

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109074.D
 Acq On : 18 Sep 2018 4:00
 Operator : JU/SJ
 Sample : J4943-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

Quant Time: Sep 18 05:20:56 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

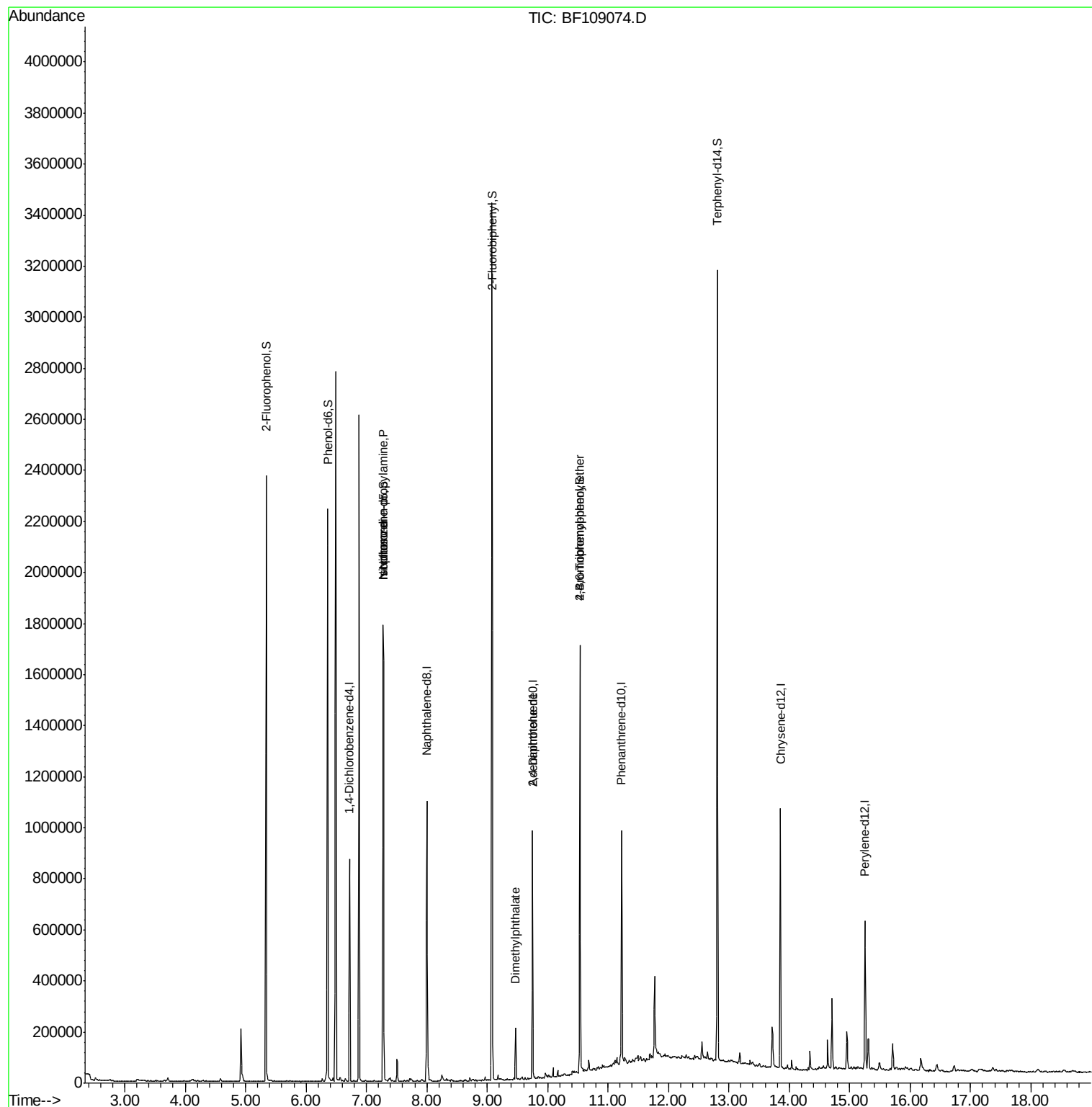
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128414	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	428288	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	177802	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	338067	20.00	ng	0.00
75) Chrysene-d12	13.85	240	346114	20.00	ng	0.00
86) Perylene-d12	15.25	264	245131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	723888	93.63	ng	0.02
7) Phenol-d6	6.36	99	795569	79.80	ng	0.00
23) Nitrobenzene-d5	7.28	82	607942	79.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	208571	108.09	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	987670	87.03	ng	0.00
78) Terphenyl-d14	12.81	244	1026694	70.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	82373	12.500	ng	# 78
25) Isophorone	7.28	82	608028	46.322	ng	# 64
49) Dimethylphthalate	9.47	163	80727	6.352	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	22267	6.041	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12624	3.312	ng	# 1

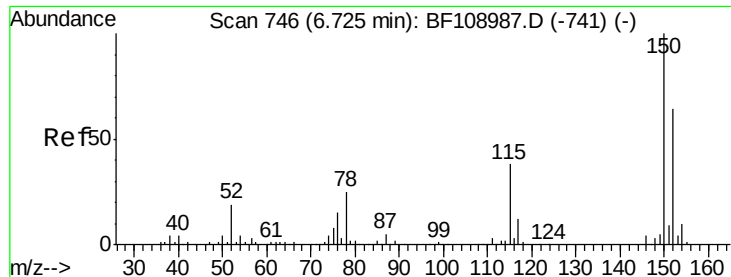
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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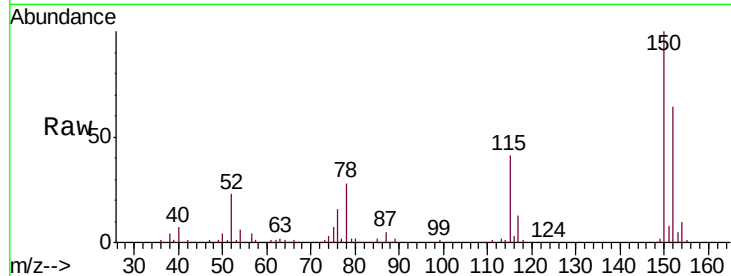


