

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109172.D
 Acq On : 20 Sep 2018 4:10
 Operator : JU/SJ
 Sample : J4984-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-U-M

Quant Time: Sep 20 07:38:13 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

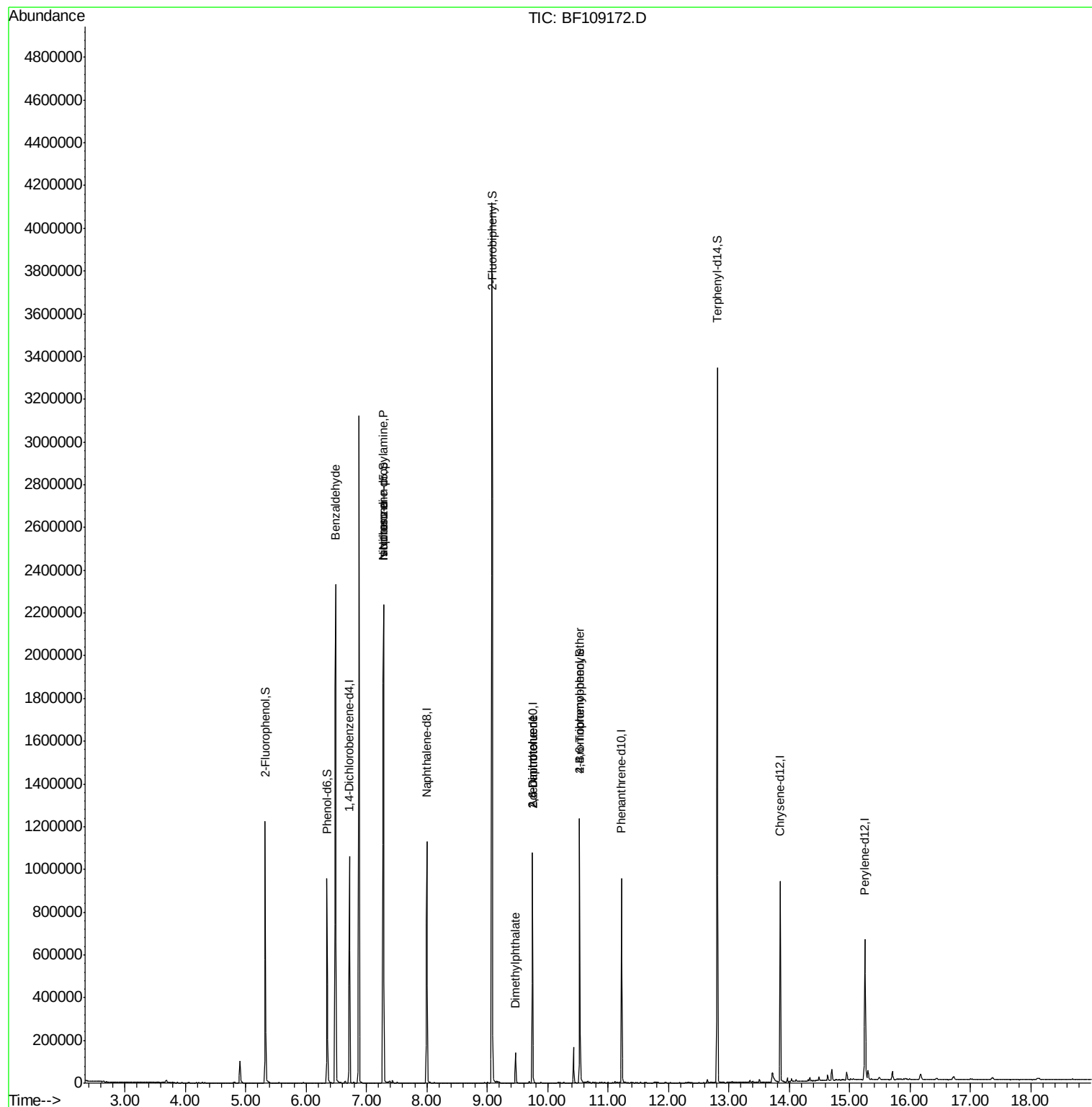
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137381	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	472714	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	193245	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	316684	20.00	ng	0.00
75) Chrysene-d12	13.85	240	337270	20.00	ng	-0.01
86) Perylene-d12	15.25	264	304566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	347620	42.03	ng	0.00
7) Phenol-d6	6.35	99	268530	25.18	ng	-0.01
23) Nitrobenzene-d5	7.28	82	780717	92.63	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	151618	72.29	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1276562	103.50	ng	0.00
78) Terphenyl-d14	12.81	244	1156338	81.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	13939	2.046	ng	# 76
19) n-Nitroso-di-n-propylamine	7.28	70	105984	15.033	ng	# 76
25) Isophorone	7.28	82	775082	53.500	ng	# 64
49) Dimethylphthalate	9.47	163	57781	4.183	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	24230	7.910	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	24230	6.049	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	9264	2.595	ng	# 1

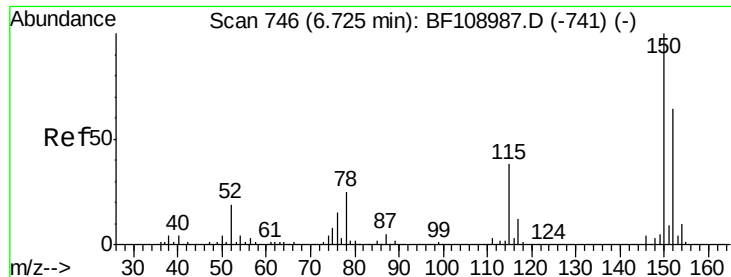
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF109172.D

Acq: 20 Sep 2018 4:10

Instrument :

BNA_F

ClientSampleId :

