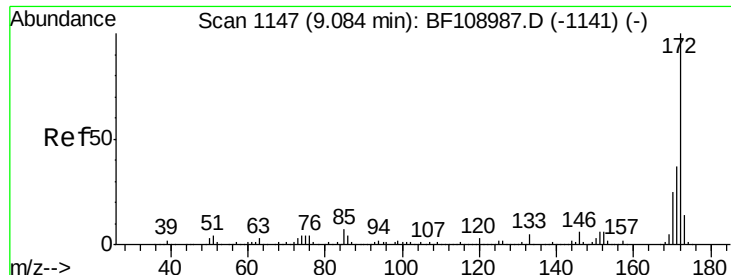
#41
 2,4,6-Tribromophenol
 Concen: 87.649 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	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

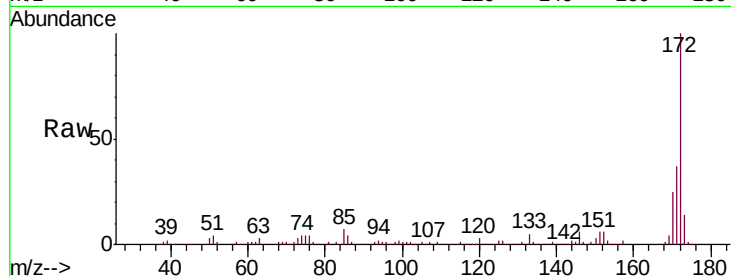




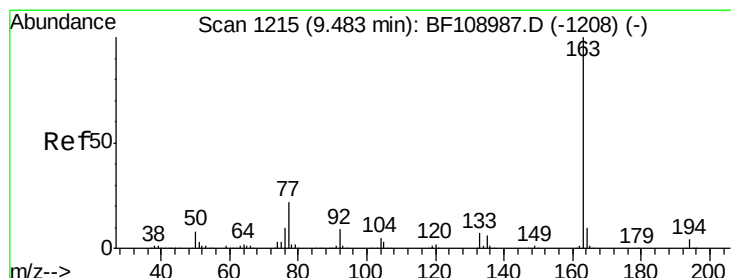
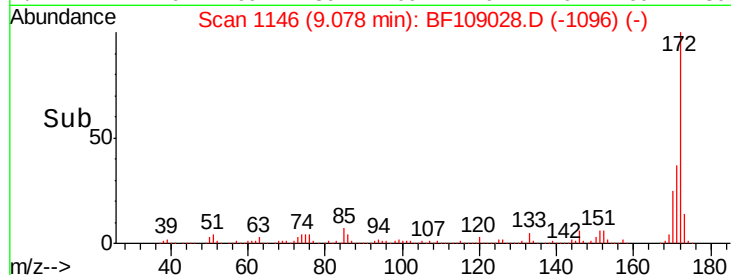
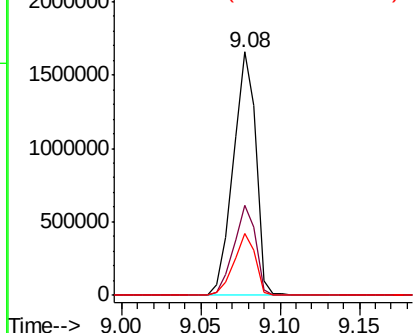
#44
2-Fluorobiphenyl
Concen: 84.385 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109028.D
Acq: 15 Sep 2018 6:51

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

Tgt Ion:172 Resp: 1635721
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 25.2 19.6 29.4

