

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109739.D
 Acq On : 10 Oct 2018 13:46
 Operator : JU/SJ
 Sample : J5326-21RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 14:27:55 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

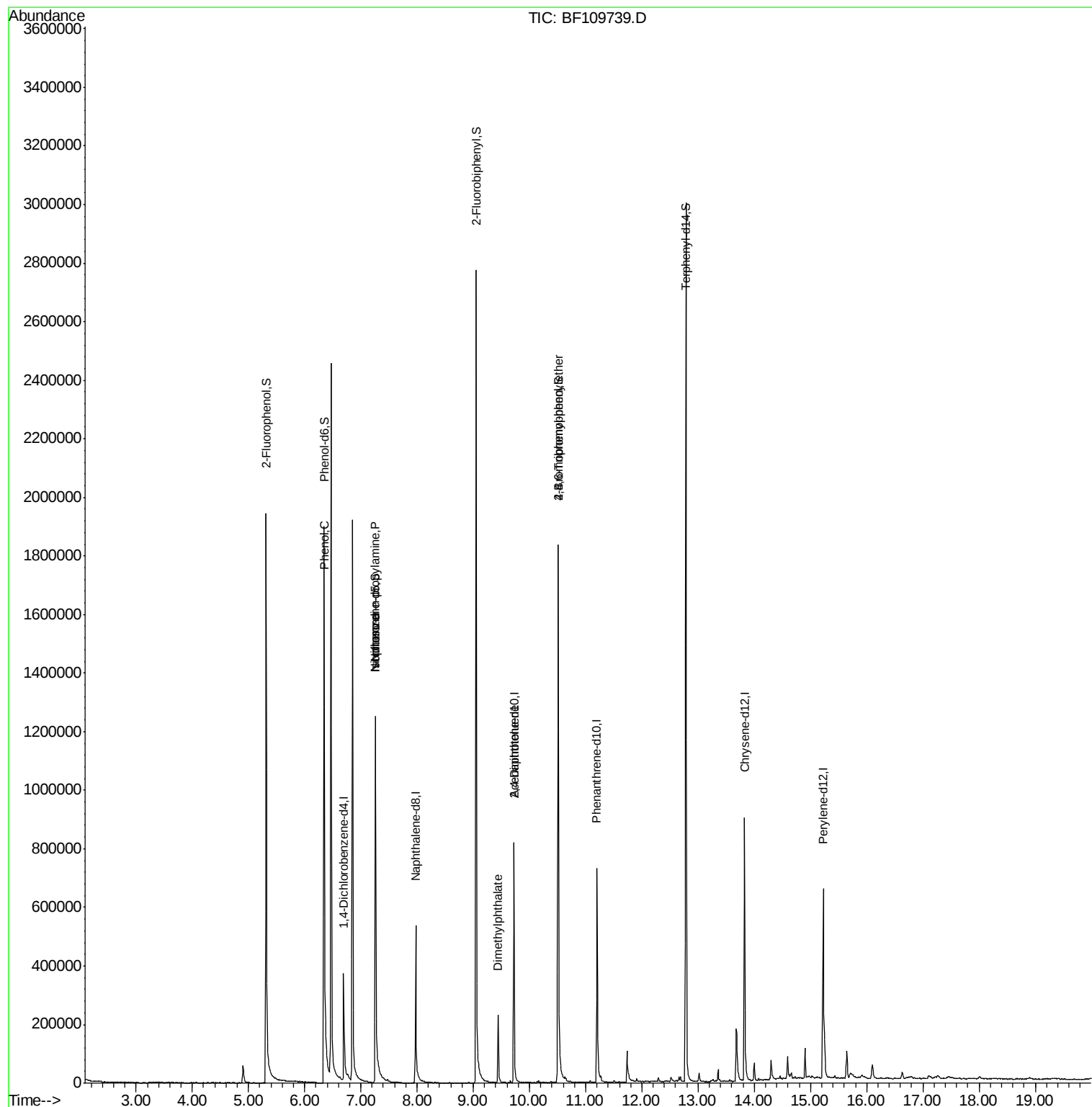
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	82721	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	346624	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	172633	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	371467	20.00	ng	0.00
75) Chrysene-d12	13.83	240	367058	20.00	ng	0.00
86) Perylene-d12	15.23	264	349661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	696318	149.42	ng	0.00
7) Phenol-d6	6.35	99	953563	153.17	ng	-0.01
23) Nitrobenzene-d5	7.26	82	630278	100.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	285784	151.93	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1050287	83.79	ng	0.00
78) Terphenyl-d14	12.79	244	1218628	64.27	ng	0.00
Target Compounds						
10) Phenol	6.36	94	33841	4.740	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	82665	18.935	ng	# 76
25) Isophorone	7.26	82	632229	60.548	ng	# 67
49) Dimethylphthalate	9.45	163	116490	9.201	ng	100
56) 2,4-Dinitrotoluene	9.72	165	21984	6.419	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	17188	4.027	ng	# 1

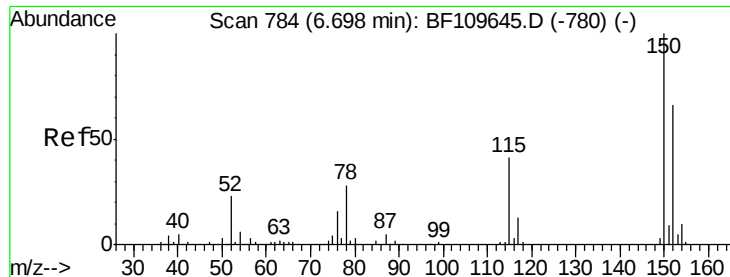
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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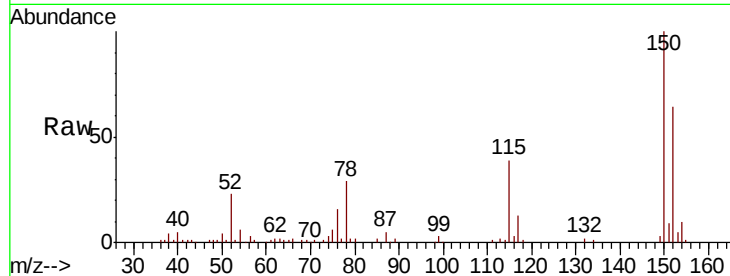