091718-TIPC-E-U-M

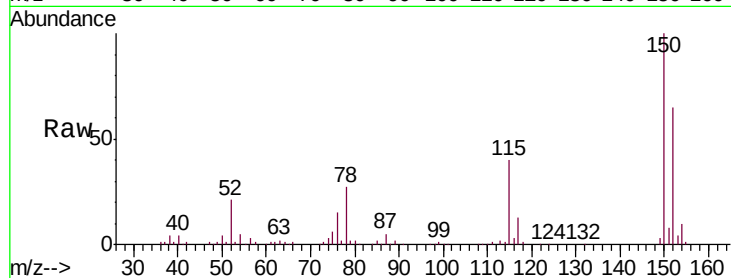
Tgt Ion:152 Resp: 137381

Ion Ratio Lower Upper

152 100

150 154.4 124.6 186.8

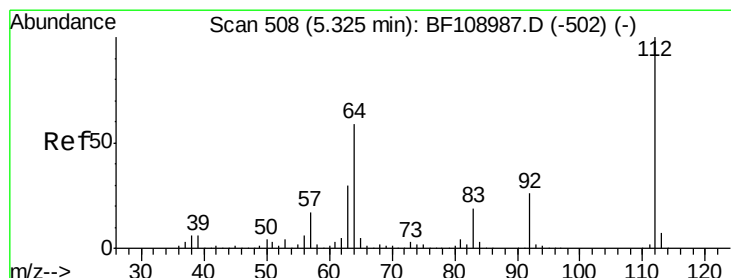
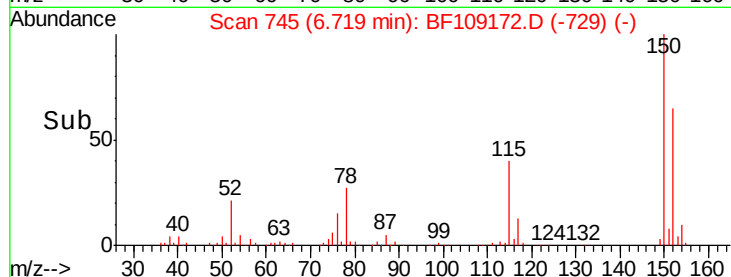
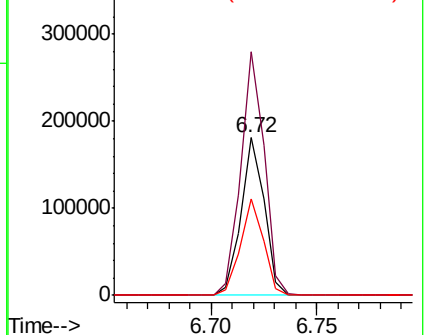
115 61.3 50.1 75.1



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: 42.026 ng

RT: 5.32 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF109172.D

Acq: 20 Sep 2018 4:10

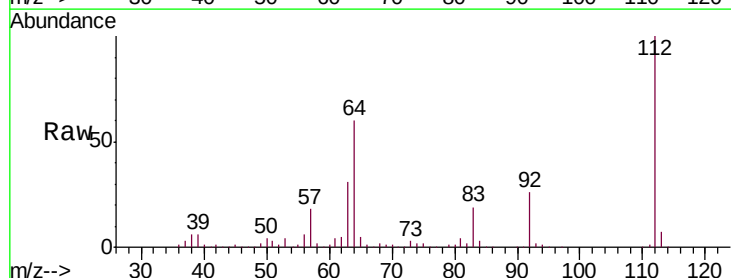
Tgt Ion:112 Resp: 347620

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

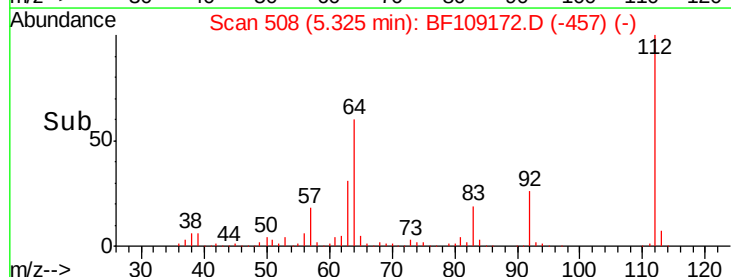
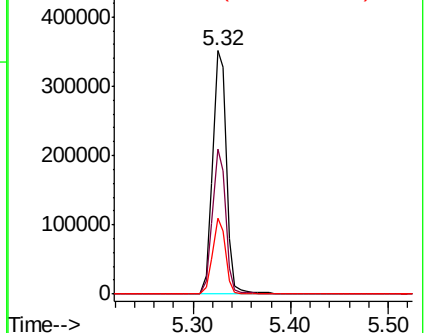
63 31.0 23.7 35.5

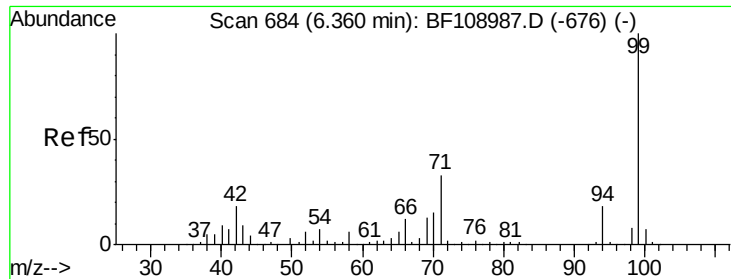


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.177 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109172.D

Acq: 20 Sep 2018 4:10

Instrument :

BNA_F

ClientSampleId :

091718-TIPC-E-U-M

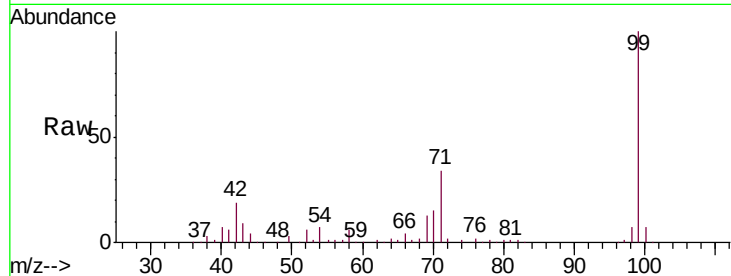
Tgt Ion: 99 Resp: 268530

Ion Ratio Lower Upper

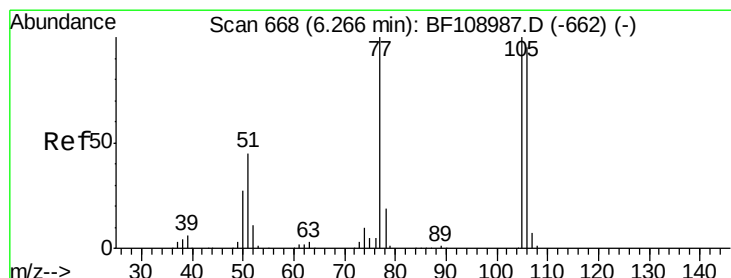
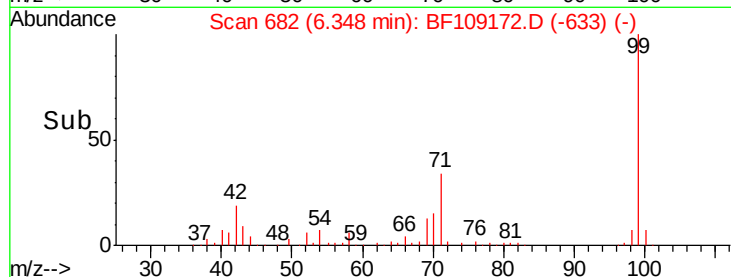
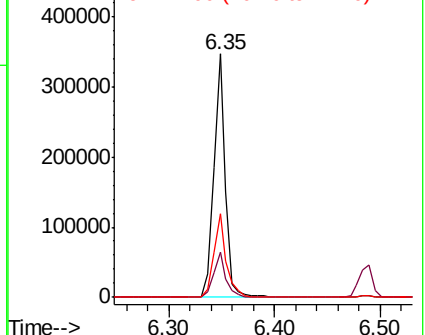
99 100