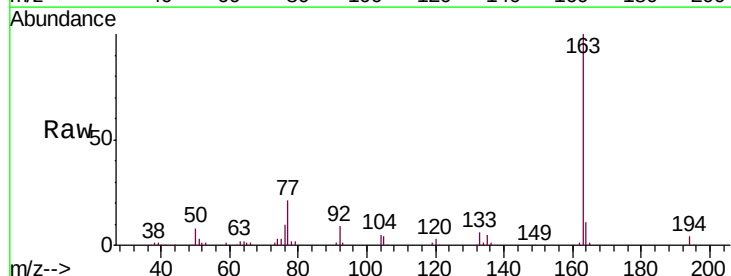


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

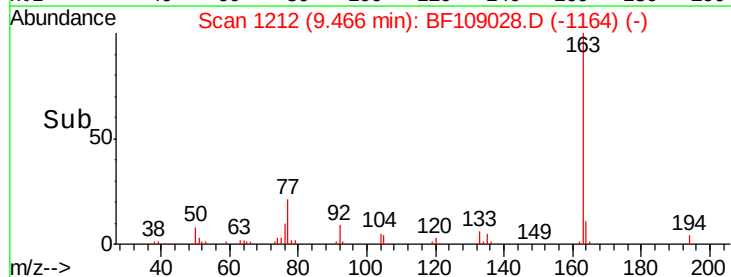
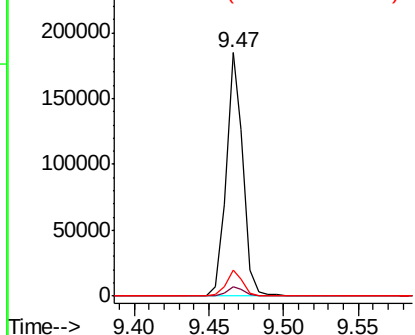


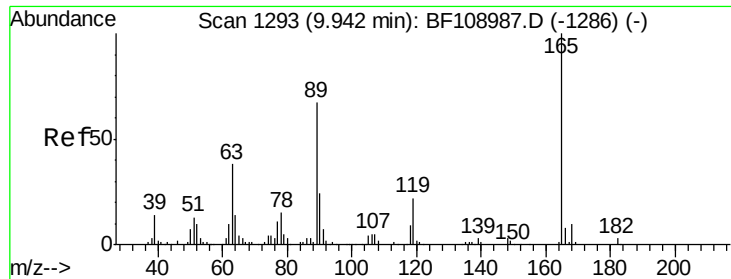
#49
Dimethylphthalate
Concen: 6.771 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109028.D
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Tgt Ion:163 Resp: 146969
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2



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

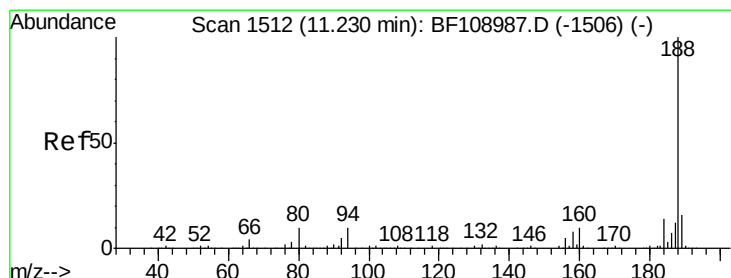
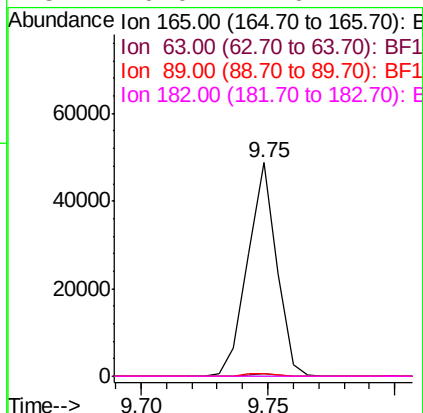
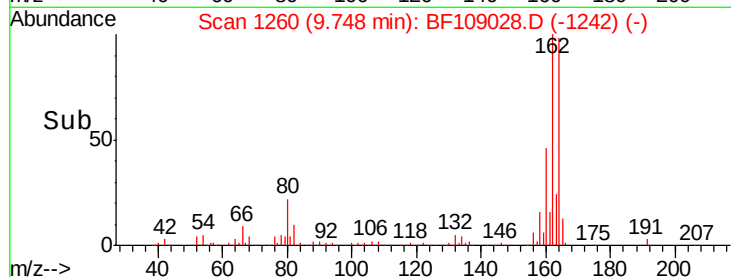
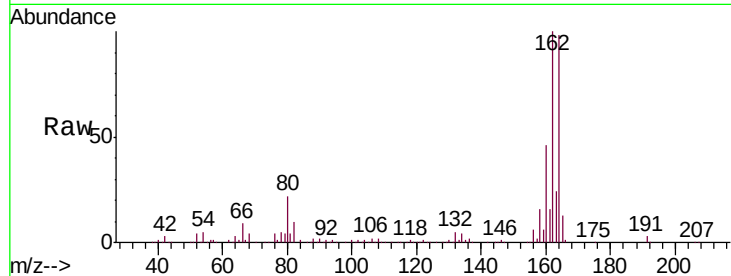




