

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109068.D
 Acq On : 18 Sep 2018 1:16
 Operator : JU/SJ
 Sample : J4936-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 138kv-1

Quant Time: Sep 18 05:19:57 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

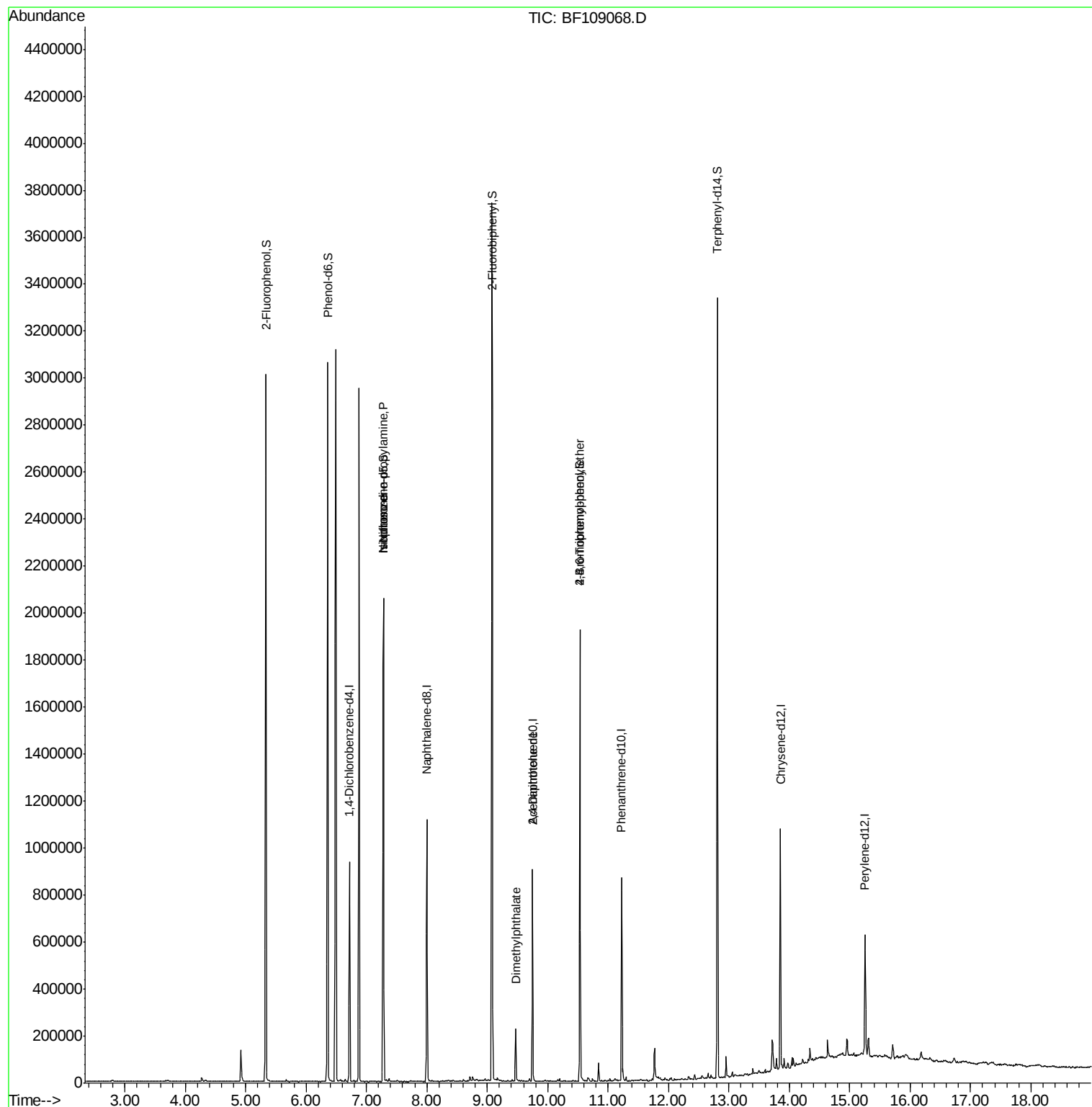
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130492	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	447331	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	183360	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	324454	20.00	ng	0.00
75) Chrysene-d12	13.85	240	325947	20.00	ng	0.00
86) Perylene-d12	15.25	264	223830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	885651	112.72	ng	0.01
7) Phenol-d6	6.36	99	1116311	110.19	ng	0.00
23) Nitrobenzene-d5	7.28	82	701834	88.00	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	231365	116.27	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1159066	99.04	ng	0.00
78) Terphenyl-d14	12.81	244	1096722	79.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	94199	14.067	ng	# 75
25) Isophorone	7.28	82	698945	50.982	ng	# 64
49) Dimethylphthalate	9.47	163	90868	6.934	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	23269	6.122	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	14062	3.844	ng	# 1