#1

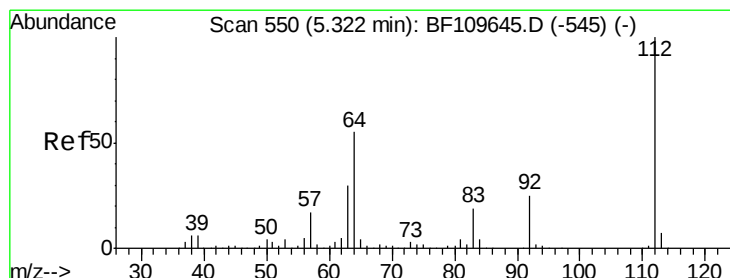
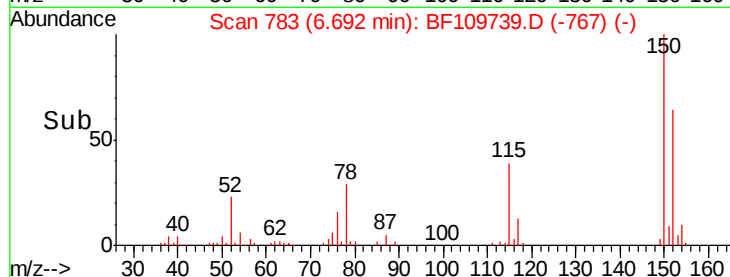
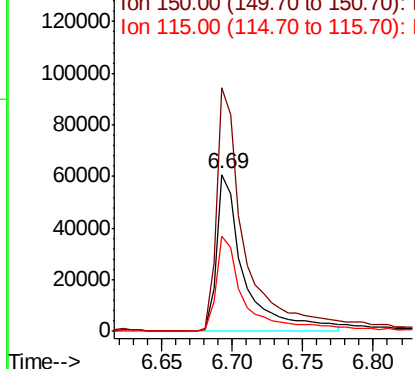
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109739.D
Acq: 10 Oct 2018 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82721
Ion Ratio Lower Upper
152 100
150 155.1 122.7 184.1
115 60.6 49.1 73.7



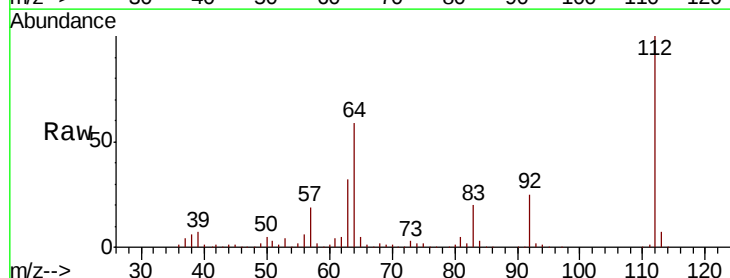
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



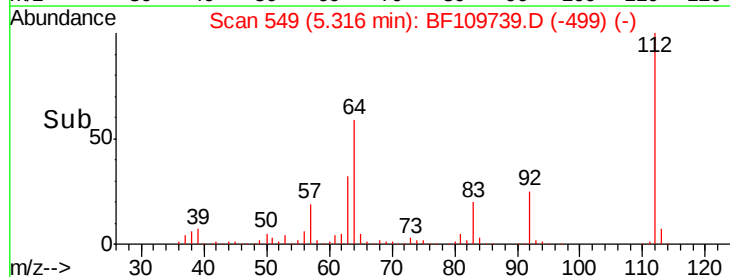
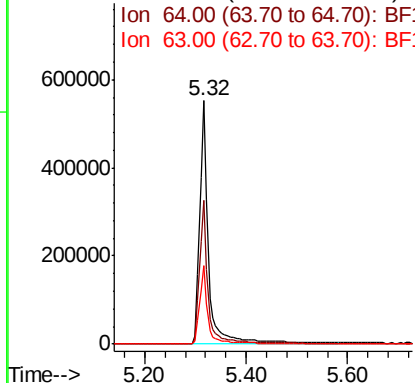
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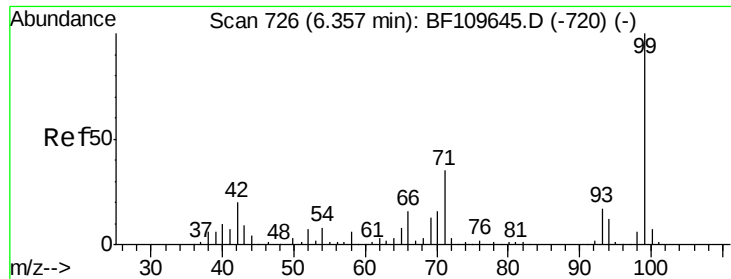
2-Fluorophenol
Concen: 149.416 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109739.D
Acq: 10 Oct 2018 13:46

Tgt Ion:112 Resp: 696318
Ion Ratio Lower Upper
112 100
64 58.8 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: 153.169 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109739.D

Acq: 10 Oct 2018 13:46

Instrument :

BNA_F

ClientSampled :

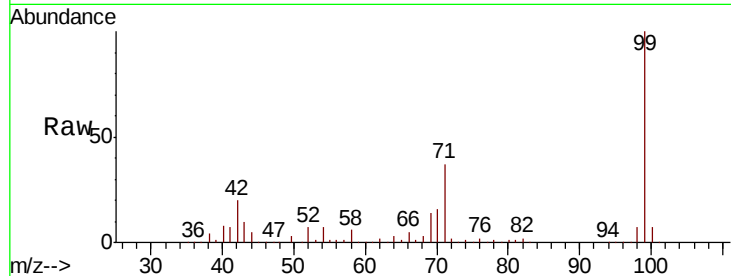
Tot Ion: 99 Resp: 953563

Ion Ratio Lower Upper

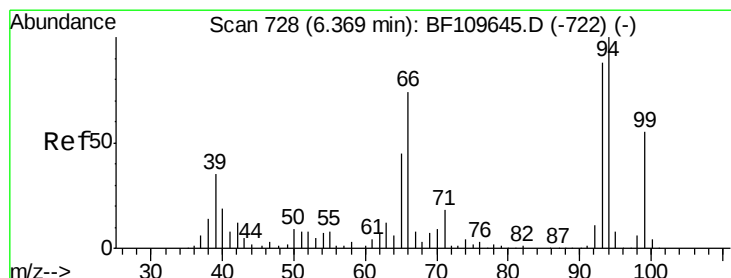
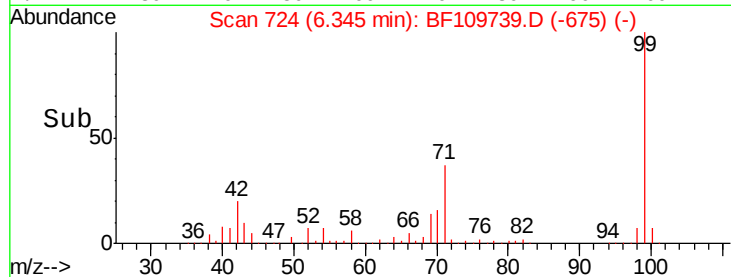
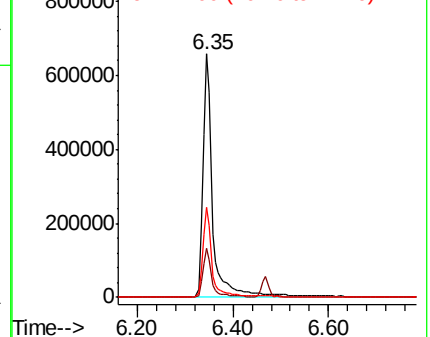
99 100

