

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109830.D
 Acq On : 12 Oct 2018 13:39
 Operator : JU/SJ
 Sample : PB113751BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 14:06:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

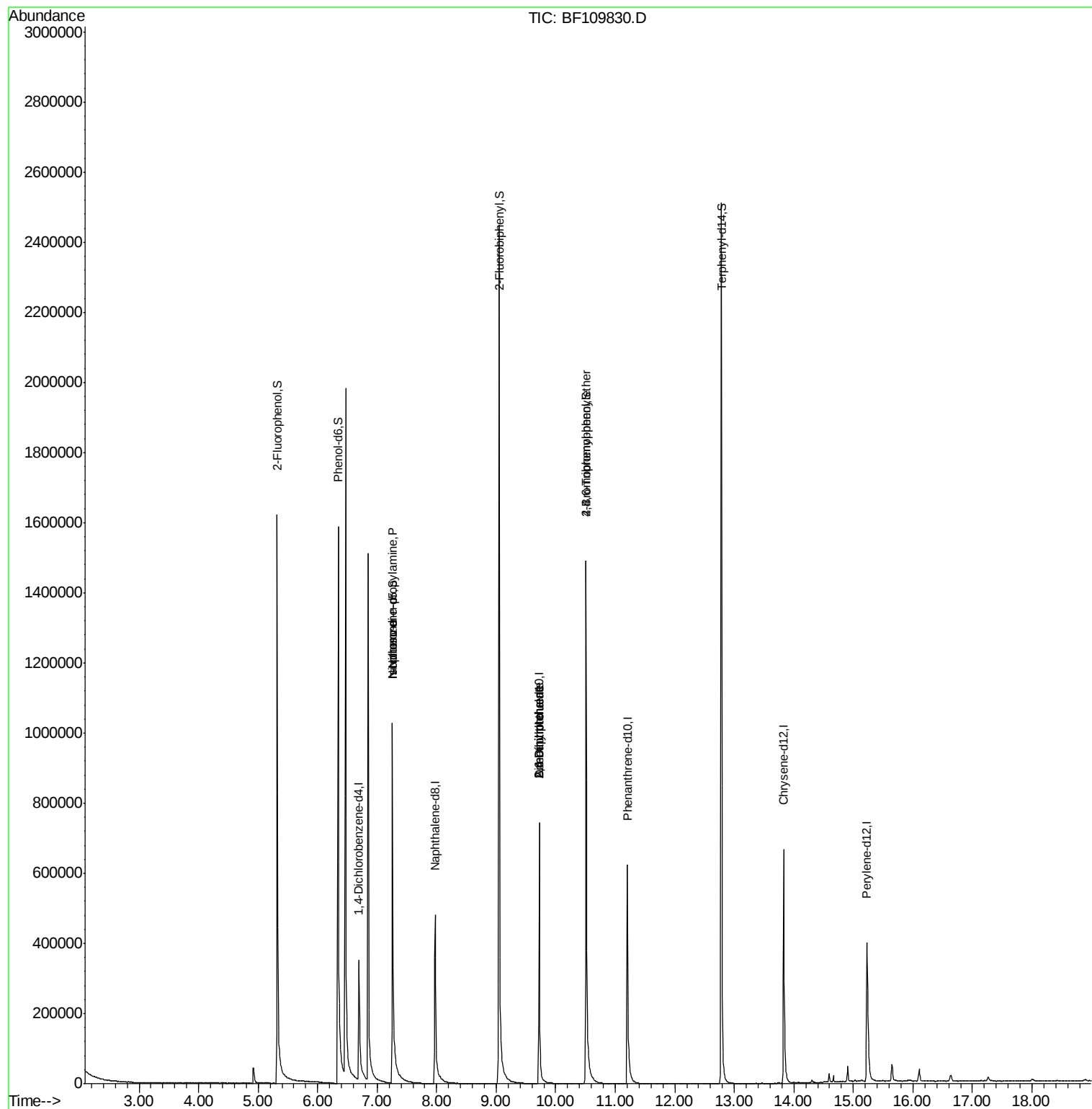
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	88108	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	378985	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	190081	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	403362	20.00	ng	0.00
75) Chrysene-d12	13.83	240	324453	20.00	ng	0.00
86) Perylene-d12	15.23	264	266385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	584834	117.82	ng	0.00
7) Phenol-d6	6.35	99	829691	125.12	ng	-0.01
23) Nitrobenzene-d5	7.26	82	546309	79.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	247987	119.73	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1049152	76.02	ng	0.00
78) Terphenyl-d14	12.79	244	1094076	65.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	68628	14.758	ng	# 79
25) Isophorone	7.26	82	551453	48.302	ng	# 67
49) Dimethylphthalate	9.72	163	46294	3.321	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	23530	7.787	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	23657	6.273	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	14263	3.077	ng	# 1

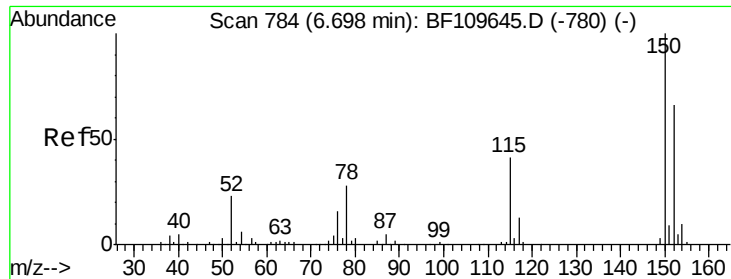
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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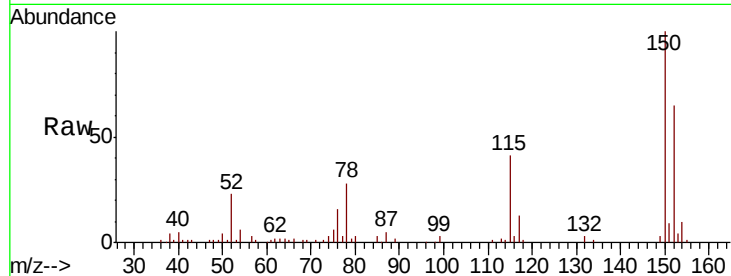


