

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109817.D
 Acq On : 12 Oct 2018 6:12
 Operator : JU/SJ
 Sample : J5296-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-U-M

Quant Time: Oct 12 06:45:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

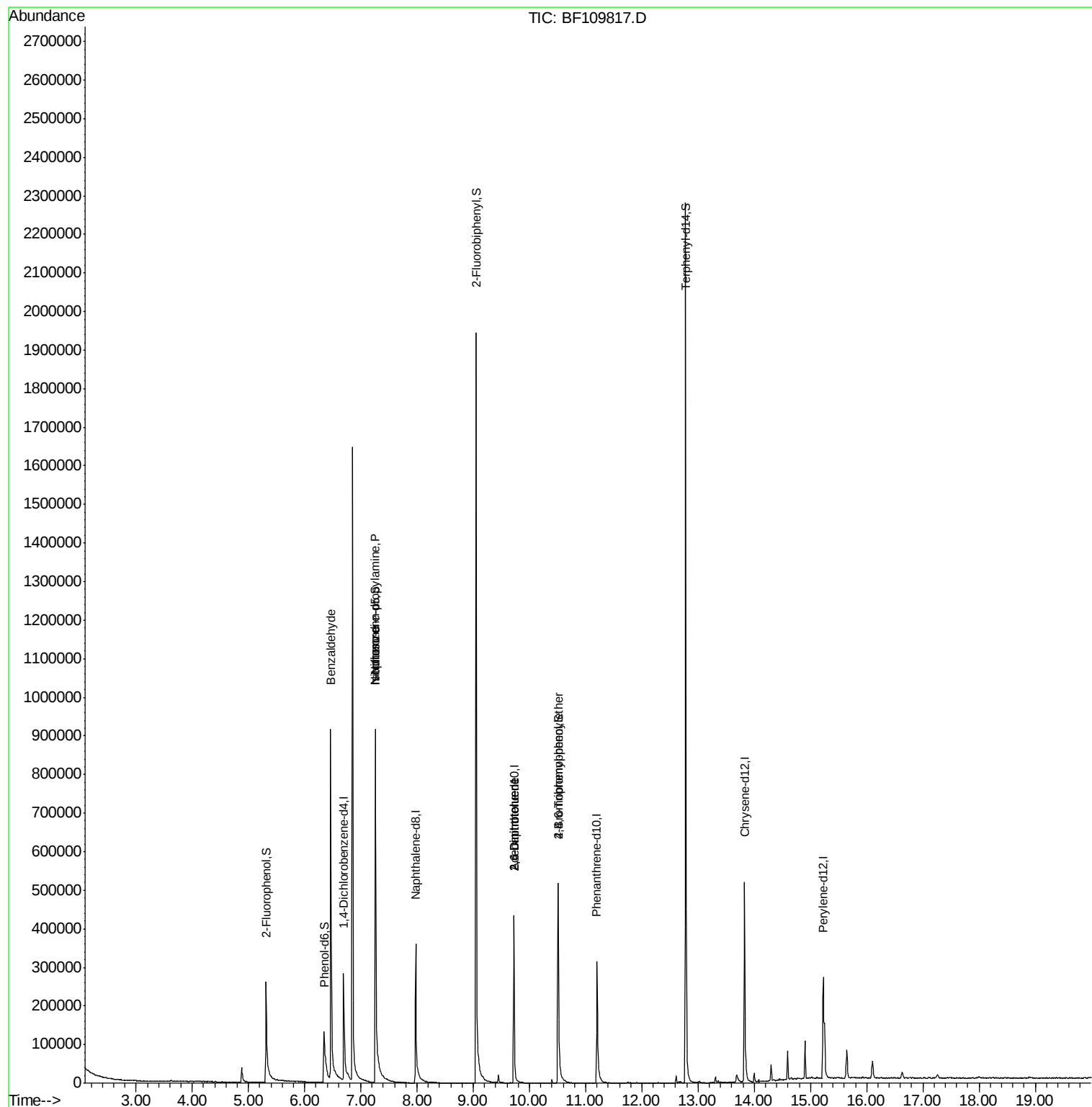
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	71179	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	266988	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	102875	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	209269	20.00	ng	0.00
75) Chrysene-d12	13.83	240	236667	20.00	ng	0.00
86) Perylene-d12	15.23	264	158335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	147747	36.84	ng	-0.01
7) Phenol-d6	6.35	99	114260	21.33	ng	-0.01
23) Nitrobenzene-d5	7.26	82	473723	97.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	100579	89.73	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	784981	105.09	ng	0.00
78) Terphenyl-d14	12.78	244	883049	72.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	7204	2.090	ng	# 78
19) n-Nitroso-di-n-propylamine	7.26	70	60339	16.062	ng	# 78
25) Isophorone	7.26	82	473723	58.900	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	12344	7.548	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	12344	6.048	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	5993	2.492	ng	# 1

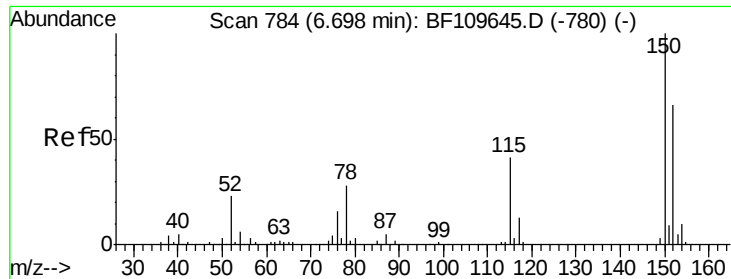
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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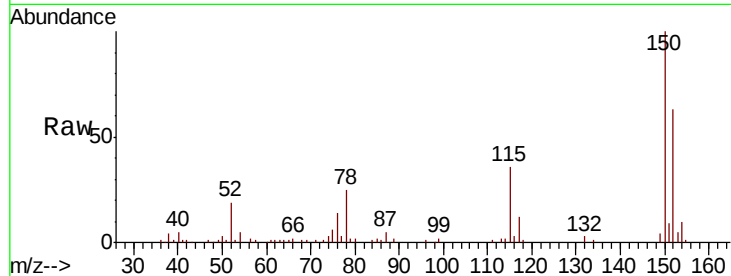


