

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109741.D
 Acq On : 10 Oct 2018 14:41
 Operator : JU/SJ
 Sample : J5326-17RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 15:42:59 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	6.70	152	73293	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	305918	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	152255	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	323080	20.00	ng	0.00
75) Chrysene-d12	13.83	240	288797	20.00	ng	0.00
86) Perylene-d12	15.23	264	243139	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	590045	142.90	ng	0.00
7) Phenol-d6	6.35	99	815316	147.81	ng	-0.01
23) Nitrobenzene-d5	7.26	82	550814	99.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	243393	146.71	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	952546	86.16	ng	0.00
78) Terphenyl-d14	12.79	244	1077621	72.23	ng	0.00

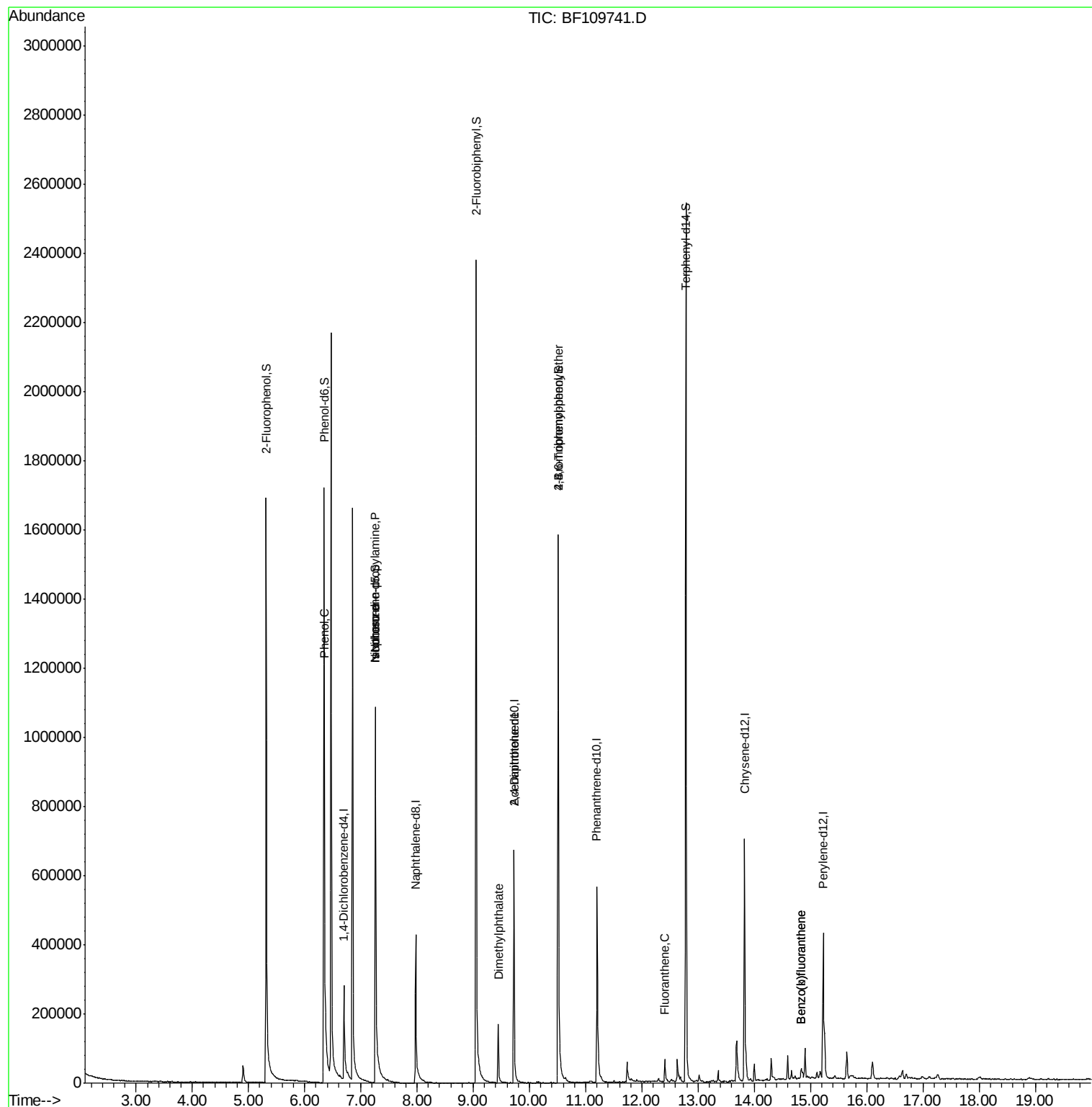
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.36	94	28110	4.444	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	70938	18.339	ng	# 78
25) Isophorone	7.26	82	550812	59.770	ng	# 67
49) Dimethylphthalate	9.45	163	94835	8.493	ng	98
56) 2,4-Dinitrotoluene	9.72	165	19108	6.326	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	14329	3.860	ng	# 1
74) Fluoranthene	12.41	202	44400	2.629	ng	99
87) Benzo(b)fluoranthene	14.84	252	30062	2.237	ng	99
88) Benzo(k)fluoranthene	14.84	252	30062	2.227	ng	98