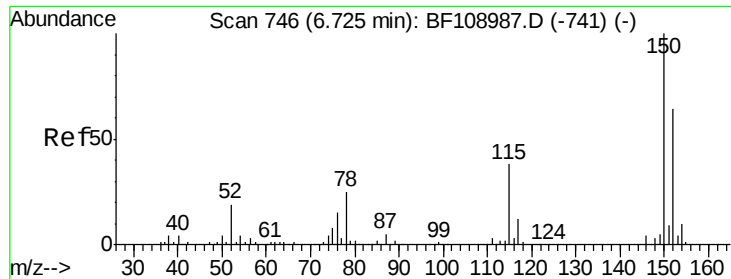
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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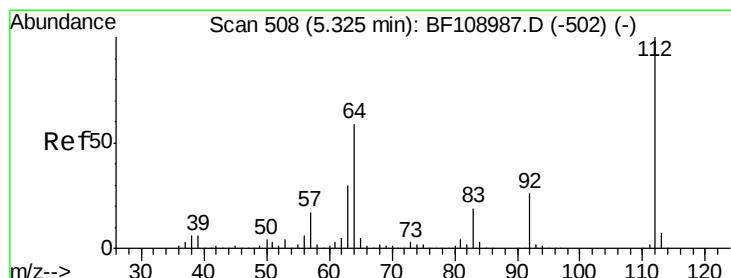
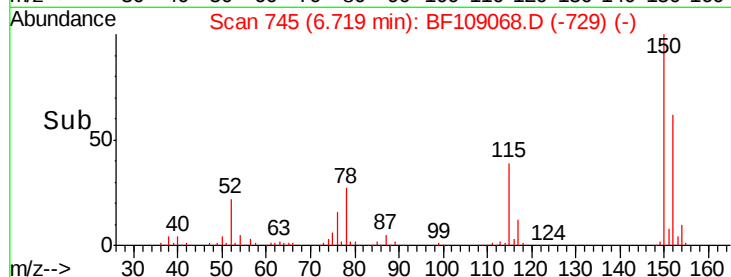
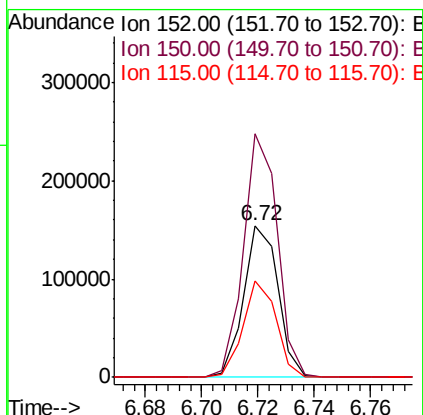
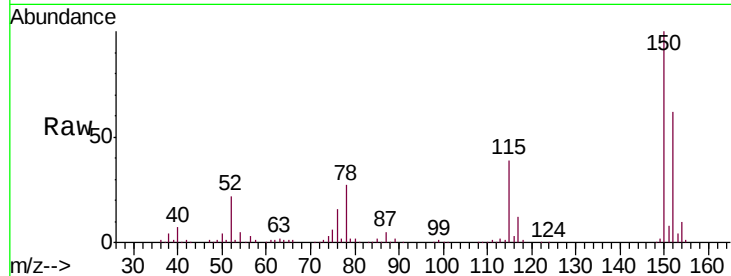


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109068.D
 Acq: 18 Sep 2018 1:16

Instrument :
 BNA_F
 ClientSampleId :
 138kv-1

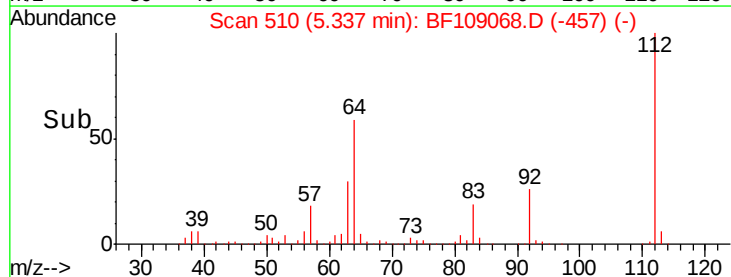
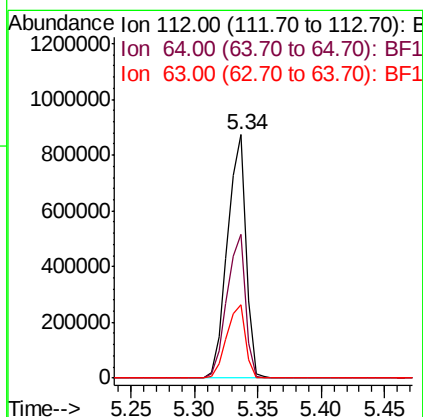
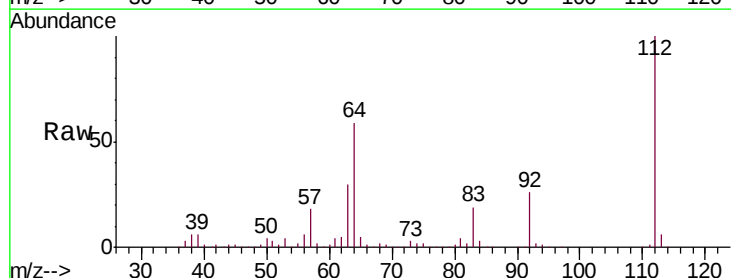
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	63.3	50.1	75.1

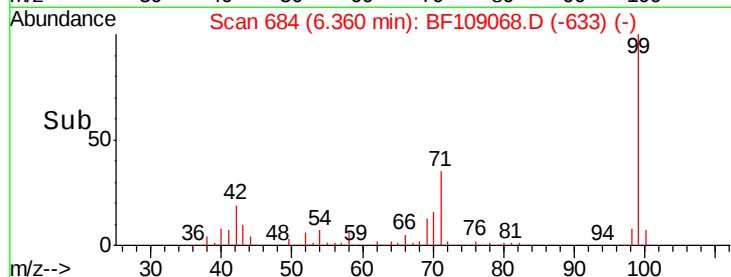
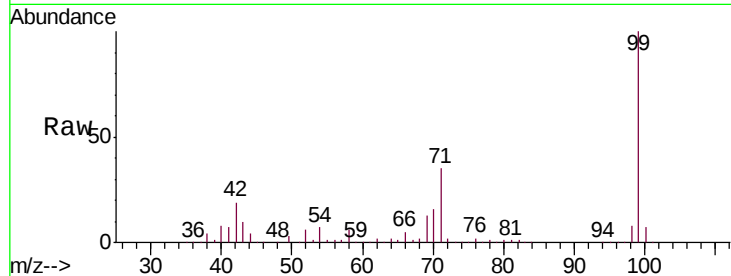


#5

2-Fluorophenol
 Concen: 112.724 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF109068.D
 Acq: 18 Sep 2018 1:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 110.188 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