42 18.8 14.5 21.7

71 34.4 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: 2.046 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109172.D

Acq: 20 Sep 2018 4:10

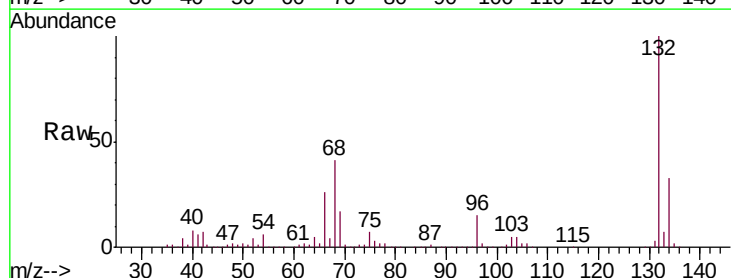
Tgt Ion: 77 Resp: 13939

Ion Ratio Lower Upper

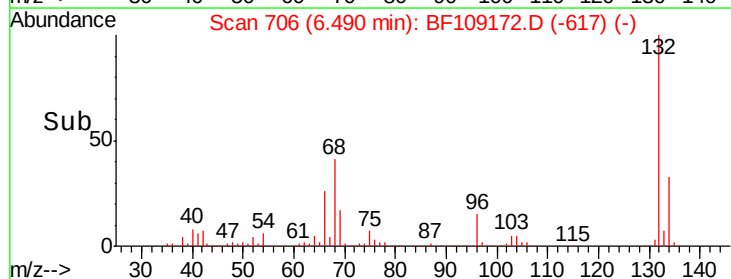
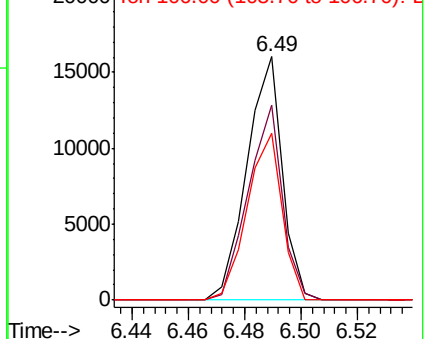
77 100

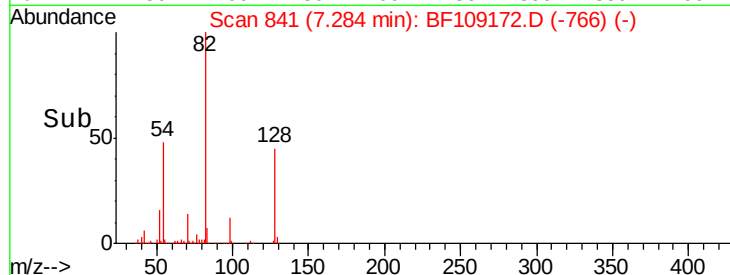
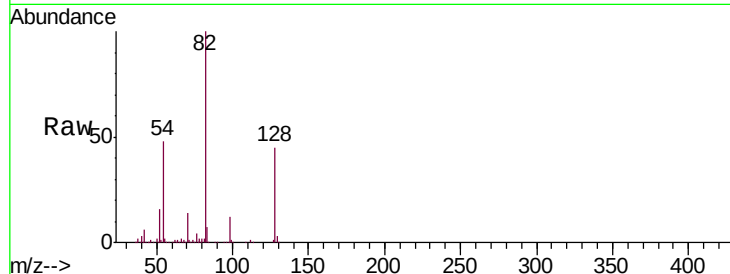
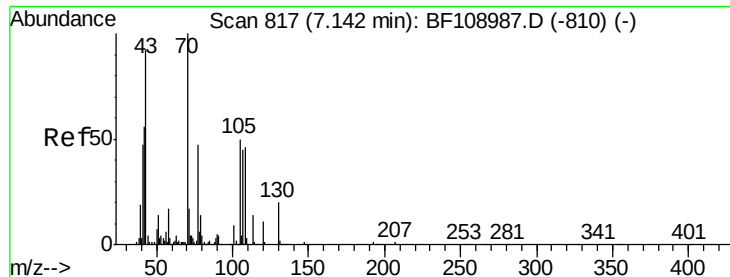
105 80.3 81.1 121.1#

106 68.3 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

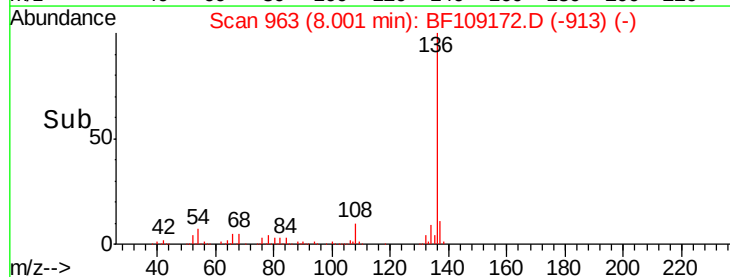
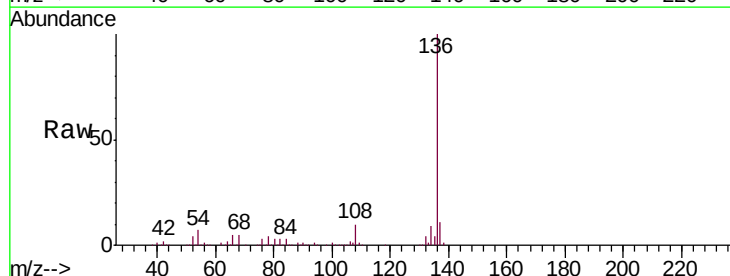
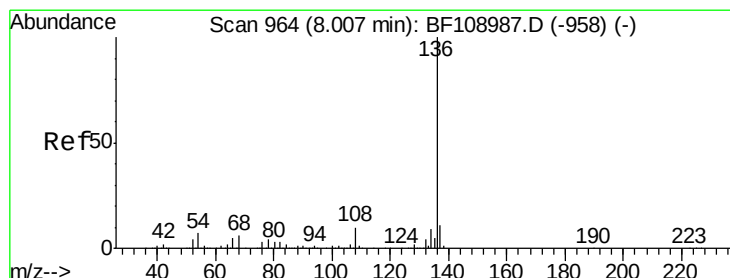
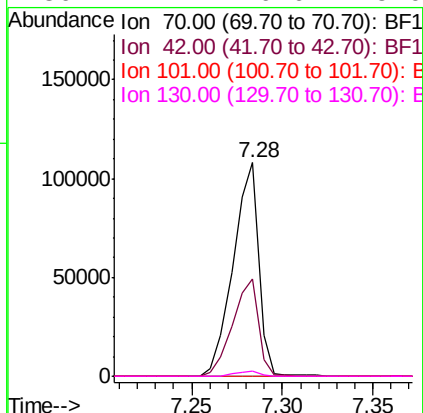




#19
n-Nitroso-di-n-propylamine
Concen: 15.033 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109172.D
Acq: 20 Sep 2018 4:10