#1

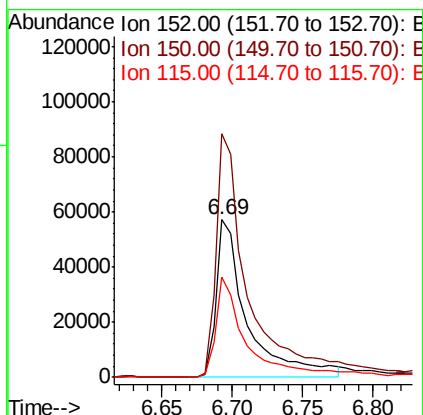
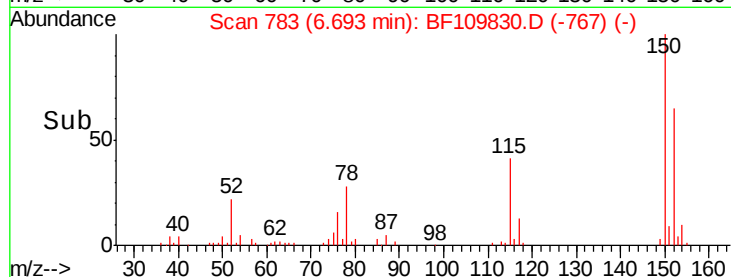
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109830.D
Acq: 12 Oct 2018 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88108
Ion Ratio Lower Upper
152 100
150 154.7 122.7 184.1
115 63.3 49.1 73.7



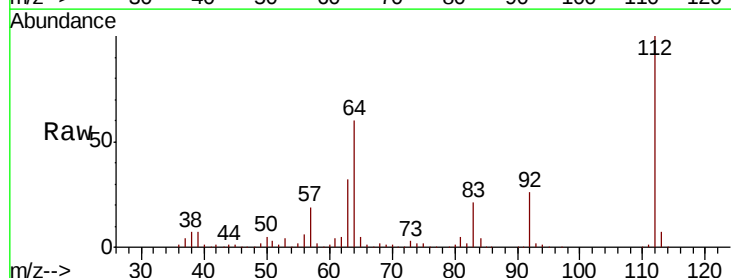
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



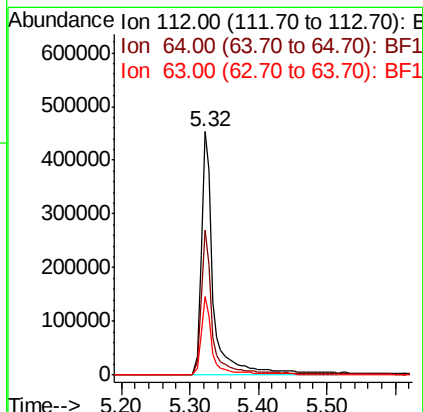
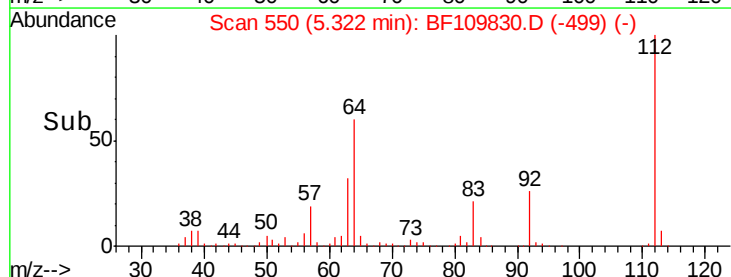
#5

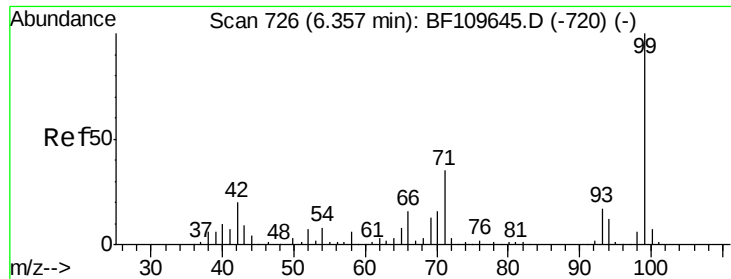
2-Fluorophenol
Concen: 117.821 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109830.D
Acq: 12 Oct 2018 13:39

Tgt Ion:112 Resp: 584834
Ion Ratio Lower Upper
112 100
64 59.6 44.1 66.1
63 32.1 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: 125.123 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109830.D

Acq: 12 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

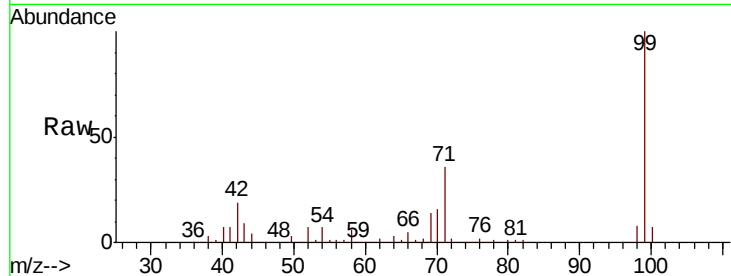
Tot Ion: 99 Resp: 829691

Ion Ratio Lower Upper

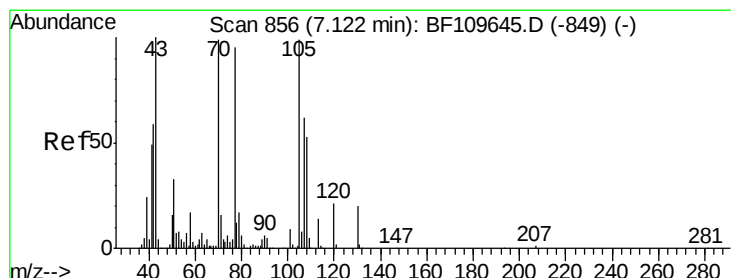
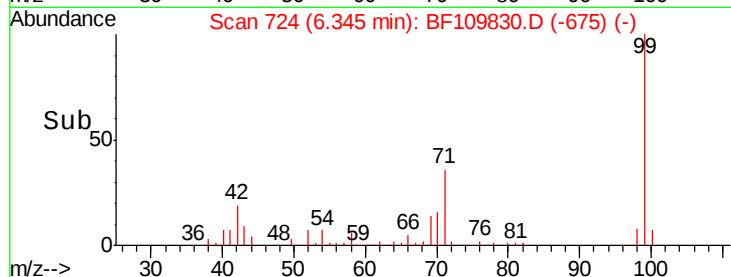
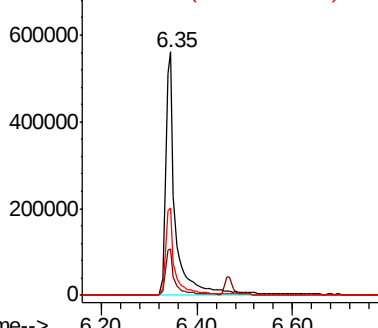
99 100