#1

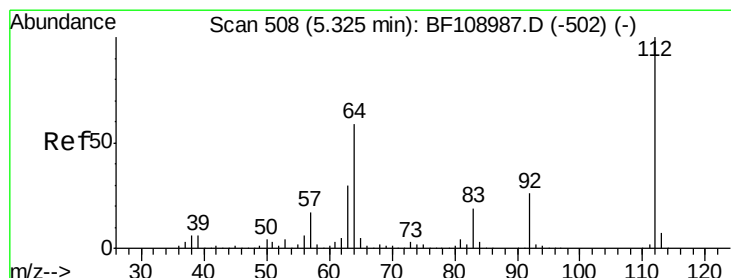
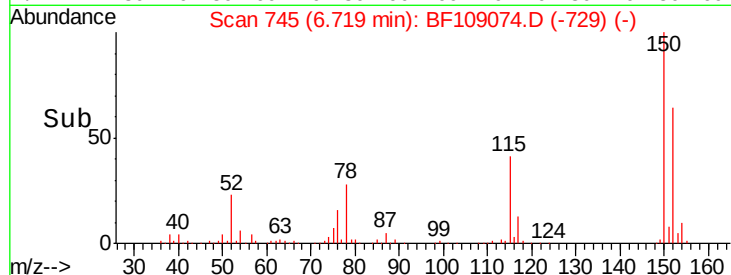
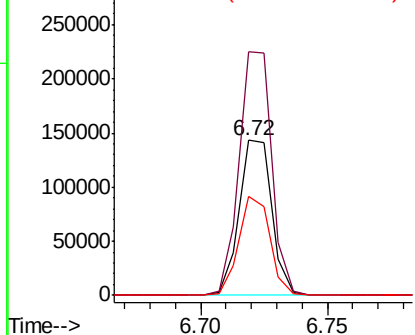
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109074.D
Acq: 18 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tgt Ion:152 Resp: 128414
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 64.2 50.1 75.1



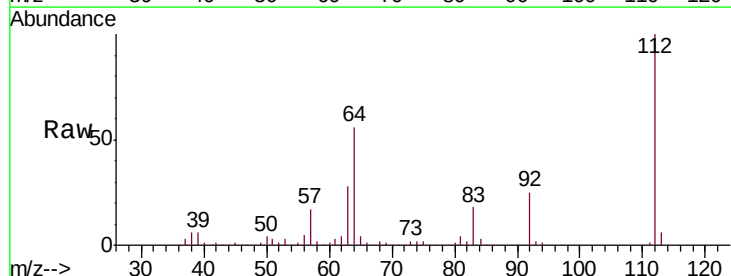
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



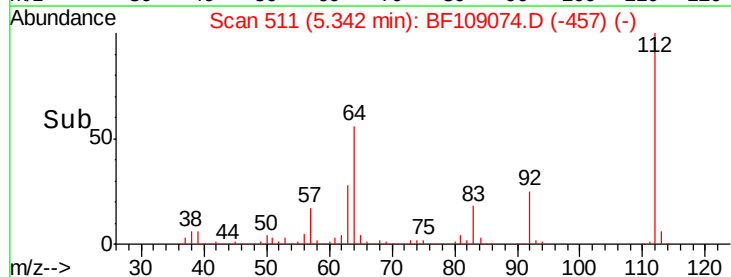
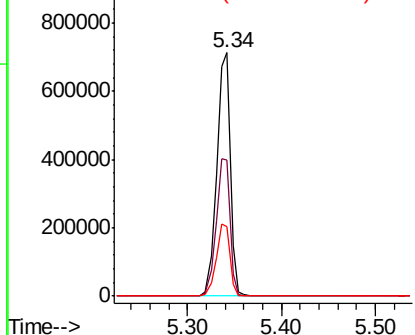
#5

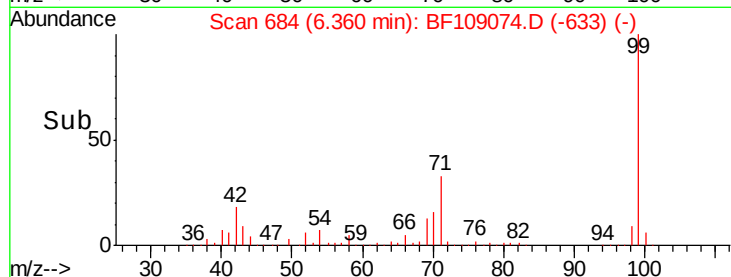
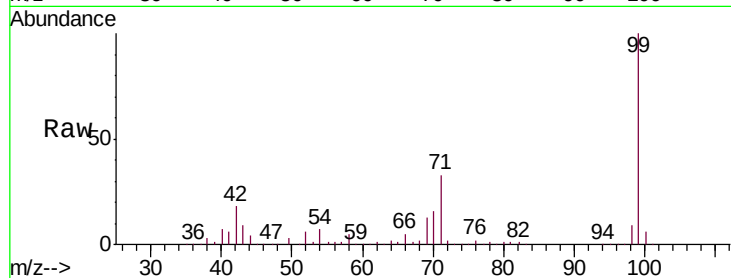
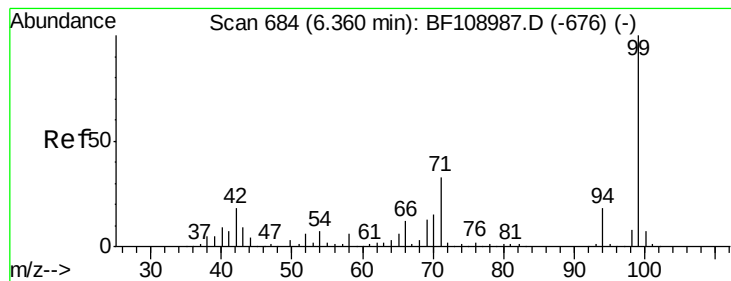
2-Fluorophenol
Concen: 93.626 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.02 min
Lab File: BF109074.D
Acq: 18 Sep 2018 4:00

Tgt Ion:112 Resp: 723888
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 28.5 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: 79.799 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