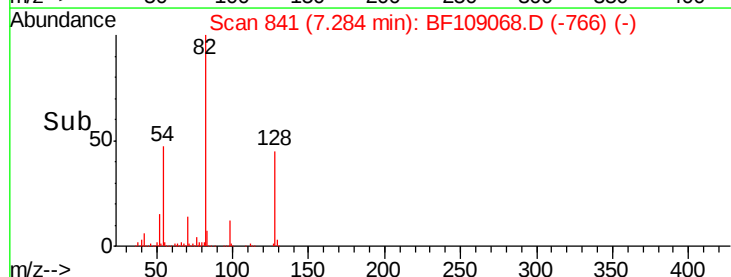
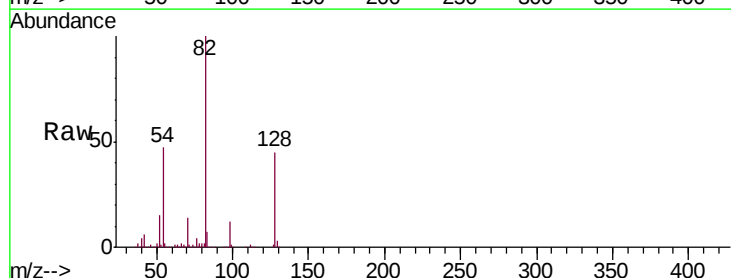
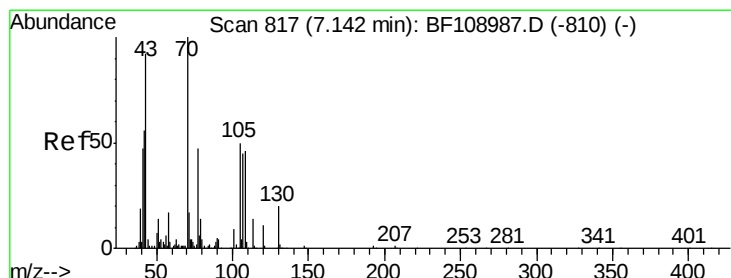
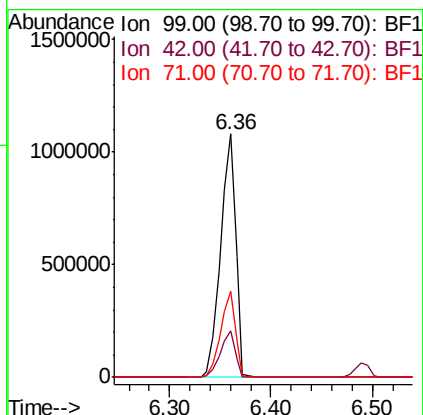
Lab File: BF109068.D

Acq: 18 Sep 2018 1:16

Instrument :
BNA_F
ClientSampled :
138kv-1

Tgt Ion: 99 Resp: 1116311

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	35.2	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.067 ng

RT: 7.28 min Scan# 841

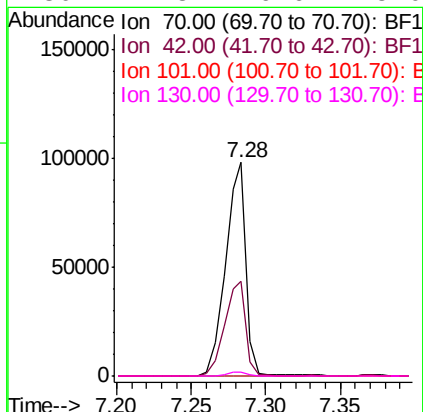
Delta R.T. 0.14 min

Lab File: BF109068.D

Acq: 18 Sep 2018 1:16

Tgt Ion: 70 Resp: 94199

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

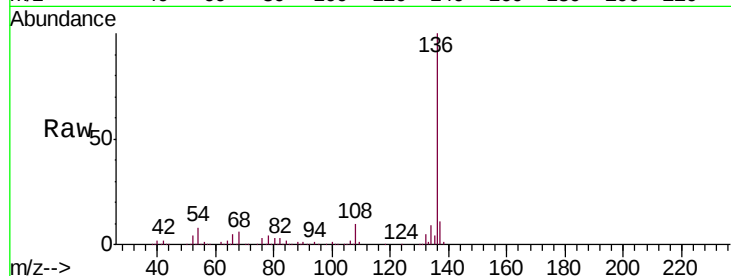




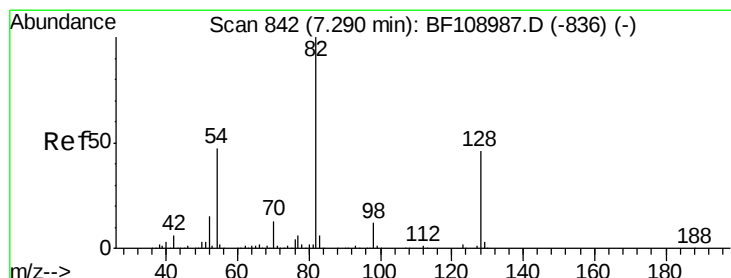
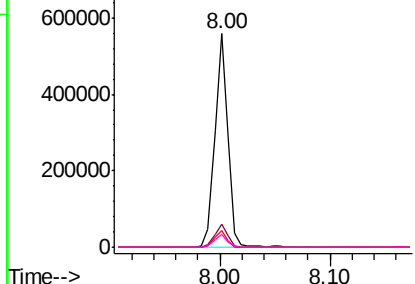
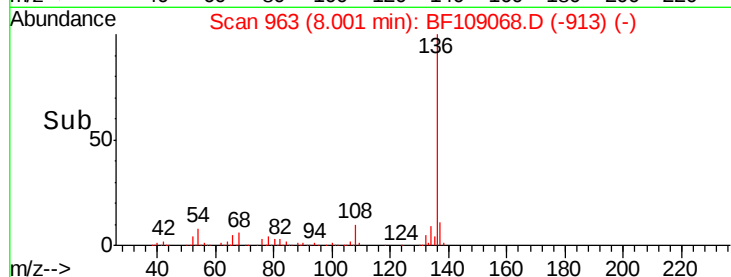
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109068.D
Acq: 18 Sep 2018 1:16

Instrument :
BNA_F
ClientSampleId :
138kv-1

Tgt Ion:	136	Resp:	447331
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.6	6.6	9.8
68	5.8	5.0	7.4