#1

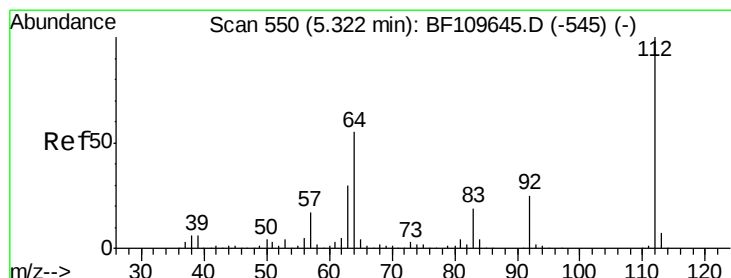
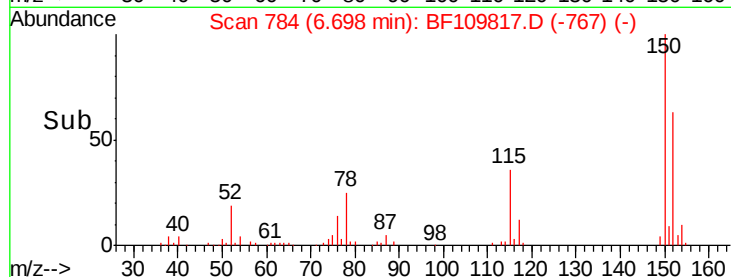
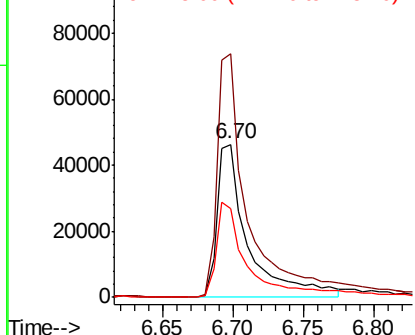
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109817.D
Acq: 12 Oct 2018 6:12

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-U-M

Tgt Ion:152 Resp: 71179
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 58.1 49.1 73.7



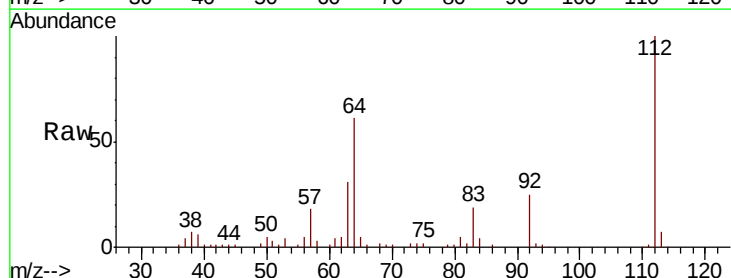
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



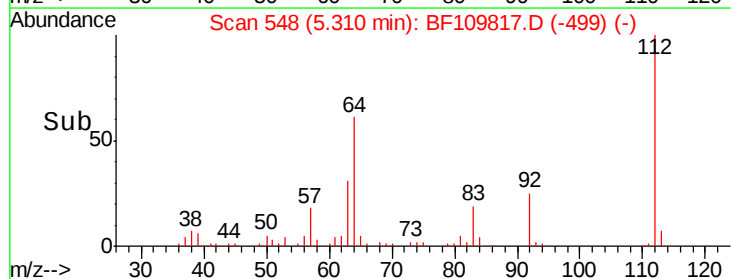
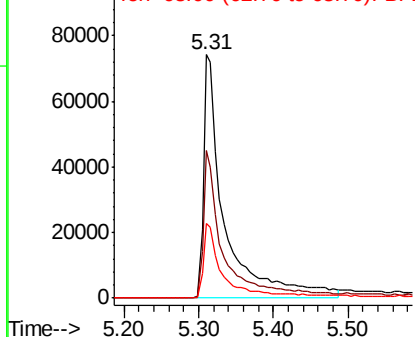
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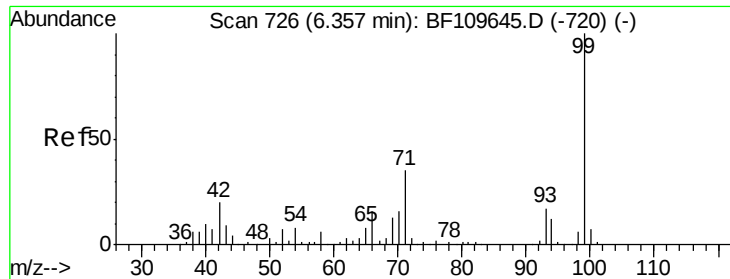
2-Fluorophenol
Concen: 36.845 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109817.D
Acq: 12 Oct 2018 6:12

Tgt Ion:112 Resp: 147747
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 30.9 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: 21.329 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109817.D

Acq: 12 Oct 2018 6:12

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-U-M

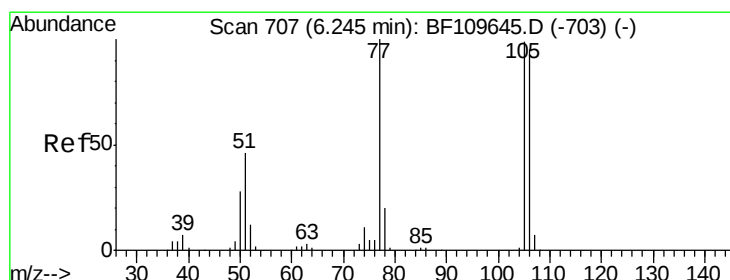
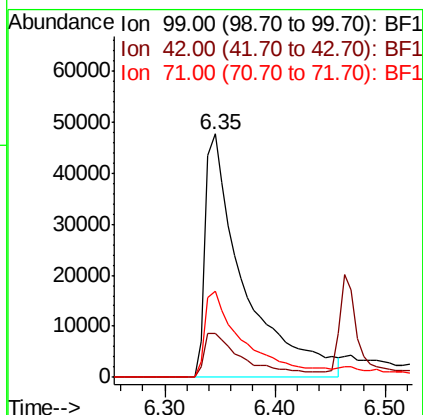
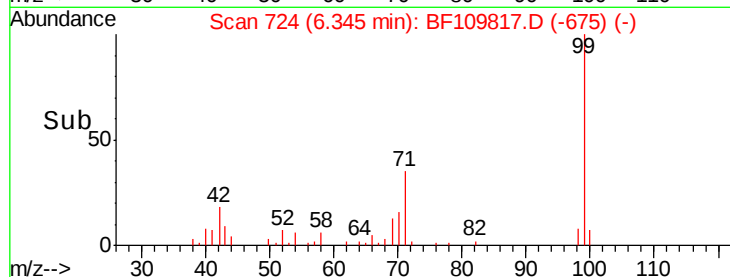
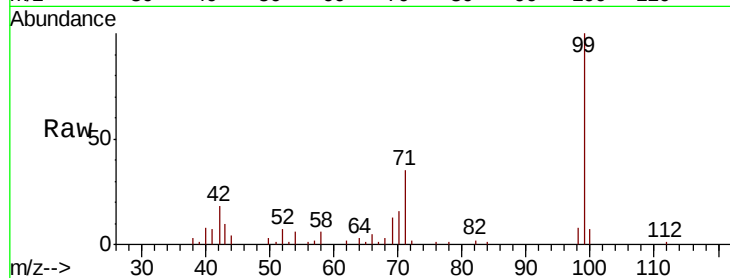
Tgt Ion: 99 Resp: 114260