42 19.3 15.8 23.6

71 35.9 28.0 42.0



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: 14.758 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109830.D

Acq: 12 Oct 2018 13:39

Tgt Ion: 70 Resp: 68628

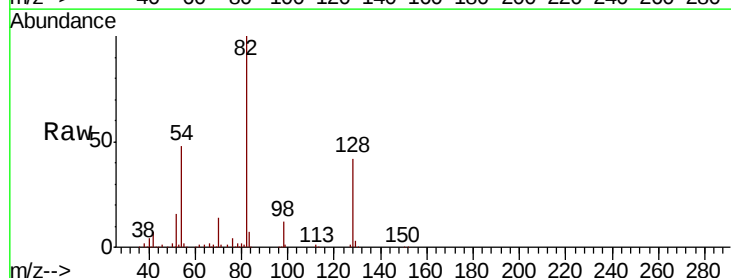
Ion Ratio Lower Upper

70 100

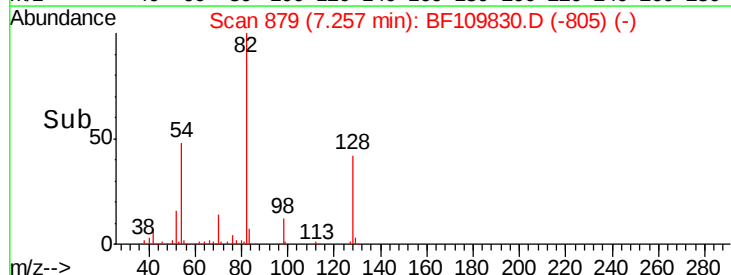
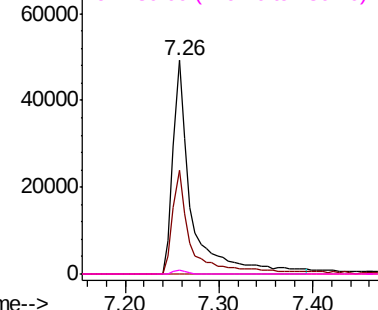
42 48.7 47.4 71.2

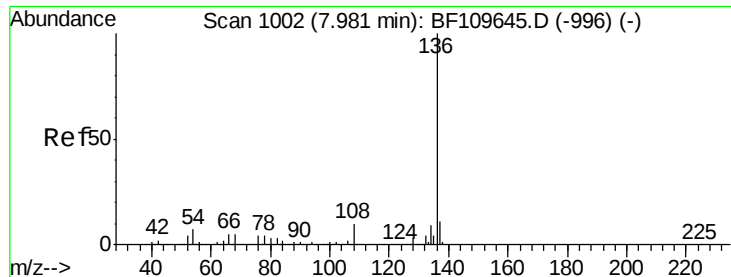
101 0.0 7.3 10.9#

130 2.0 16.2 24.2#



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

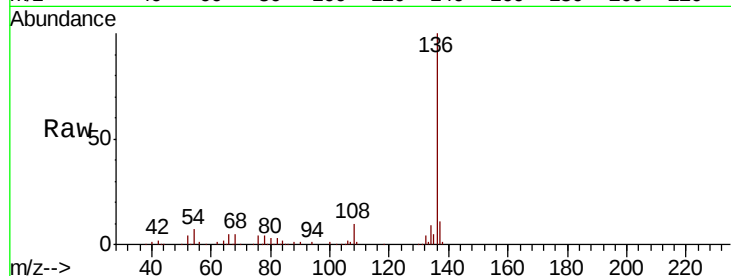




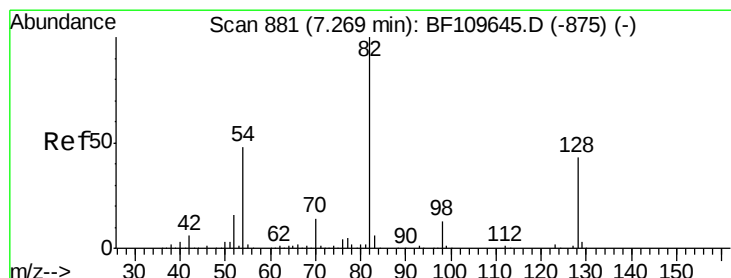
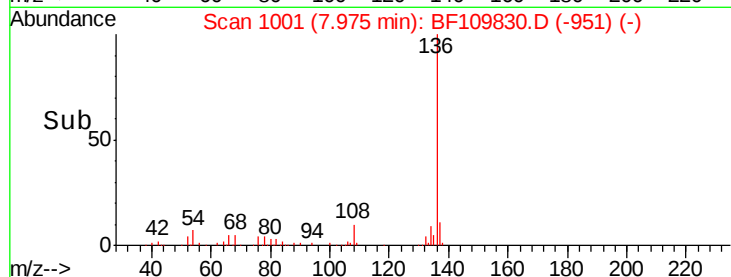
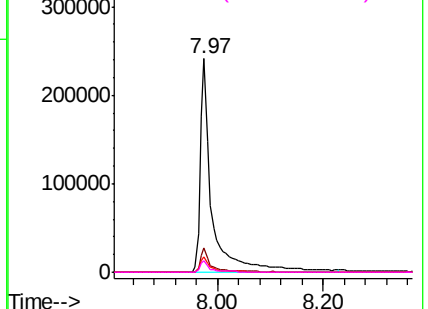
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109830.D
Acq: 12 Oct 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	378985
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.8 13.2
54	6.9	5.4 8.2
68	5.2	4.2 6.2

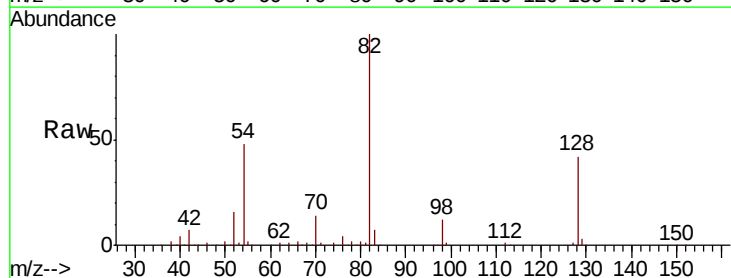


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

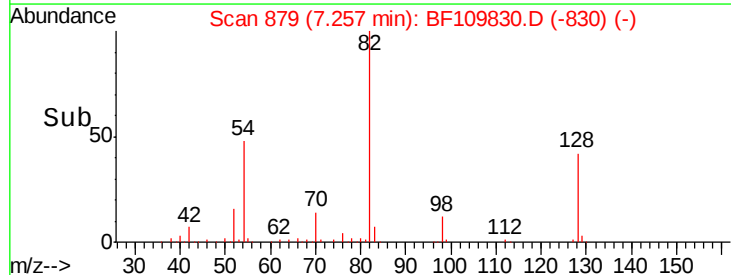
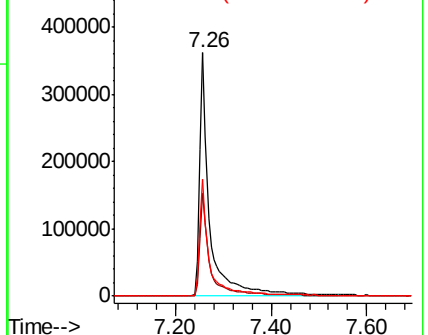