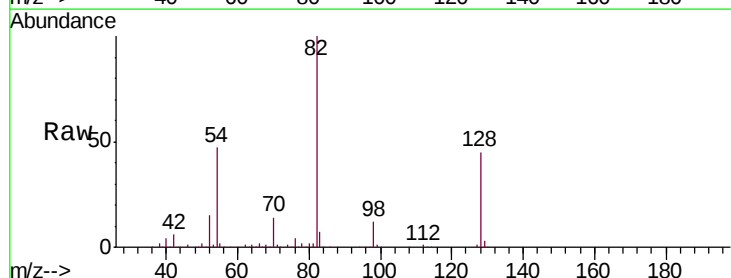


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

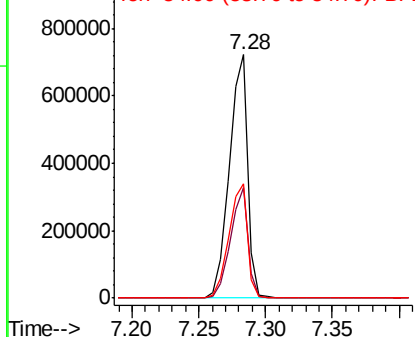
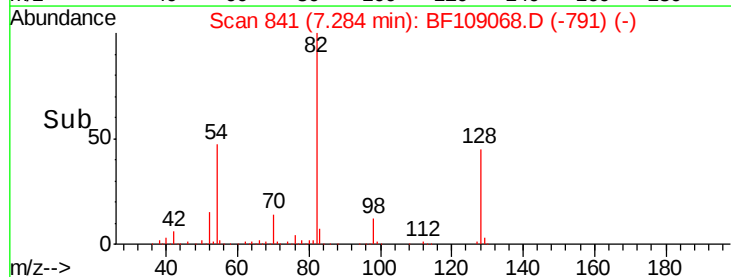


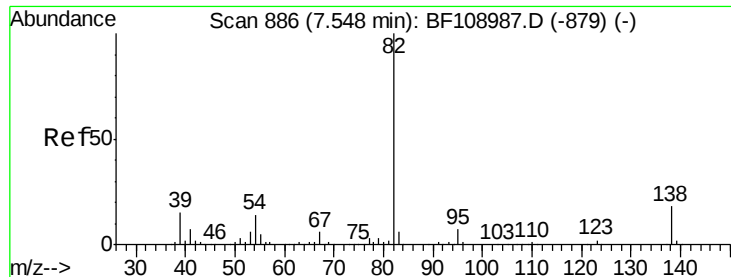
#23
Nitrobenzene-d5
Concen: 87.999 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109068.D
Acq: 18 Sep 2018 1:16

Tgt Ion:	82	Resp:	701834
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	47.2	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: 50.982 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109068.D

Acq: 18 Sep 2018 1:16

Instrument :

BNA_F

ClientSampleId :

138kv-1

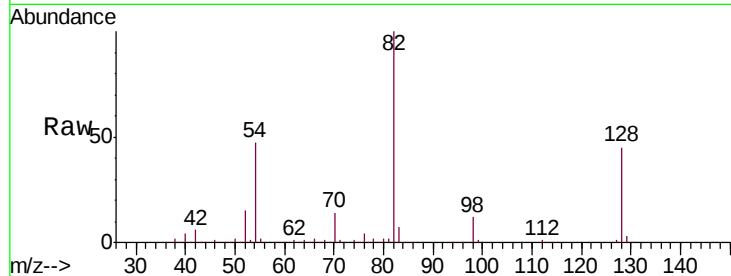
Tgt Ion: 82 Resp: 698945

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

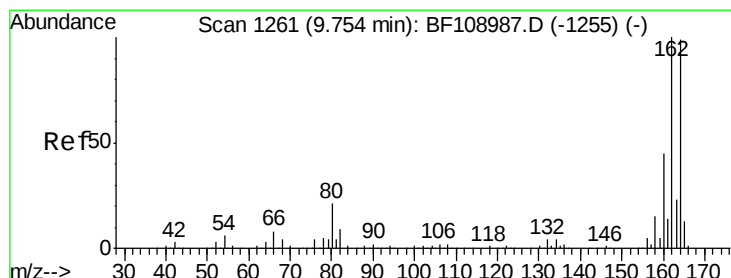
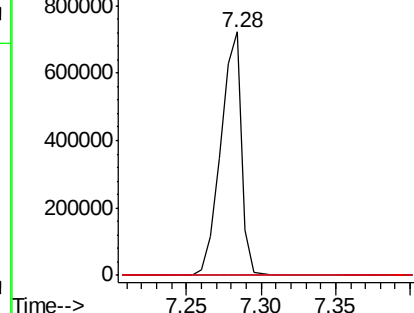
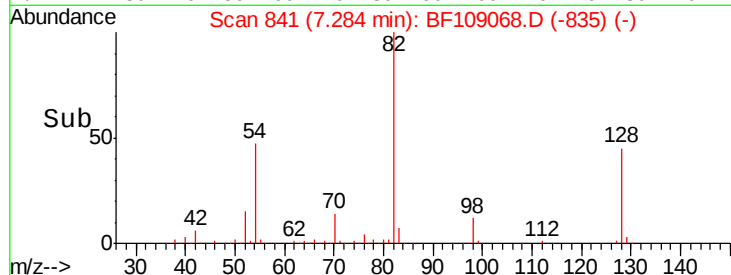
138 0.0 14.9 22.3#



