

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109089.D
 Acq On : 18 Sep 2018 10:50
 Operator : JU/SJ
 Sample : J4930-11
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 18:12:21 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

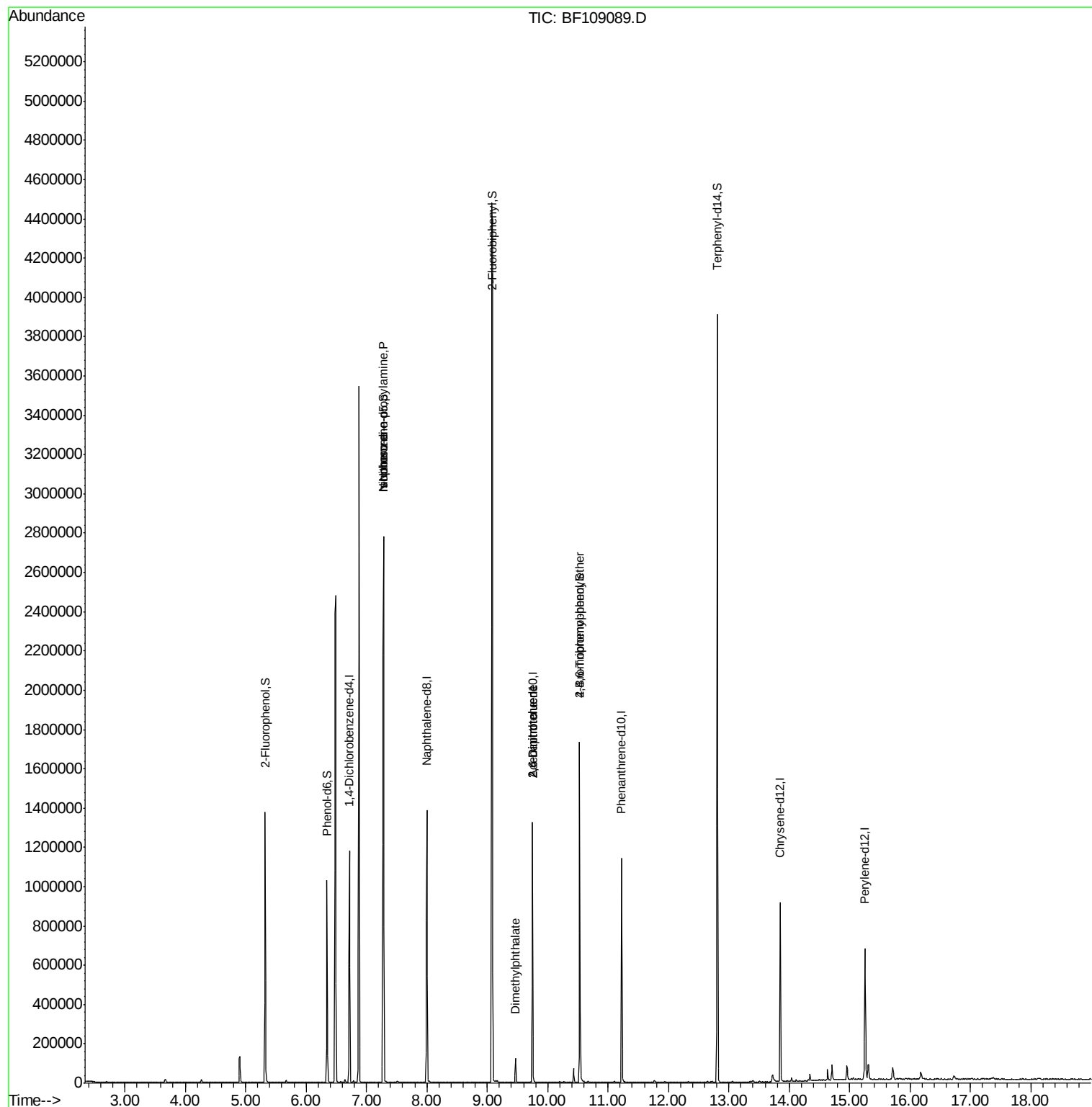
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149576	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	537914	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	234733	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	395901	20.00	ng	0.00
75) Chrysene-d12	13.85	240	317845	20.00	ng	-0.01
86) Perylene-d12	15.25	264	295473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	374615	41.60	ng	0.00
7) Phenol-d6	6.35	99	302032	26.01	ng	-0.01
23) Nitrobenzene-d5	7.28	82	940493	98.07	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	212335	83.35	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1511612	100.89	ng	0.00
78) Terphenyl-d14	12.81	244	1287325	96.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	127099	16.558	ng	# 78
25) Isophorone	7.28	82	935110	56.722	ng	# 64
49) Dimethylphthalate	9.47	163	47408	2.826	ng	# 98
50) 2,6-Dinitrotoluene	9.75	165	29894	8.035	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	29894	6.144	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	13367	2.995	ng	# 1

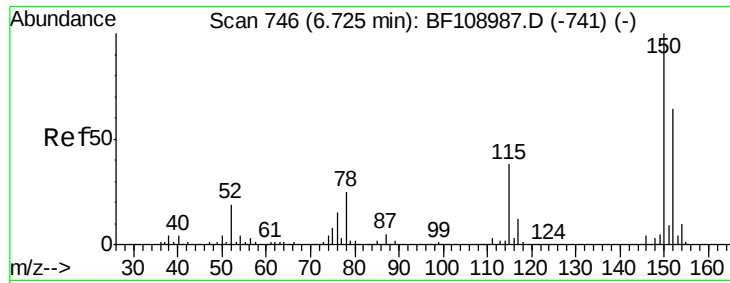
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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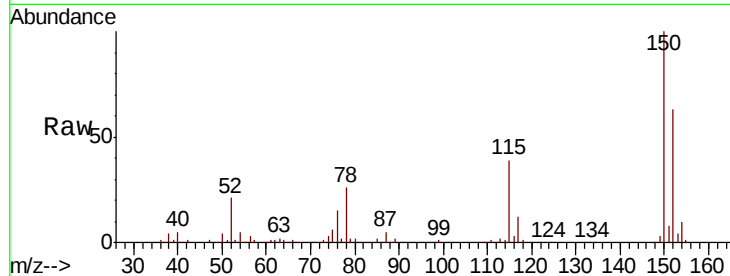