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 35.3 28.0 42.0



#9

Benzaldehyde

Concen: 2.090 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109817.D

Acq: 12 Oct 2018 6:12

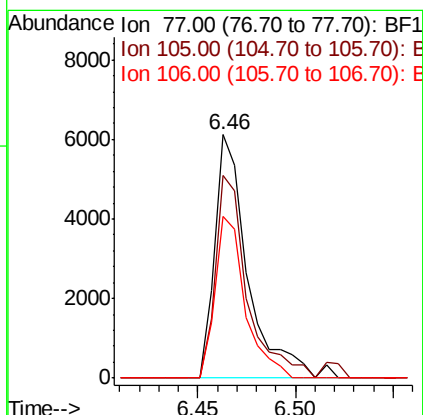
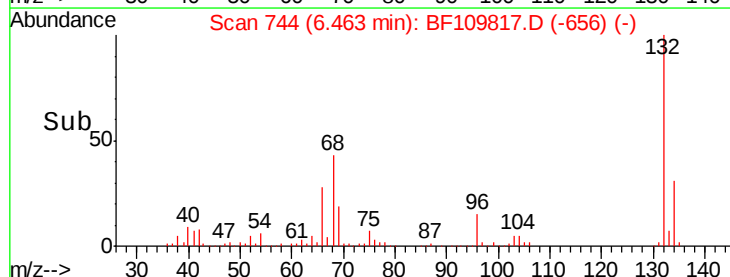
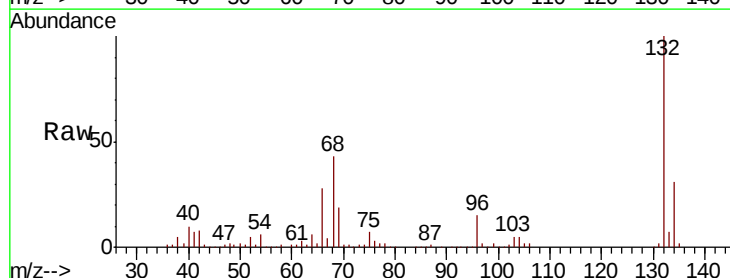
Tgt Ion: 77 Resp: 7204

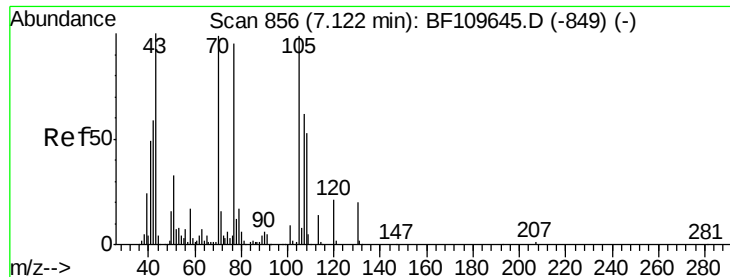
Ion Ratio Lower Upper

77 100

105 83.2 78.6 118.6

106 66.4 74.8 114.8#

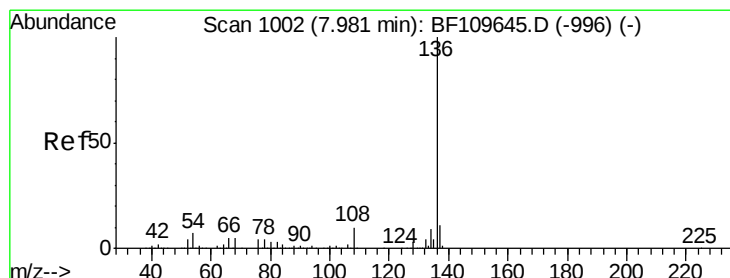
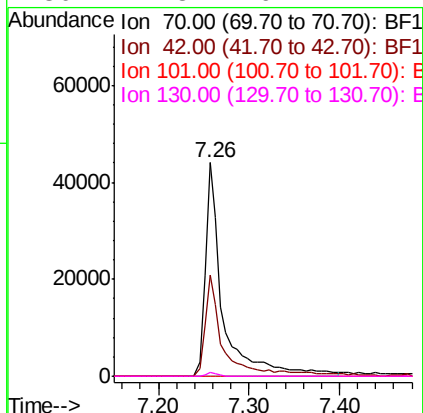
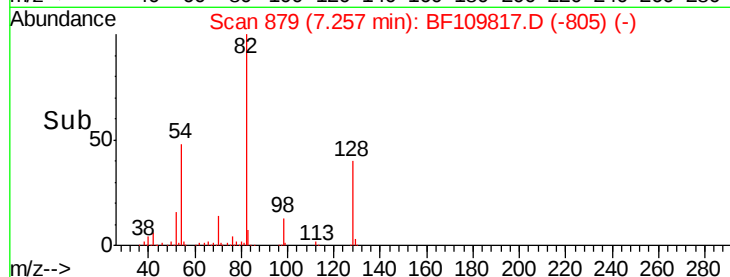
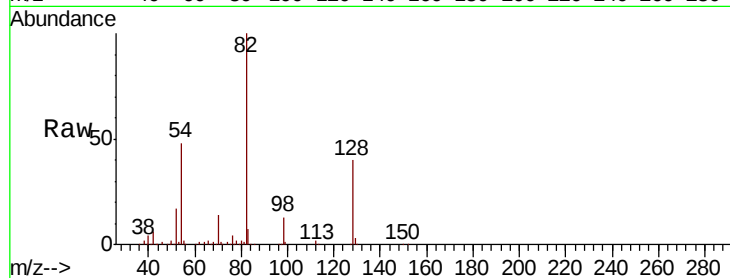




#19
n-Nitroso-di-n-propylamine
Concen: 16.062 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109817.D
Acq: 12 Oct 2018 6:12