42 20.3 15.8 23.6

71 37.1 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



#10

Phenol

Concen: 4.740 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109739.D

Acq: 10 Oct 2018 13:46

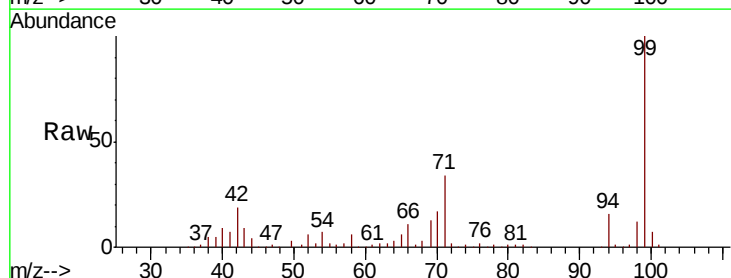
Tgt Ion: 94 Resp: 33841

Ion Ratio Lower Upper

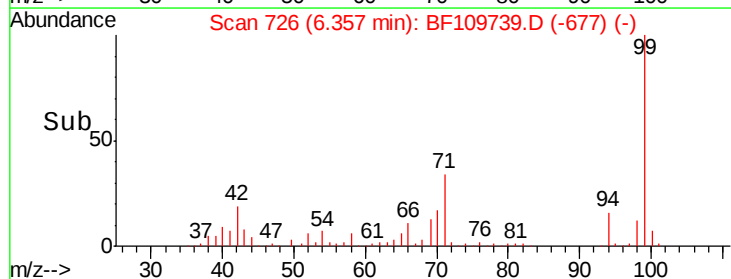
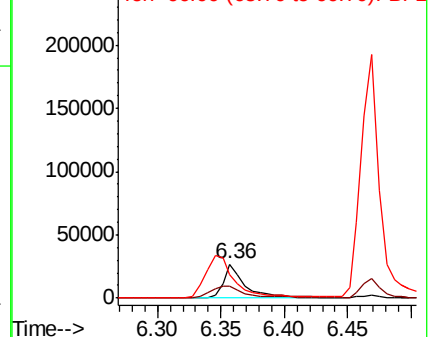
94 100

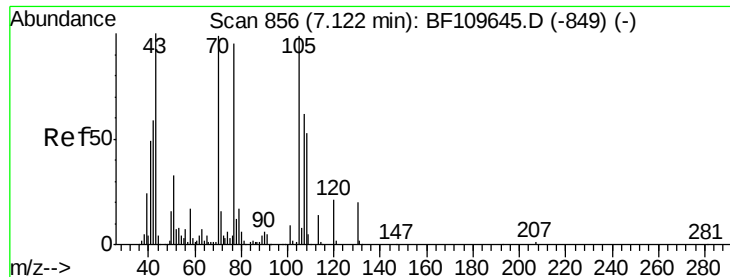
65 35.8 25.3 65.3

66 68.0 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

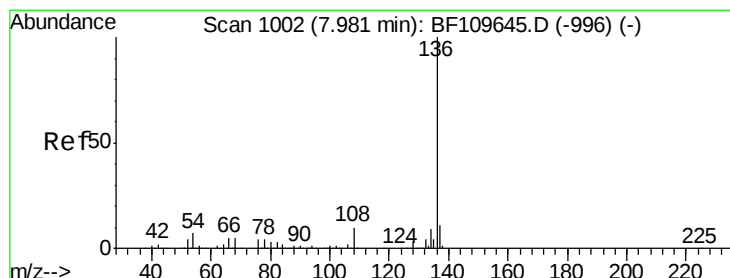
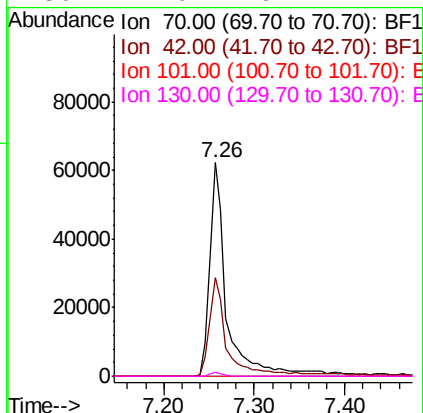
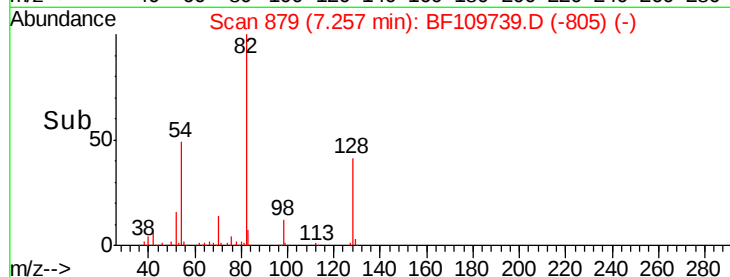
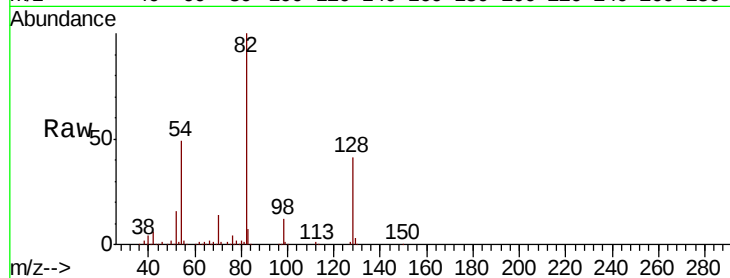




#19
n-Nitroso-di-n-propylamine
Concen: 18.935 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109739.D
Acq: 10 Oct 2018 13:46