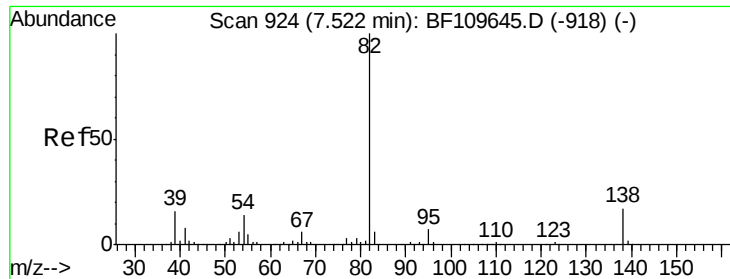
#23
Nitrobenzene-d5
Concen: 79.461 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109830.D
Acq: 12 Oct 2018 13:39

Tgt Ion: 82	Resp:	546309
Ion Ratio	Lower	Upper
82	100	
128	42.2	34.2 51.2
54	48.2	38.6 58.0



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

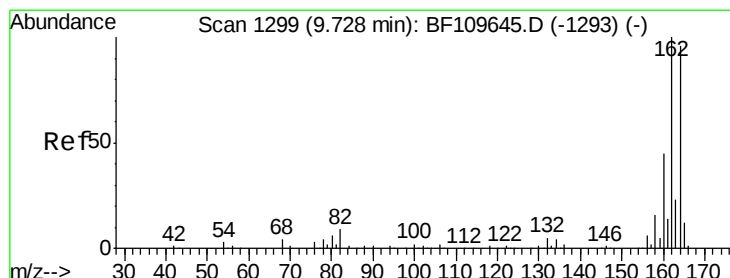
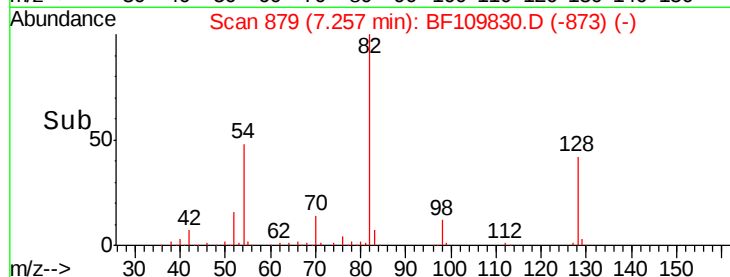
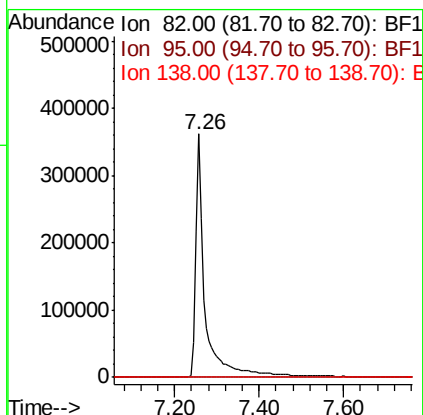
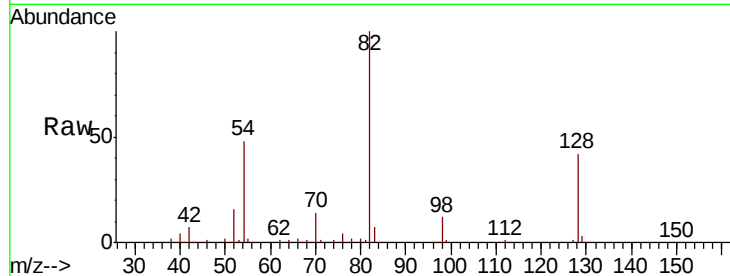




#25
Isophorone
Concen: 48.302 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109830.D
Acq: 12 Oct 2018 13:39

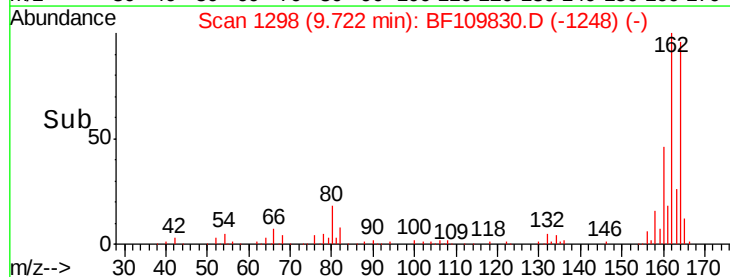
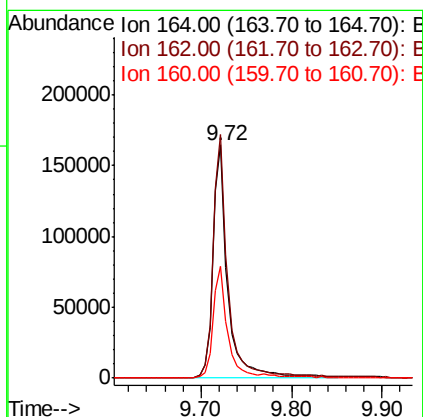
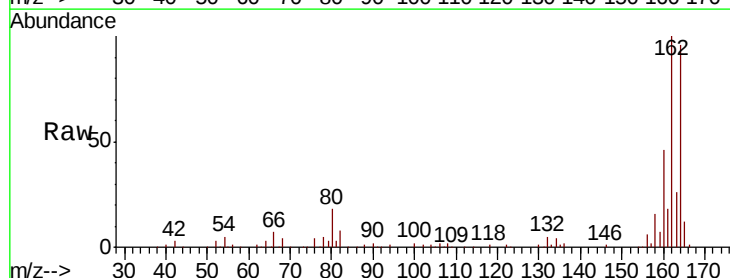
Instrument :
BNA_F
ClientSampleId :