#56
 2,4-Dinitrotoluene
 Concen: 6.190 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

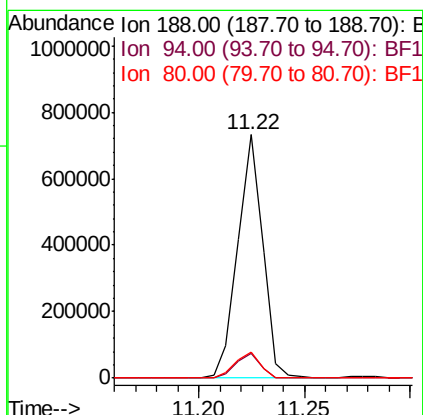
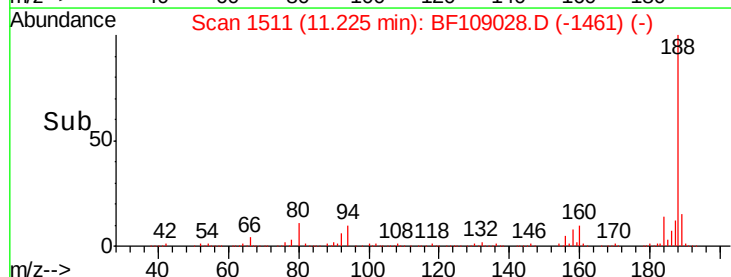
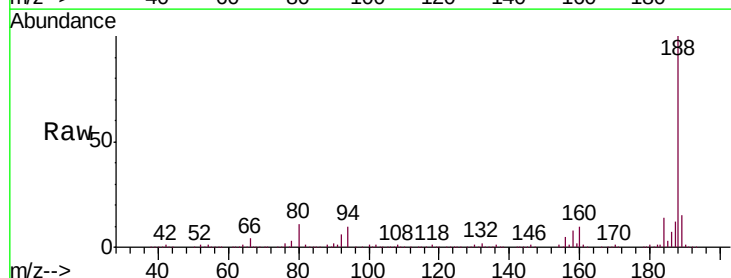
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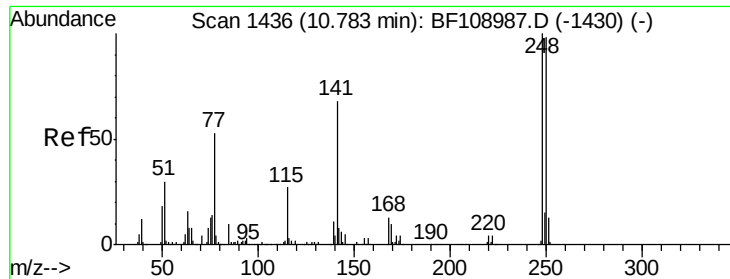
Tgt Ion:	165	Resp:	38966
Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

Tgt Ion:	188	Resp:	597501
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.7	9.2	13.8