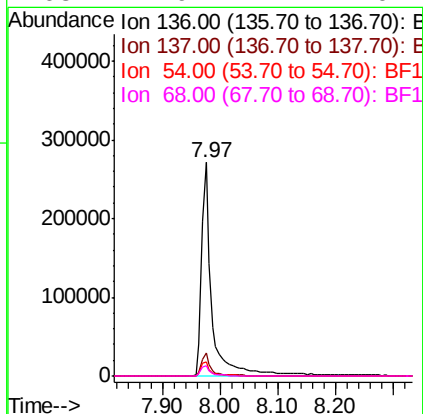
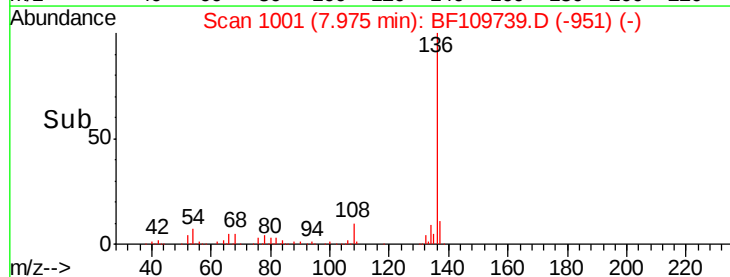
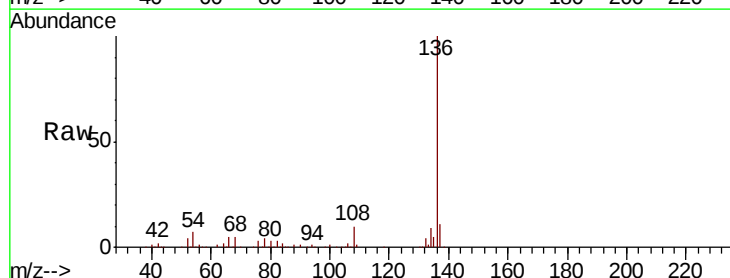
Instrument :
BNA_F
ClientSampleId :

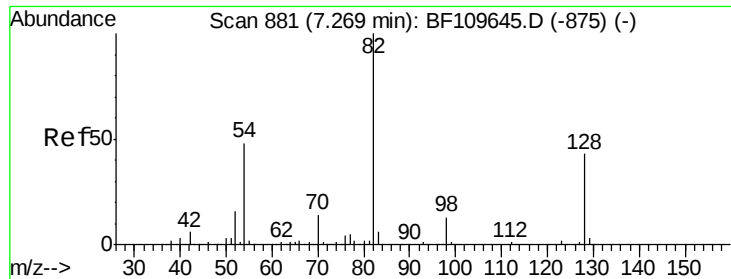
Tot Ion: 70 Resp: 82665
Ion Ratio Lower Upper
70 100
42 45.9 47.4 71.2#
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109739.D
Acq: 10 Oct 2018 13:46

Tgt Ion:136 Resp: 346624
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.4 8.2
68 4.9 4.2 6.2

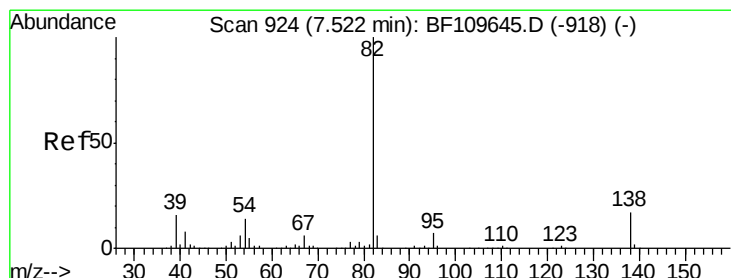
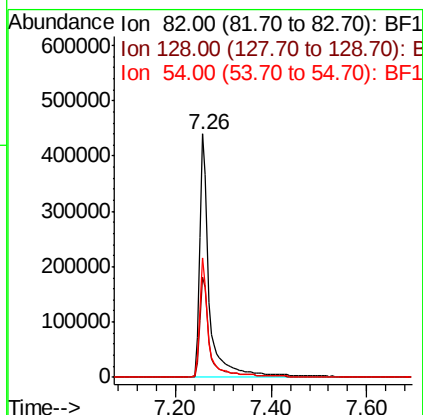
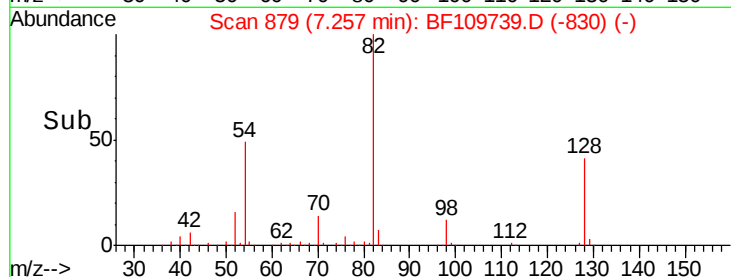
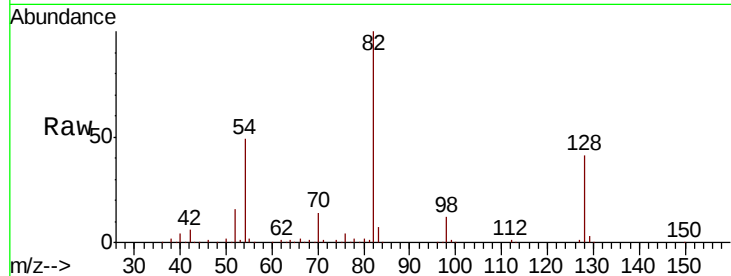




#23
 Nitrobenzene-d5
 Concen: 100.233 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109739.D
 Acq: 10 Oct 2018 13:46

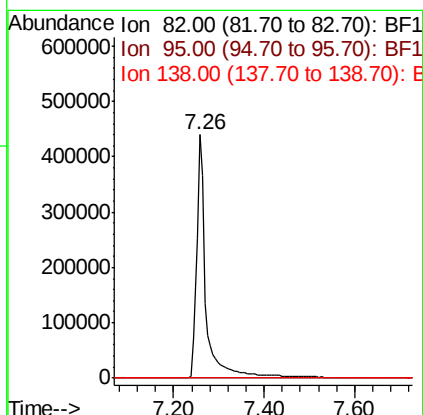
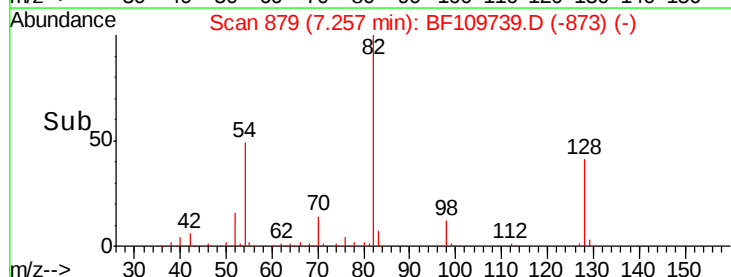
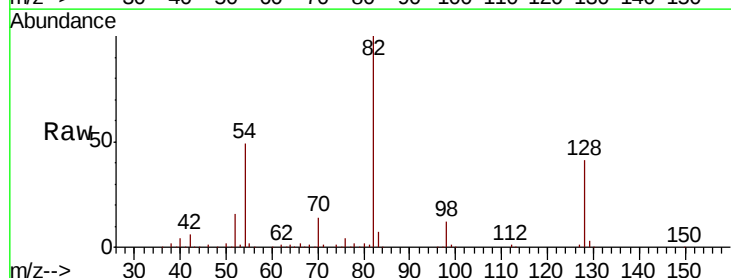
Instrument :
 BNA_F
 ClientSampled :