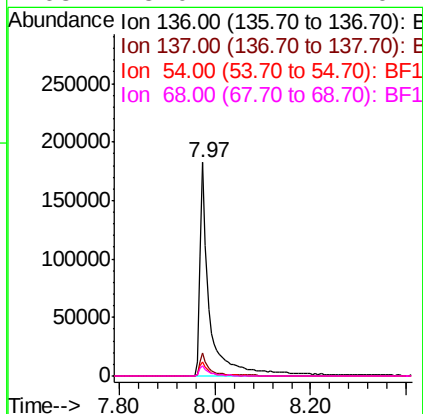
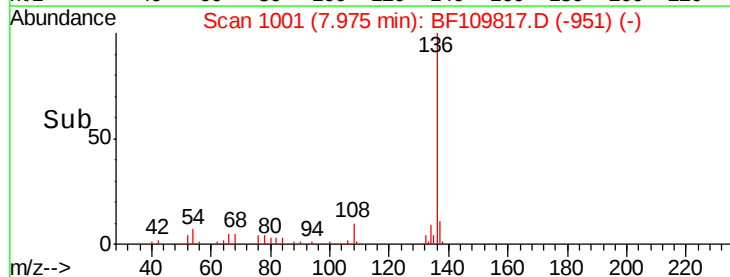
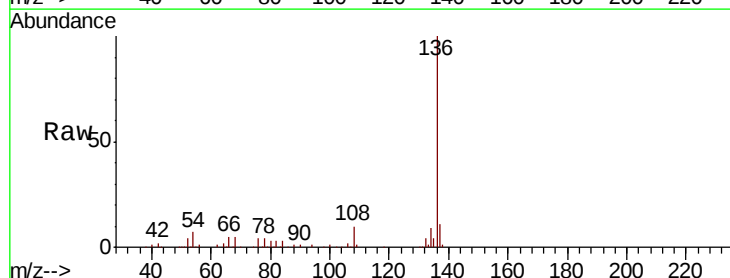
Instrument :
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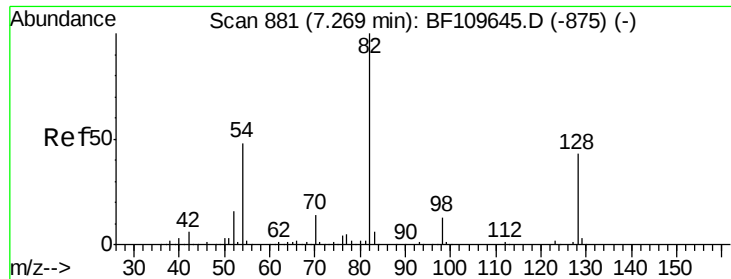
Tgt Ion: 70 Resp: 60339
Ion Ratio Lower Upper
70 100
42 47.2 47.4 71.2#
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109817.D
Acq: 12 Oct 2018 6:12

Tgt Ion: 136 Resp: 266988
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.7 5.4 8.2
68 5.0 4.2 6.2

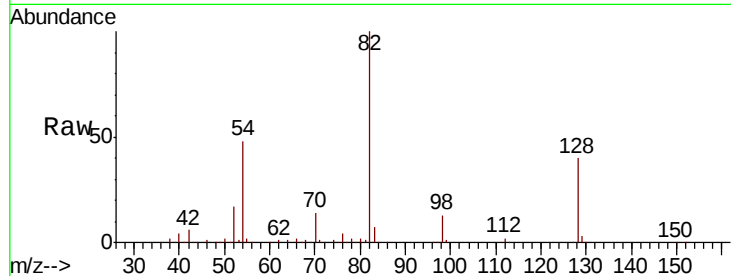




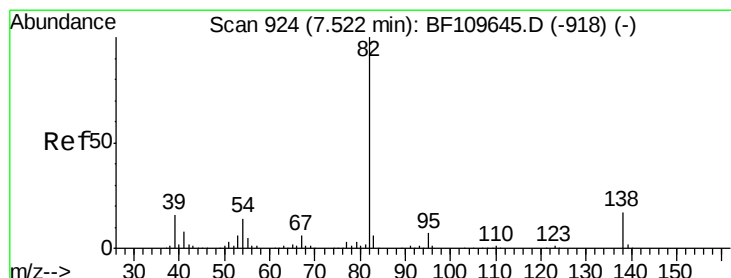
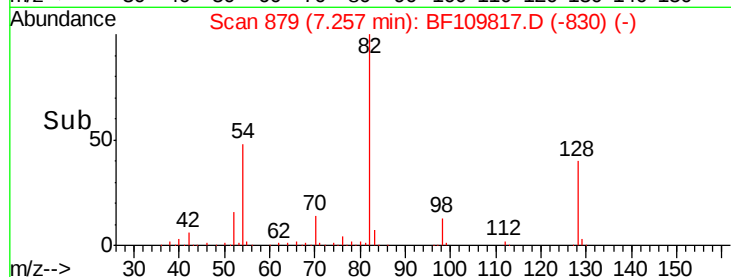
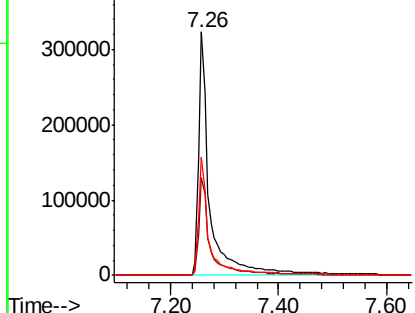
#23
Nitrobenzene-d5
Concen: 97.807 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109817.D
Acq: 12 Oct 2018 6:12

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-U-M

Tgt Ion: 82 Resp: 473723
Ion Ratio Lower Upper
82 100
128 40.4 34.2 51.2
54 48.4 38.6 58.0

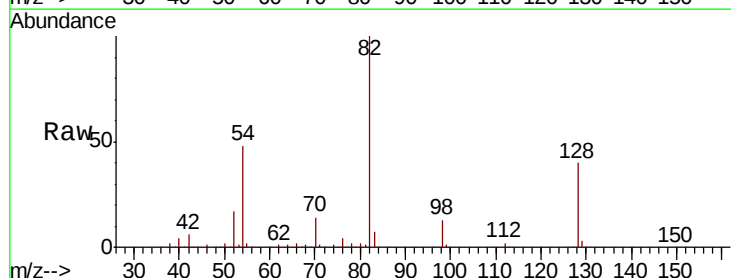


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

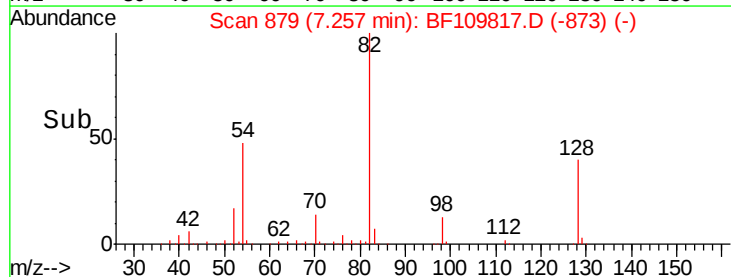
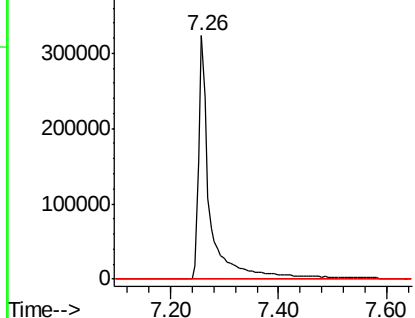