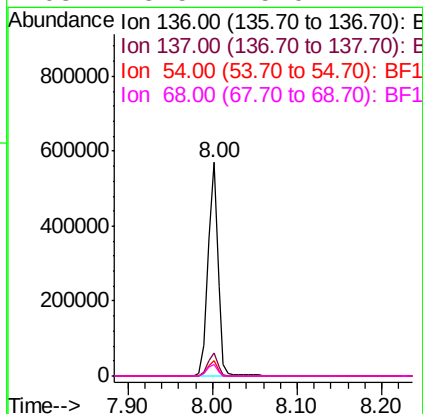
Instrument :
BNA_F
ClientSampleId :
091718-TIPC-E-U-M

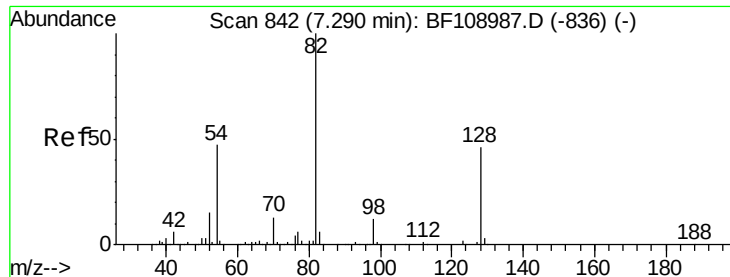
Tgt Ion:	70	Resp:	105984
Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109172.D
Acq: 20 Sep 2018 4:10

Tgt Ion:	136	Resp:	472714
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	6.6	9.8
68	5.5	5.0	7.4

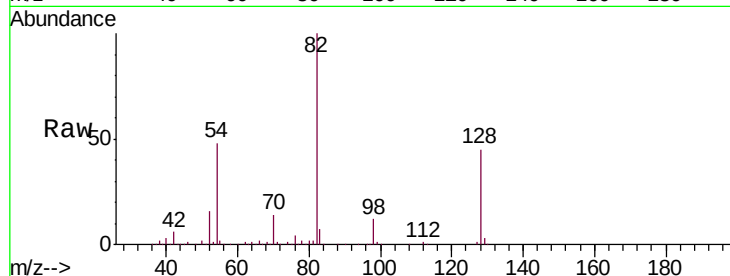




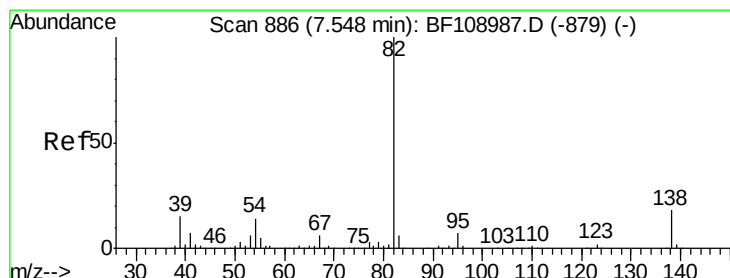
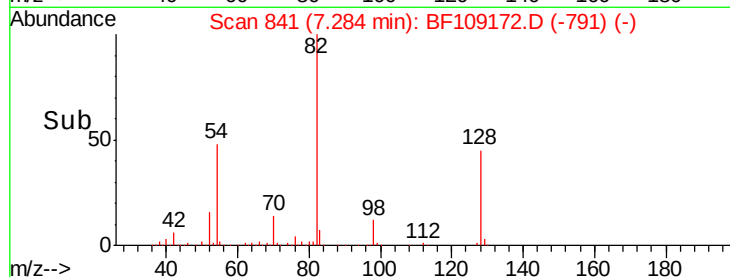
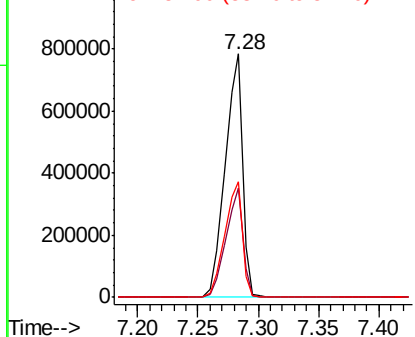
#23
 Nitrobenzene-d5
 Concen: 92.633 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109172.D
 Acq: 20 Sep 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-U-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	47.6	41.4	62.2

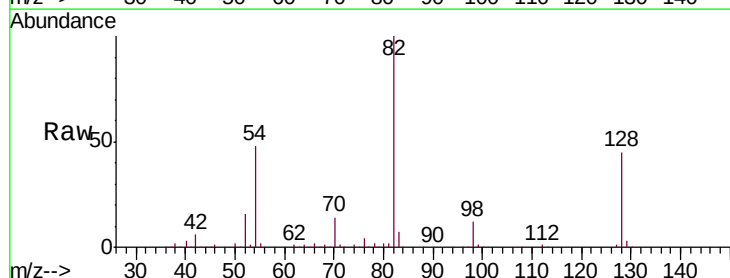


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

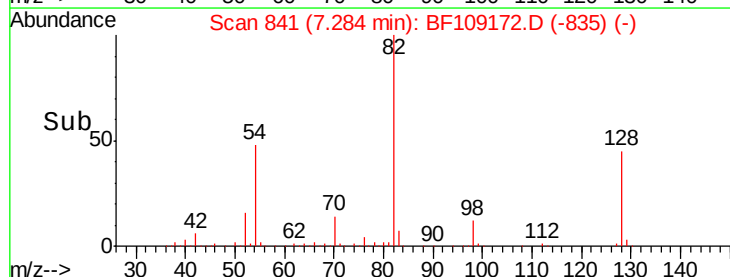
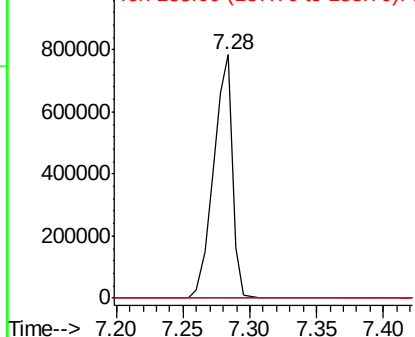


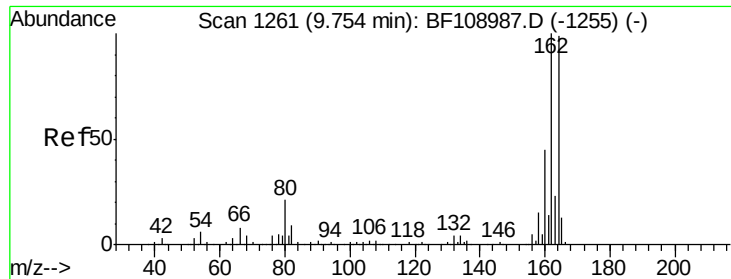
#25
 Isophorone
 Concen: 53.500 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109172.D
 Acq: 20 Sep 2018 4:10