#1

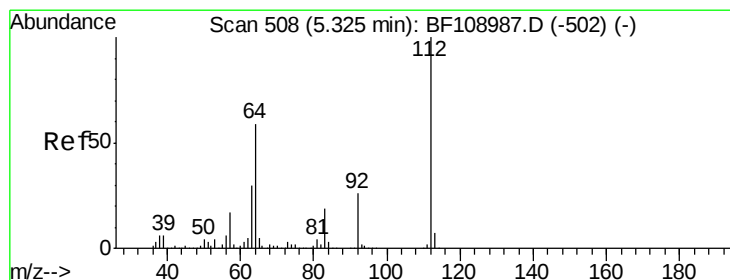
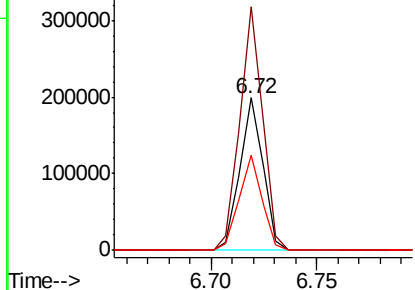
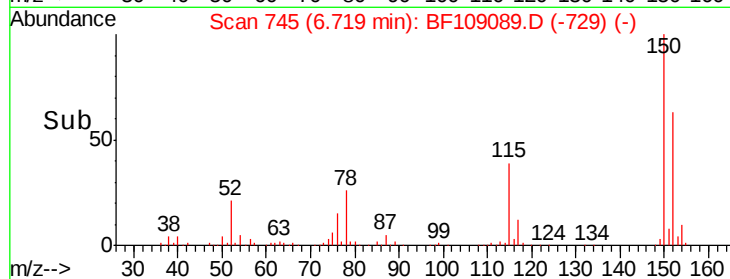
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109089.D
Acq: 18 Sep 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149576
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 62.2 50.1 75.1



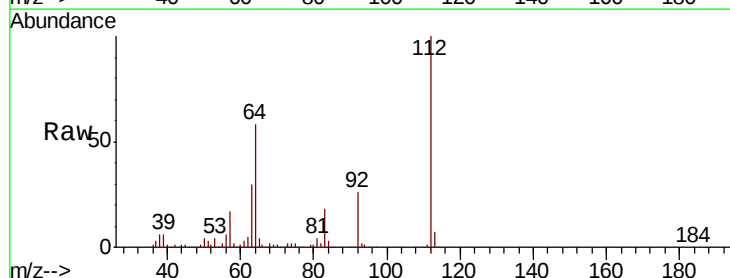
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



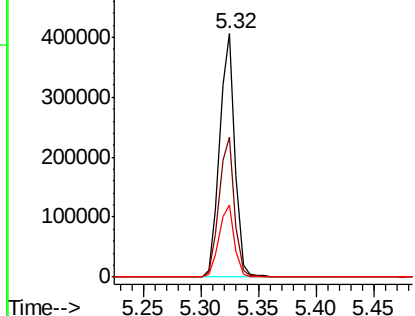
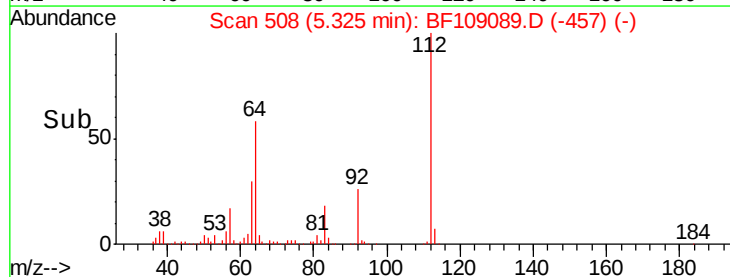
#5

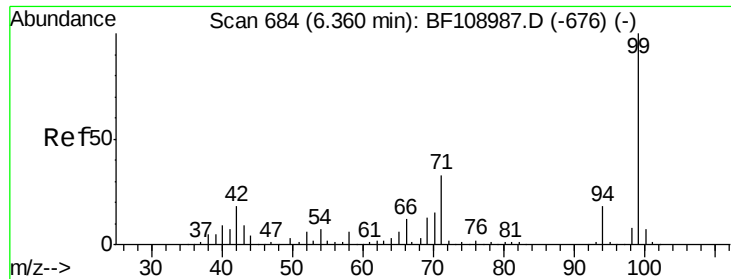
2-Fluorophenol
Concen: 41.597 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109089.D
Acq: 18 Sep 2018 10:50

Tgt Ion:112 Resp: 374615
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 29.6 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: 26.009 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109089.D

Acq: 18 Sep 2018 10:50

Instrument :

BNA_F

ClientSampleId :

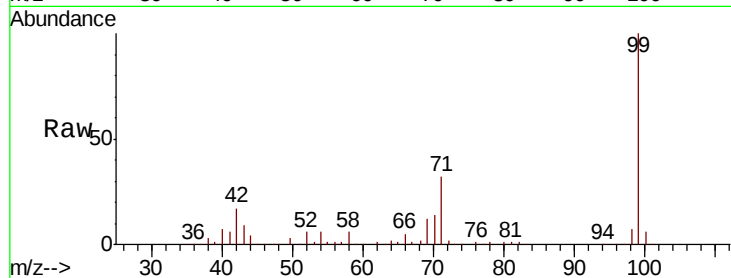
Tot Ion: 99 Resp: 302032

Ion Ratio Lower Upper

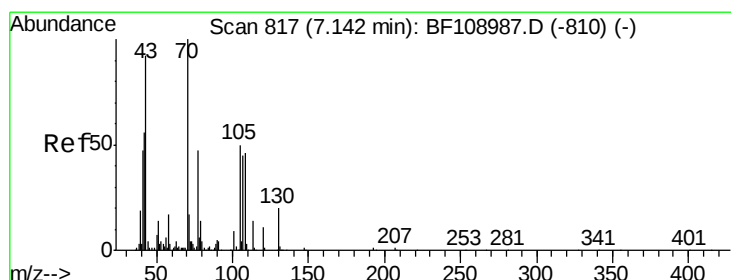
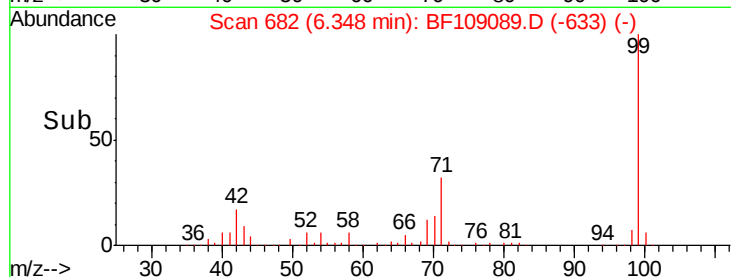
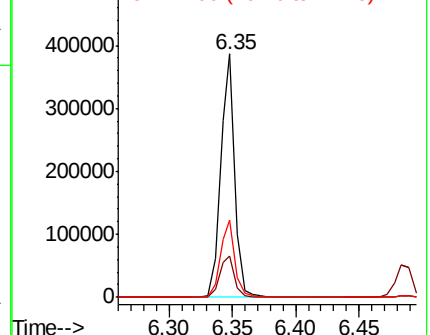
99 100

