

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109189.D
 Acq On : 20 Sep 2018 18:39
 Operator : JU/SJ
 Sample : J5004-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 19:27:50 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

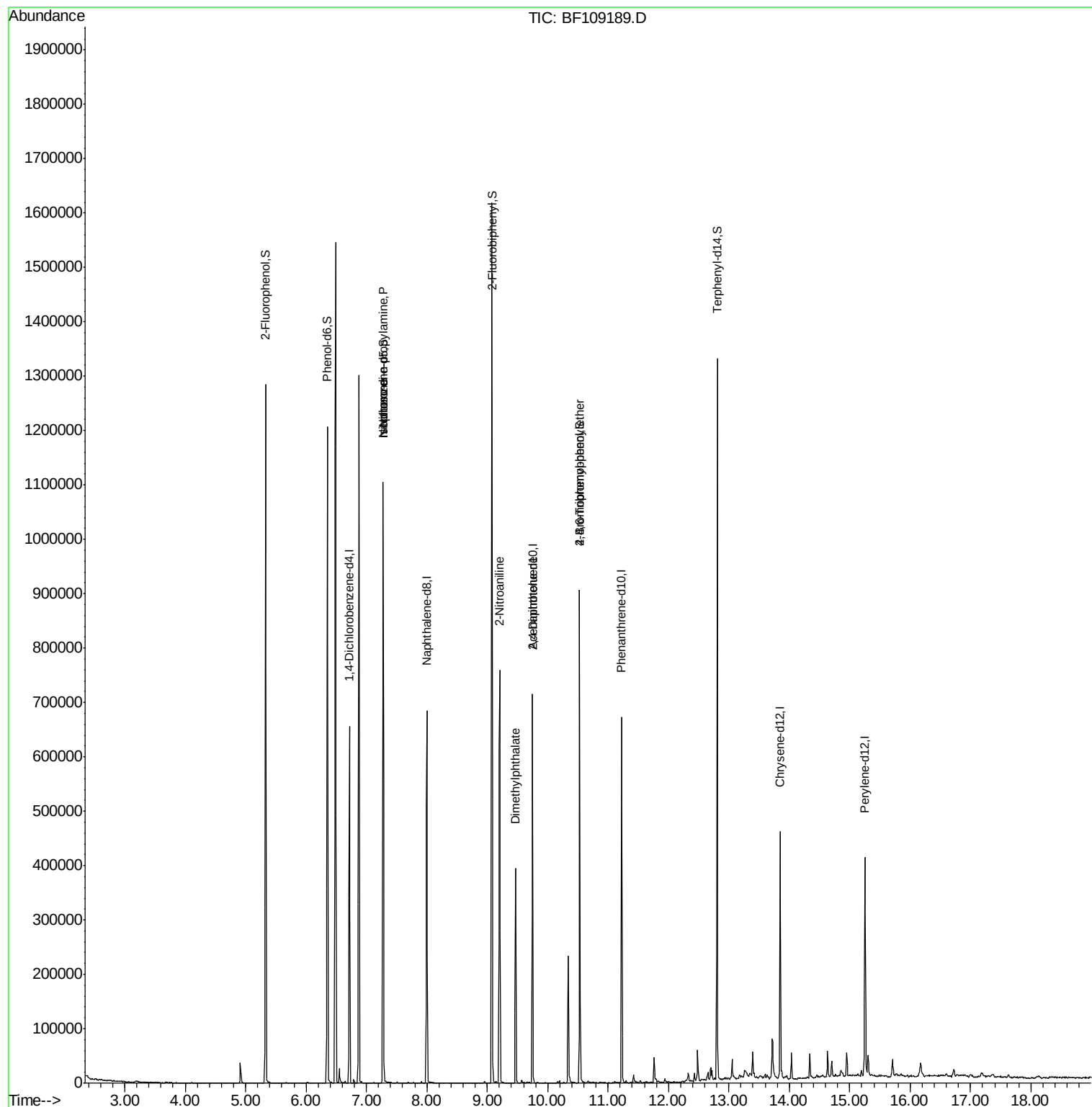
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	77801	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	278068	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	130151	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	228860	20.00	ng	0.00
75) Chrysene-d12	13.85	240	138439	20.00	ng	-0.01
86) Perylene-d12	15.25	264	172373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	316658	67.60	ng	0.00
7) Phenol-d6	6.35	99	386933	64.06	ng	0.00
23) Nitrobenzene-d5	7.28	82	349455	70.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	99595	70.51	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	459251	55.28	ng	0.00
78) Terphenyl-d14	12.81	244	400946	68.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	48185	12.069	ng	# 78
25) Isophorone	7.28	82	346607	40.672	ng	# 64
47) 2-Nitroaniline	9.21	65	7920	3.089	ng	# 9
49) Dimethylphthalate	9.47	163	153538	16.505	ng	99
56) 2,4-Dinitrotoluene	9.75	165	16237	6.018	ng	# 22
66) 4-Bromophenyl-phenylether	10.53	248	6320	2.450	ng	# 1

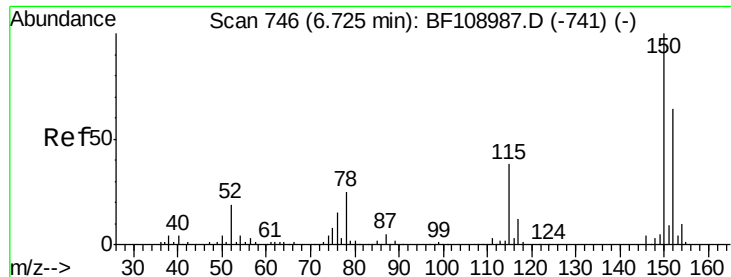
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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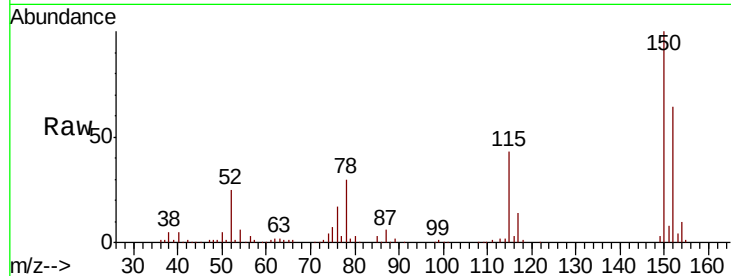