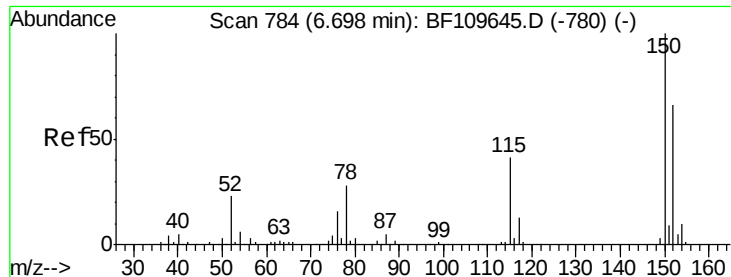
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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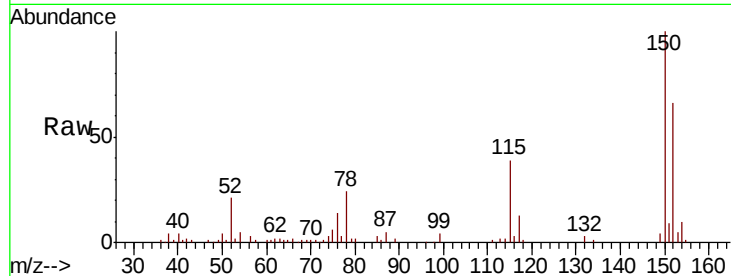


#1

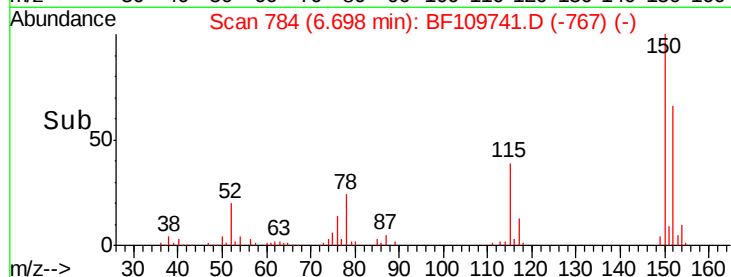
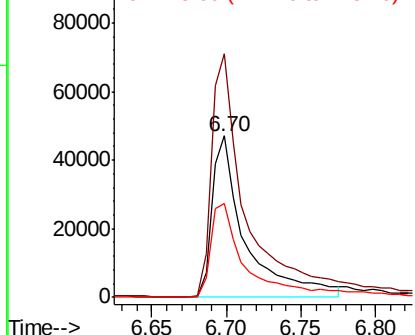
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73293
Ion Ratio Lower Upper
152 100
150 151.0 122.7 184.1
115 58.6 49.1 73.7



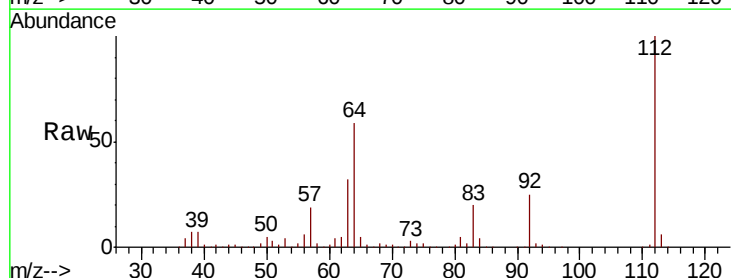
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