42 16.9 14.5 21.7

71 31.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.558 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109089.D

Acq: 18 Sep 2018 10:50

Tgt Ion: 70 Resp: 127099

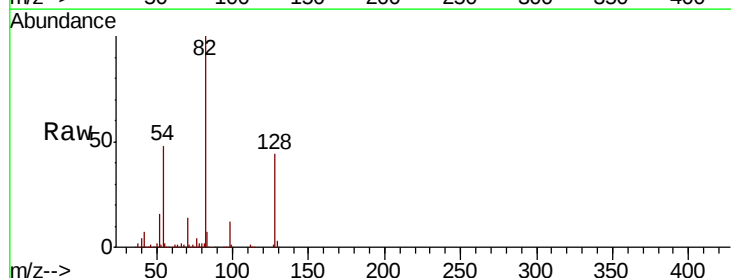
Ion Ratio Lower Upper

70 100

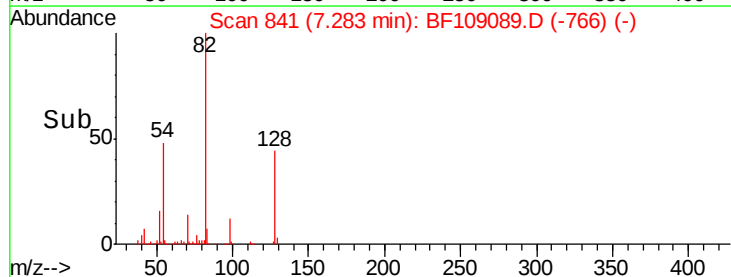
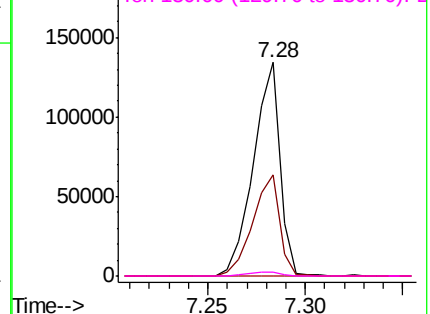
42 47.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

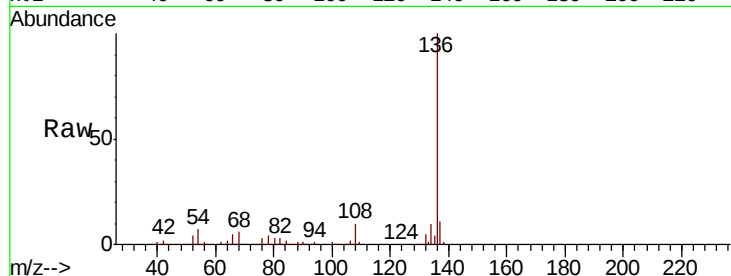




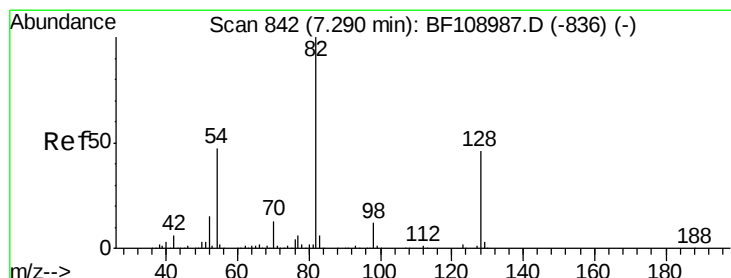
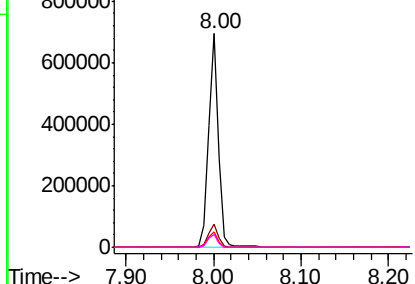
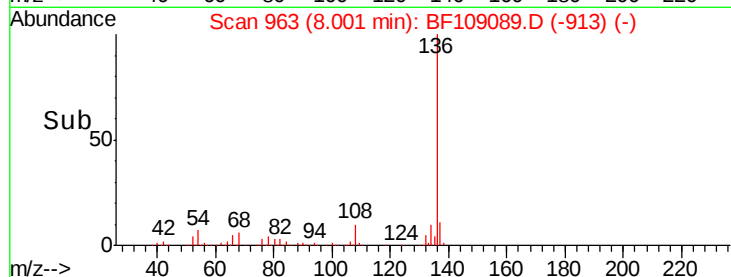
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109089.D
Acq: 18 Sep 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	537914	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 7.2	6.6	9.8	
68 6.0	5.0	7.4	