#1

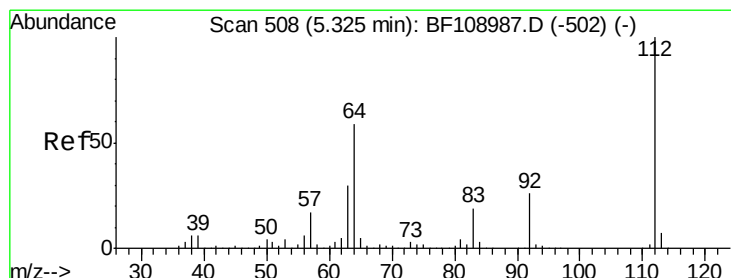
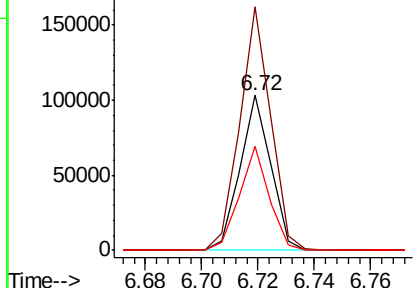
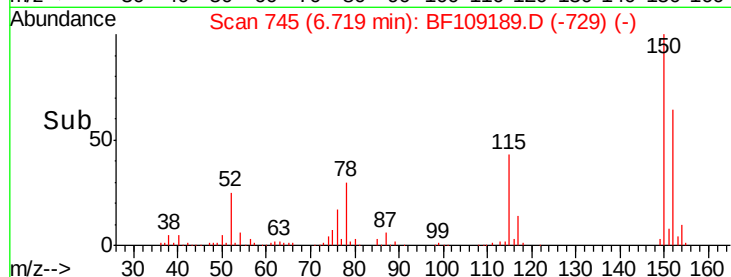
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109189.D
 Acq: 20 Sep 2018 18:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 77801
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 67.4 50.1 75.1



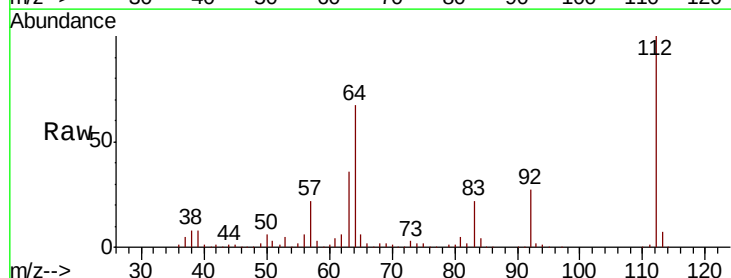
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



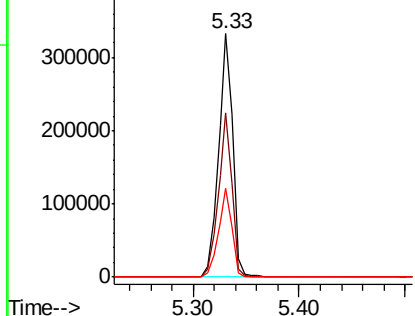
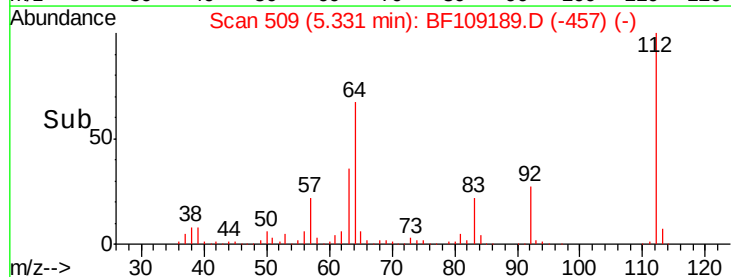
#5

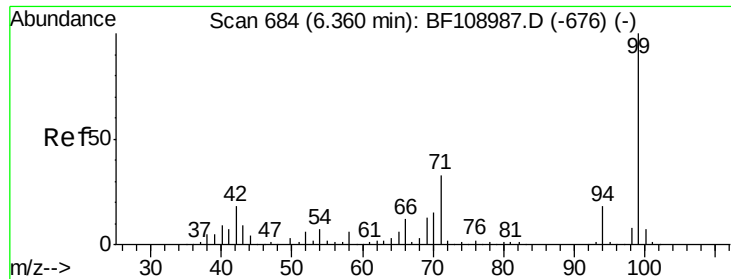
2-Fluorophenol
 Concen: 67.600 ng
 RT: 5.33 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF109189.D
 Acq: 20 Sep 2018 18:39

Tgt Ion:112 Resp: 316658
 Ion Ratio Lower Upper
 112 100
 64 67.3 47.9 71.9
 63 36.3 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: 64.060 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109189.D

Acq: 20 Sep 2018 18:39

Instrument :

BNA_F

ClientSampled :

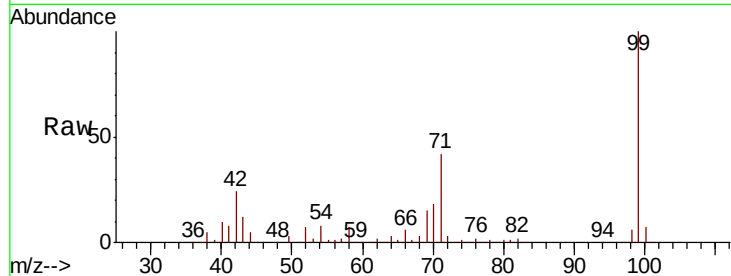
Tot Ion: 99 Resp: 386933

Ion Ratio Lower Upper

99 100

42 24.1 14.5 21.7#

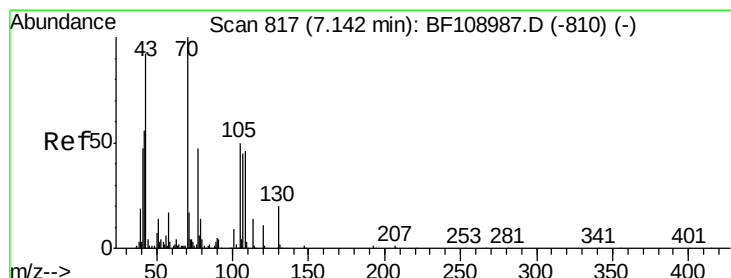
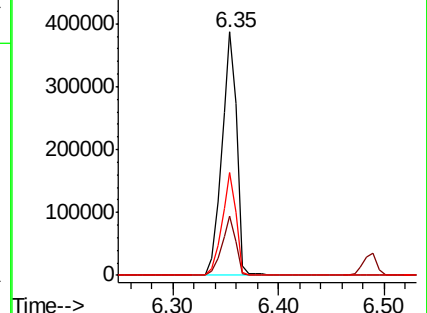
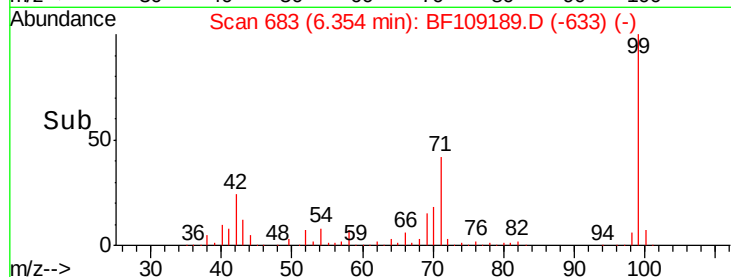
71 42.3 25.4 38.0#