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

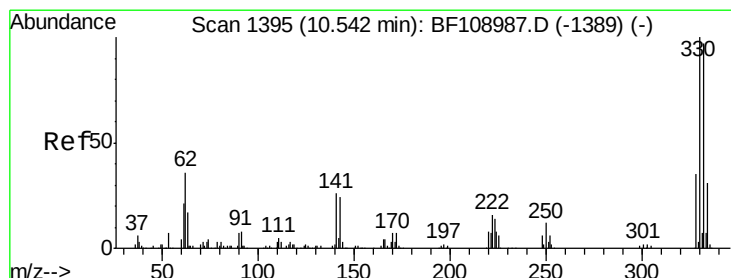
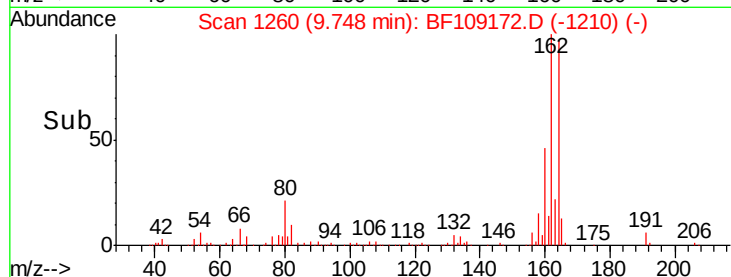
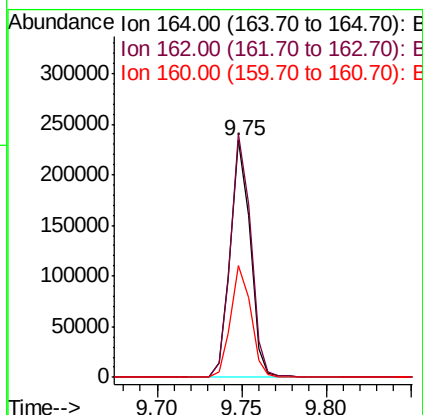
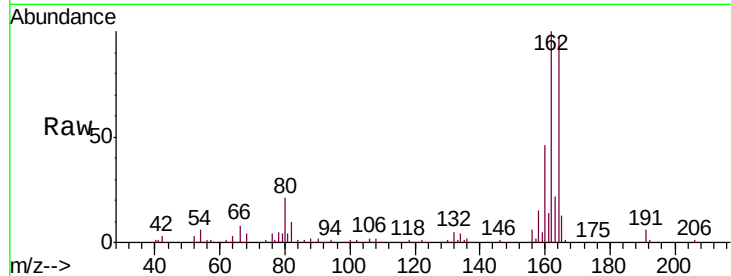




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109172.D
 Acq: 20 Sep 2018 4:10

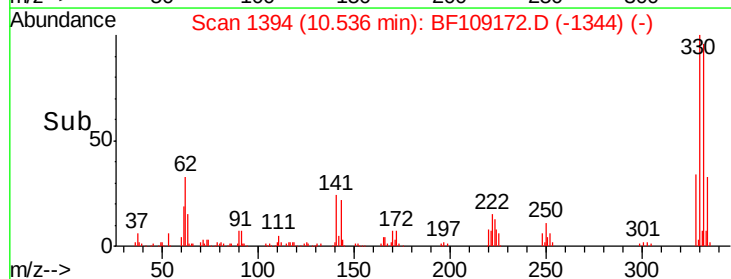
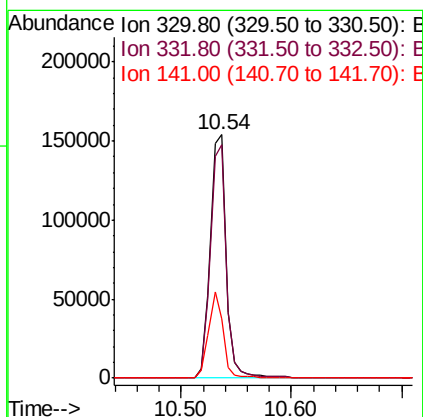
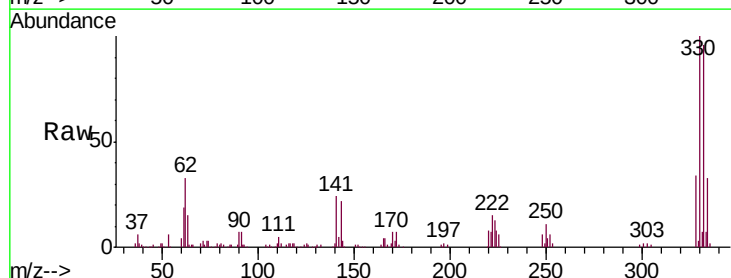
Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-U-M

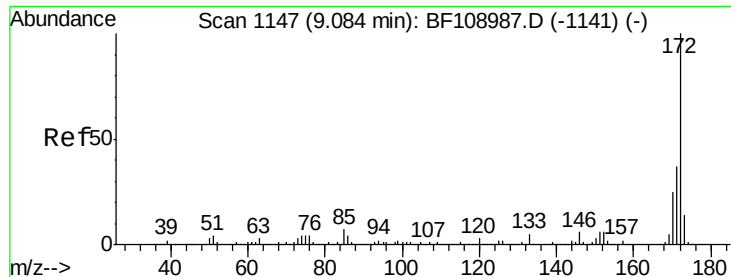
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.9	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 72.295 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109172.D
 Acq: 20 Sep 2018 4:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.1	29.9	44.9