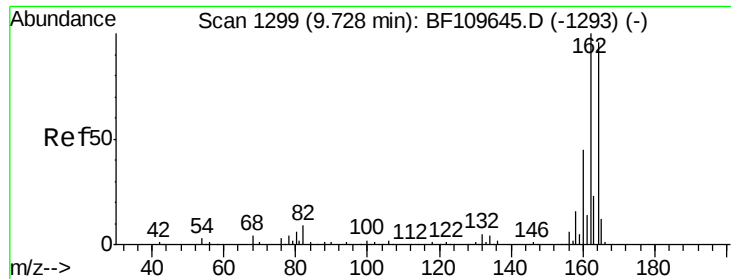
#25
Isophorone
Concen: 58.900 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109817.D
Acq: 12 Oct 2018 6:12

Tgt Ion: 82 Resp: 473723
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



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: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109817.D

Acq: 12 Oct 2018 6:12

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-U-M

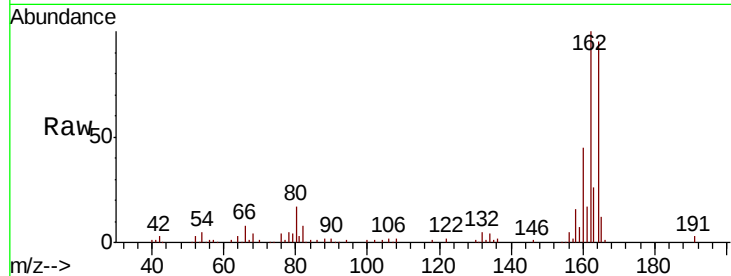
Tgt Ion:164 Resp: 102875

Ion Ratio Lower Upper

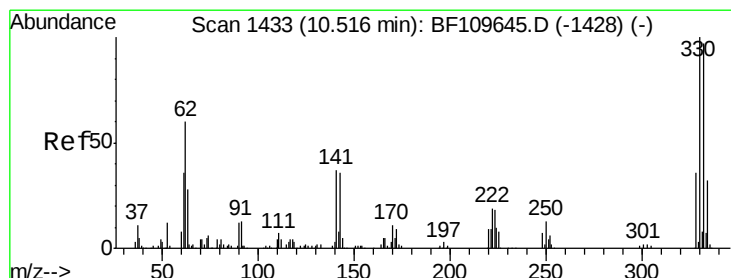
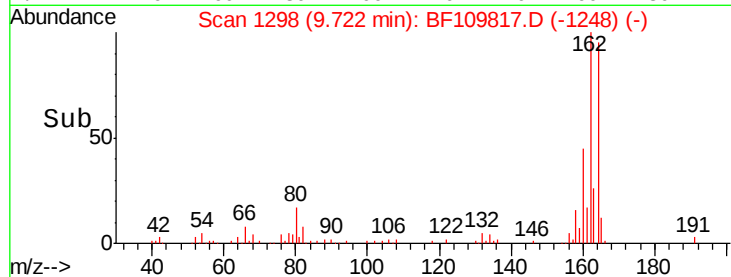
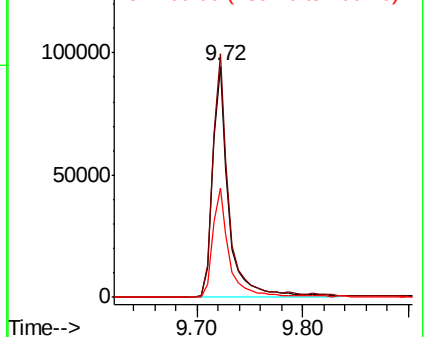
164 100

162 105.4 83.0 124.6

160 47.5 37.0 55.6



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: 89.728 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109817.D

Acq: 12 Oct 2018 6:12

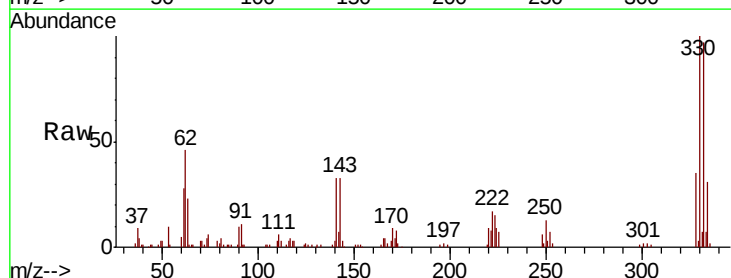
Tgt Ion:330 Resp: 100579

Ion Ratio Lower Upper

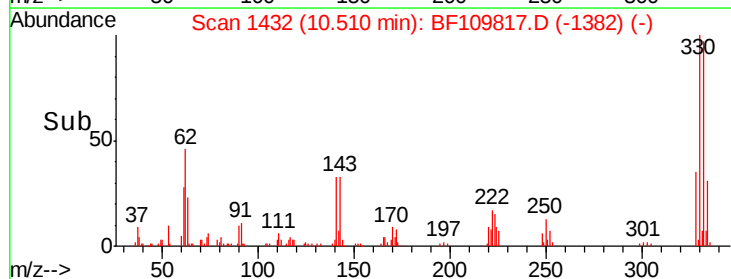
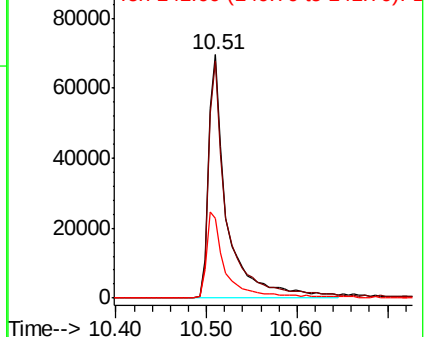
330 100