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: 12.069 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109189.D

Acq: 20 Sep 2018 18:39

Tgt Ion: 70 Resp: 48185

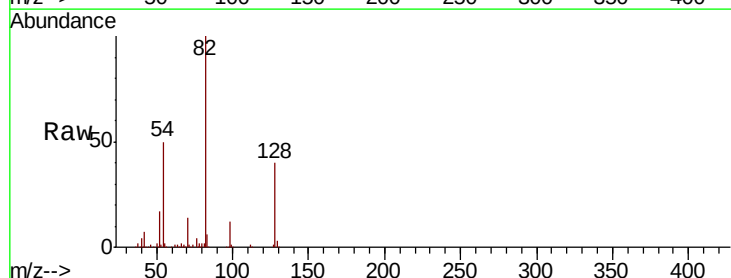
Ion Ratio Lower Upper

70 100

42 48.0 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

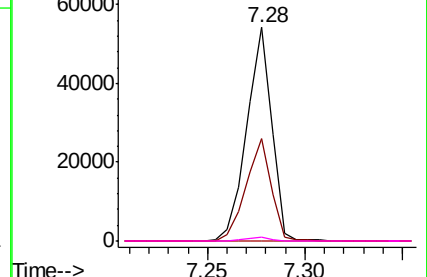
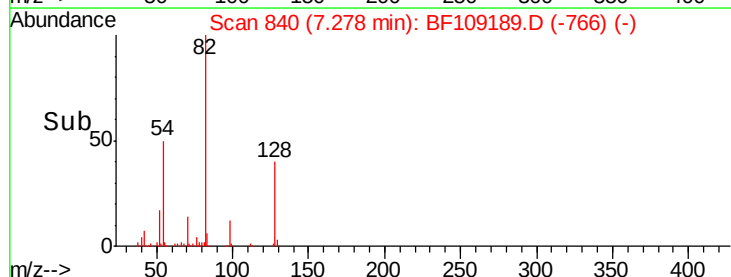


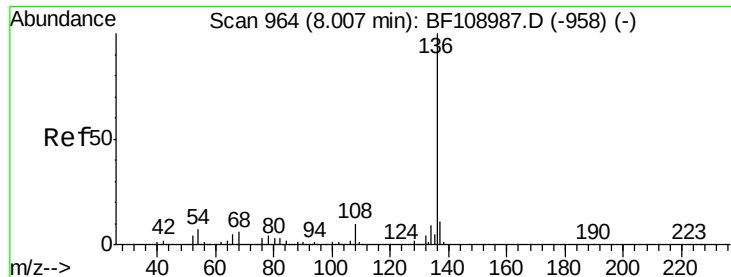
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

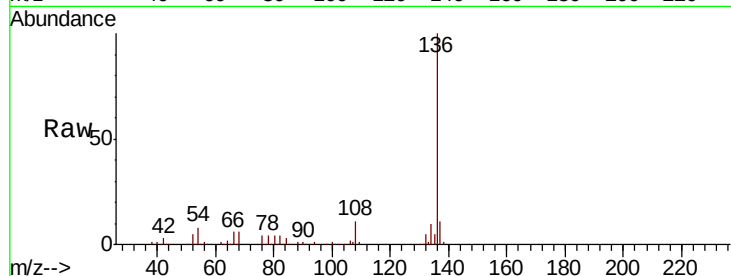
Delta R.T. -0.01 min

Lab File: BF109189.D

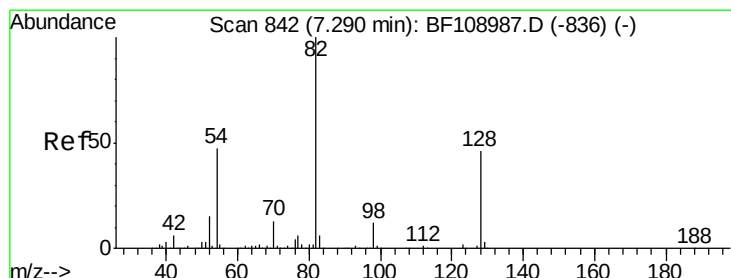
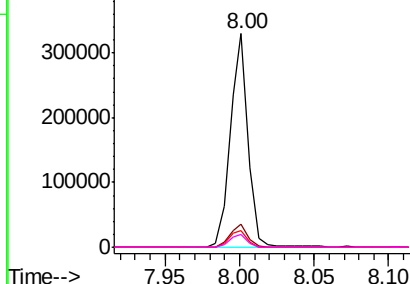
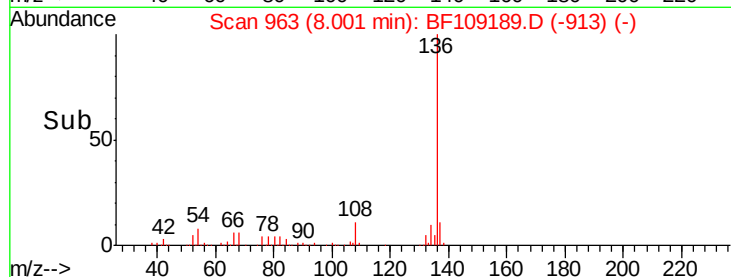
Acq: 20 Sep 2018 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	278068
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	7.7	6.6 9.8
68	5.8	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: 70.487 ng

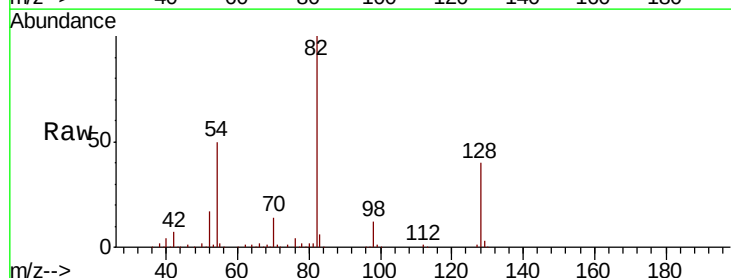
RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