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: BF109068.D

Acq: 18 Sep 2018 1:16

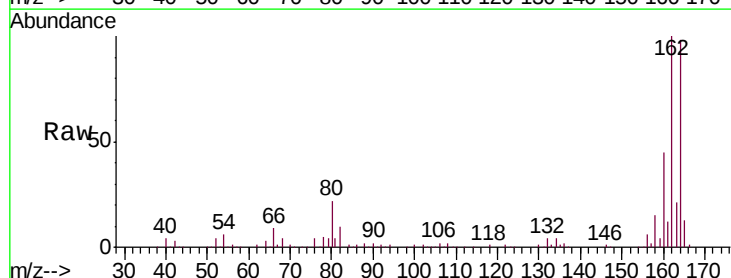
Tgt Ion: 164 Resp: 183360

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

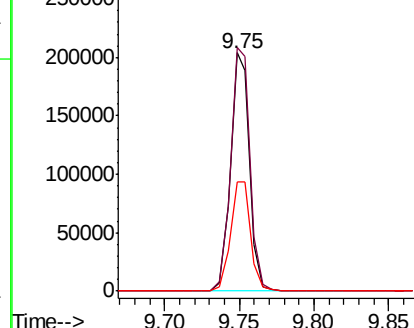
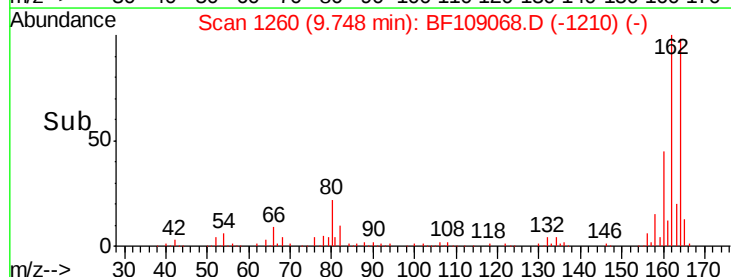
160 46.1 38.3 57.5

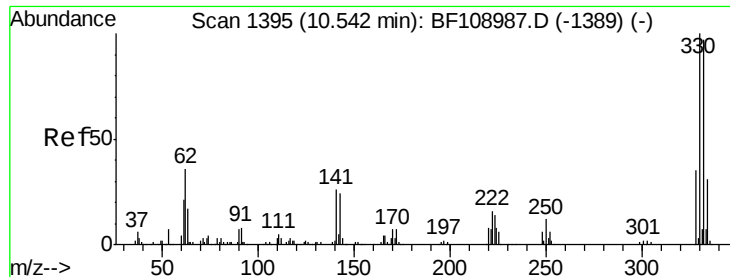


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

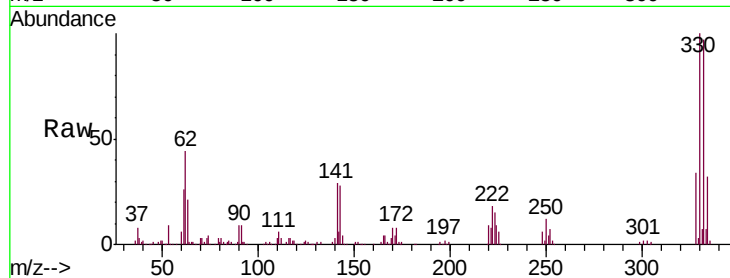




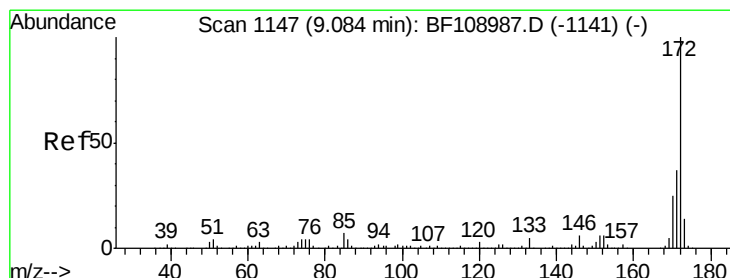
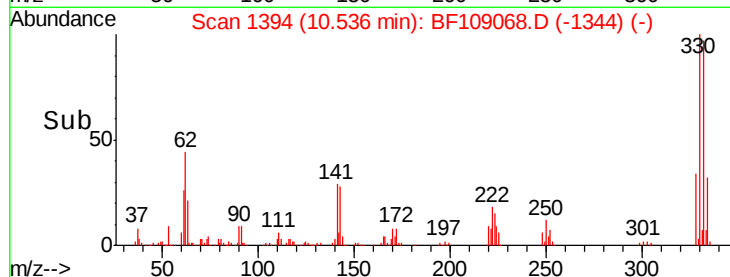
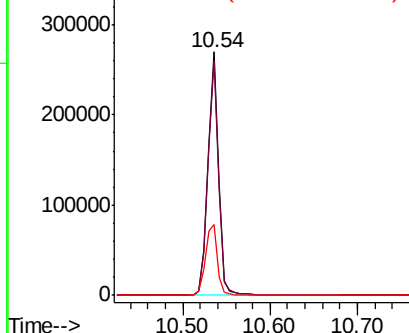
#41
 2,4,6-Tribromophenol
 Concen: 116.267 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109068.D
 Acq: 18 Sep 2018 1:16

Instrument :
 BNA_F
 ClientSampleId :
 138kv-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.1	29.9	44.9

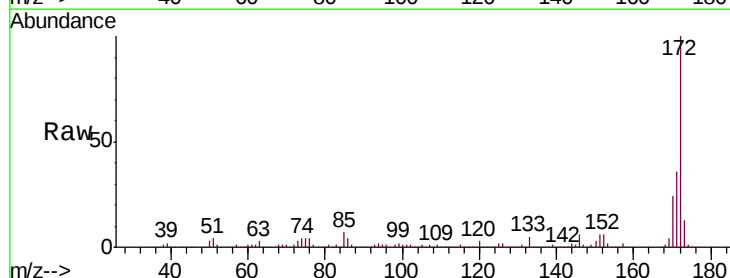


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

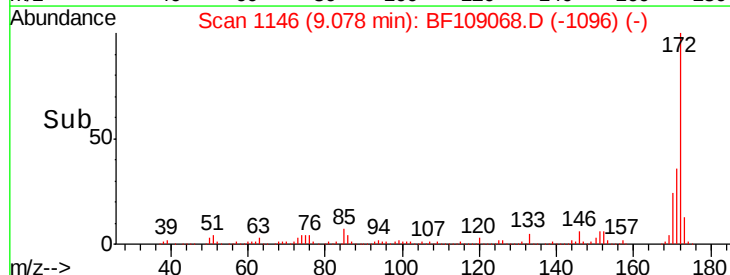
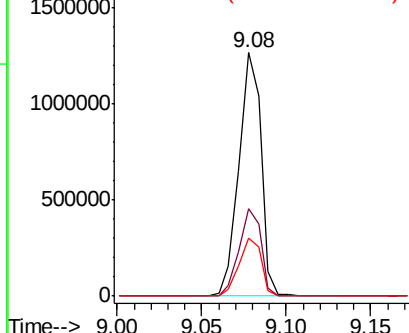