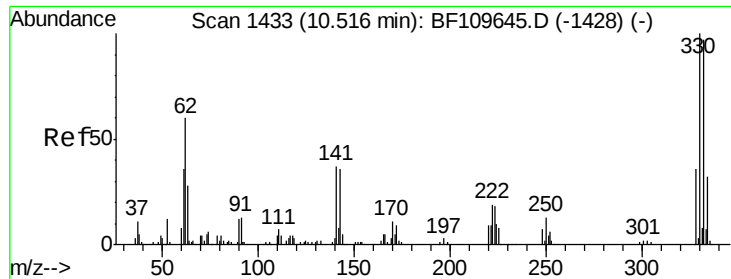
Tot Ion: 82 Resp: 551453
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109830.D
Acq: 12 Oct 2018 13:39

Tgt Ion:164 Resp: 190081
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.6
160 47.8 37.0 55.6

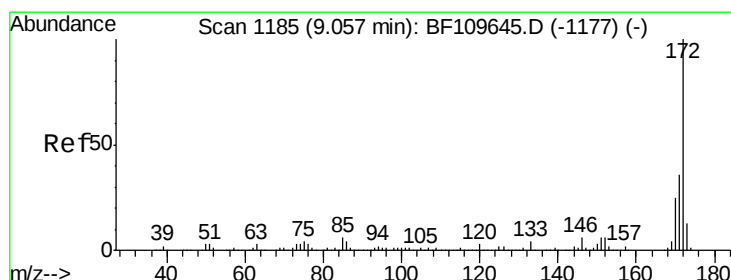
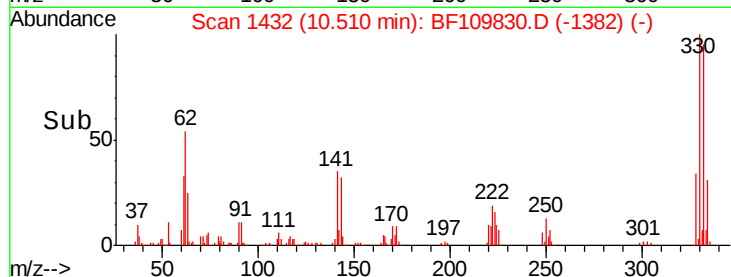
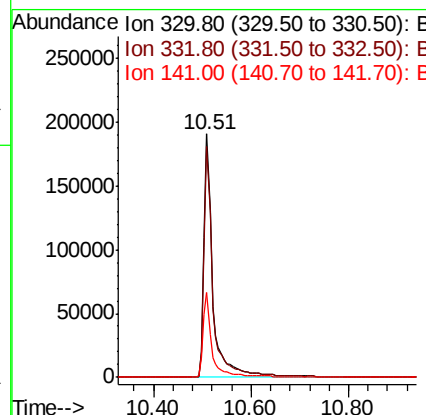
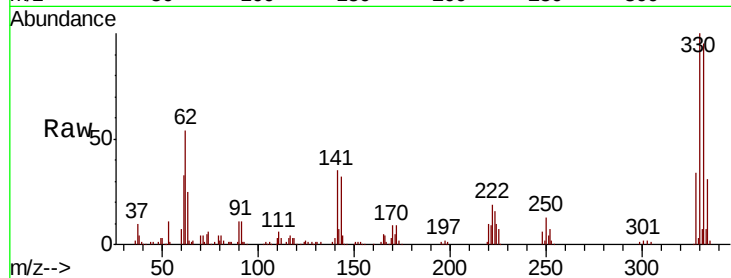




#41
 2,4,6-Tribromophenol
 Concen: 119.735 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109830.D
 Acq: 12 Oct 2018 13:39

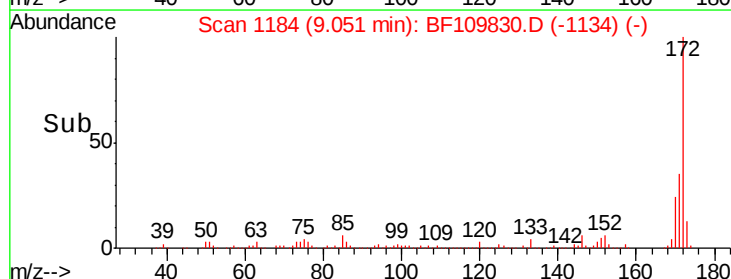
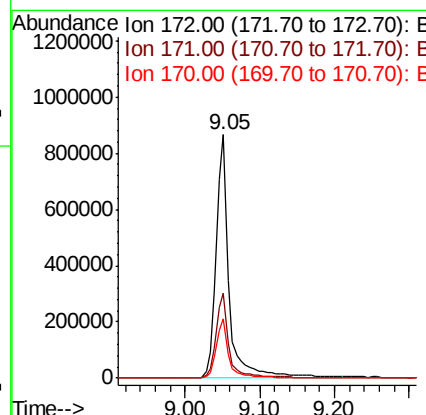
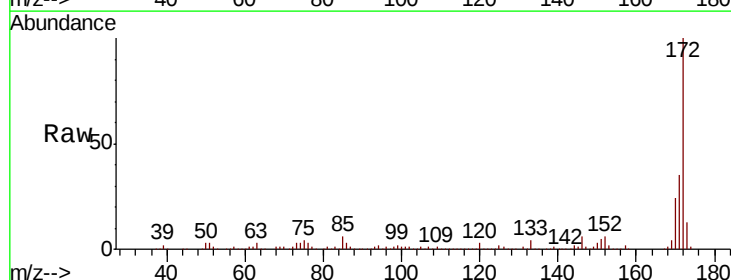
Instrument :
 BNA_F
 ClientSampleId :

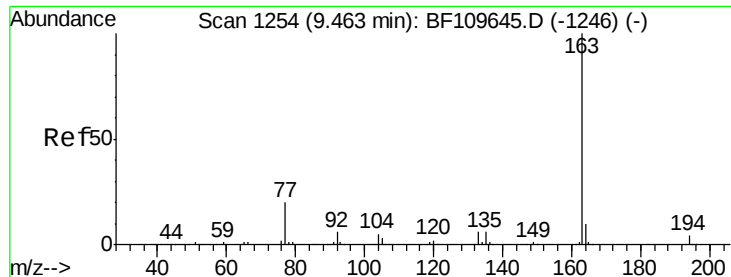
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.1	115.7
141	34.7	27.0	40.4



#44
 2-Fluorobiphenyl
 Concen: 76.017 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109830.D
 Acq: 12 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	24.1	19.7	29.5