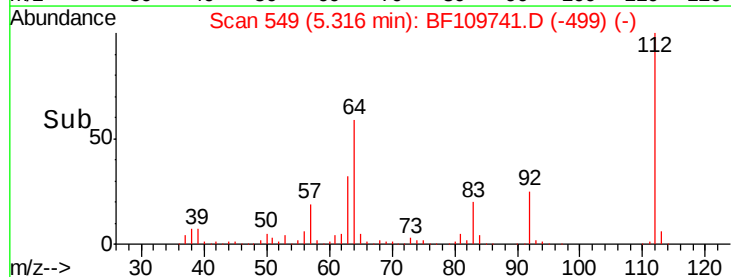
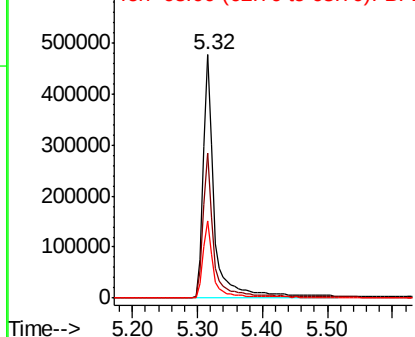
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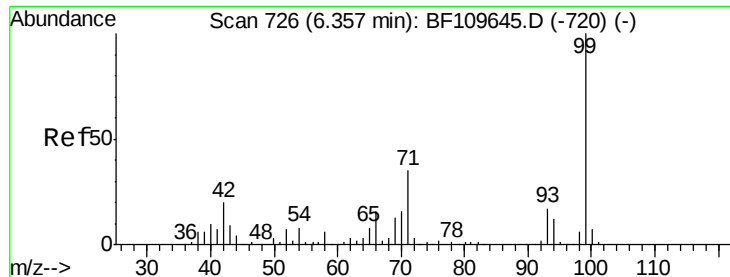
2-Fluorophenol
Concen: 142.899 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Tgt Ion:112 Resp: 590045
Ion Ratio Lower Upper
112 100
64 59.4 44.1 66.1
63 31.9 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: 147.809 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109741.D

Acq: 10 Oct 2018 14:41

Instrument :

BNA_F

ClientSampleId :

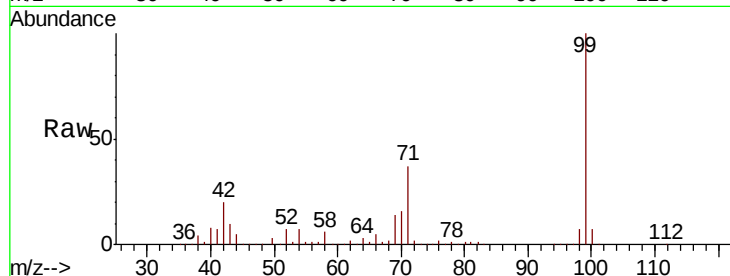
Tot Ion: 99 Resp: 815316

Ion Ratio Lower Upper

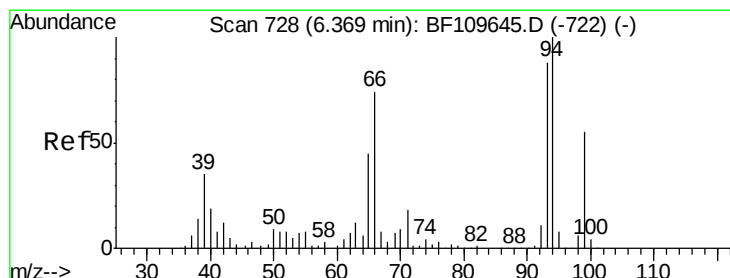
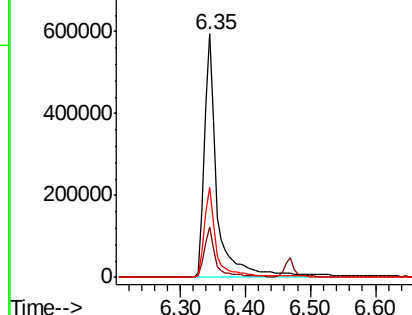
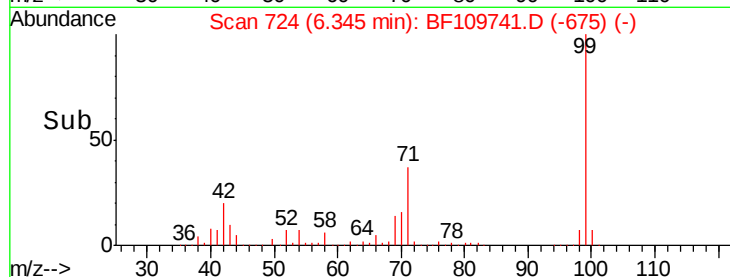
99 100