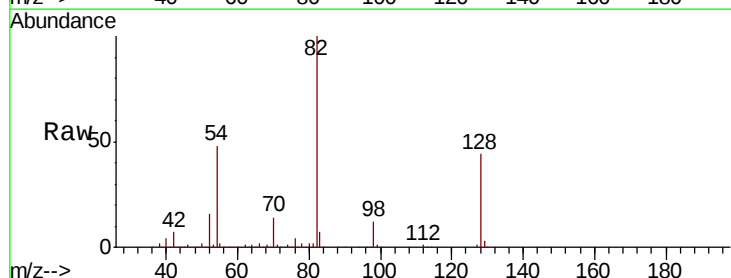


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

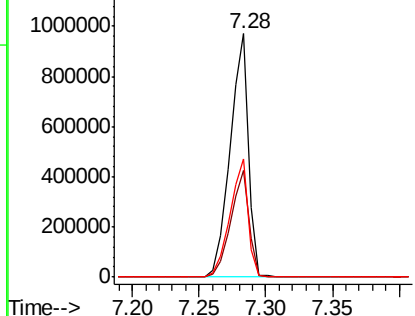
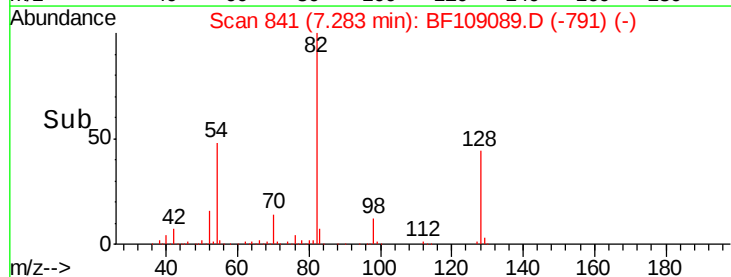


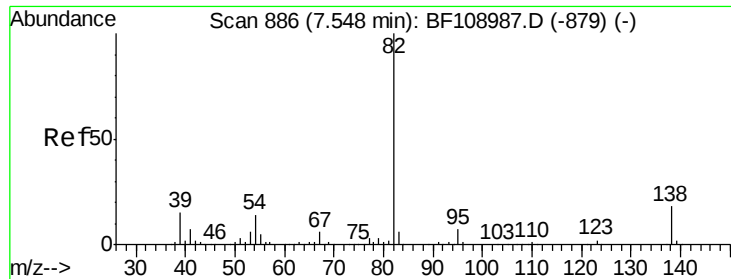
#23
Nitrobenzene-d5
Concen: 98.065 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109089.D
Acq: 18 Sep 2018 10:50

Tgt Ion: 82	Resp: 940493
Ion Ratio	Lower Upper
82 100	
128 43.9	36.1 54.1
54 48.4	41.4 62.2



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





#25

Isophorone

Concen: 56.722 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109089.D

Acq: 18 Sep 2018 10:50

Instrument :

BNA_F

ClientSampleId :

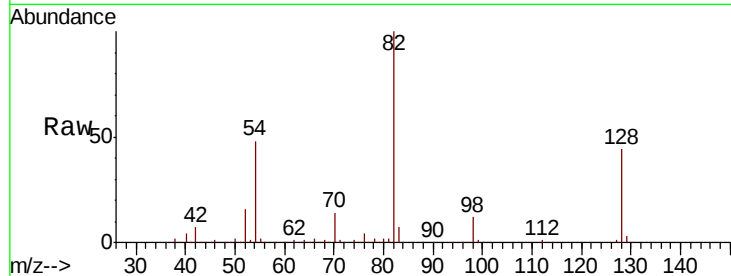
Tot Ion: 82 Resp: 935110

Ion Ratio Lower Upper

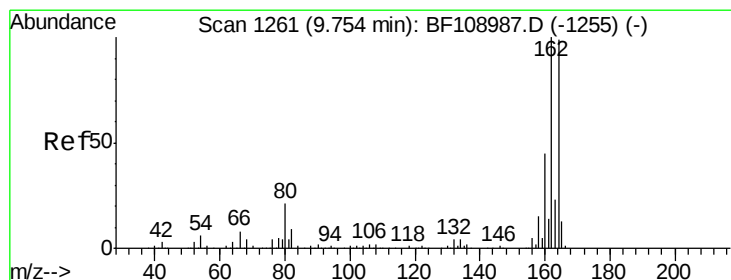
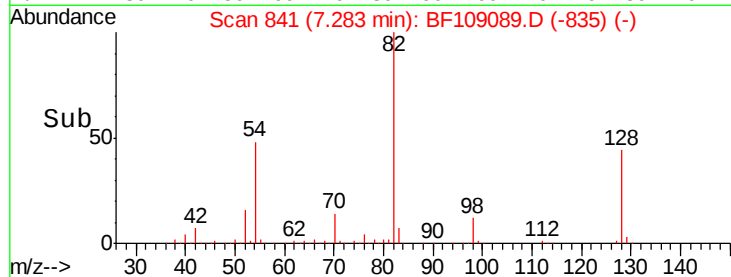
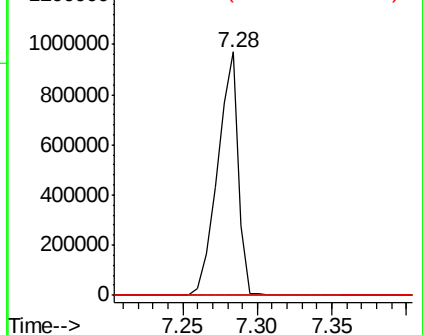
82 100

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: BF109089.D

Acq: 18 Sep 2018 10:50

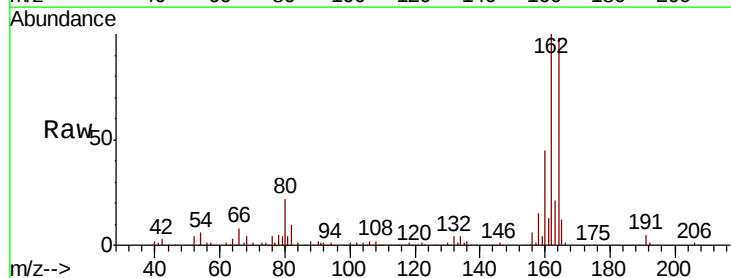
Tgt Ion: 164 Resp: 234733

Ion Ratio Lower Upper

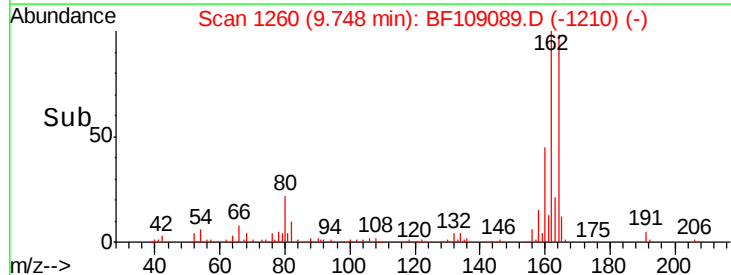
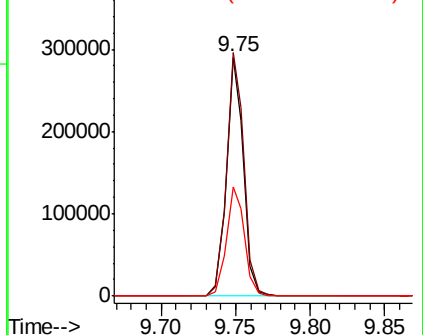
164 100