RBR200051

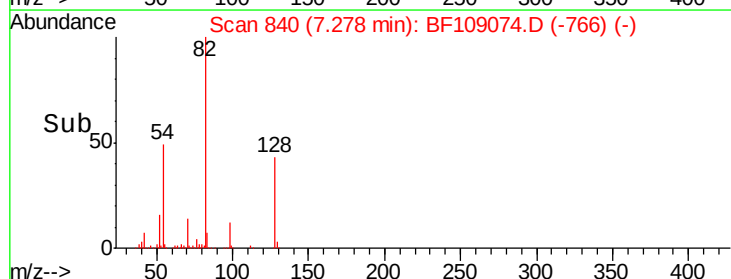
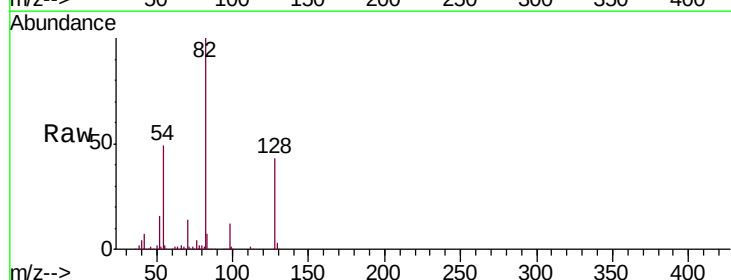
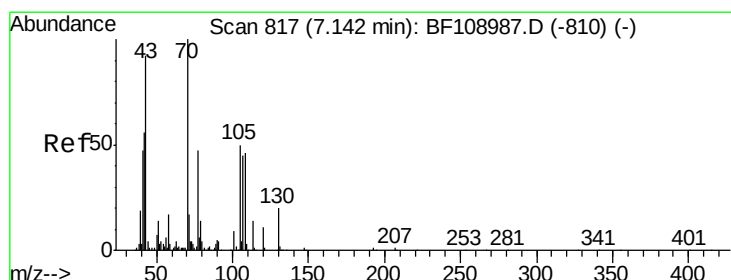
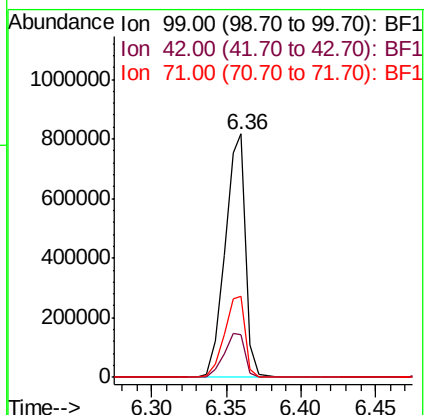
Tgt Ion: 99 Resp: 795569

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 33.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.500 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

Tgt Ion: 70 Resp: 82373

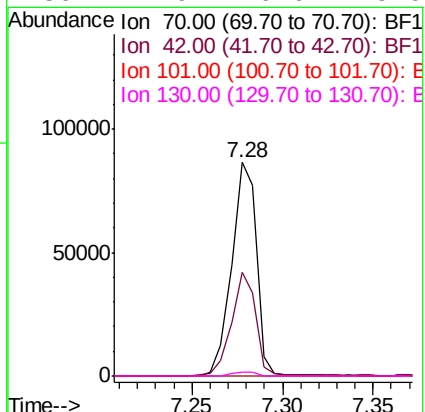
Ion Ratio Lower Upper

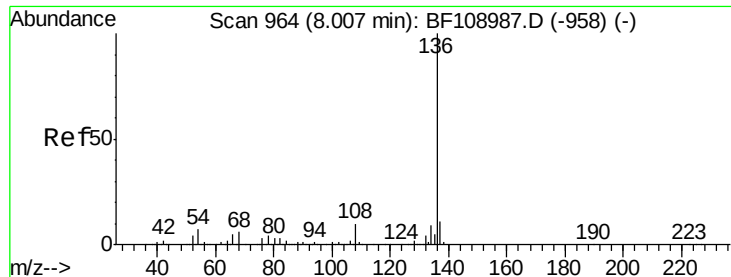
70 100

42 48.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

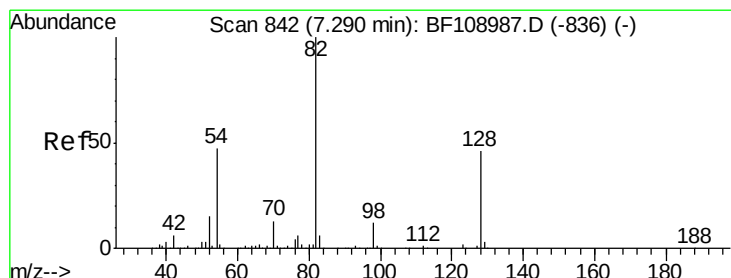
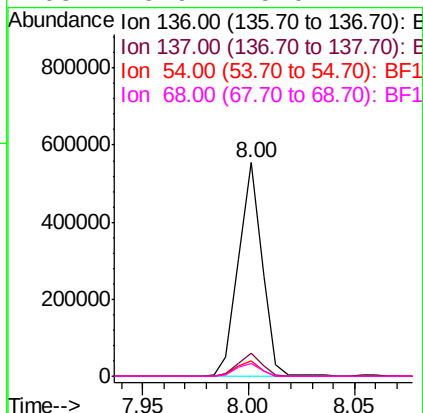
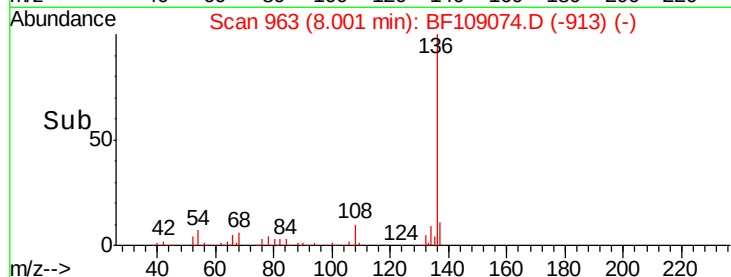
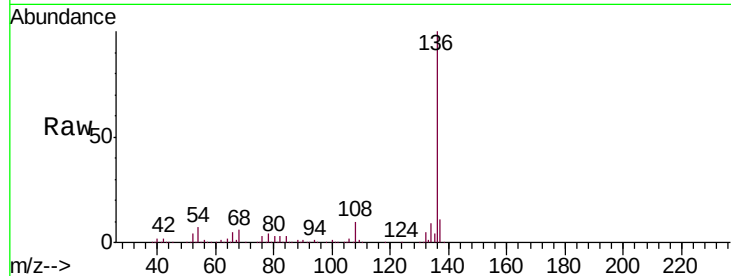