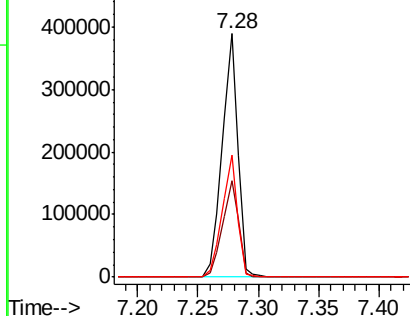
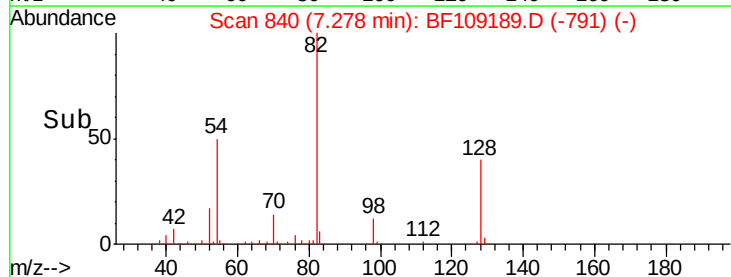
Lab File: BF109189.D

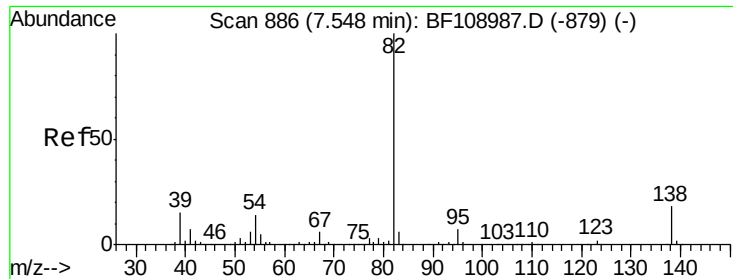
Acq: 20 Sep 2018 18:39

Tgt Ion: 82	Resp:	349455
Ion	Ratio	Lower Upper
82	100	
128	39.8	36.1 54.1
54	50.1	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: 40.672 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109189.D

Acq: 20 Sep 2018 18:39

Instrument :

BNA_F

ClientSampled :

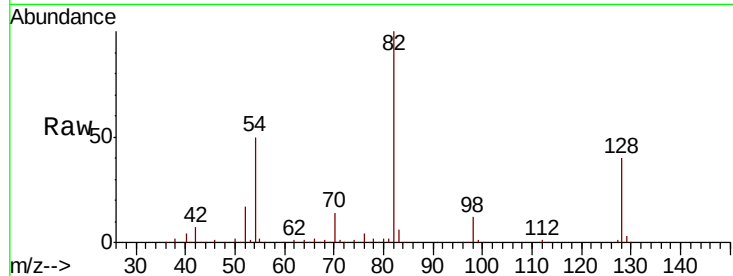
Tot Ion: 82 Resp: 346607

Ion Ratio Lower Upper

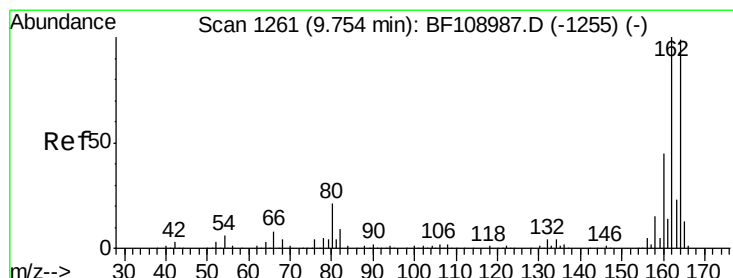
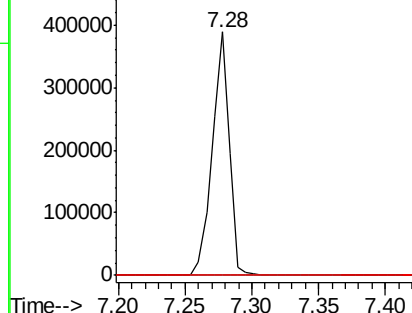
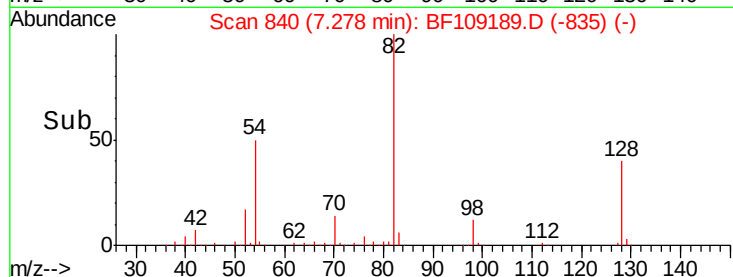
82 100

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: BF109189.D

Acq: 20 Sep 2018 18:39

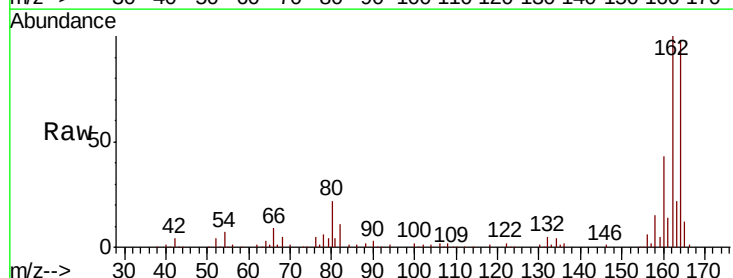
Tgt Ion: 164 Resp: 130151

Ion Ratio Lower Upper

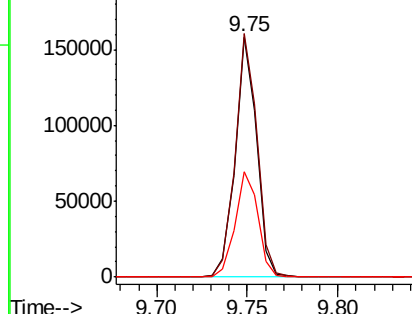
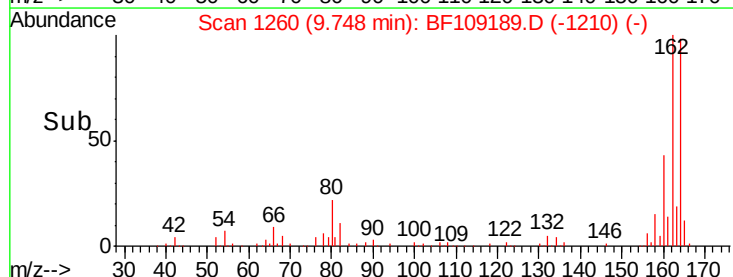
164 100