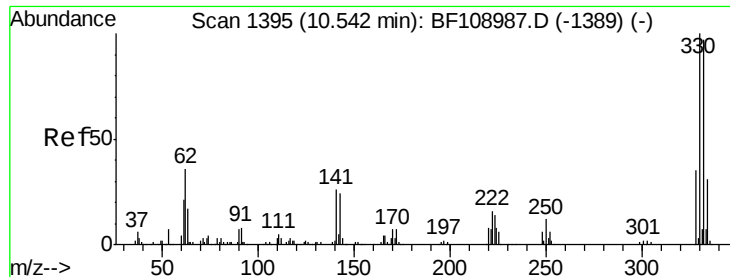
162 101.9 86.1 129.1

160 45.9 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

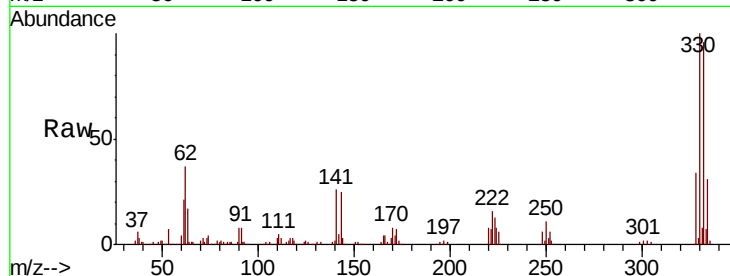




#41
 2,4,6-Tribromophenol
 Concen: 83.351 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109089.D
 Acq: 18 Sep 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.1	29.9	44.9

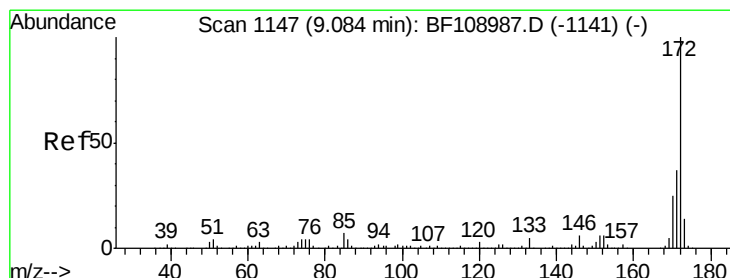
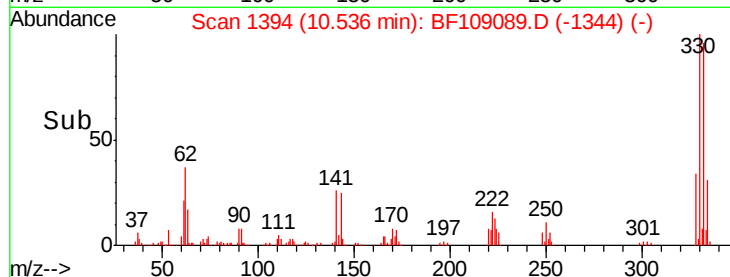
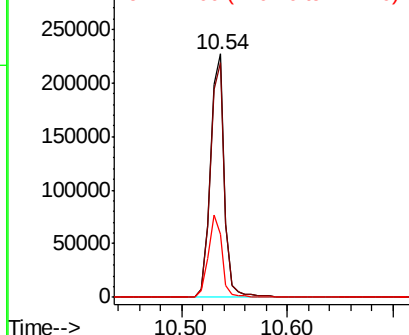


Abundance

Ion 329.80 (329.50 to 330.50): E

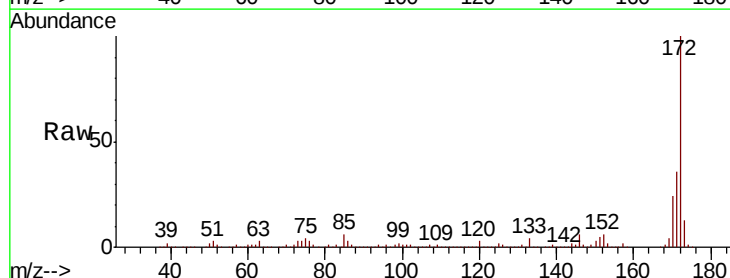
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.893 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109089.D
 Acq: 18 Sep 2018 10:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

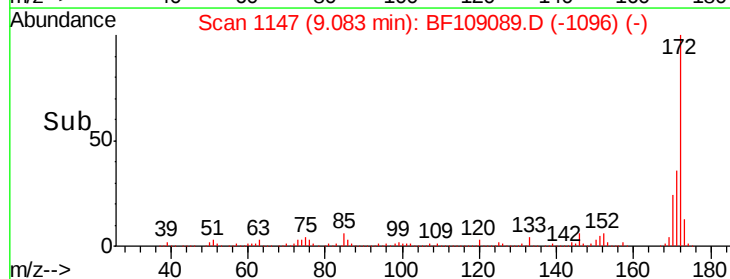
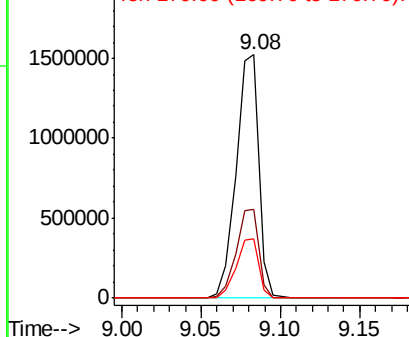