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109074.D
Acq: 18 Sep 2018 4:00

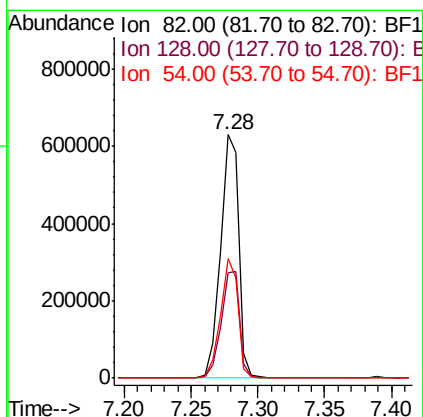
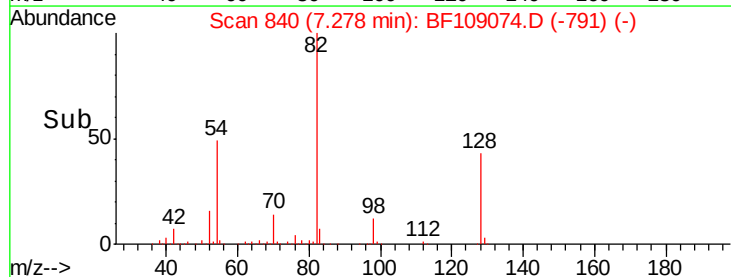
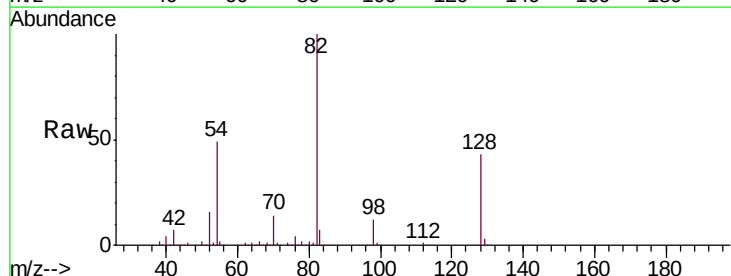
Instrument :
BNA_F
ClientSampleId :
RBR200051

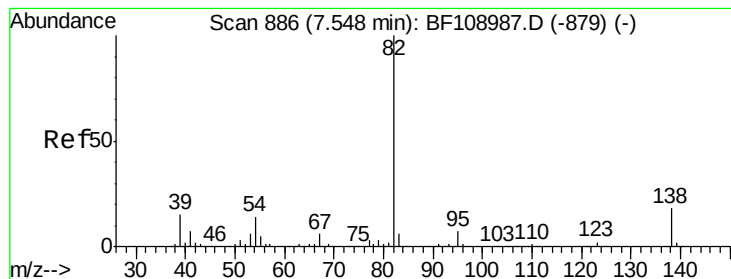
Tgt Ion:	136	Resp:	428288
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.4	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 79.616 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109074.D
Acq: 18 Sep 2018 4:00

Tgt Ion:	82	Resp:	607942
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	48.8	41.4	62.2





#25

Isophorone

Concen: 46.322 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

RBR200051

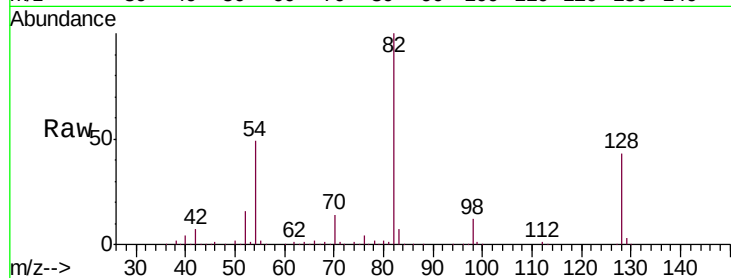
Tgt Ion: 82 Resp: 608028

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

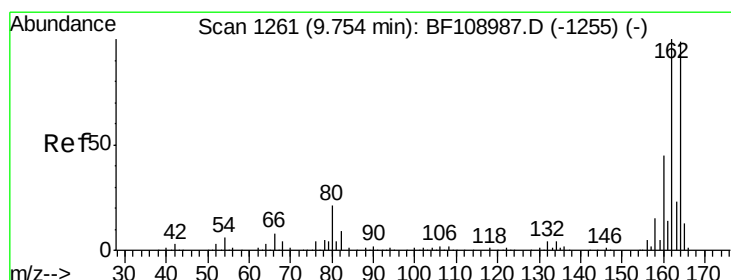
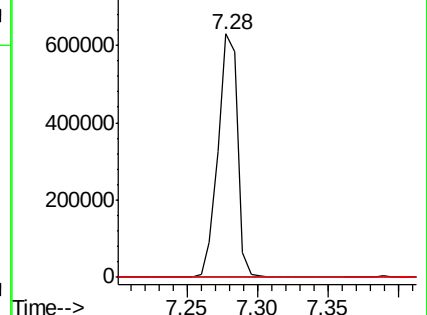
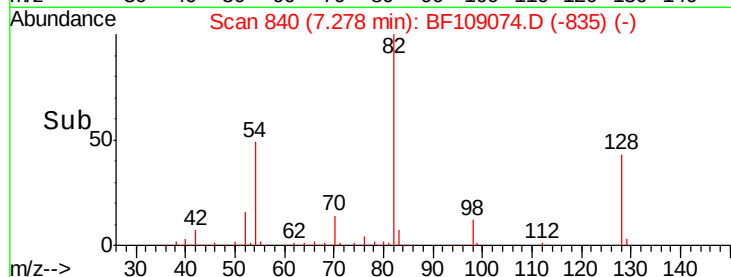
138 0.0 14.9 22.3#