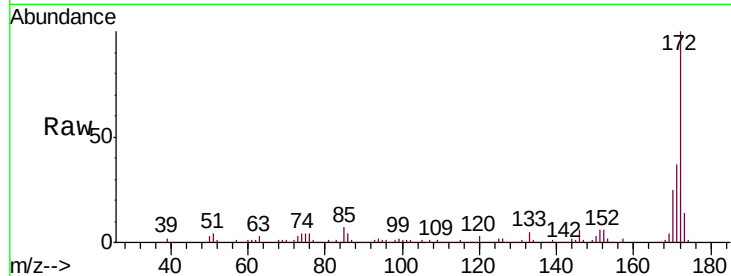




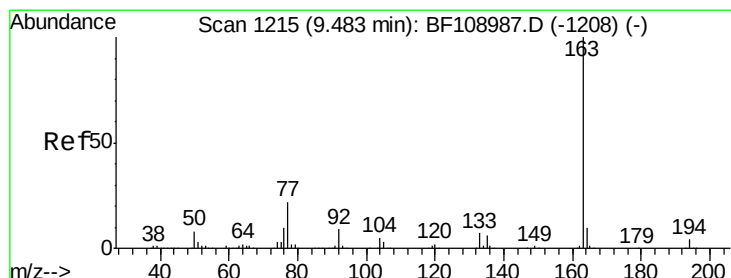
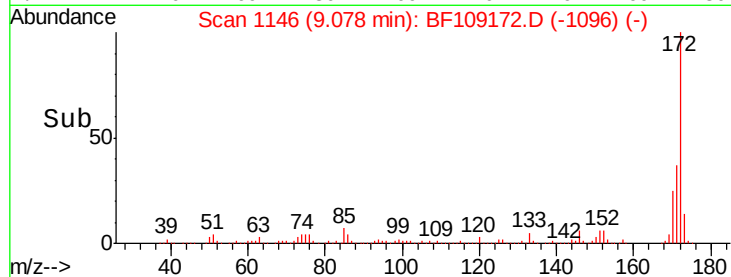
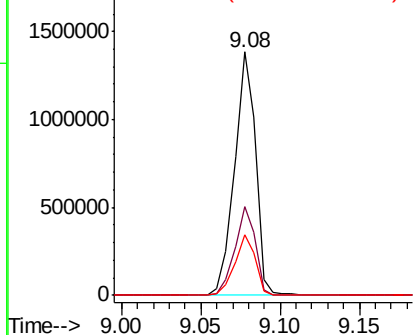
#44
 2-Fluorobiphenyl
 Concen: 103.497 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109172.D
 Acq: 20 Sep 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-U-M

Tgt Ion:172 Resp: 1276562
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.7 19.6 29.4

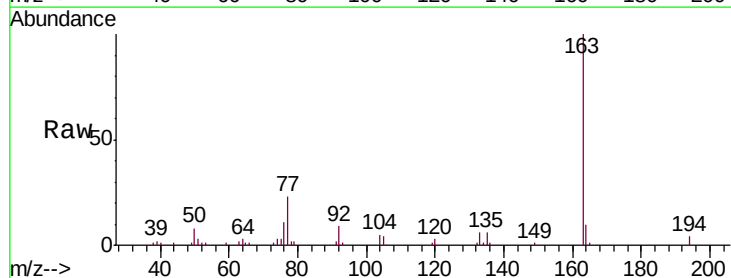


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

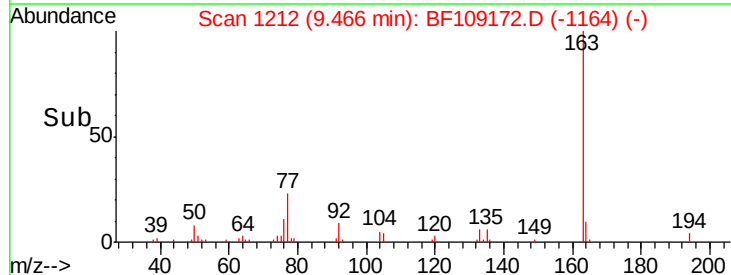
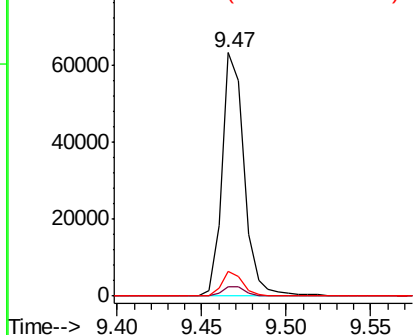


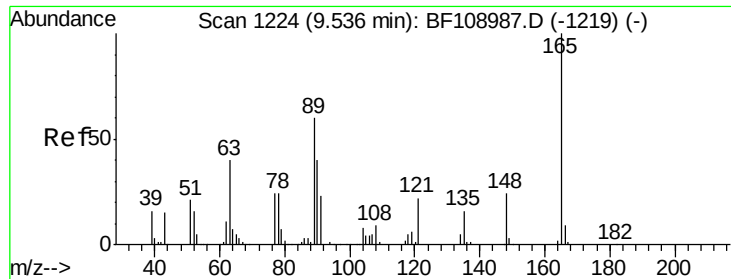
#49
 Dimethylphthalate
 Concen: 4.183 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF109172.D
 Acq: 20 Sep 2018 4:10

Tgt Ion:163 Resp: 57781
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 9.9 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

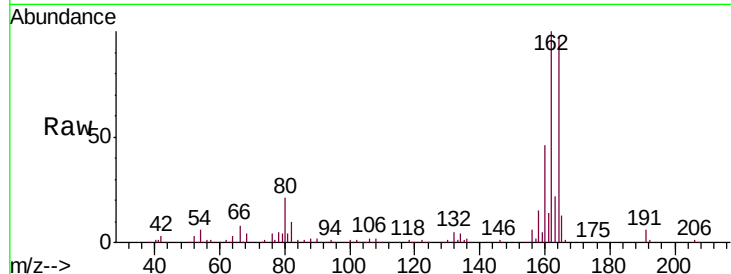




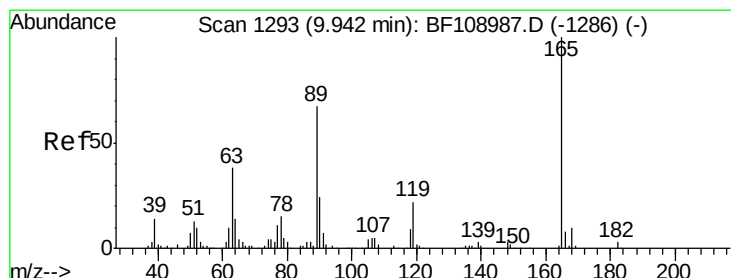
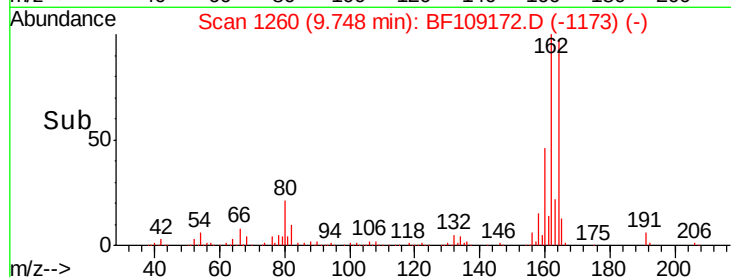
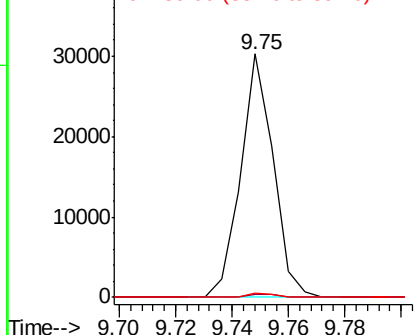
#50
 2,6-Dinitrotoluene
 Concen: 7.910 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109172.D
 Acq: 20 Sep 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#