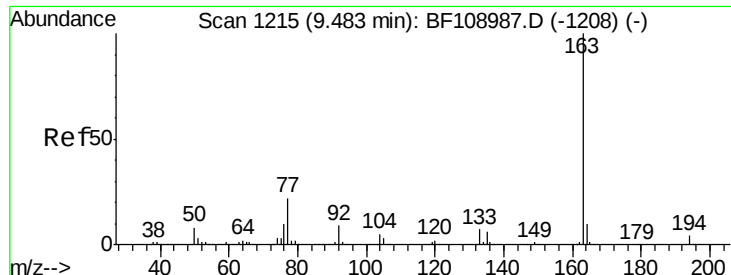
Abundance

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

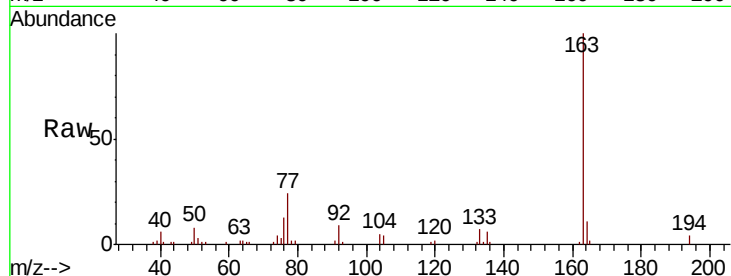




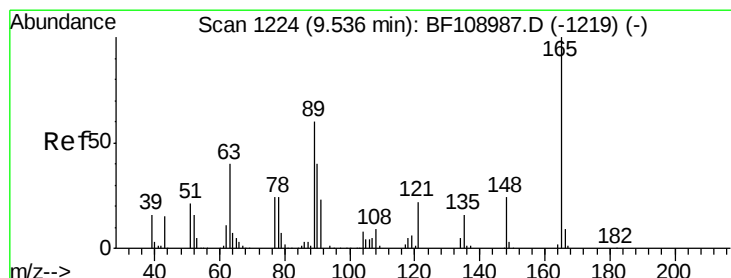
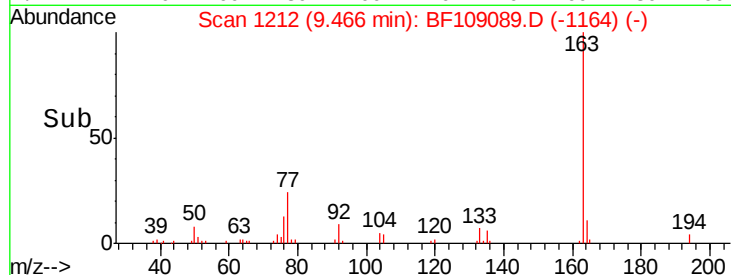
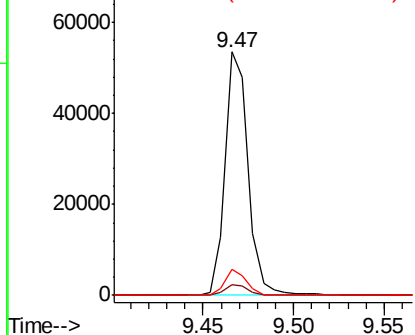
#49
 Dimethylphthalate
 Concen: 2.826 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF109089.D
 Acq: 18 Sep 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.8	8.2	12.2

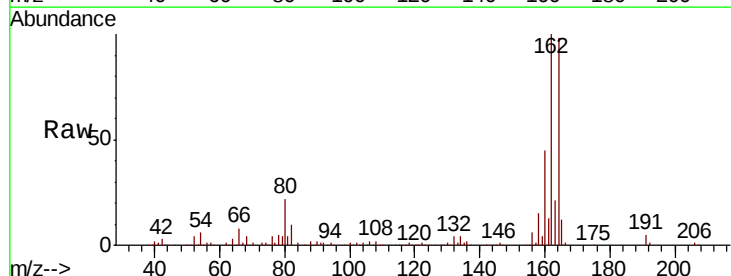


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

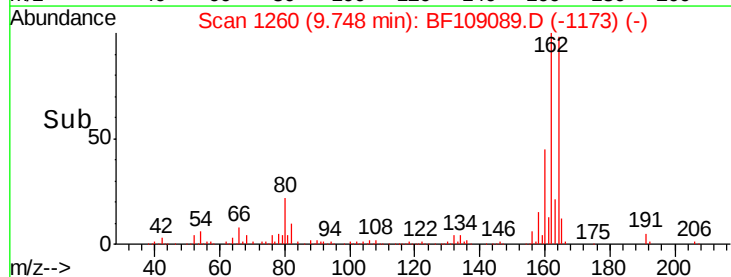
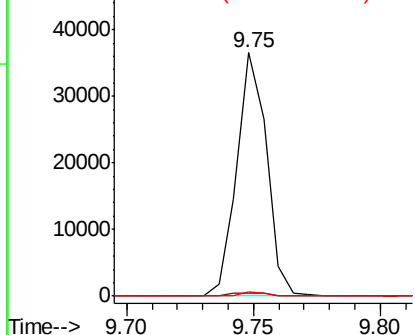


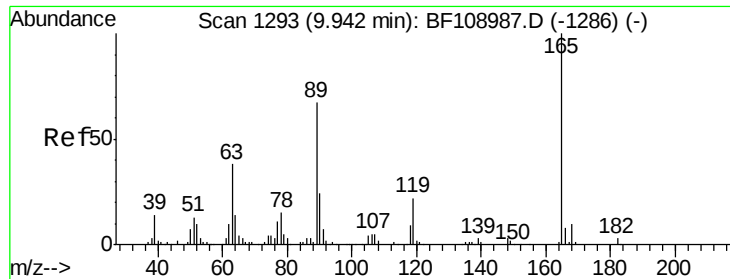
#50
 2,6-Dinitrotoluene
 Concen: 8.035 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109089.D
 Acq: 18 Sep 2018 10:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	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