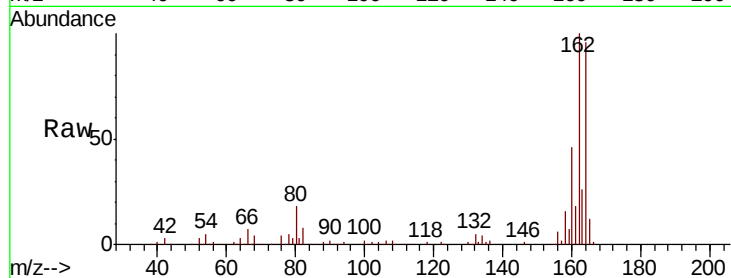




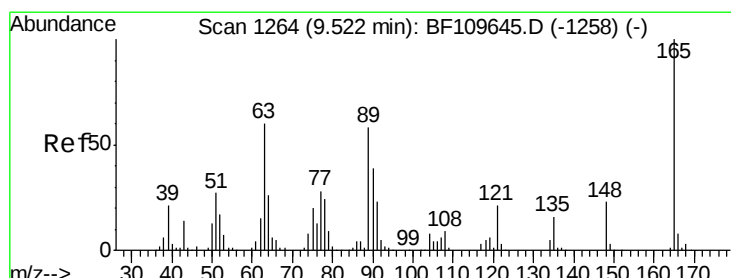
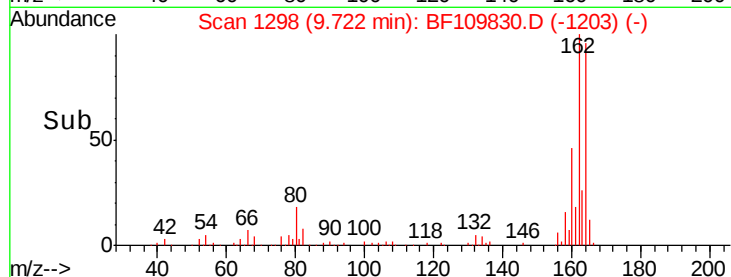
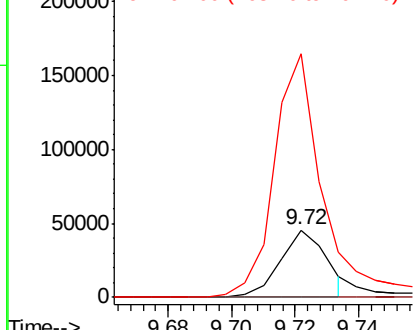
#49
Dimethylphthalate
Concen: 3.321 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF109830.D
Acq: 12 Oct 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 46294
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 362.5 8.1 12.1#

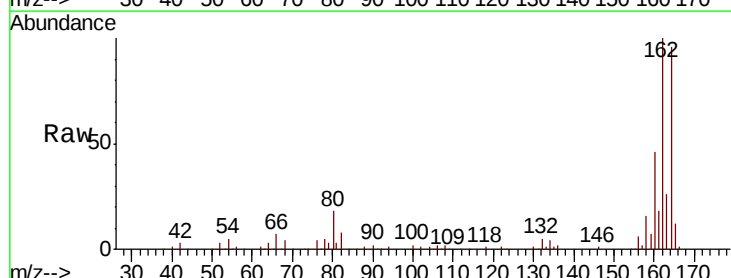


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

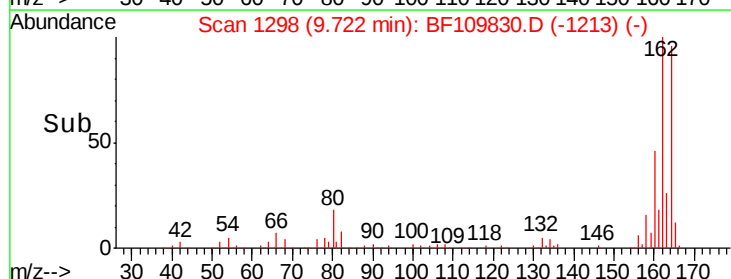
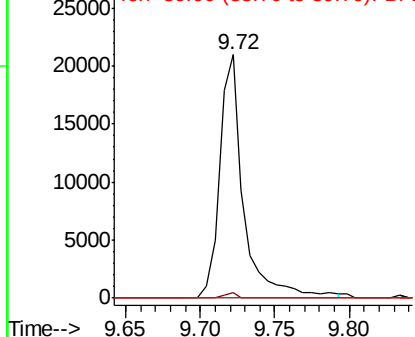


#50
2,6-Dinitrotoluene
Concen: 7.787 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109830.D
Acq: 12 Oct 2018 13:39

Tgt Ion:165 Resp: 23530
Ion Ratio Lower Upper
165 100
63 2.5 48.9 73.3#
89 0.0 46.6 69.8#



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

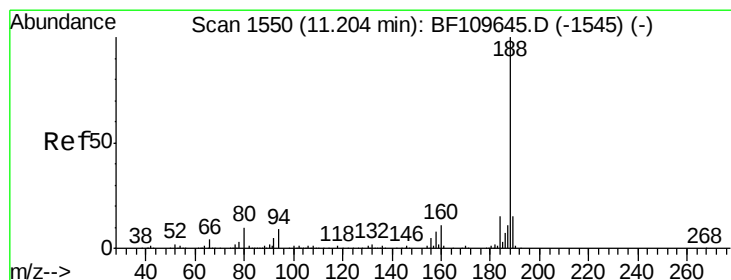
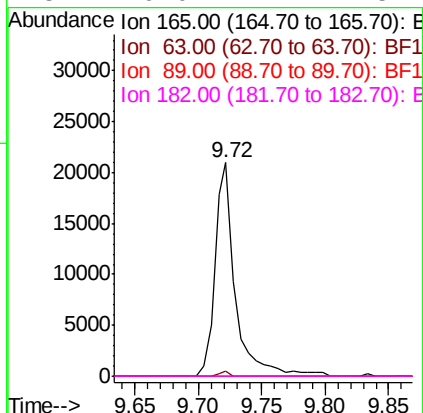
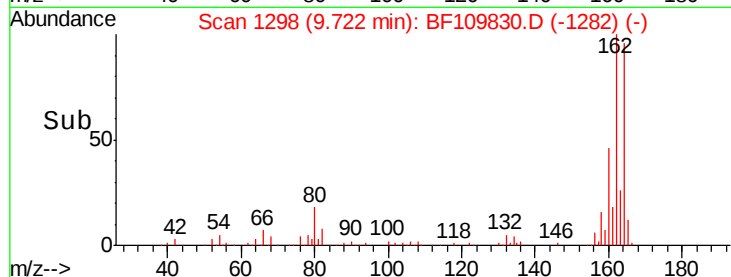
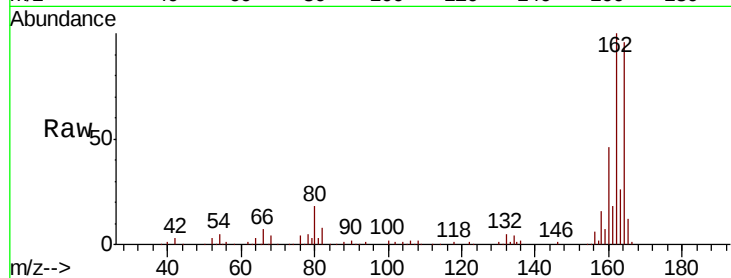