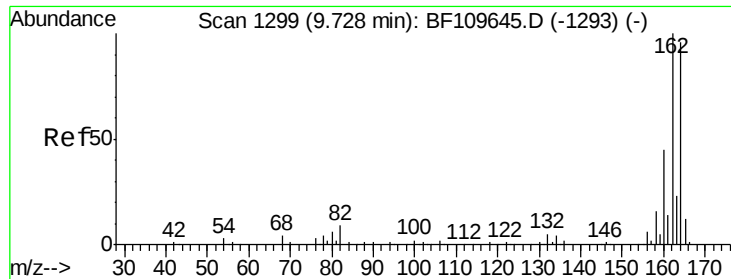
Tot Ion: 82 Resp: 630278
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.2 51.2
 54 48.9 38.6 58.0



#25
 Isophorone
 Concen: 60.548 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109739.D
 Acq: 10 Oct 2018 13:46

Tgt Ion: 82 Resp: 632229
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#

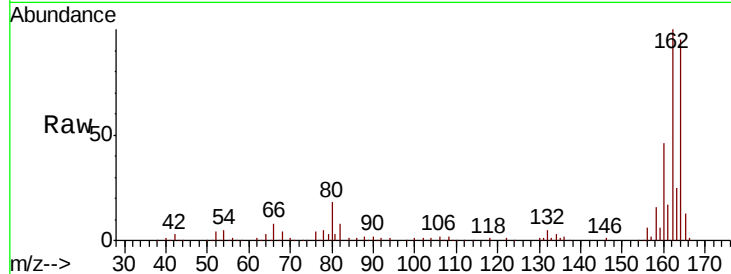




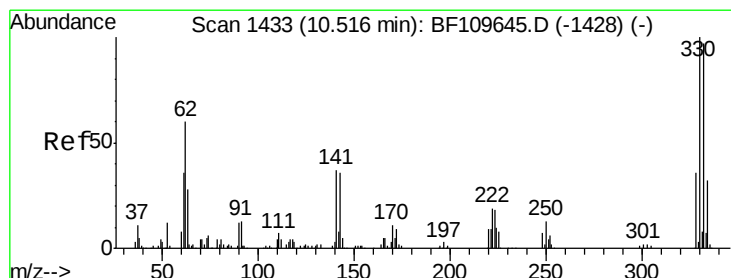
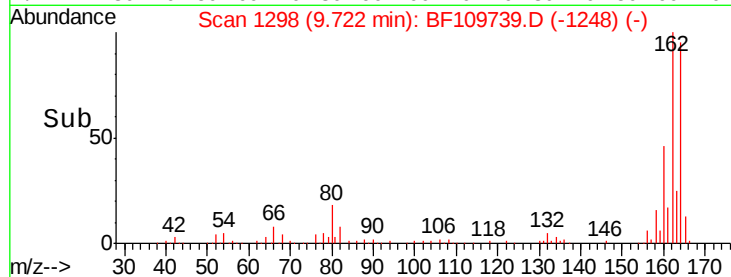
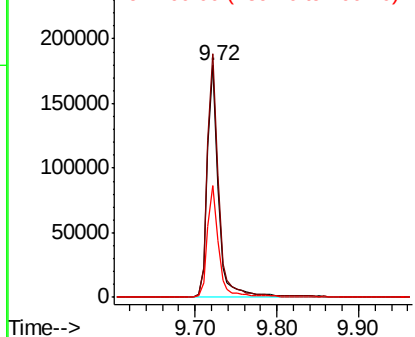
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109739.D
Acq: 10 Oct 2018 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 172633
Ion Ratio Lower Upper
164 100
162 105.1 83.0 124.6
160 48.0 37.0 55.6

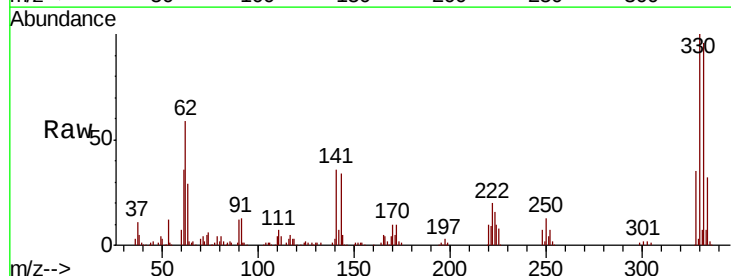


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

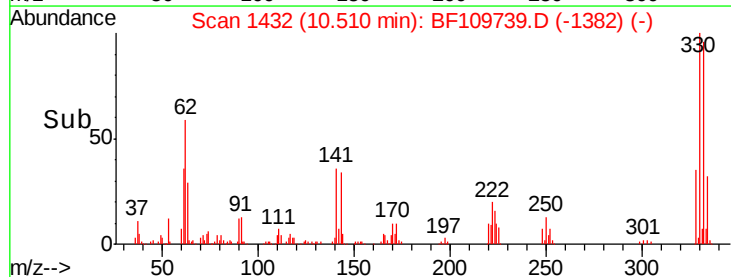
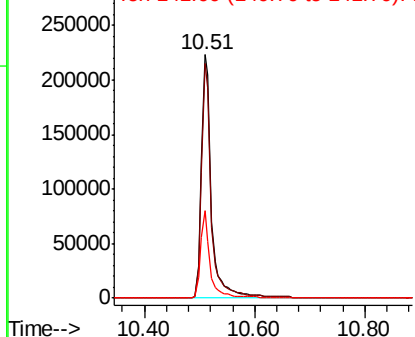