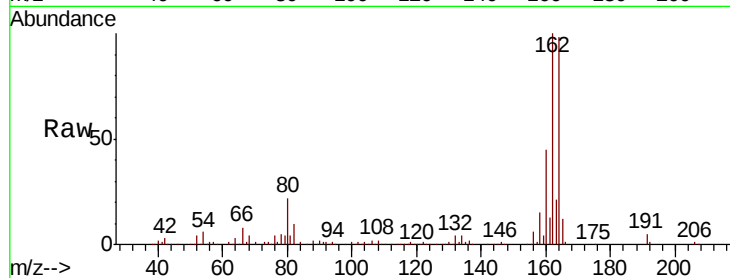




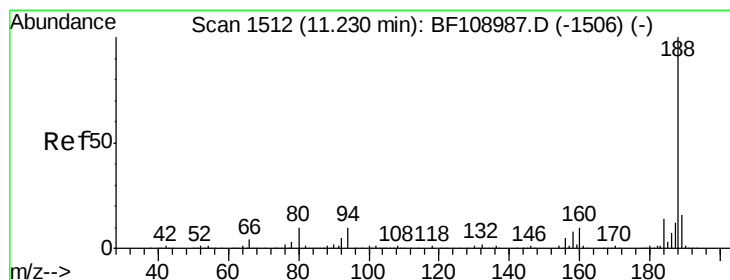
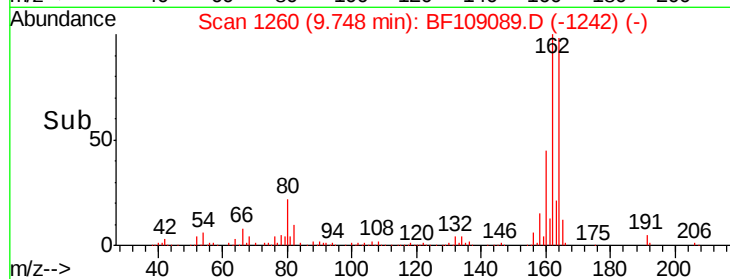
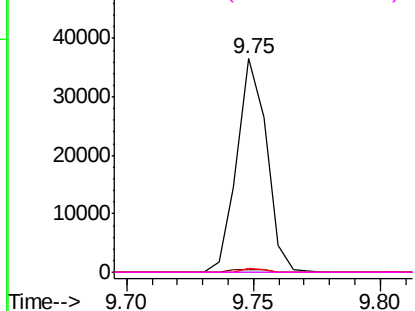
#56
 2,4-Dinitrotoluene
 Concen: 6.144 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109089.D
 Acq: 18 Sep 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	29894
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

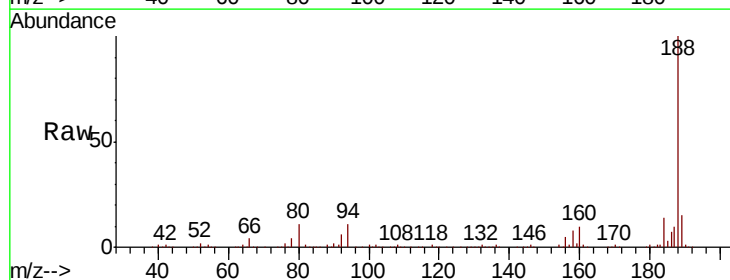


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

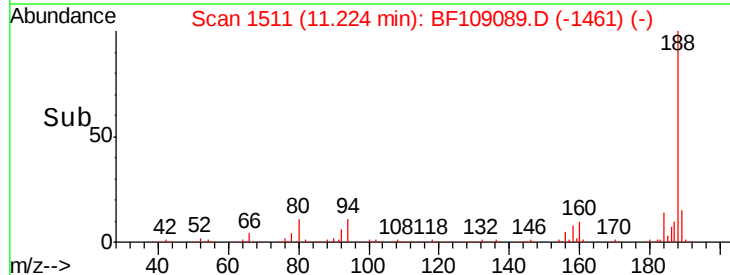
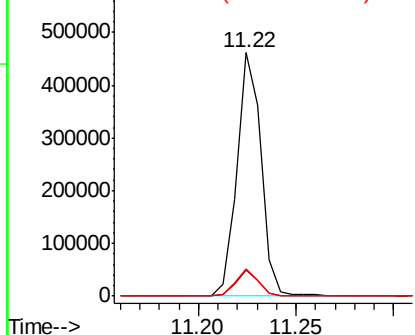


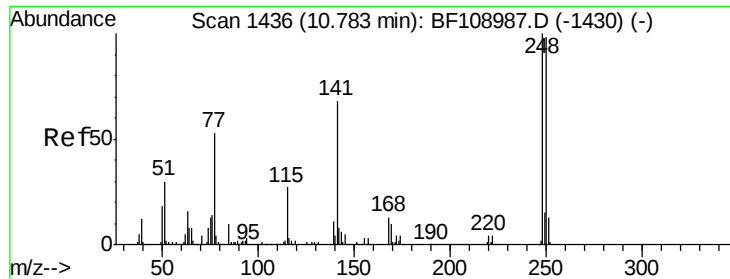
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109089.D
 Acq: 18 Sep 2018 10:50

Tgt Ion:	188	Resp:	395901
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.4	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

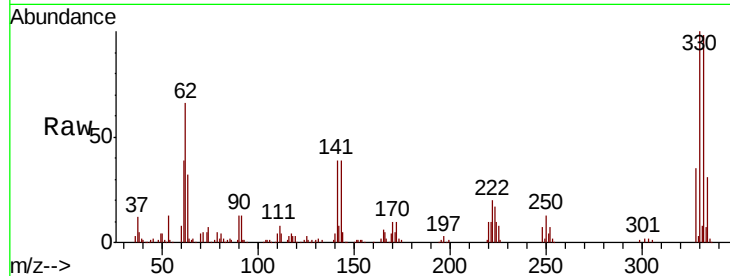




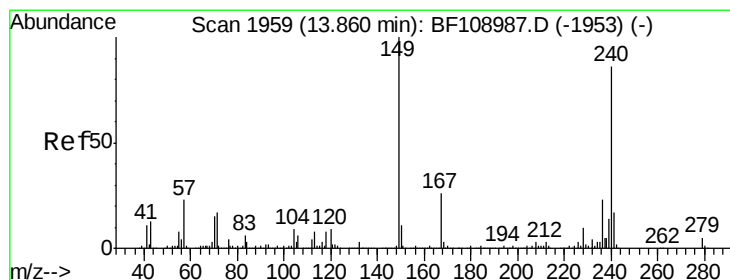
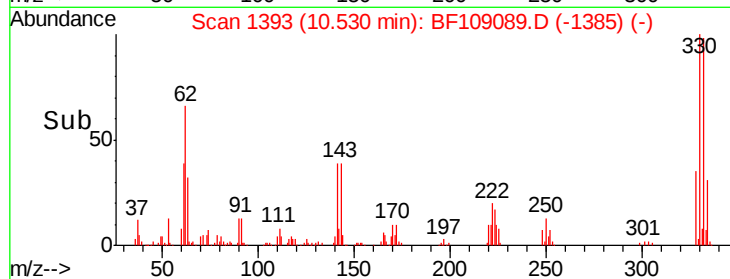
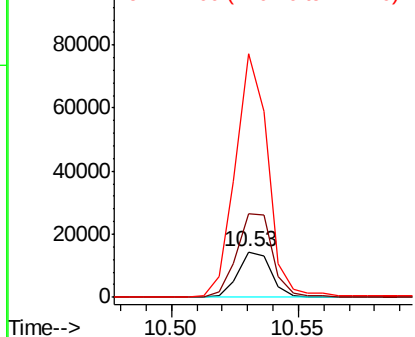
#66
 4-Bromophenyl-phenylether
 Concen: 2.995 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109089.D
 Acq: 18 Sep 2018 10:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13367
 Ion Ratio Lower Upper
 248 100
 250 183.9 76.9 115.3#
 141 532.6 74.4 111.6#