#56
 2,4-Dinitrotoluene
 Concen: 6.273 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109830.D
 Acq: 12 Oct 2018 13:39

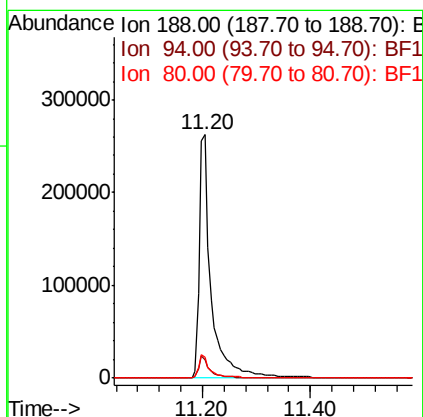
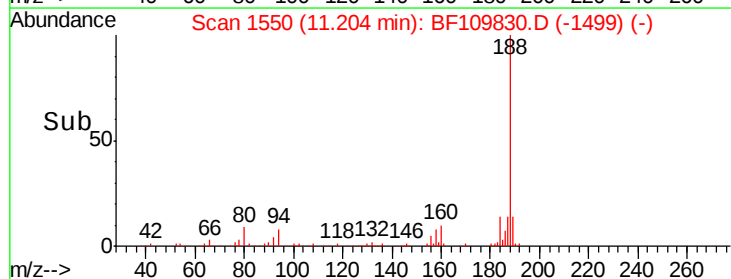
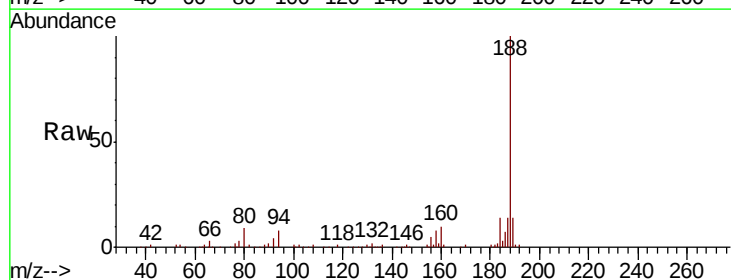
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23657
 Ion Ratio Lower Upper
 165 100
 63 2.5 44.8 67.2#
 89 0.0 62.2 93.4#
 182 0.0 2.1 3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF109830.D
 Acq: 12 Oct 2018 13:39

Tgt Ion:188 Resp: 403362
 Ion Ratio Lower Upper
 188 100
 94 7.6 7.2 10.8
 80 8.8 7.9 11.9

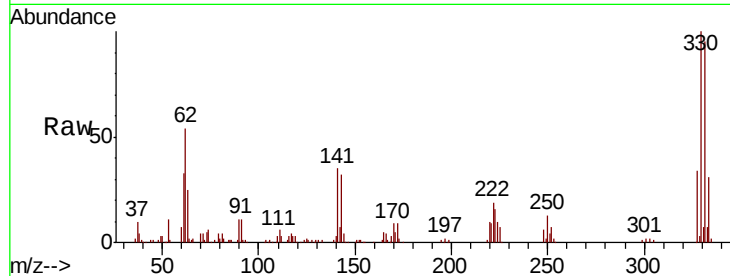




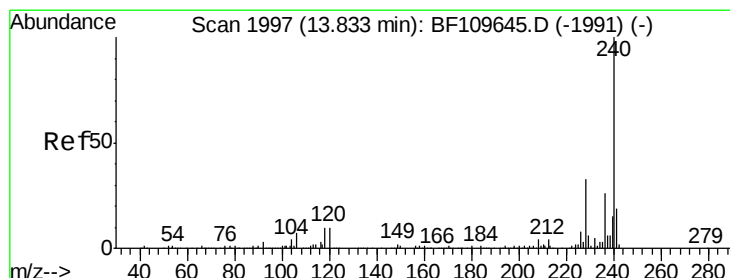
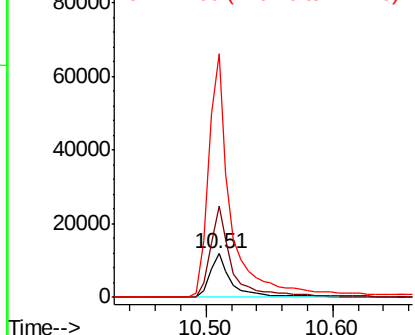
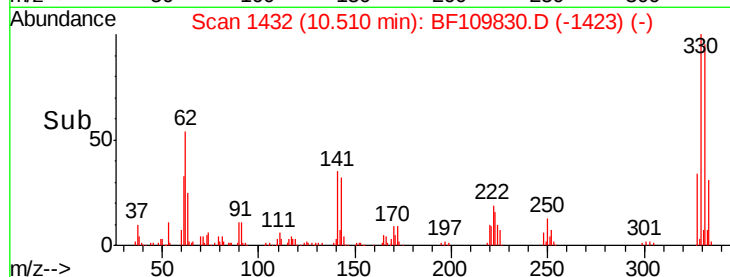
#66
 4-Bromophenyl-phenylether
 Concen: 3.077 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109830.D
 Acq: 12 Oct 2018 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14263
 Ion Ratio Lower Upper
 248 100
 250 208.7 79.4 119.2#
 141 558.7 55.9 83.9#