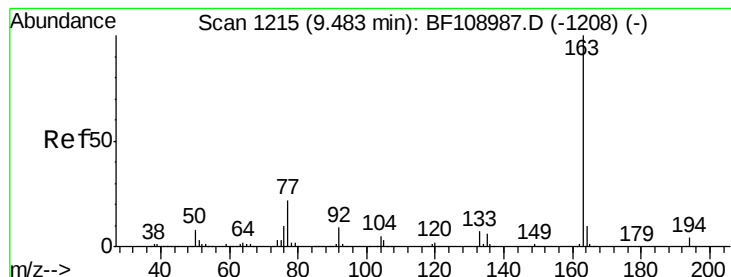
#44
 2-Fluorobiphenyl
 Concen: 99.037 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109068.D
 Acq: 18 Sep 2018 1:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	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: 6.934 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109068.D

Acq: 18 Sep 2018 1:16

Instrument :

BNA_F

ClientSampled :

138kv-1

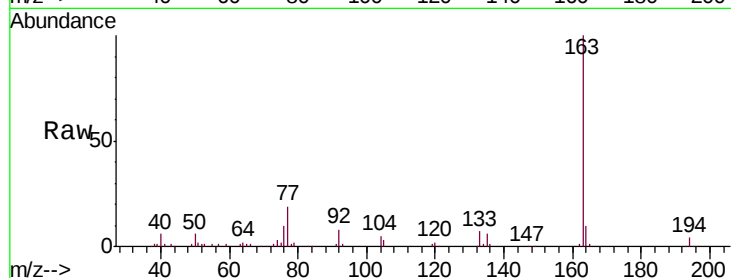
Tgt Ion:163 Resp: 90868

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

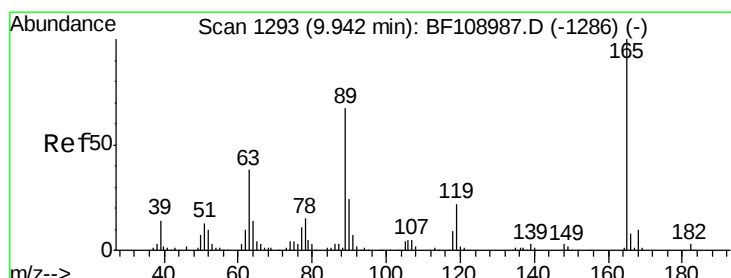
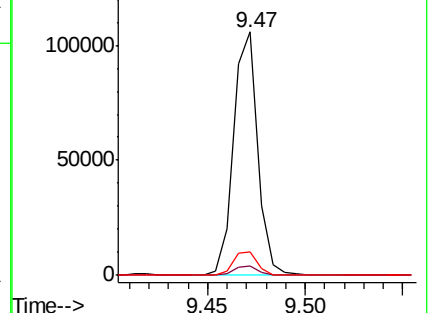
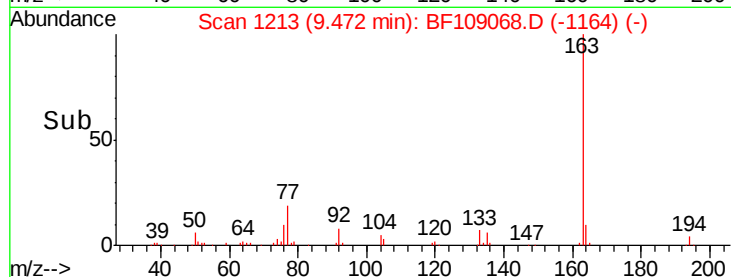
164 9.7 8.2 12.2



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: 6.122 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109068.D

Acq: 18 Sep 2018 1:16

Tgt Ion:165 Resp: 23269

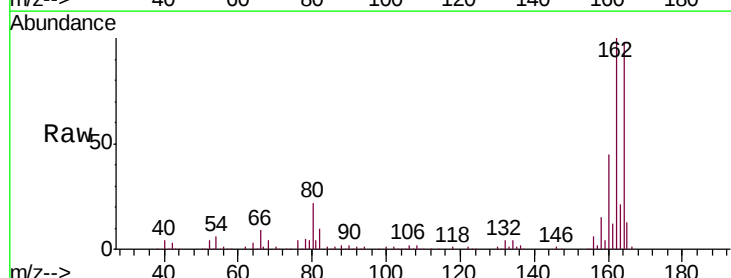
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

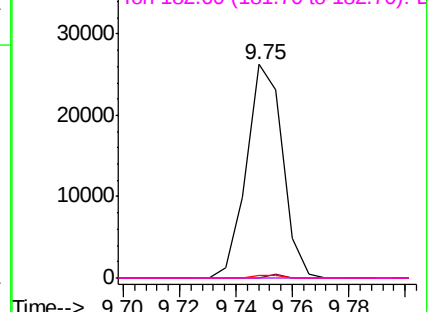
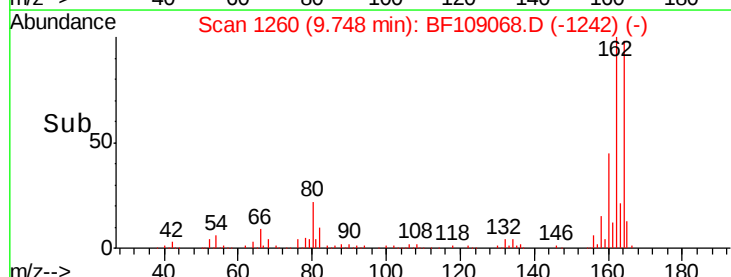