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: BF109074.D

Acq: 18 Sep 2018 4:00

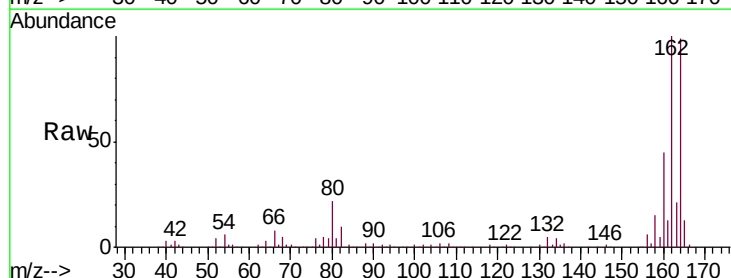
Tgt Ion: 164 Resp: 177802

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

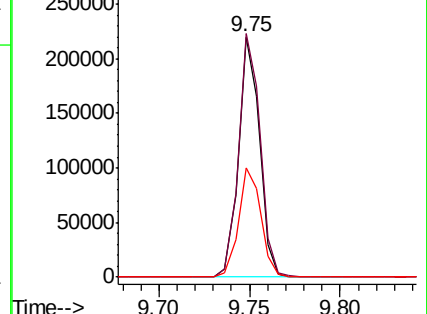
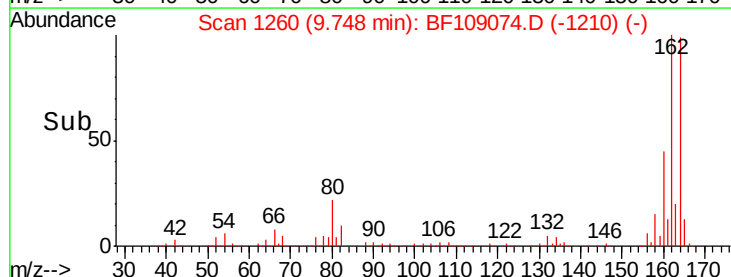
160 45.5 38.3 57.5

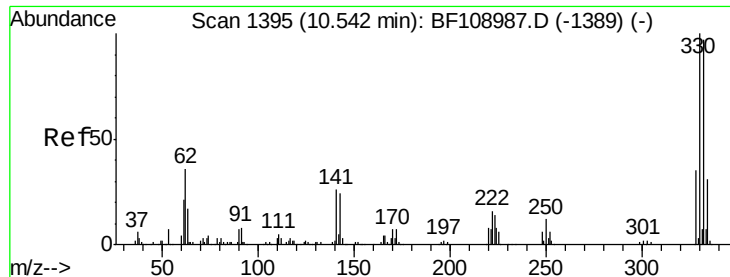


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

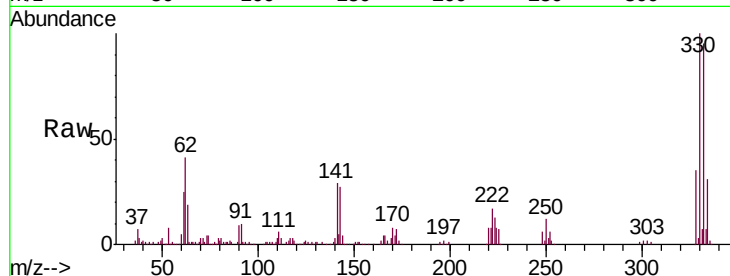




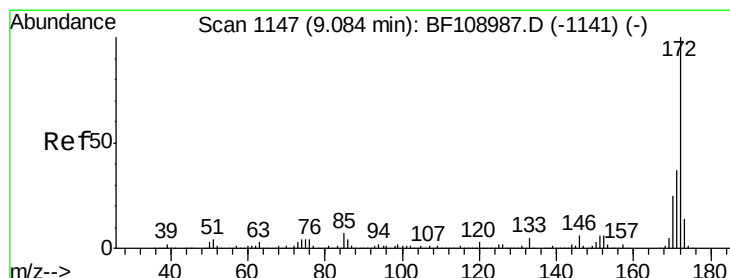
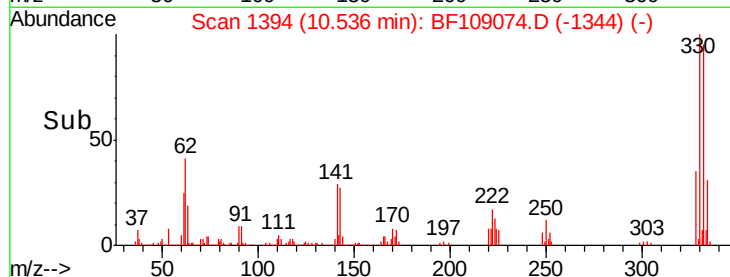
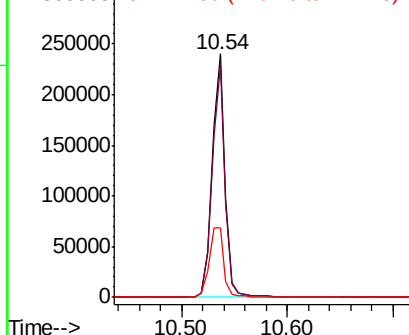
#41
 2,4,6-Tribromophenol
 Concen: 108.089 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109074.D
 Acq: 18 Sep 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.9	29.9	44.9