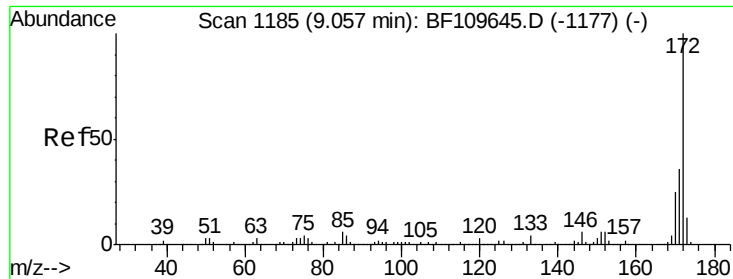
332 98.6 77.1 115.7

141 36.4 27.0 40.4



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

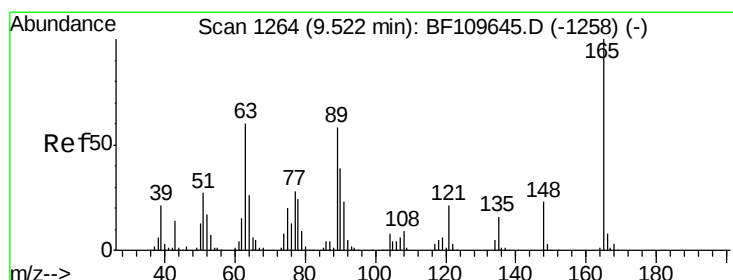
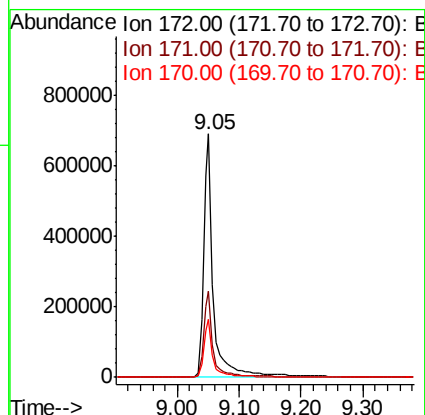
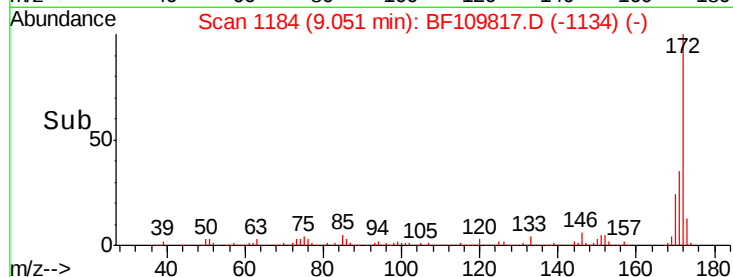
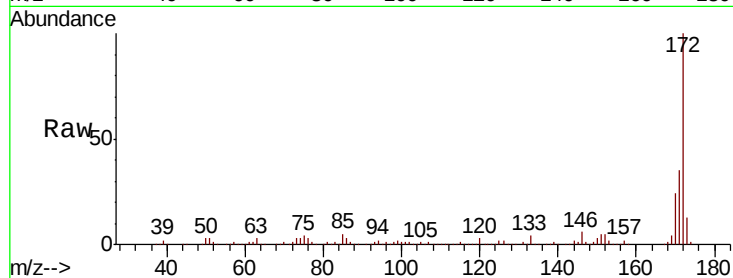




#44
2-Fluorobiphenyl
Concen: 105.090 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109817.D
Acq: 12 Oct 2018 6:12

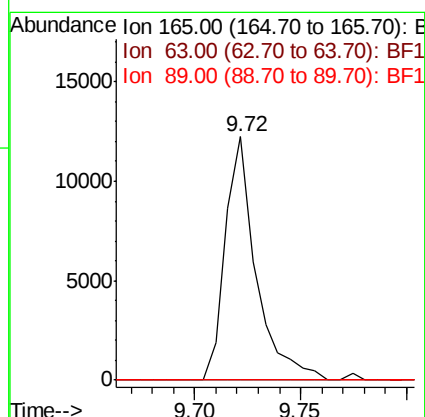
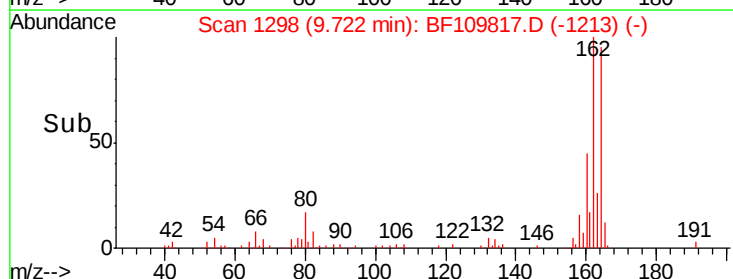
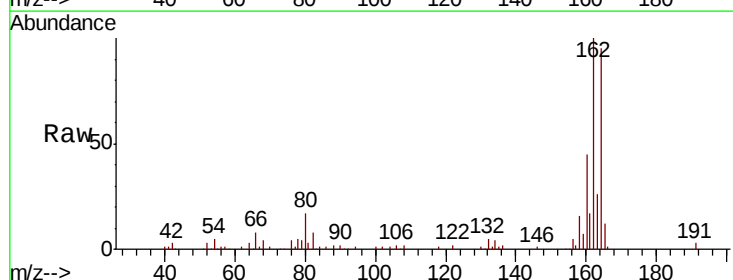
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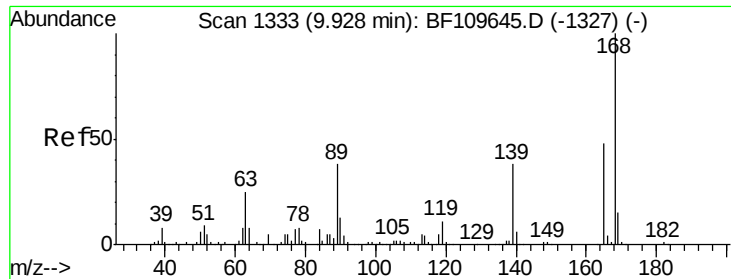
Tgt Ion:172 Resp: 784981
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 19.7 29.5



#50
2,6-Dinitrotoluene
Concen: 7.548 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109817.D
Acq: 12 Oct 2018 6:12

Tgt Ion:165 Resp: 12344
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 46.6 69.8#