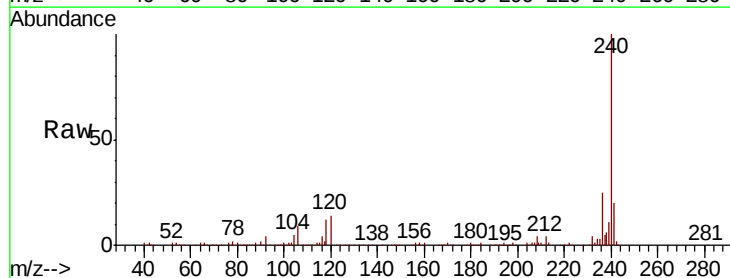


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

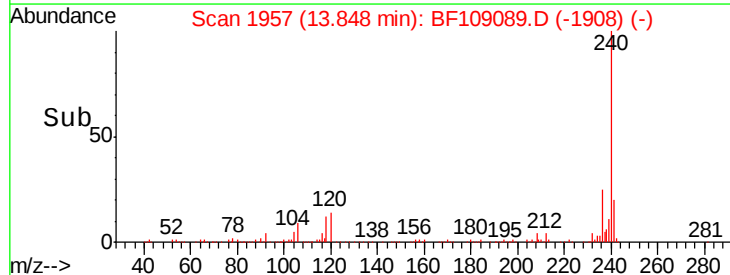
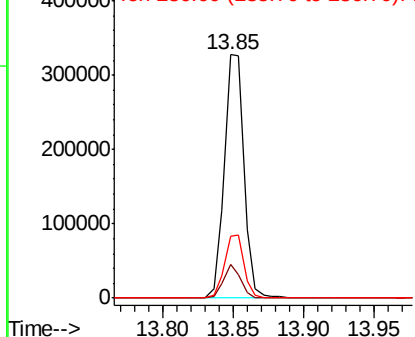


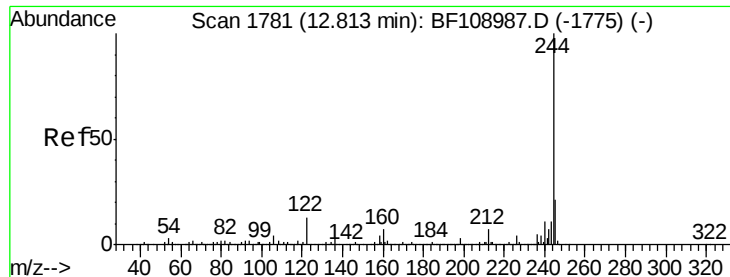
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109089.D
 Acq: 18 Sep 2018 10:50

Tgt Ion:240 Resp: 317845
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 25.3 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

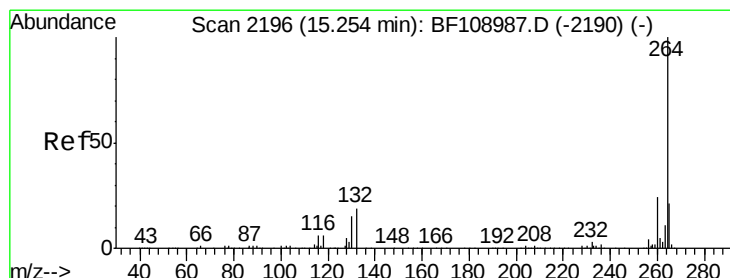
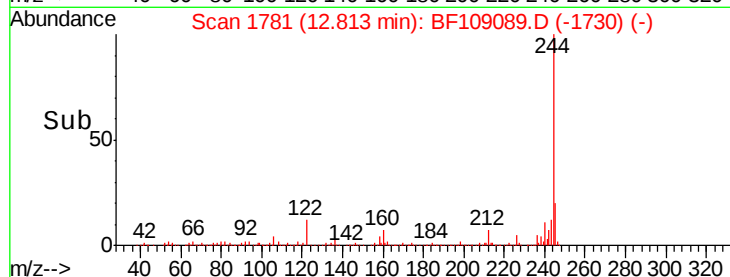
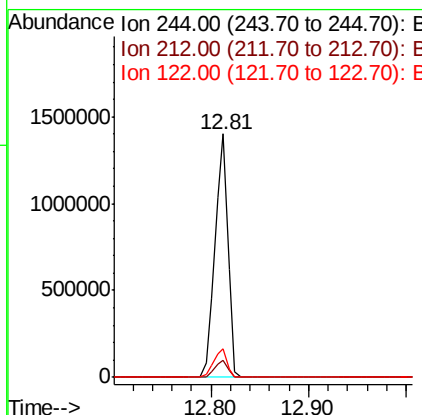
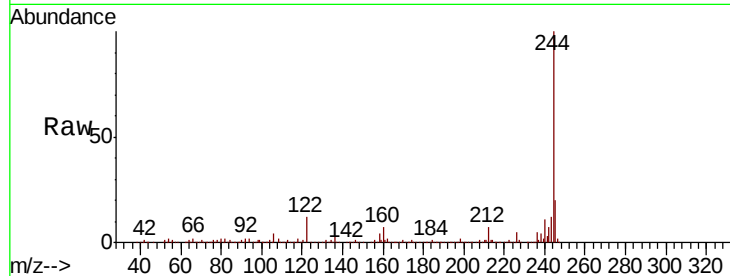




#78
 Terphenyl-d14
 Concen: 96.000 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109089.D
 Acq: 18 Sep 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1287325
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109089.D
 Acq: 18 Sep 2018 10:50

Tgt Ion:264 Resp: 295473
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.9 17.5 26.3