42 20.4 15.8 23.6

71 36.9 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



#10

Phenol

Concen: 4.444 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109741.D

Acq: 10 Oct 2018 14:41

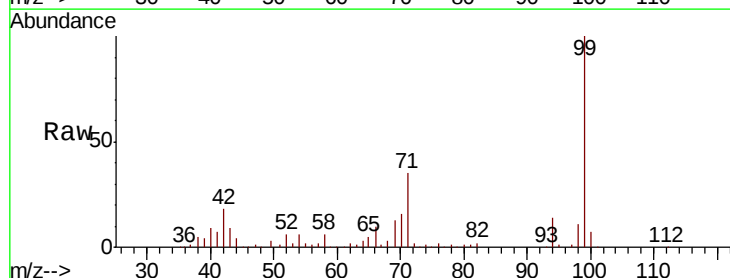
Tgt Ion: 94 Resp: 28110

Ion Ratio Lower Upper

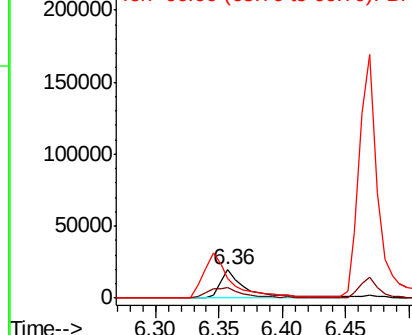
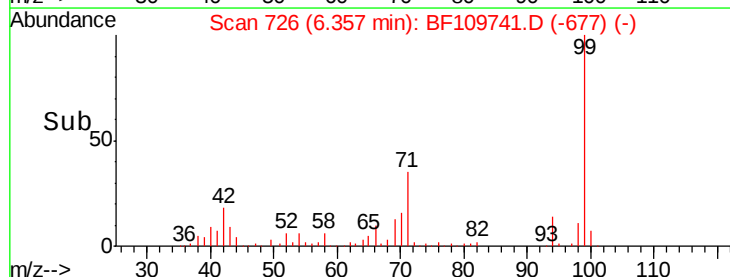
94 100