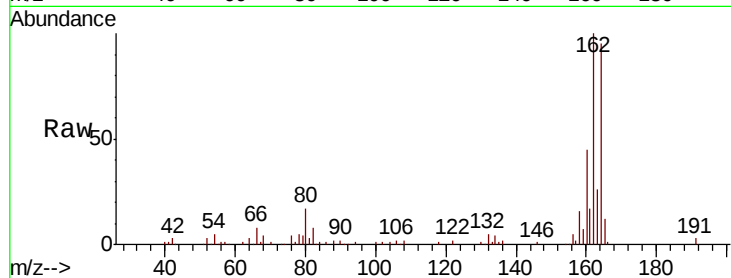




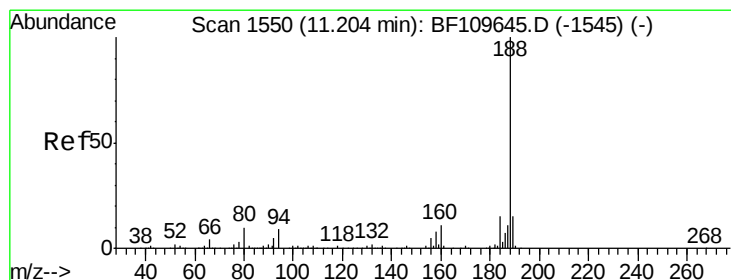
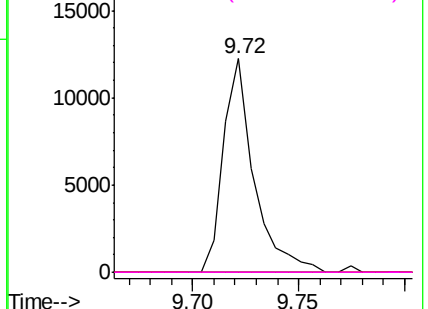
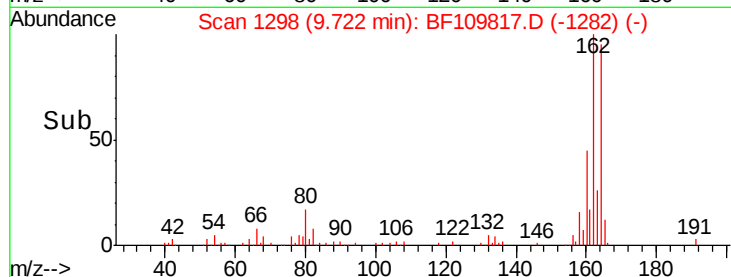
#56
2,4-Dinitrotoluene
Concen: 6.048 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109817.D
Acq: 12 Oct 2018 6:12

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-U-M

Tgt Ion:	165	Resp:	12344
Ion Ratio	Lower	Upper	
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

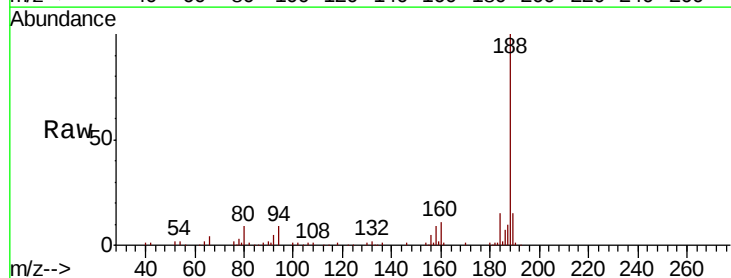


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

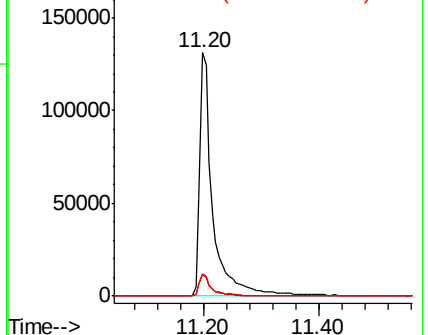
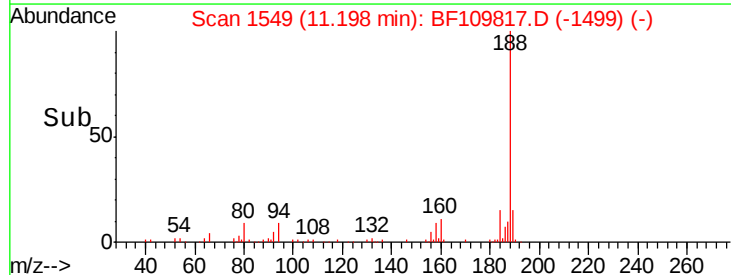


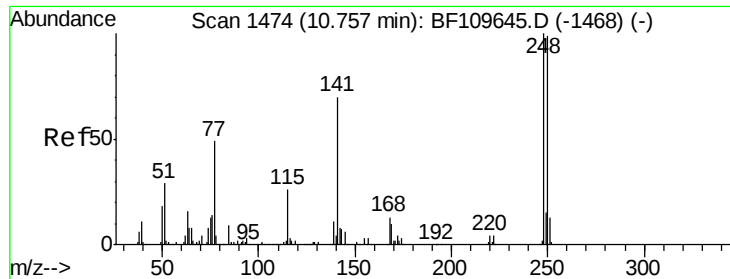
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109817.D
Acq: 12 Oct 2018 6:12

Tgt Ion:	188	Resp:	209269
Ion Ratio	Lower	Upper	
188	100		
94	9.0	7.2	10.8
80	9.3	7.9	11.9



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

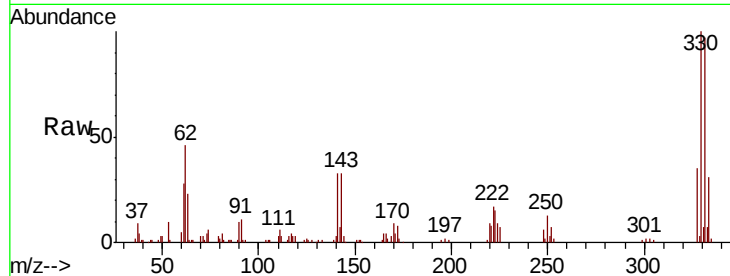




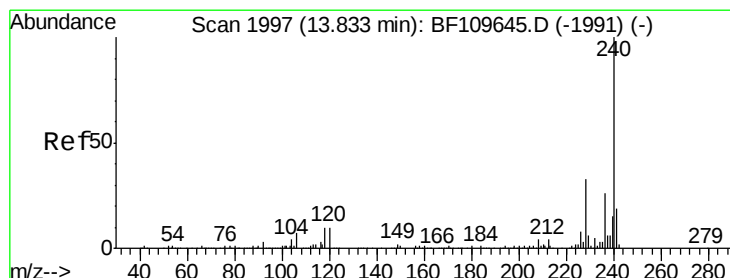
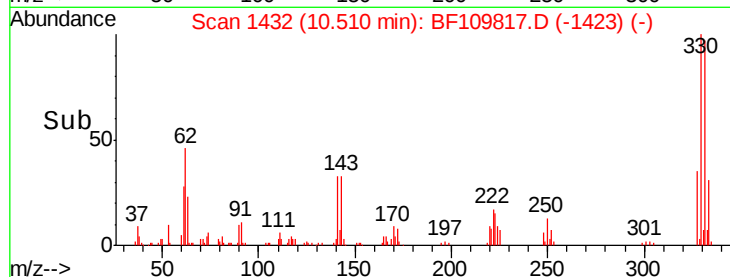
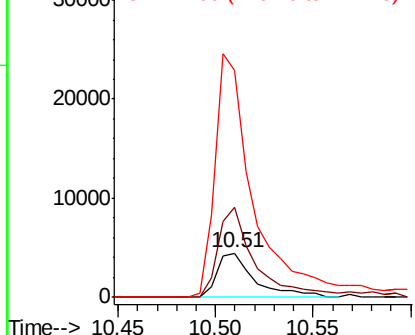
#66
 4-Bromophenyl-phenylether
 Concen: 2.492 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109817.D
 Acq: 12 Oct 2018 6:12