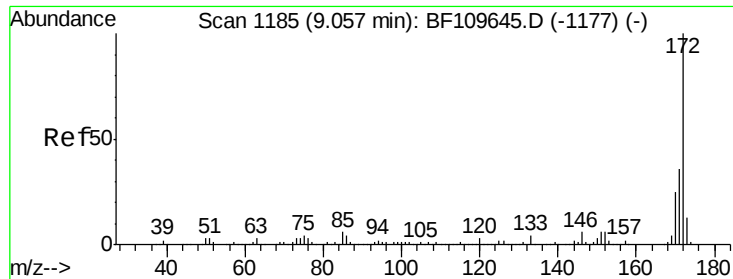
#41
2,4,6-Tribromophenol
Concen: 151.930 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109739.D
Acq: 10 Oct 2018 13:46

Tgt Ion:330 Resp: 285784
Ion Ratio Lower Upper
330 100
332 94.6 77.1 115.7
141 34.2 27.0 40.4



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



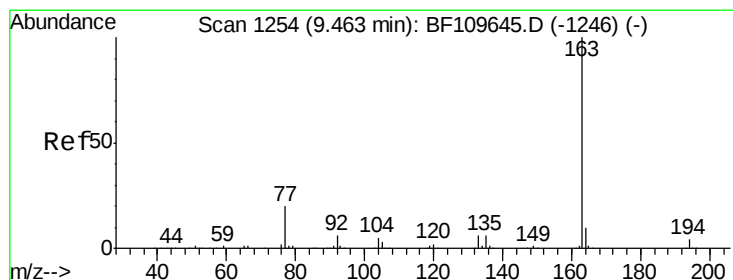
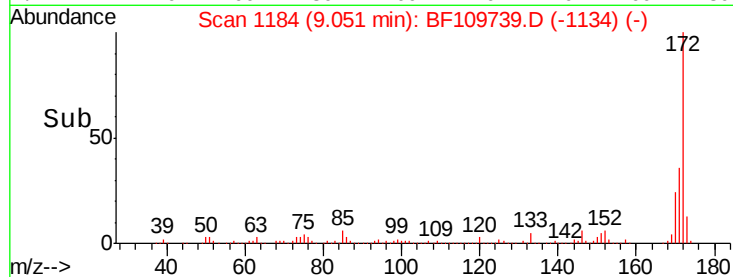
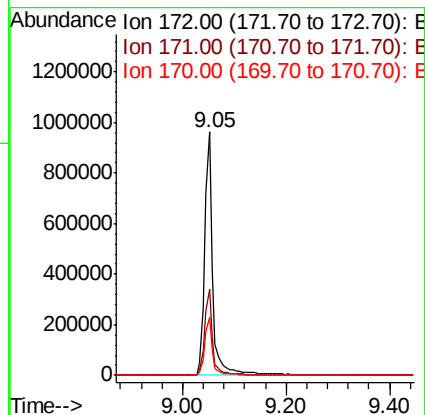
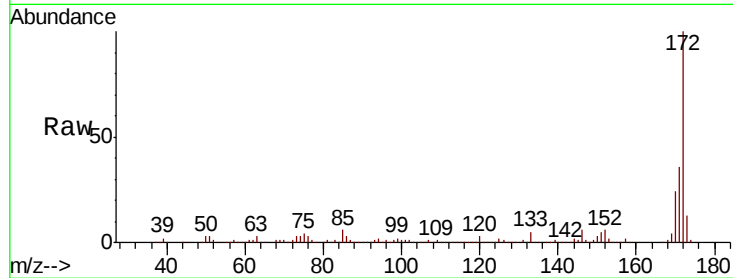


#44
 2-Fluorobiphenyl
 Concen: 83.791 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109739.D
 Acq: 10 Oct 2018 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1050287

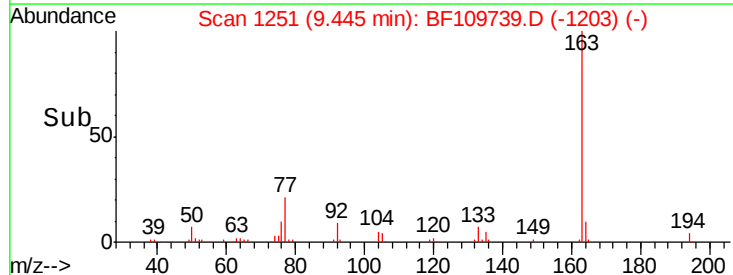
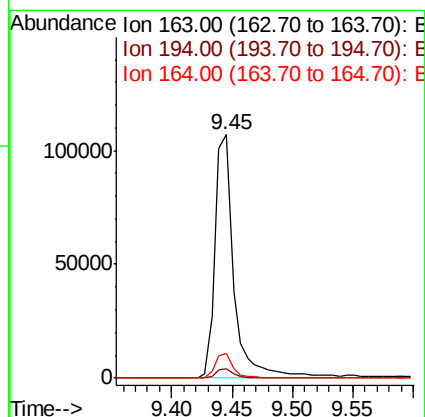
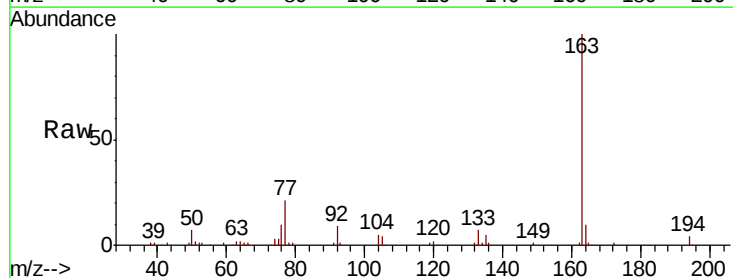
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.9	19.7	29.5



#49
 Dimethylphthalate
 Concen: 9.201 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109739.D
 Acq: 10 Oct 2018 13:46