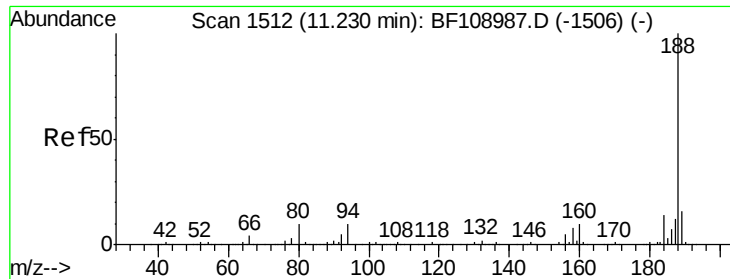
Abundance Ion 165.00 (164.70 to 165.70): E

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

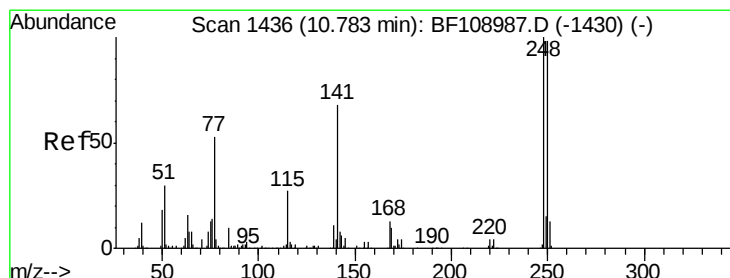
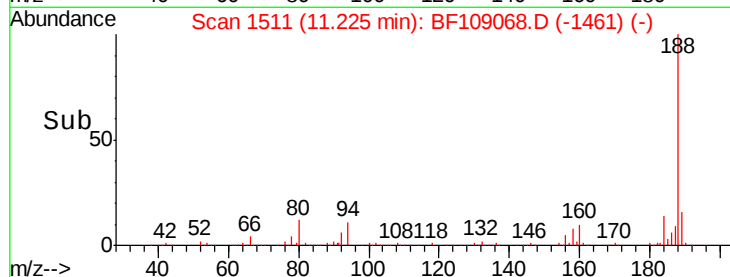
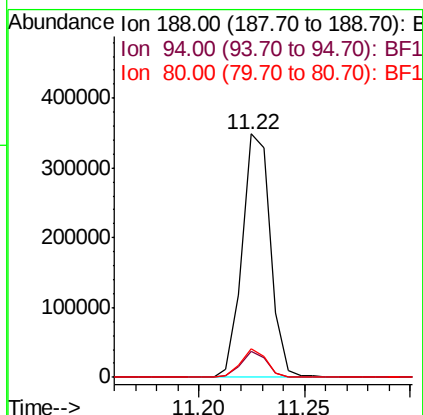
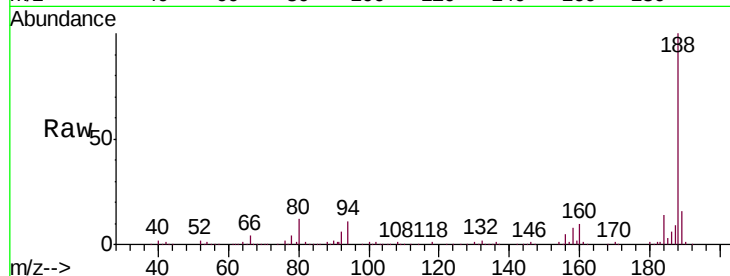




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109068.D
Acq: 18 Sep 2018 1:16

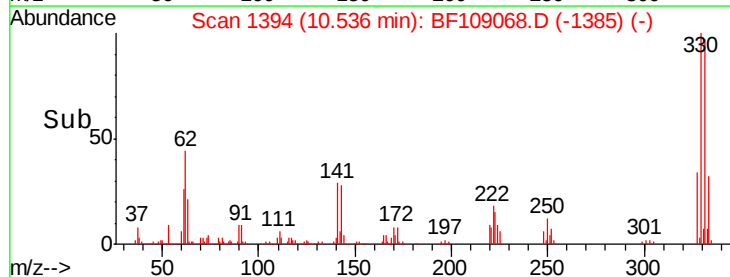
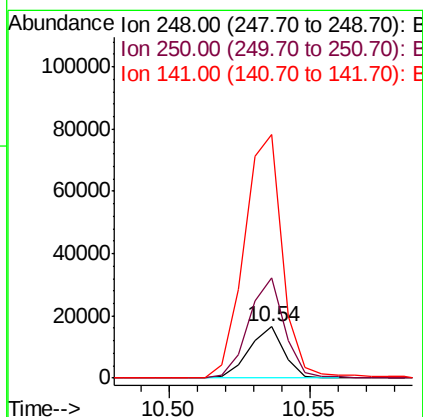
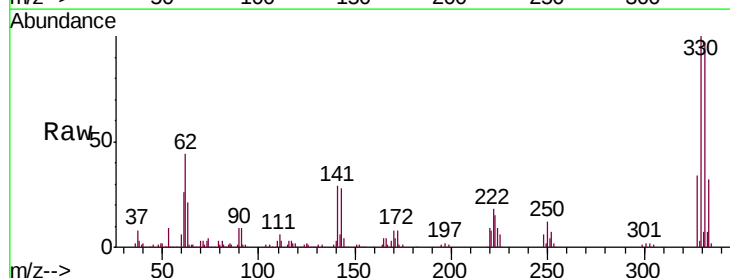
Instrument :
BNA_F
ClientSampleId :
138kv-1

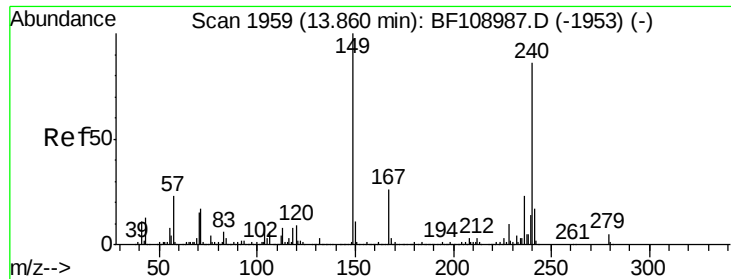
Tgt Ion:188 Resp: 324454
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.844 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109068.D
Acq: 18 Sep 2018 1:16