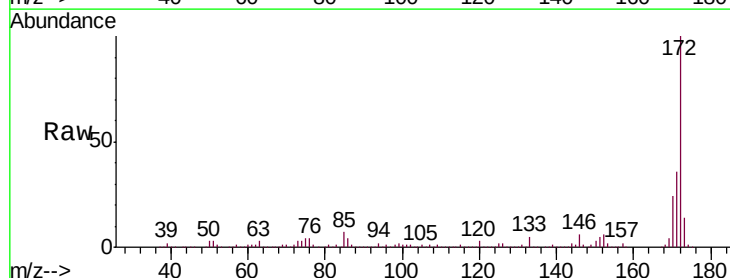


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

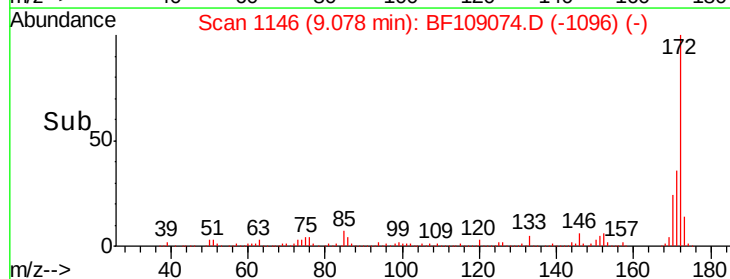
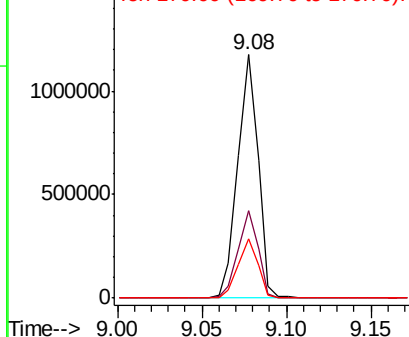


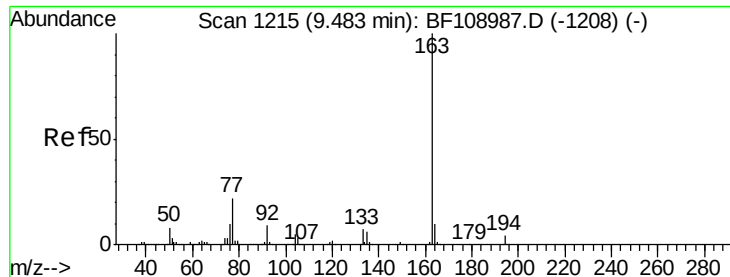
#44
 2-Fluorobiphenyl
 Concen: 87.030 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109074.D
 Acq: 18 Sep 2018 4:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	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: 6.352 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

RBR200051

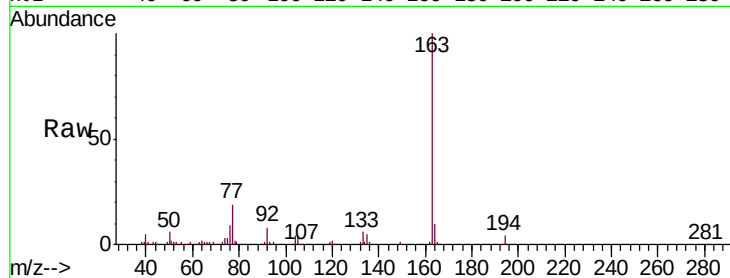
Tgt Ion:163 Resp: 80727

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

164 10.3 8.2 12.2

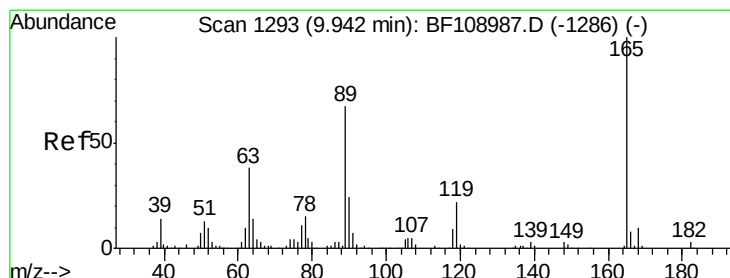
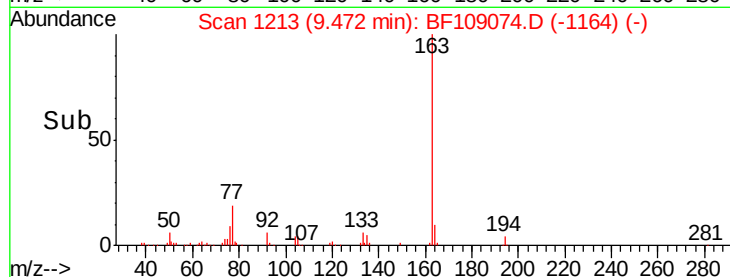
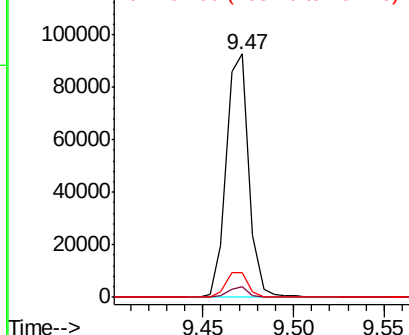


Abundance

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: 6.041 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

Tgt Ion:165 Resp: 22267

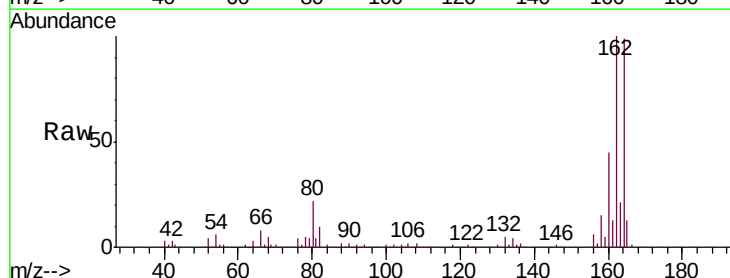
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#



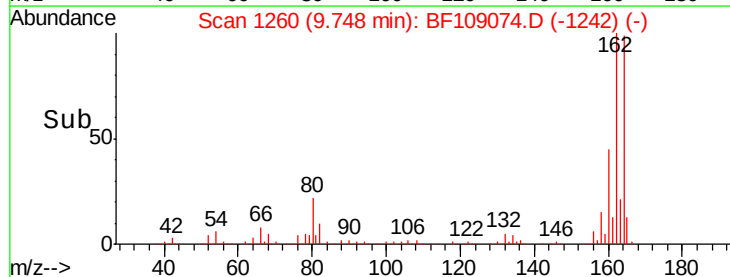
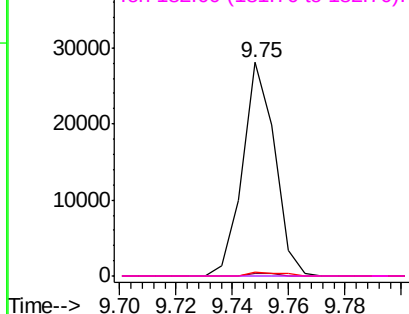
Abundance