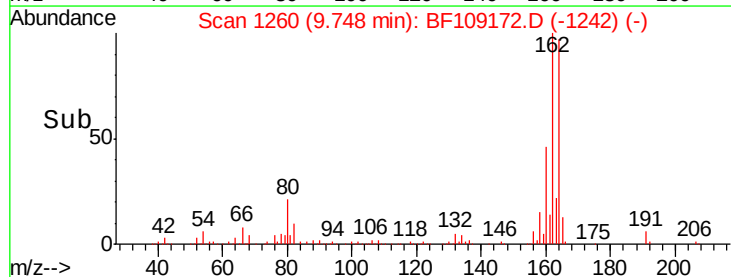
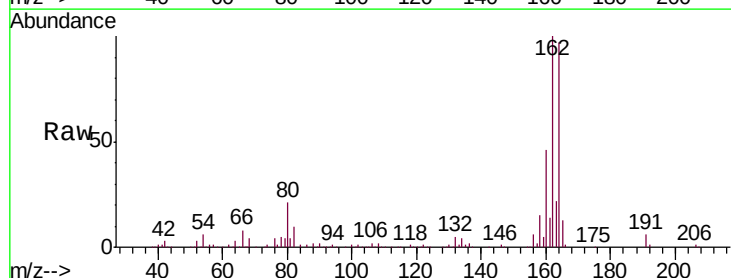
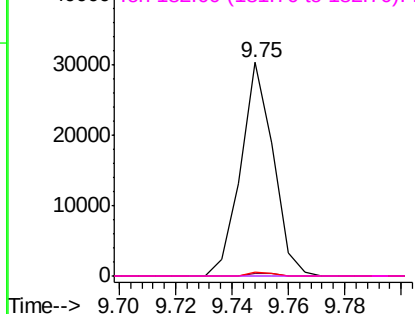
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

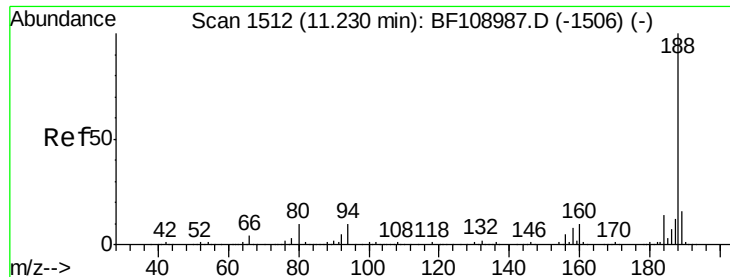


#56
 2,4-Dinitrotoluene
 Concen: 6.049 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109172.D
 Acq: 20 Sep 2018 4:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	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

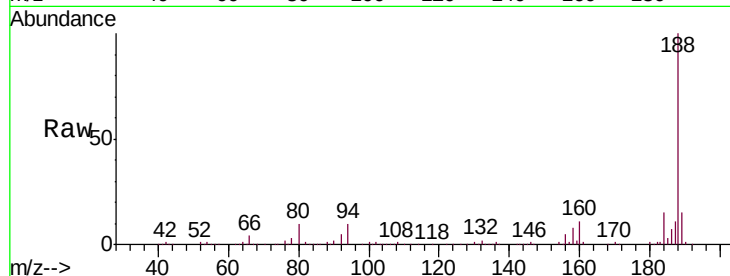




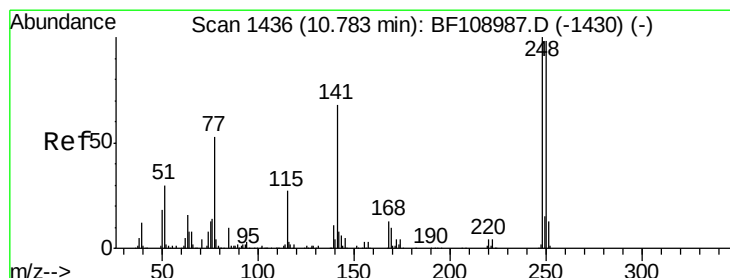
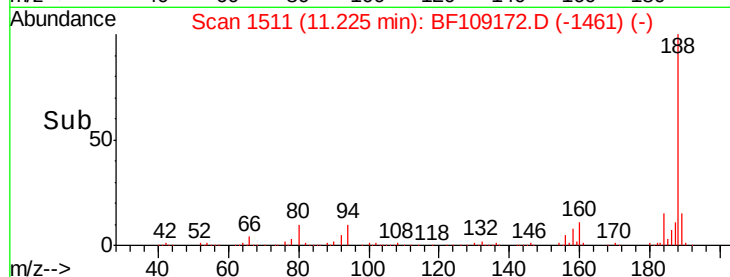
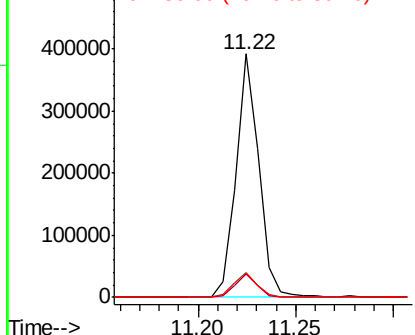
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109172.D
 Acq: 20 Sep 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :
 091718-TIPC-E-U-M

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	316684		
94	9.8		8.5	12.7
80	10.2		9.2	13.8

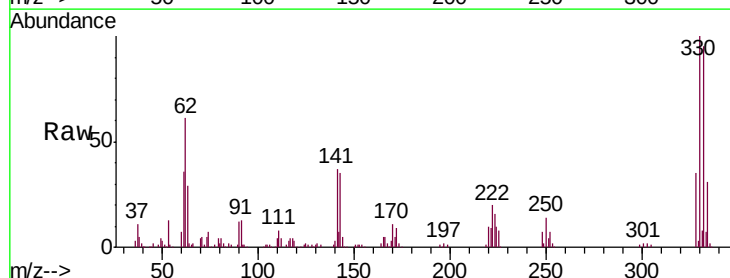


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

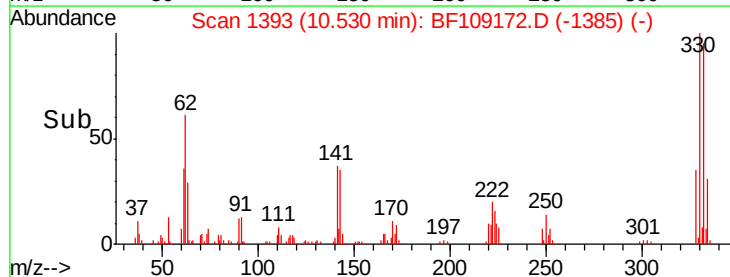
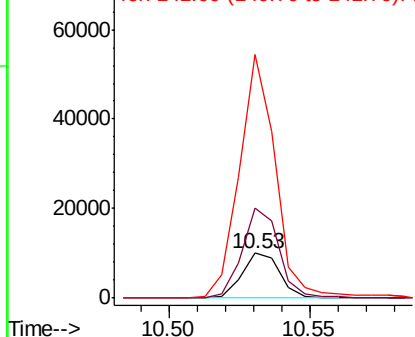