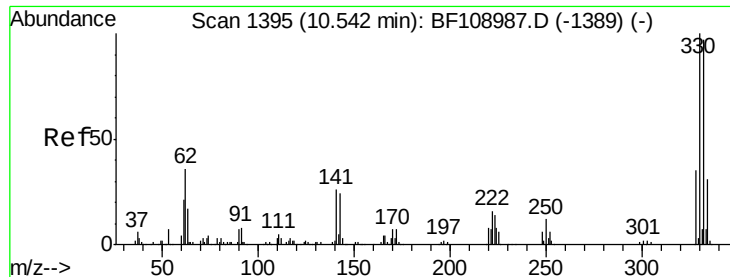
162 101.5 86.1 129.1

160 44.0 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

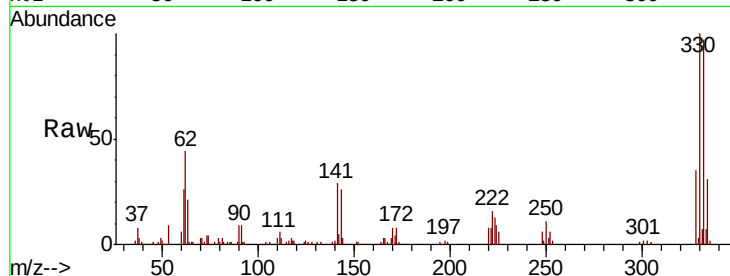




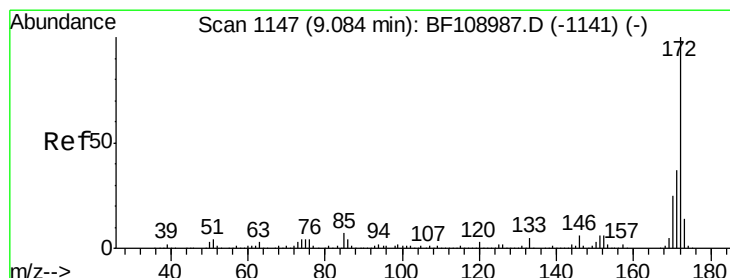
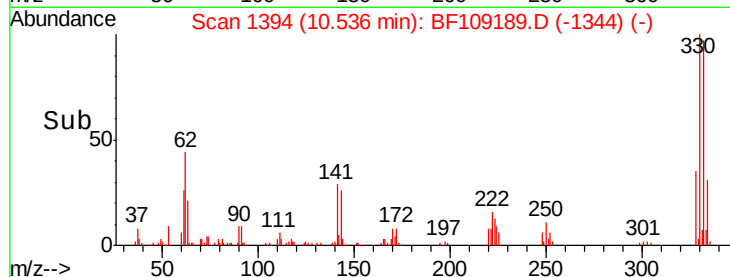
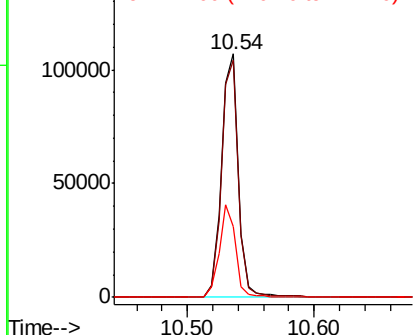
#41
 2,4,6-Tribromophenol
 Concen: 70.510 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109189.D
 Acq: 20 Sep 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	36.6	29.9	44.9

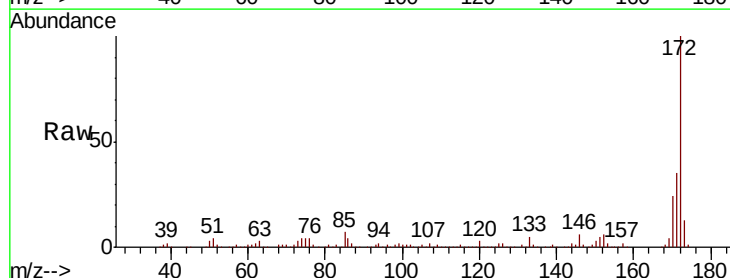


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

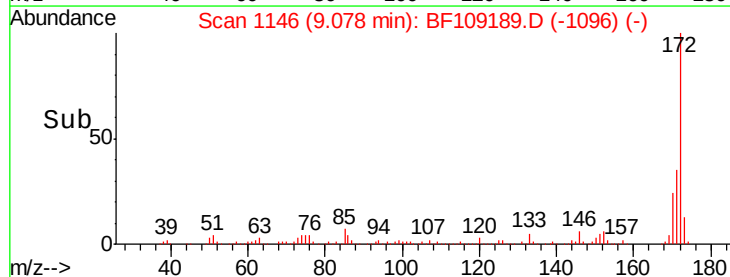
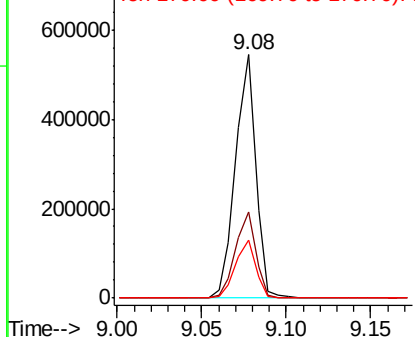


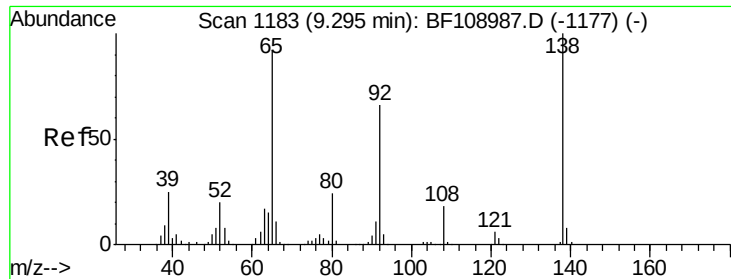
#44
 2-Fluorobiphenyl
 Concen: 55.284 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109189.D
 Acq: 20 Sep 2018 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.9	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