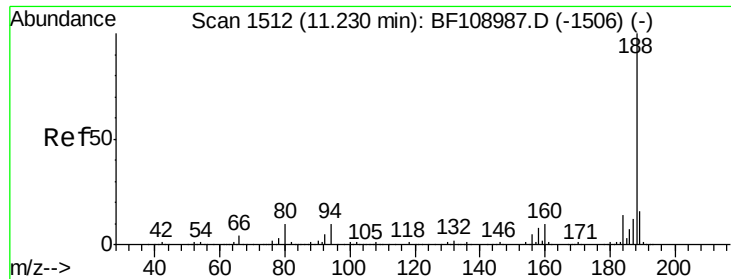
Ion 165.00 (164.70 to 165.70): E

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

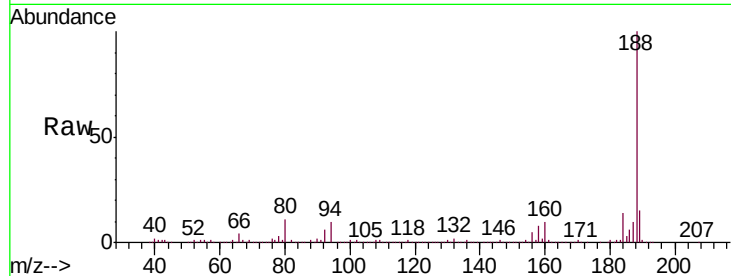




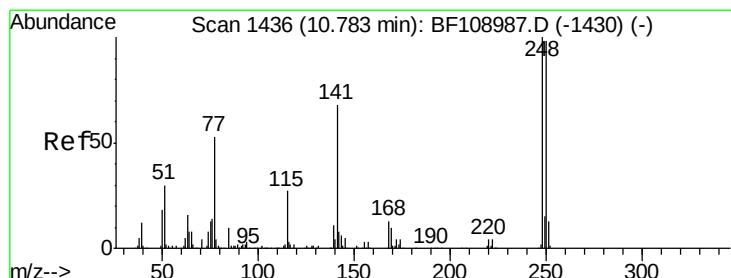
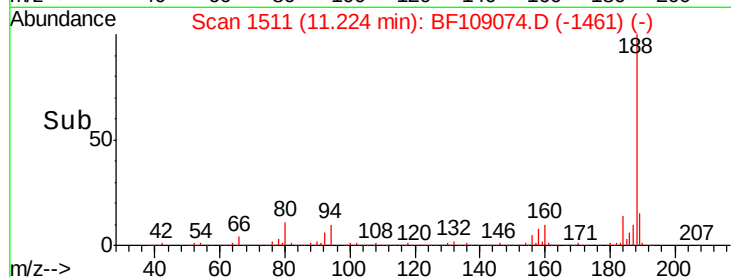
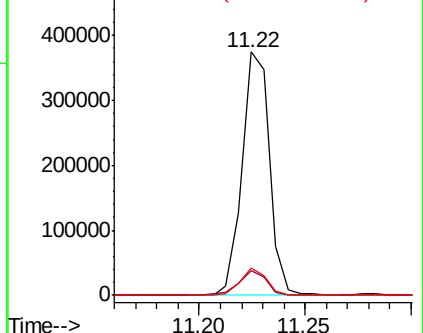
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109074.D
Acq: 18 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tgt Ion:188 Resp: 338067
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.2 13.8

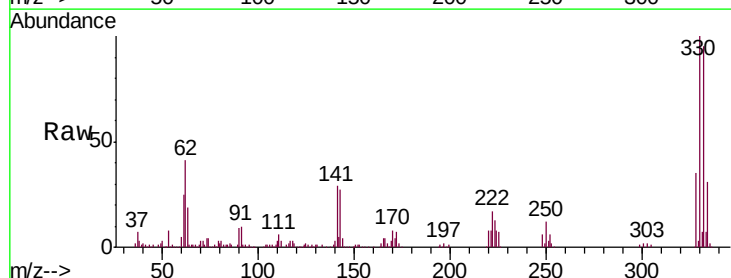


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

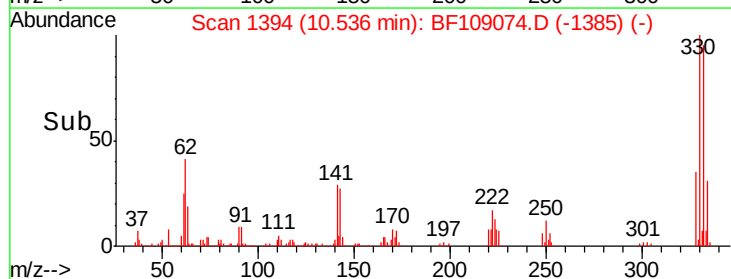
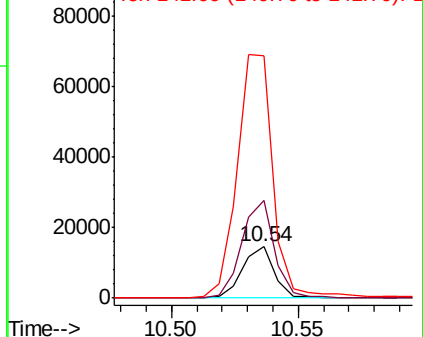