Tgt Ion:248 Resp: 14062
Ion Ratio Lower Upper
248 100
250 195.8 76.9 115.3#
141 475.9 74.4 111.6#

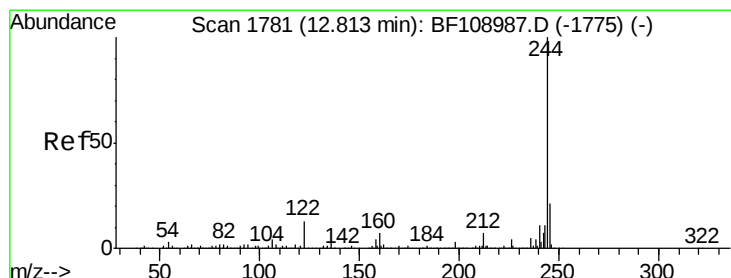
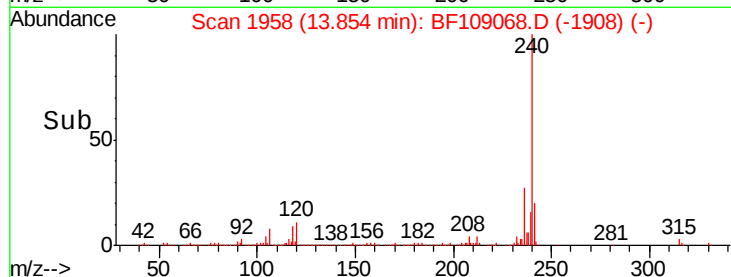
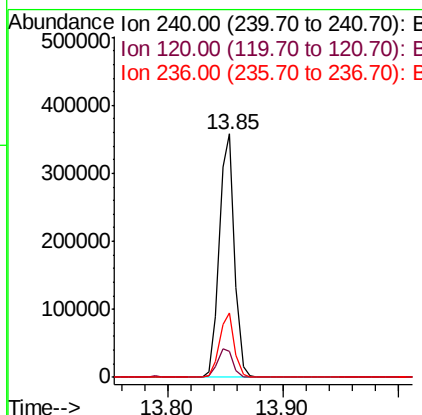
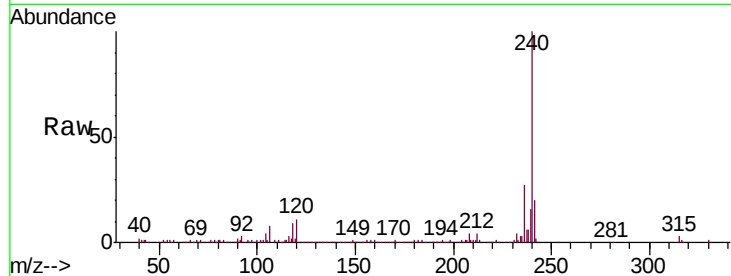




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109068.D
Acq: 18 Sep 2018 1:16

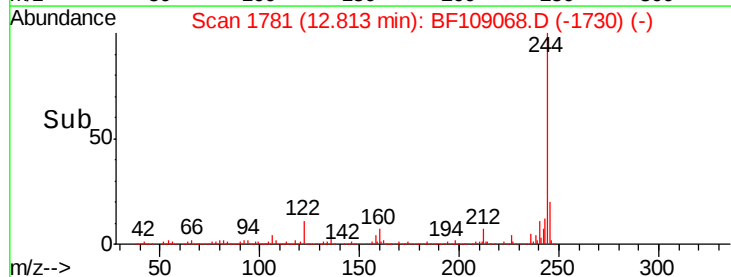
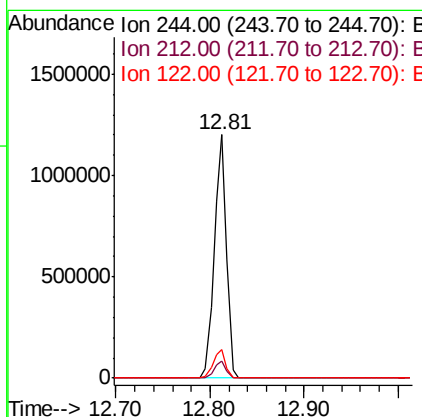
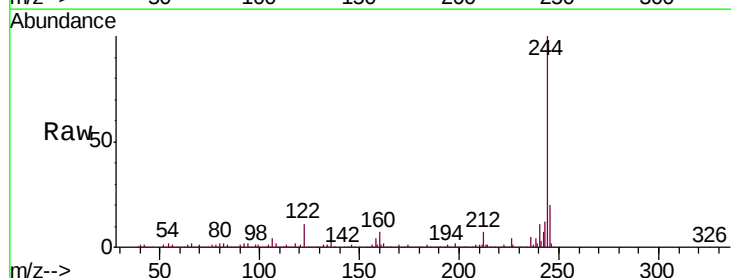
Instrument :
BNA_F
ClientSampleId :
138kv-1

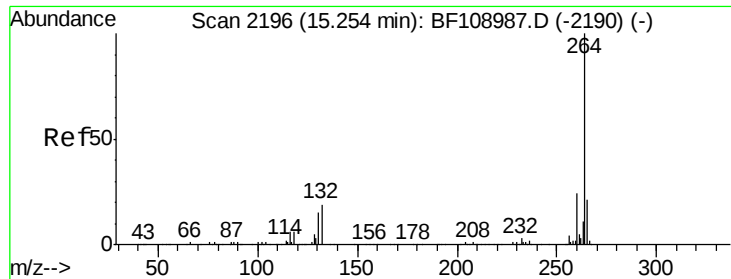
Tgt Ion: 240 Resp: 325947
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.5 20.7 31.1



#78
Terphenyl-d14
Concen: 79.753 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109068.D
Acq: 18 Sep 2018 1:16

Tgt Ion: 244 Resp: 1096722
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.5 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: BF109068.D
Acq: 18 Sep 2018 1:16

Instrument :
BNA_F
ClientSampleId :
138kv-1

Tgt Ion: 264 Resp: 223830
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.2 17.5 26.3