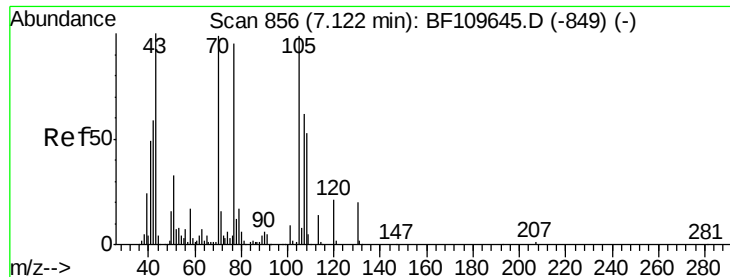
65 37.8 25.3 65.3

66 71.0 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

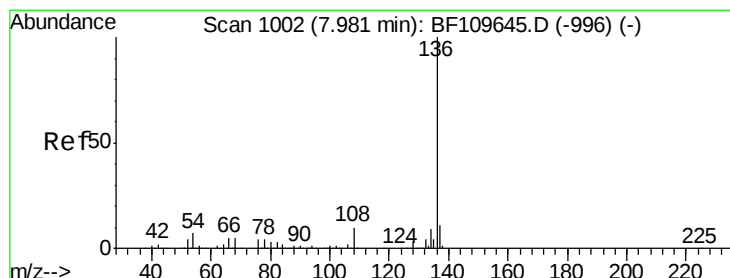
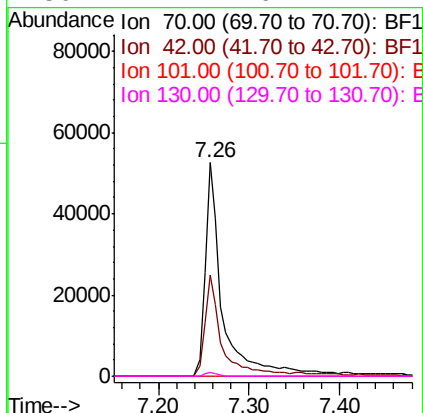
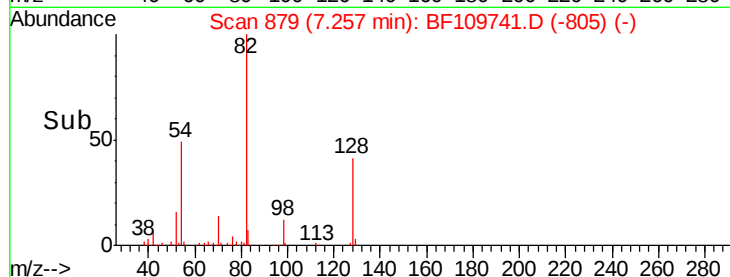
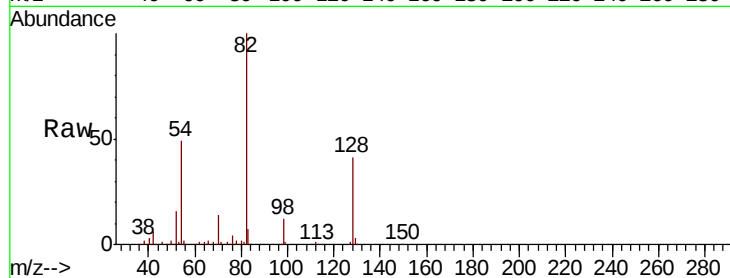




#19
n-Nitroso-di-n-propylamine
Concen: 18.339 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

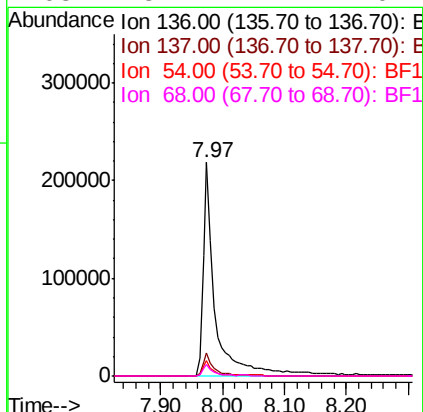
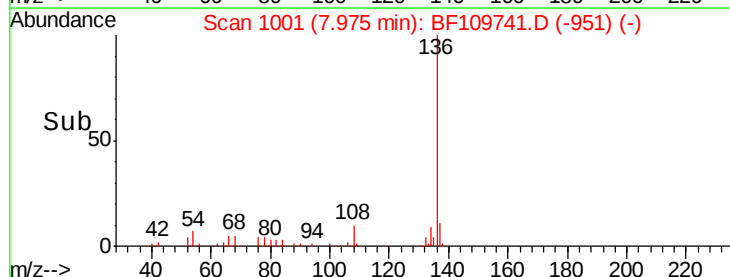
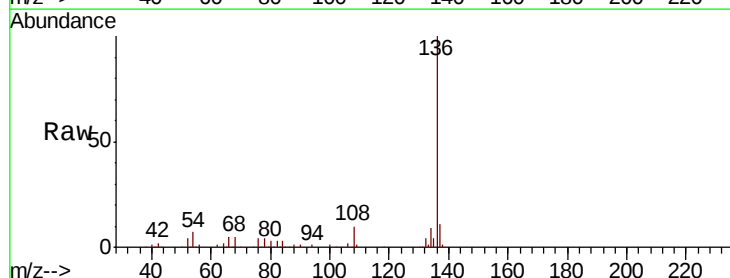
Instrument :
BNA_F
ClientSampleId :

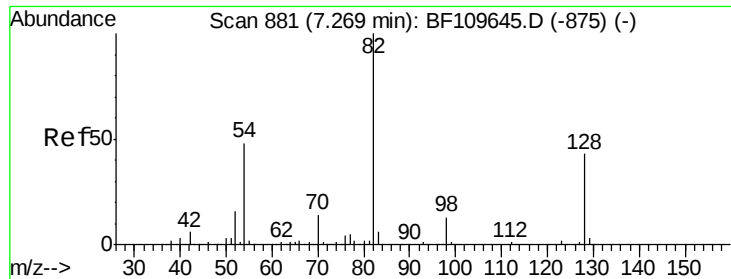
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.4	71.2#
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	5.4	8.2
68	5.2	4.2	6.2