Tgt Ion:163 Resp: 116490

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	8.1	12.1

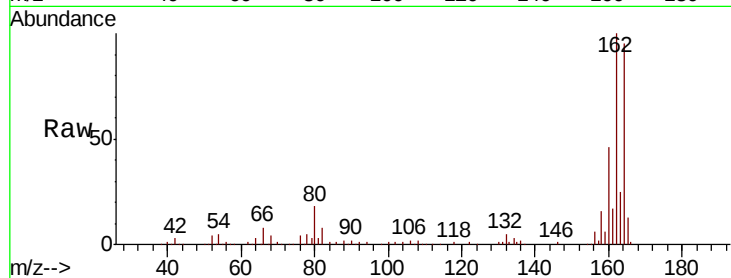




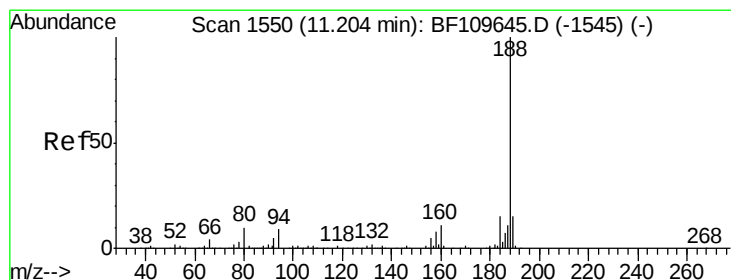
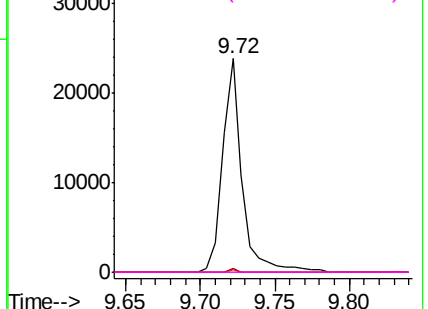
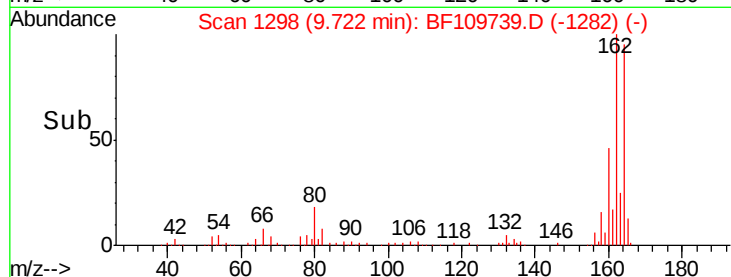
#56
 2,4-Dinitrotoluene
 Concen: 6.419 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109739.D
 Acq: 10 Oct 2018 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#

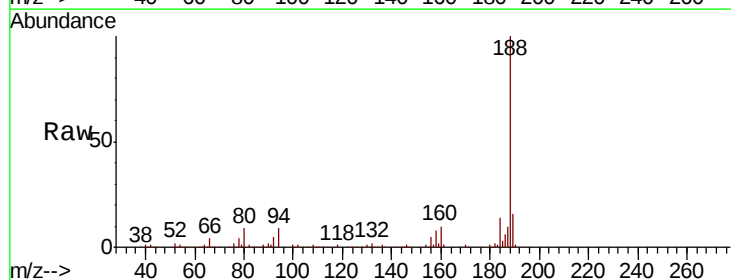


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

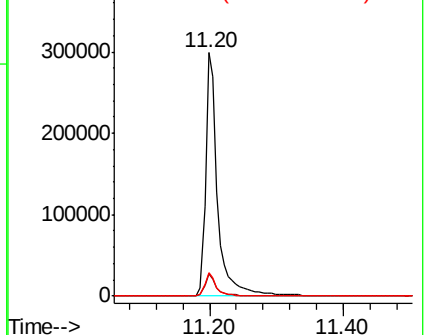
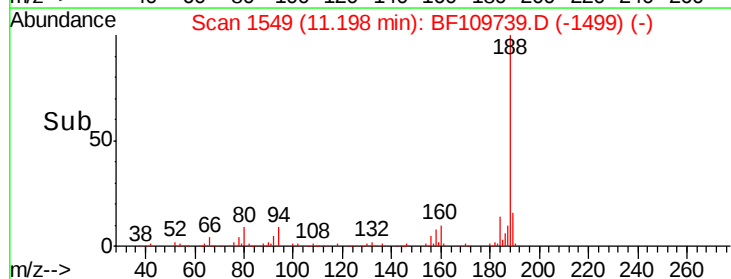


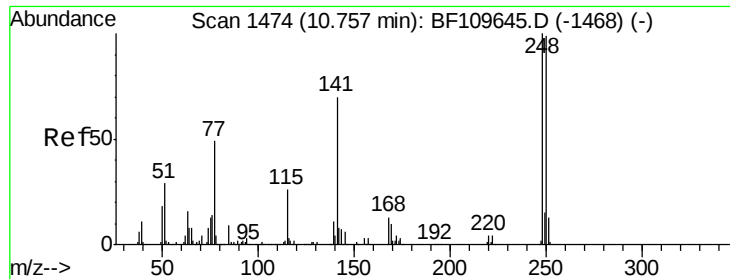
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109739.D
 Acq: 10 Oct 2018 13:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.5	7.9	11.9



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

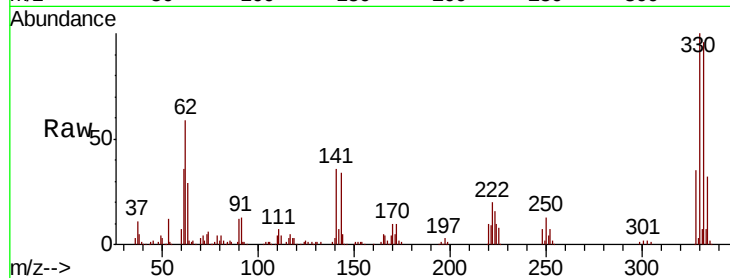




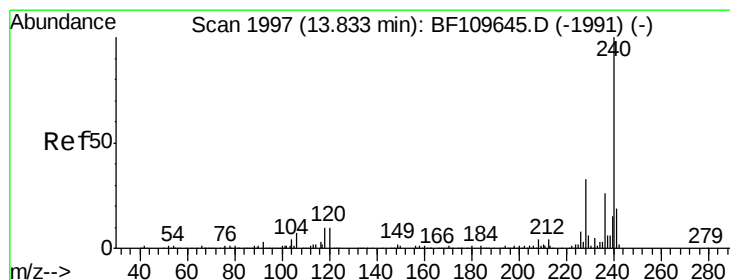
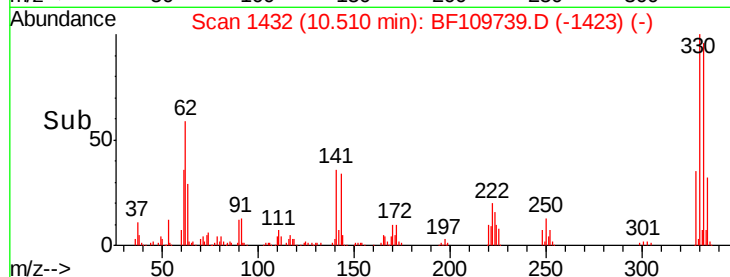
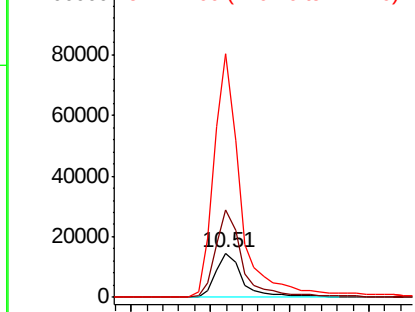
#66
4-Bromophenyl-phenylether
Concen: 4.027 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109739.D
Acq: 10 Oct 2018 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17188
Ion Ratio Lower Upper
248 100
250 197.5 79.4 119.2#
141 551.7 55.9 83.9#