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-U-M

Tgt Ion:248 Resp: 5993
 Ion Ratio Lower Upper
 248 100
 250 203.1 79.4 119.2#
 141 515.9 55.9 83.9#

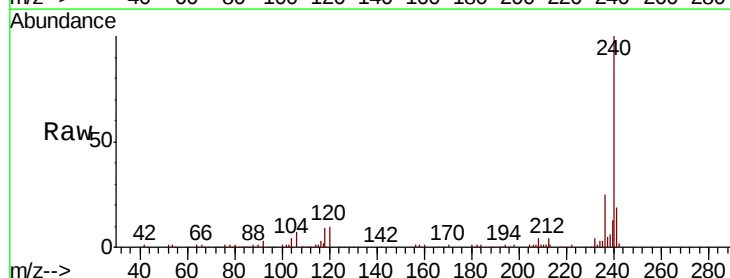


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

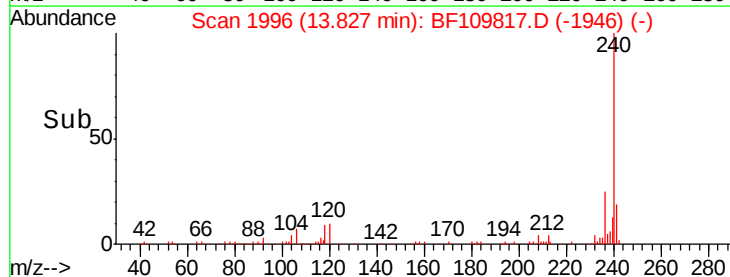
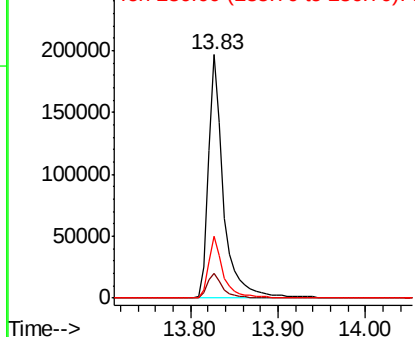


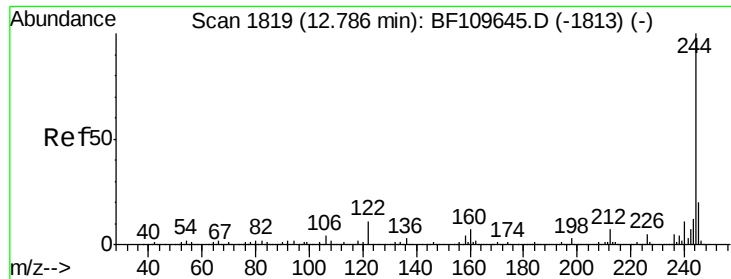
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109817.D
 Acq: 12 Oct 2018 6:12

Tgt Ion:240 Resp: 236667
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.3 12.5
 236 25.2 21.2 31.8



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

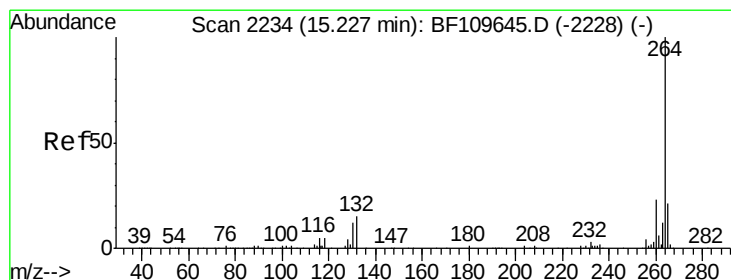
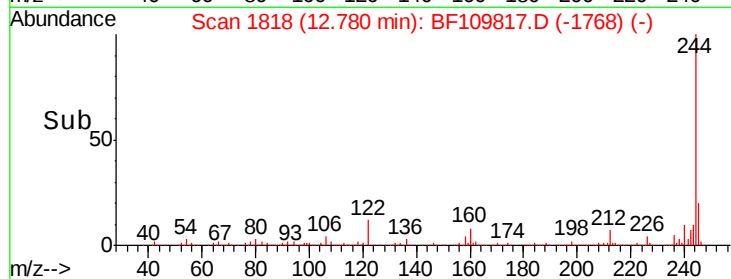
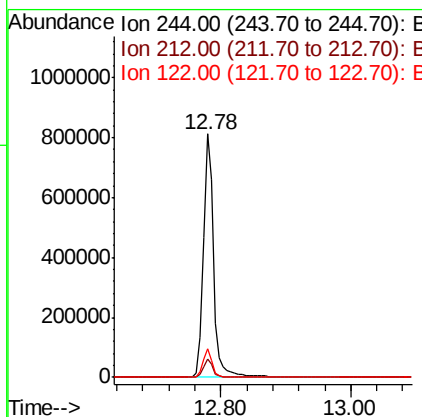
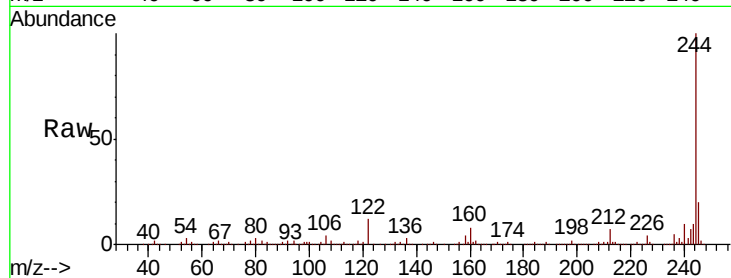




#78
 Terphenyl-d14
 Concen: 72.230 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109817.D
 Acq: 12 Oct 2018 6:12

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-U-M

Tgt Ion: 244 Resp: 883049
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.8 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109817.D
 Acq: 12 Oct 2018 6:12

Tgt Ion: 264 Resp: 158335
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 20.8 16.7 25.1