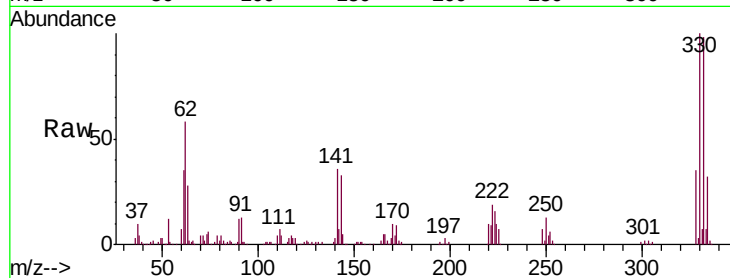




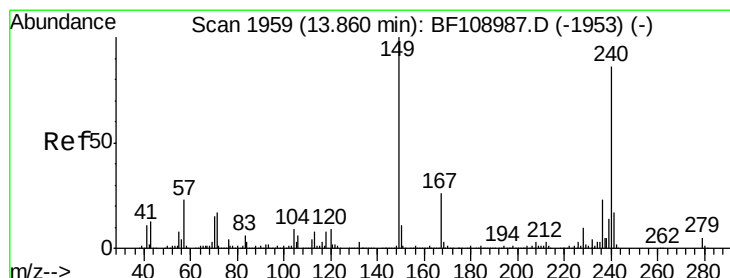
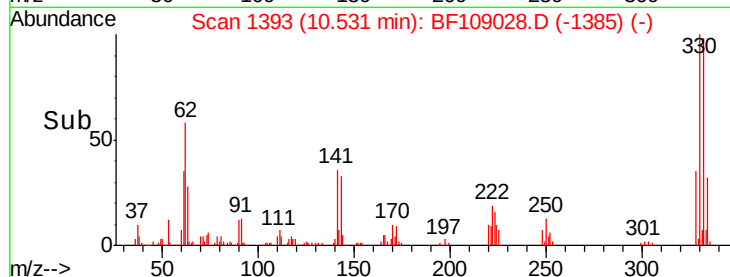
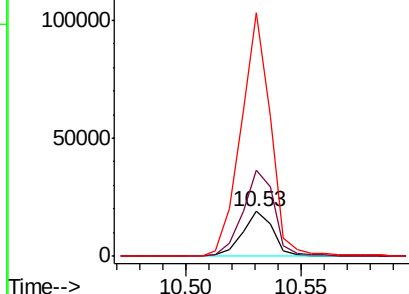
#66
 4-Bromophenyl-phenylether
 Concen: 2.604 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

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

Tgt Ion:248 Resp: 17541
 Ion Ratio Lower Upper
 248 100
 250 191.1 76.9 115.3#
 141 542.1 74.4 111.6#

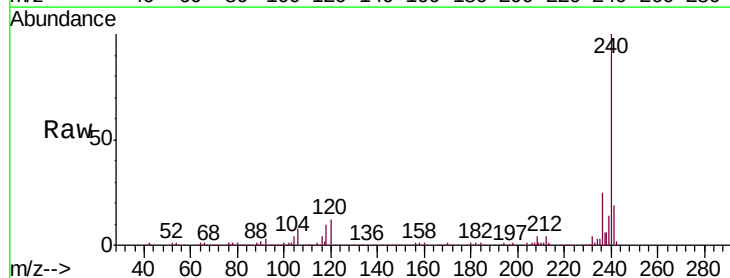


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

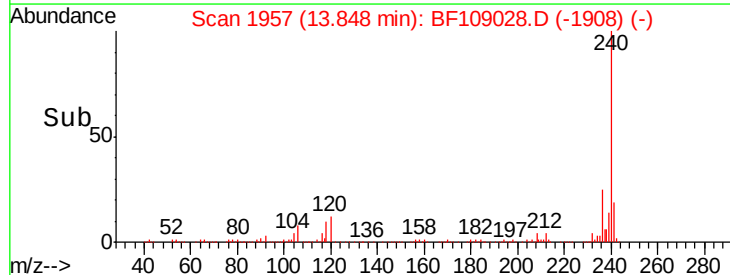
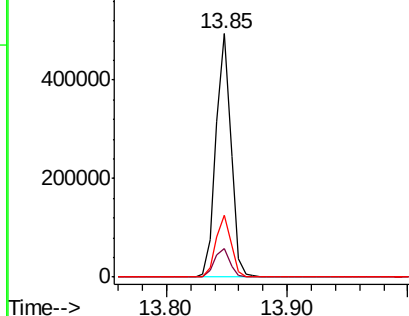