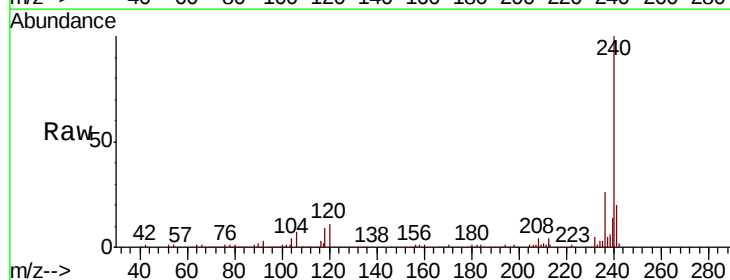


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

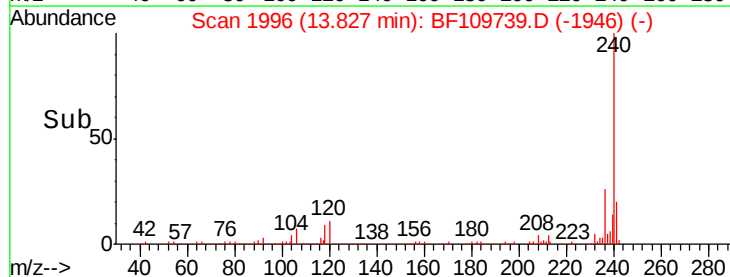
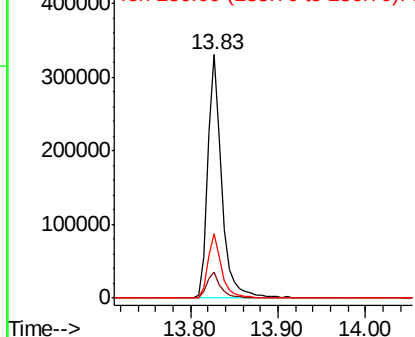


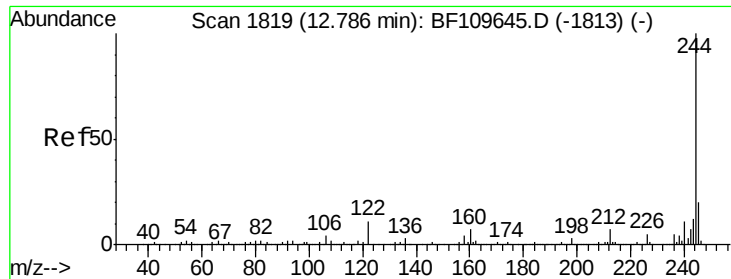
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109739.D
Acq: 10 Oct 2018 13:46

Tgt Ion:240 Resp: 367058
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.3 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

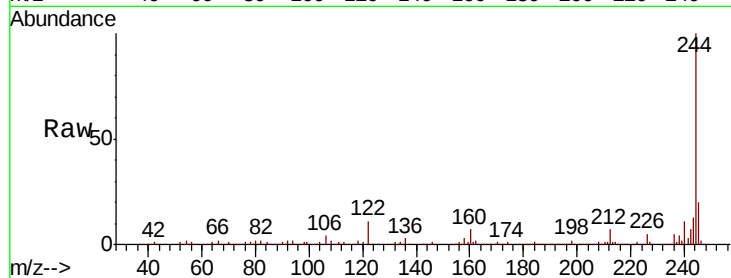




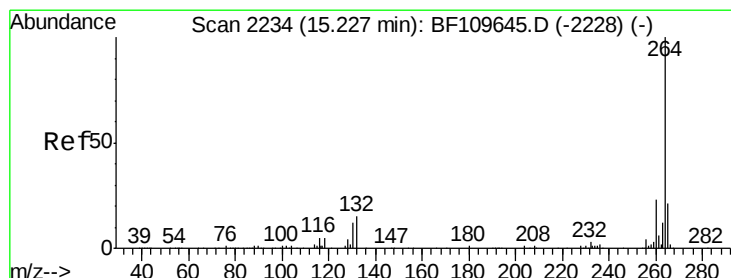
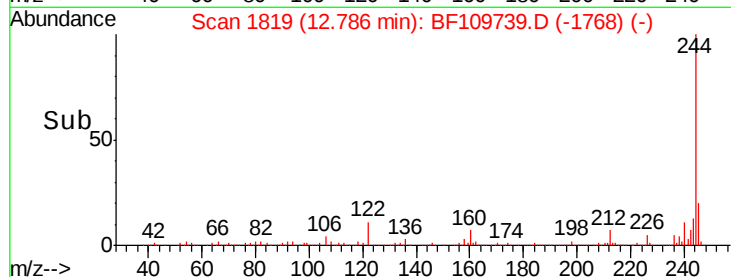
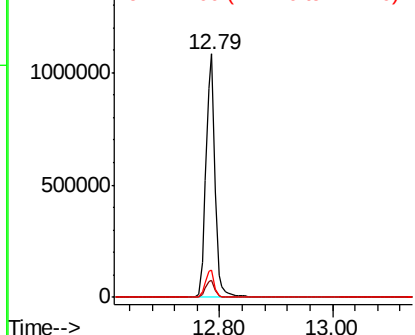
#78
 Terphenyl-d14
 Concen: 64.270 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109739.D
 Acq: 10 Oct 2018 13:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1218628
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.1 8.7 13.1

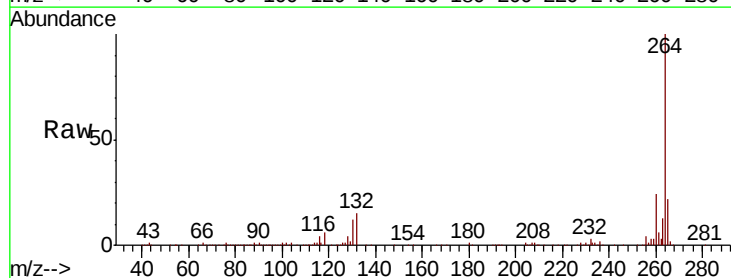


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109739.D
 Acq: 10 Oct 2018 13:46

Tgt Ion:264 Resp: 349661
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.8 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