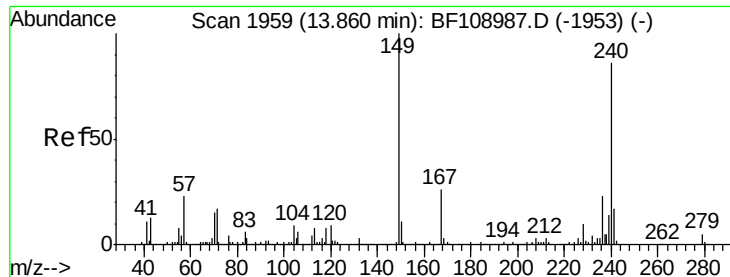
#66
 4-Bromophenyl-phenylether
 Concen: 2.595 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109172.D
 Acq: 20 Sep 2018 4:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	9264		
250	201.5		76.9	115.3#
141	542.9		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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109172.D

Acq: 20 Sep 2018 4:10

Instrument :

BNA_F

ClientSampleId :

091718-TIPC-E-U-M

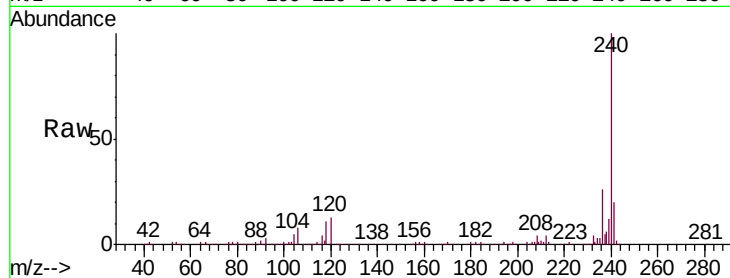
Tgt Ion:240 Resp: 337270

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

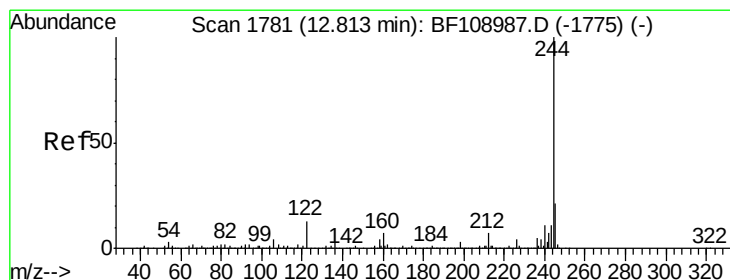
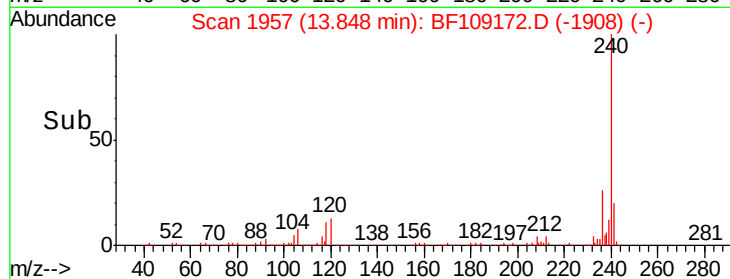
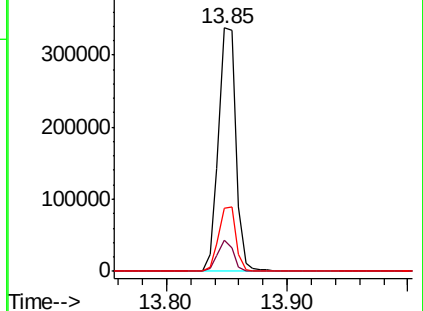
236 26.0 20.7 31.1



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: 81.265 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109172.D

Acq: 20 Sep 2018 4:10

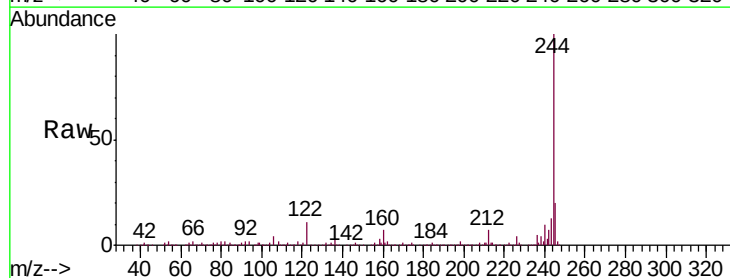
Tgt Ion:244 Resp: 1156338

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

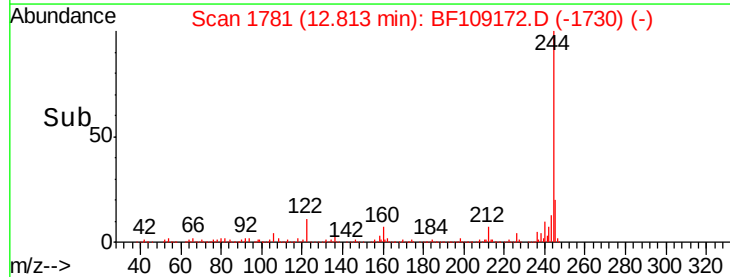
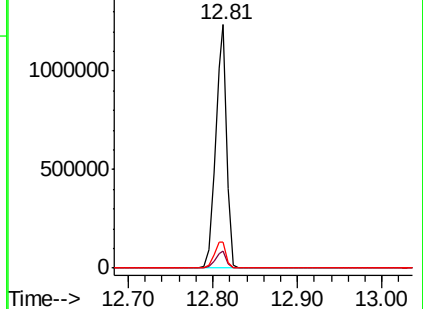
122 10.8 11.0 16.4#

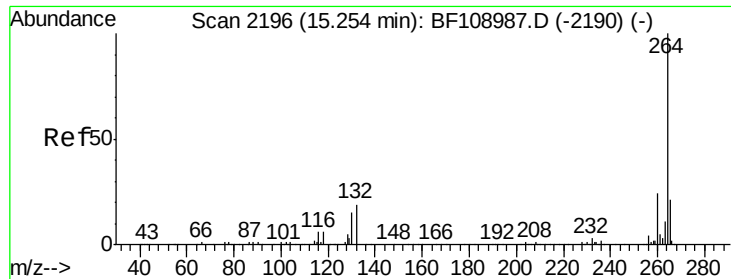


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

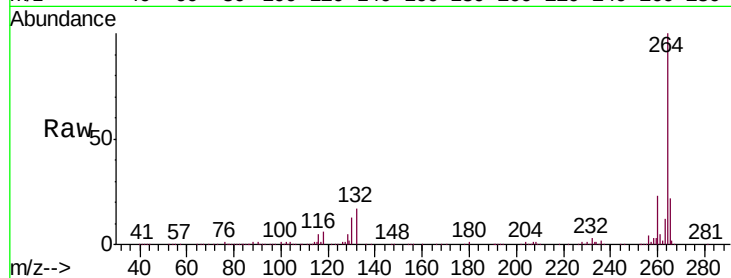




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109172.D
Acq: 20 Sep 2018 4:10

Instrument :
BNA_F
ClientSampleId :
091718-TIPC-E-U-M

Tgt Ion:	264	Resp:	304566
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	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