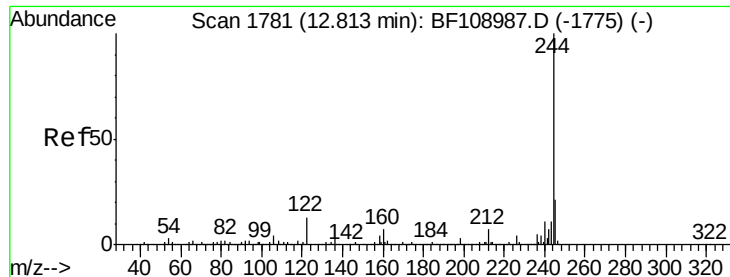
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

Tgt Ion:240 Resp: 420495
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.5 14.3
 236 25.2 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

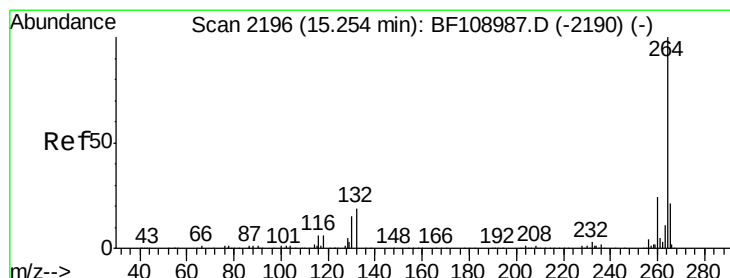
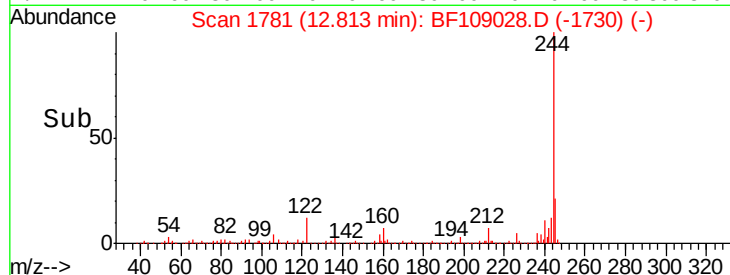
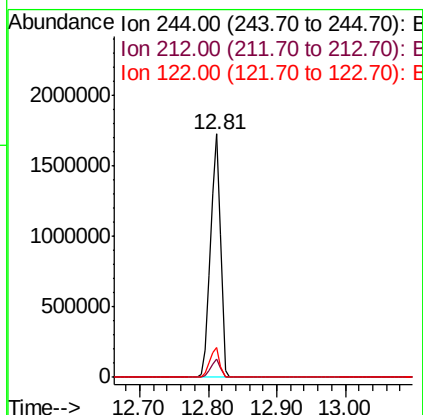
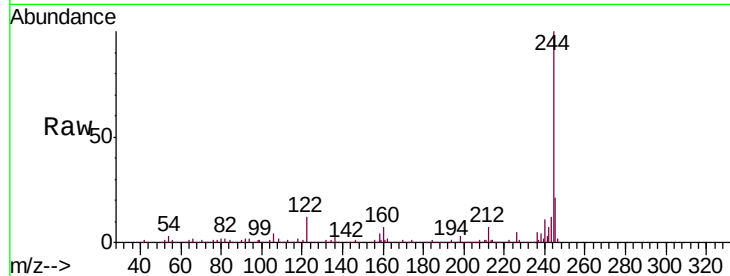




#78
 Terphenyl-d14
 Concen: 100.515 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

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

Tgt Ion:244 Resp: 1783172
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF109028.D
 Acq: 15 Sep 2018 6:51

Tgt Ion:264 Resp: 398419
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.3 17.5 26.3