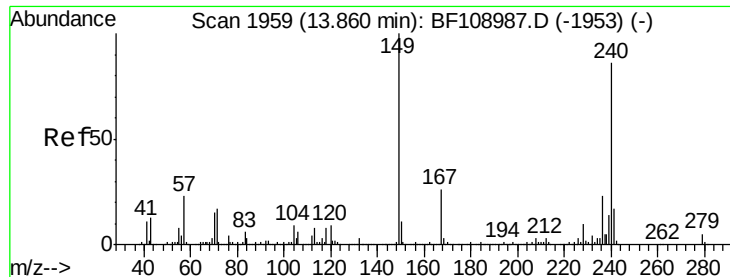
#66
4-Bromophenyl-phenylether
Concen: 3.312 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109074.D
Acq: 18 Sep 2018 4:00

Tgt Ion:248 Resp: 12624
Ion Ratio Lower Upper
248 100
250 191.2 76.9 115.3#
141 474.2 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# 1958

Delta R.T. -0.01 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

RBR200051

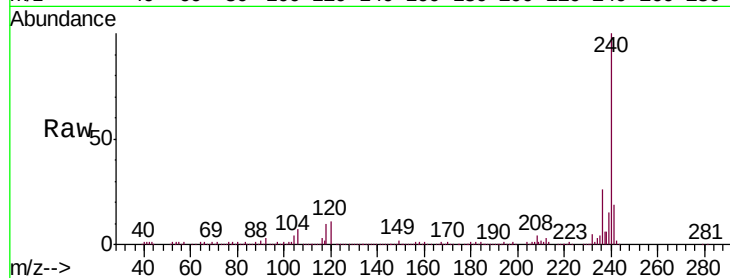
Tgt Ion:240 Resp: 346114

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

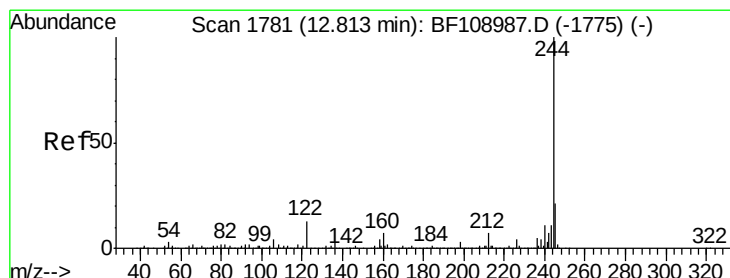
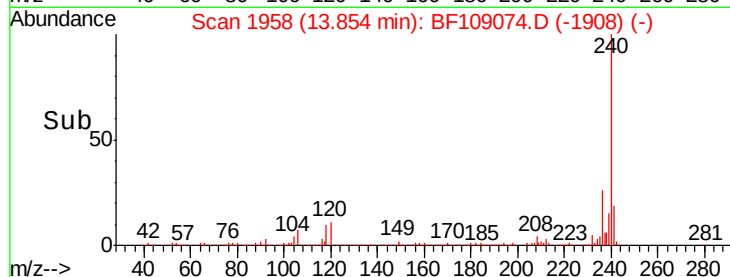
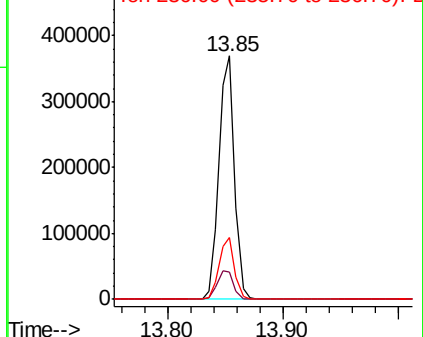
236 25.7 20.7 31.1



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: 70.310 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

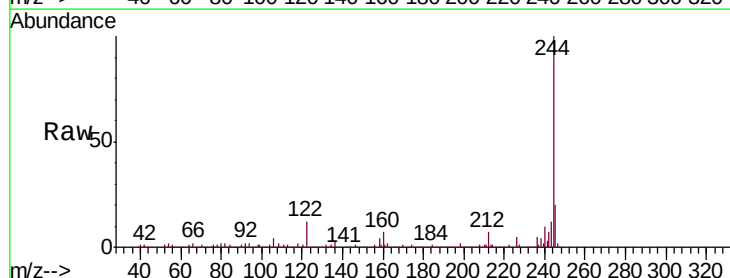
Tgt Ion:244 Resp: 1026694

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

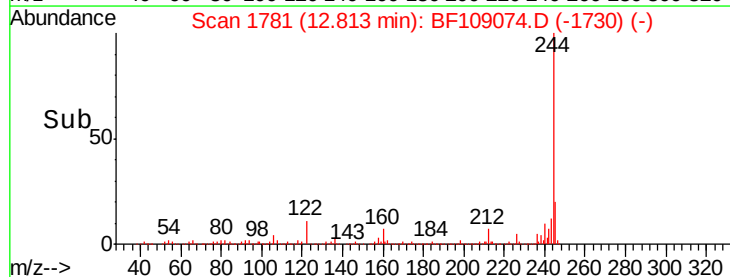
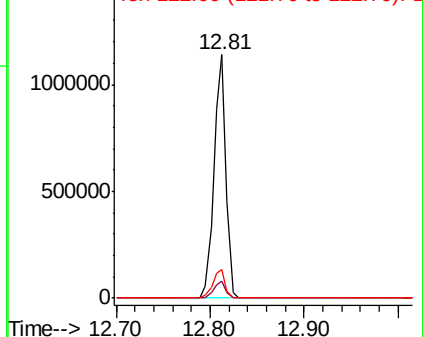
122 11.5 11.0 16.4

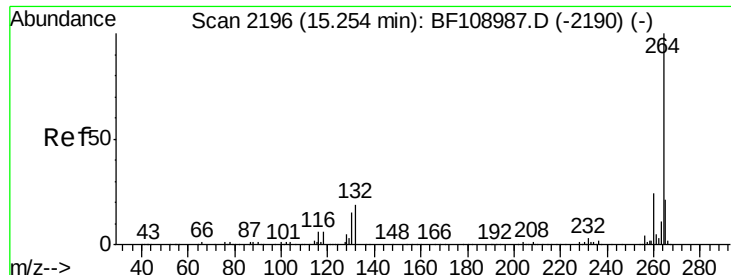


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109074.D
Acq: 18 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.0	17.5	26.3