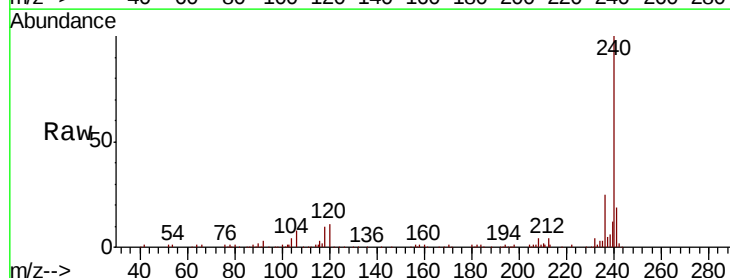


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

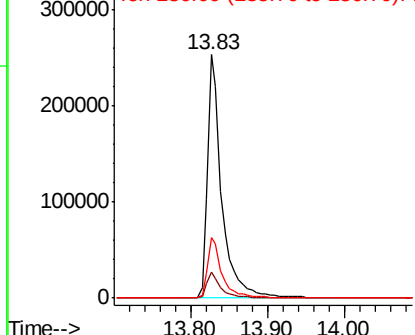
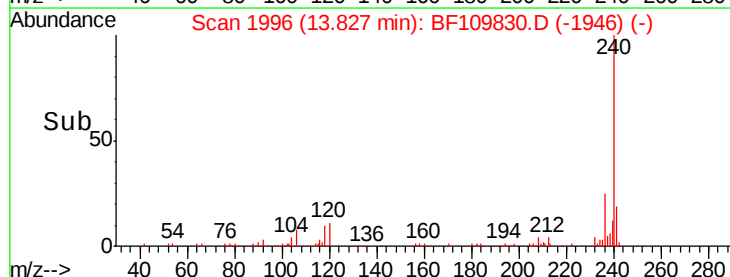


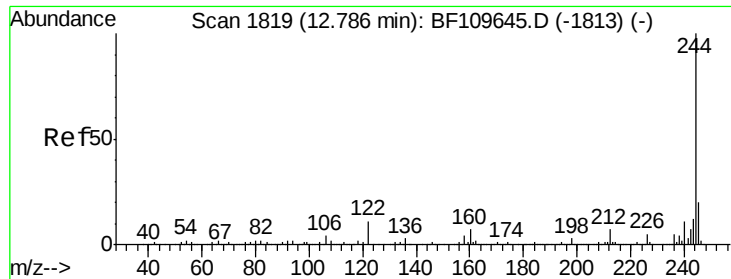
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109830.D
 Acq: 12 Oct 2018 13:39

Tgt Ion:240 Resp: 324453
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 24.7 21.2 31.8



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: 65.278 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109830.D

Acq: 12 Oct 2018 13:39

Instrument :

BNA_F

ClientSampleId :

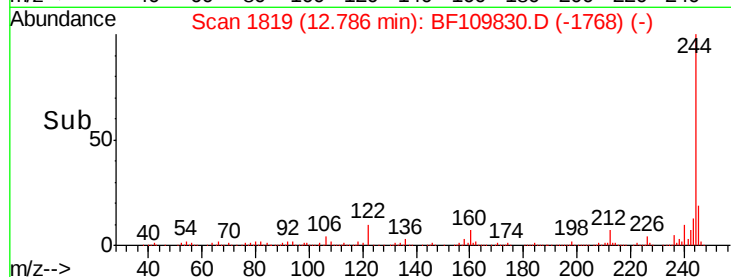
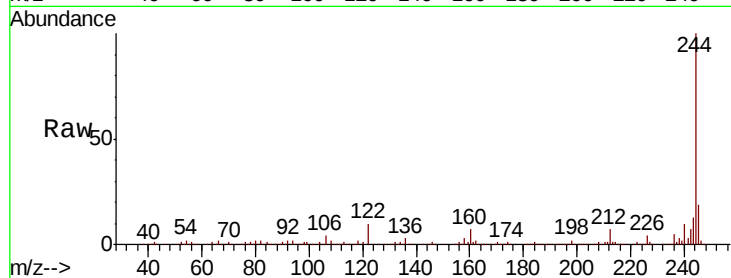
Tot Ion:244 Resp: 1094076

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

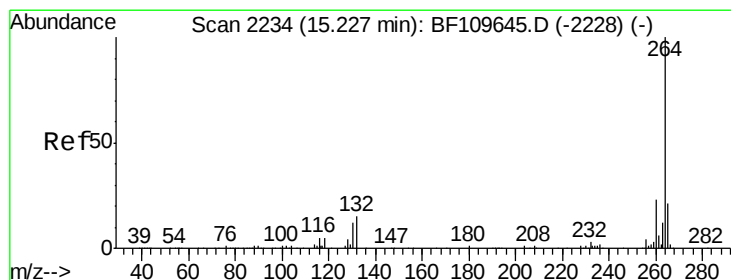
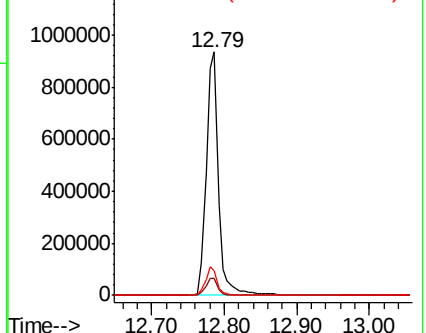
122 10.3 8.7 13.1



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: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF109830.D

Acq: 12 Oct 2018 13:39

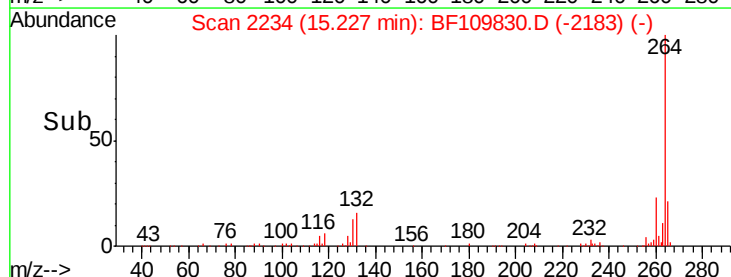
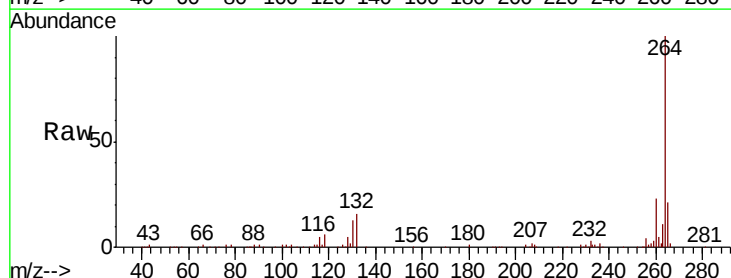
Tgt Ion:264 Resp: 266385

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.2 16.7 25.1



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