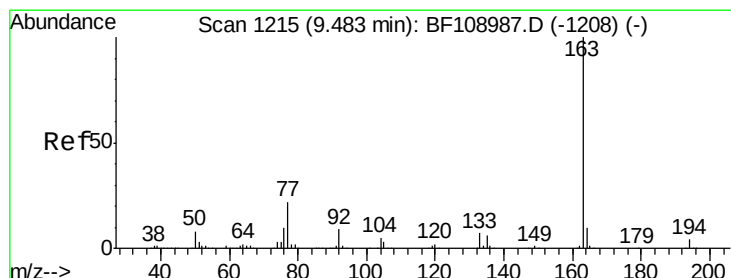
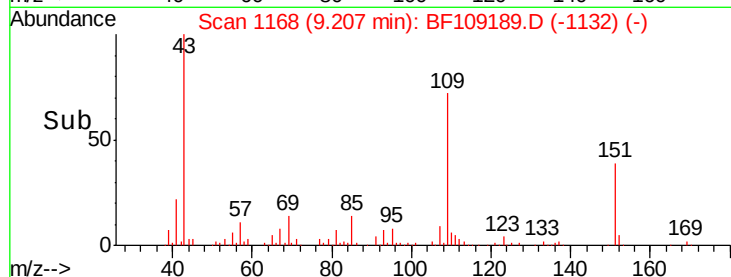
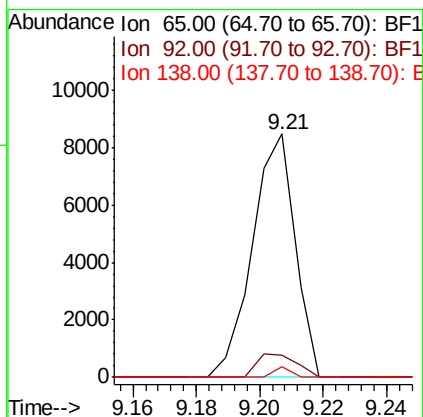
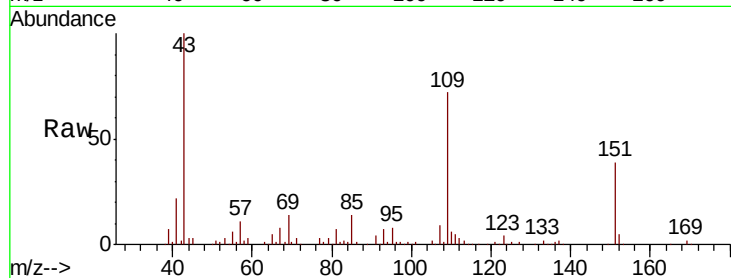




#47
 2-Nitroaniline
 Concen: 3.089 ng
 RT: 9.21 min Scan# 1168
 Delta R.T. -0.09 min
 Lab File: BF109189.D
 Acq: 20 Sep 2018 18:39

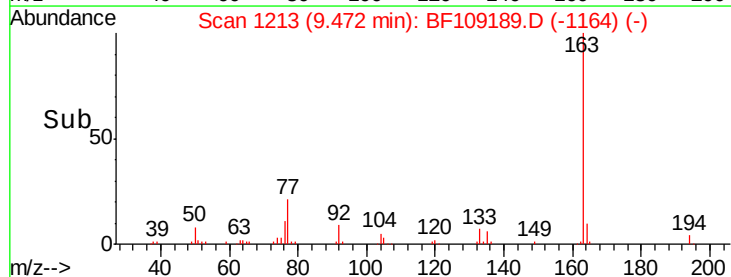
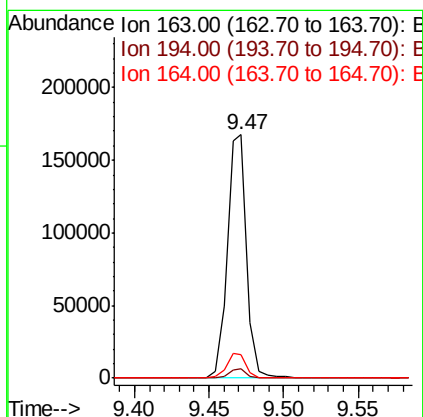
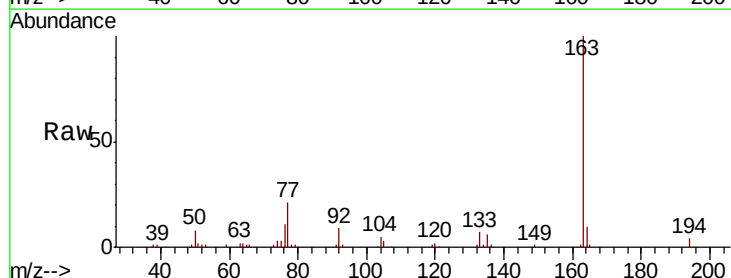
Instrument :
 BNA_F
 ClientSampled :

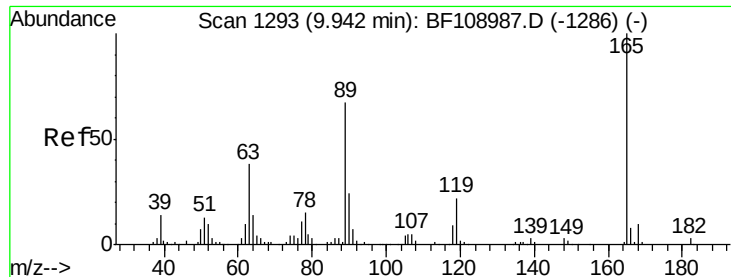
Tot Ion: 65 Resp: 7920
 Ion Ratio Lower Upper
 65 100
 92 9.0 55.8 83.6#
 138 4.1 91.2 136.8#



#49
 Dimethylphthalate
 Concen: 16.505 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109189.D
 Acq: 20 Sep 2018 18:39

Tgt Ion: 163 Resp: 153538
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 9.6 8.2 12.2

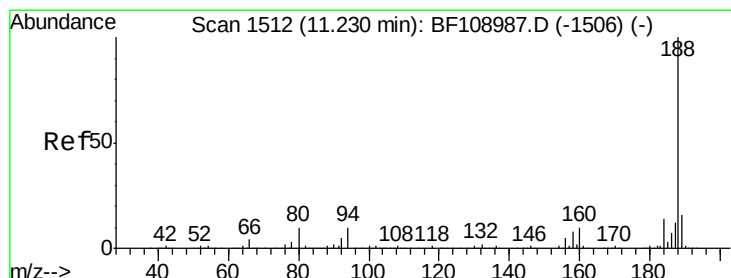
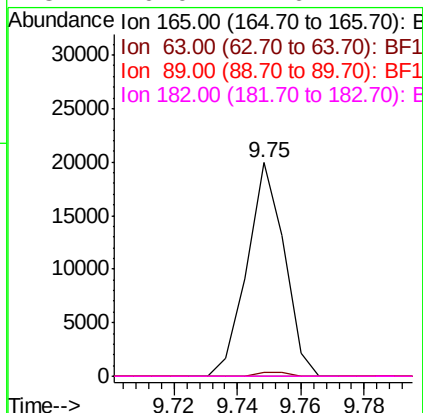
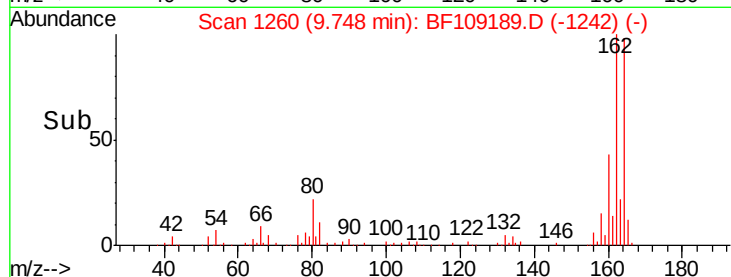
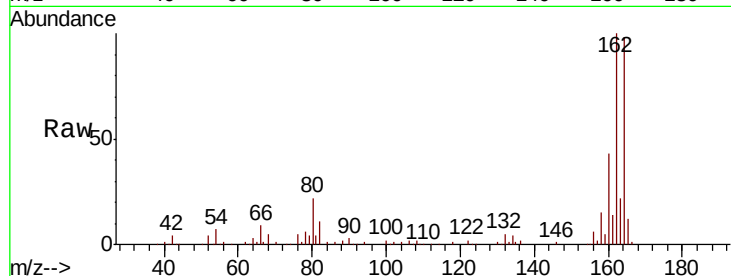




#56
 2,4-Dinitrotoluene
 Concen: 6.018 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109189.D
 Acq: 20 Sep 2018 18:39

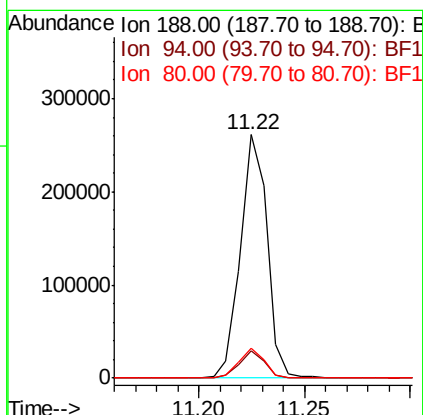
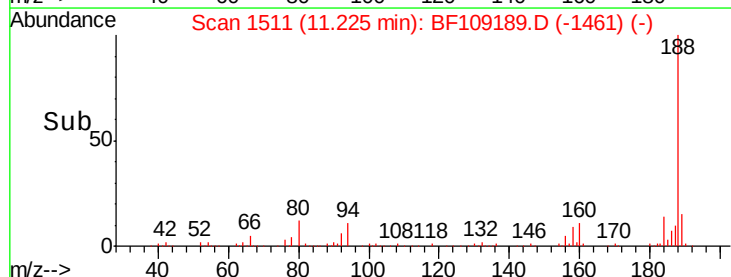
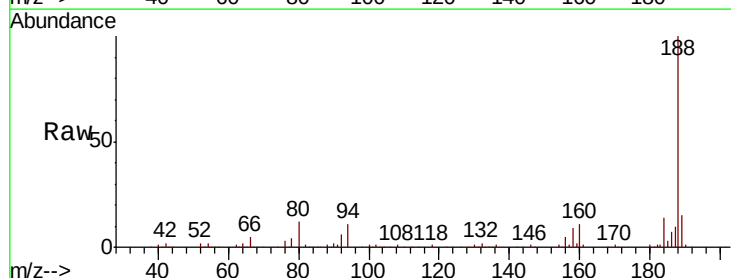
Instrument :
 BNA_F
 ClientSampleId :

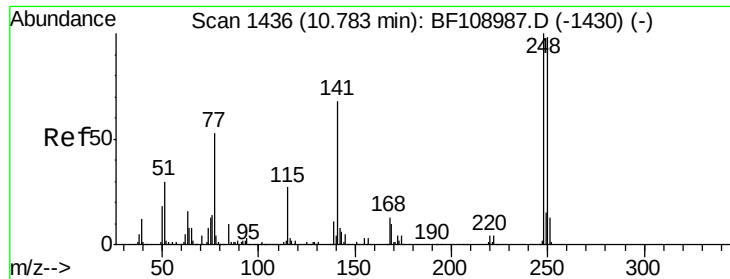
Tot Ion:165	Resp:	16237
Ion Ratio	Lower	Upper
165	100	
63	1.7	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109189.D
 Acq: 20 Sep 2018 18:39

Tgt Ion:188	Resp:	228860
Ion Ratio	Lower	Upper
188	100	
94	11.4	8.5 12.7
80	12.4	9.2 13.8

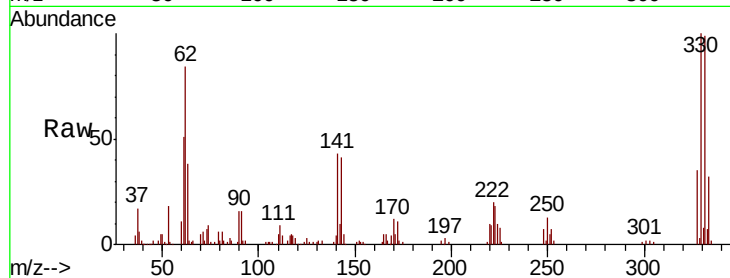




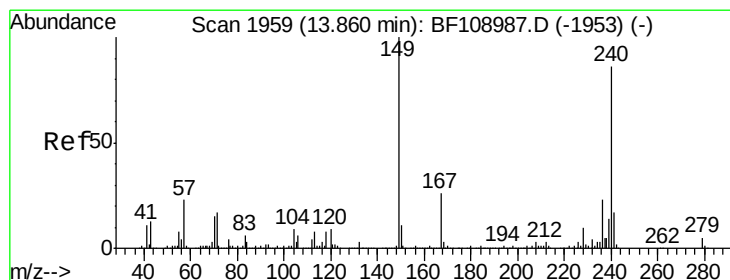
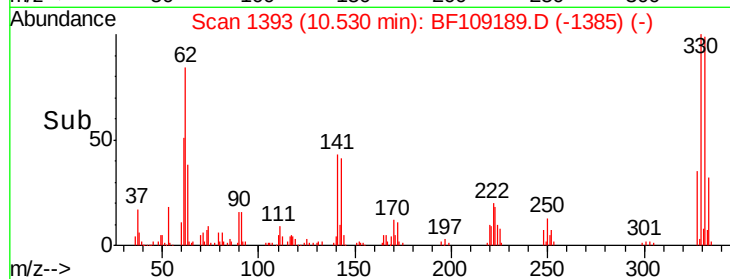
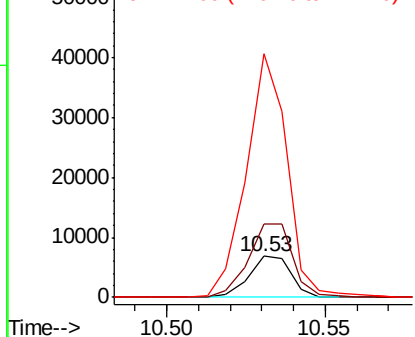
#66
4-Bromophenyl-phenylether
Concen: 2.450 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109189.D
Acq: 20 Sep 2018 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6320
Ion Ratio Lower Upper
248 100
250 180.1 76.9 115.3#
141 593.5 74.4 111.6#

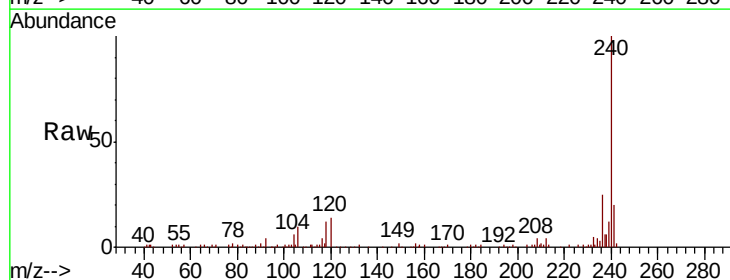


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

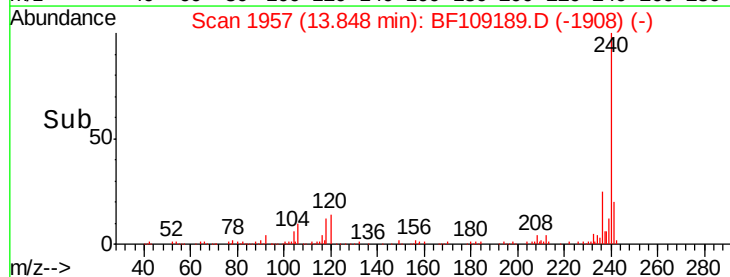
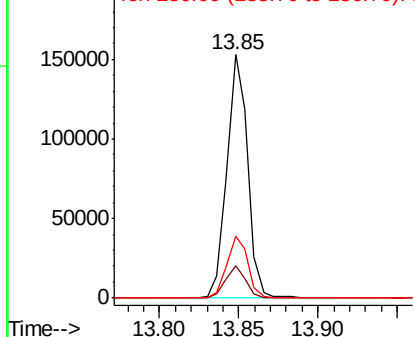


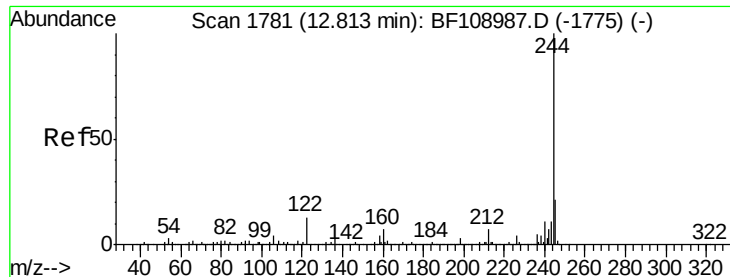
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109189.D
Acq: 20 Sep 2018 18:39

Tgt Ion:240 Resp: 138439
Ion Ratio Lower Upper
240 100
120 13.6 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: 68.647 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109189.D

Acq: 20 Sep 2018 18:39

Instrument :

BNA_F

ClientSampleId :

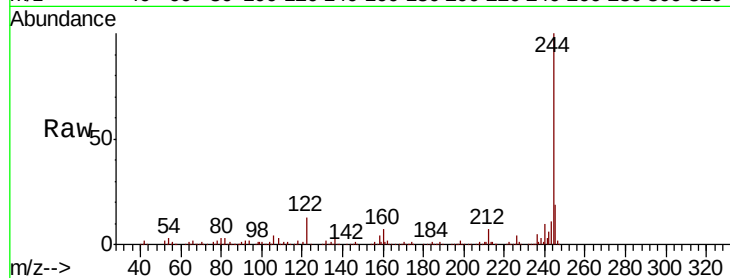
Tot Ion:244 Resp: 400946

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

122 12.8 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

12.81

400000

300000

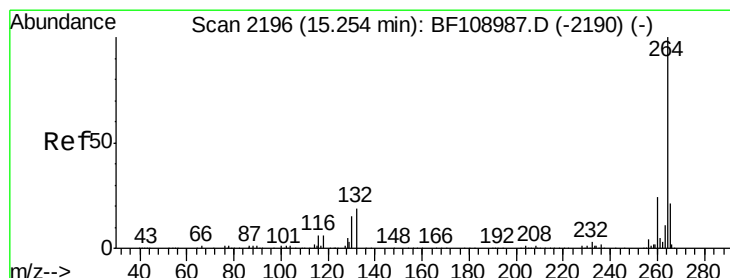
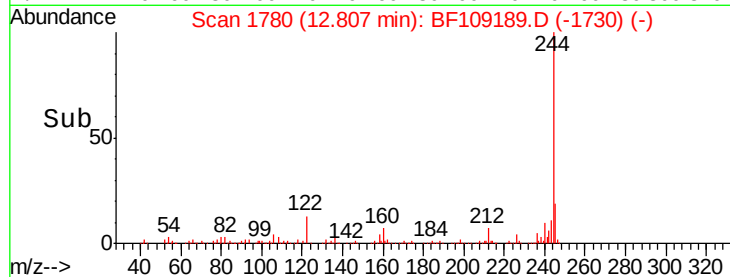
200000

100000

0

12.80 12.90

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF109189.D

Acq: 20 Sep 2018 18:39

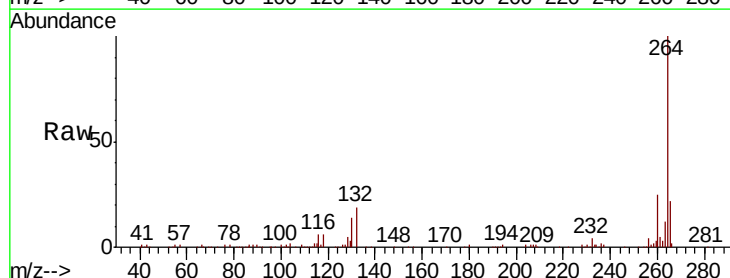
Tgt Ion:264 Resp: 172373

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.9 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

15.25

200000

150000

100000

50000

0

15.20 15.30

Time-->