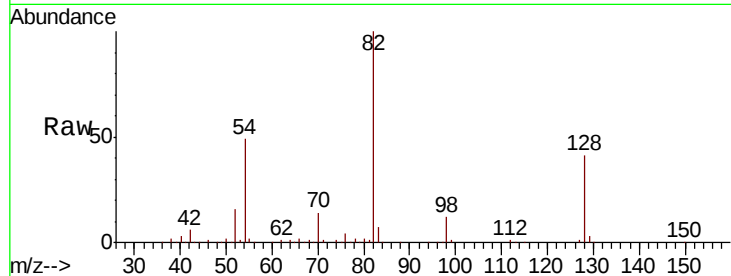




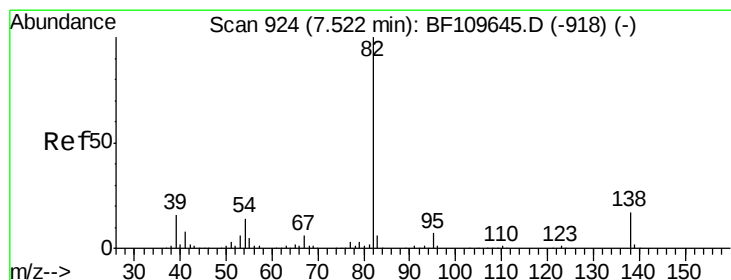
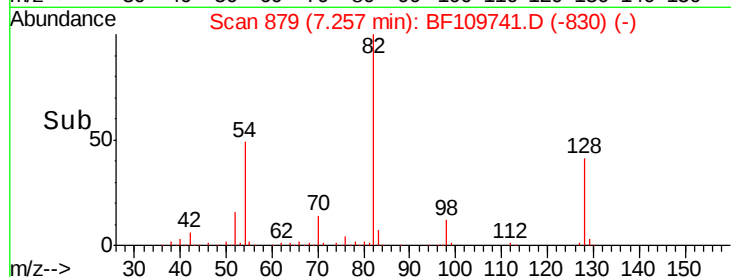
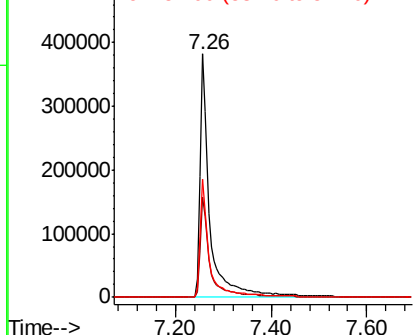
#23
Nitrobenzene-d5
Concen: 99.251 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	550814
Ion Ratio	Lower	Upper	
82	100		
128	41.3	34.2	51.2
54	48.6	38.6	58.0

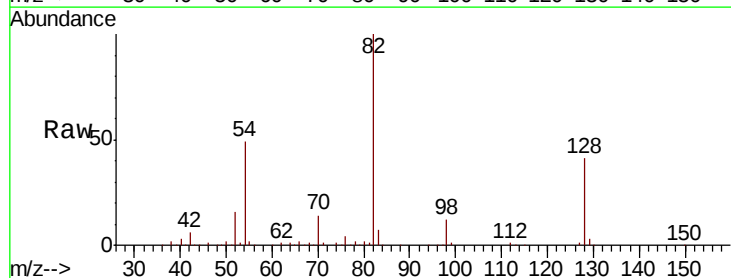


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

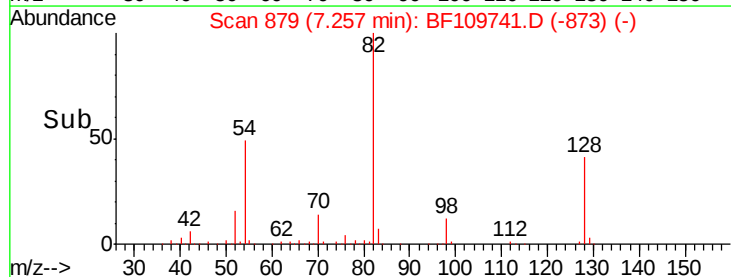
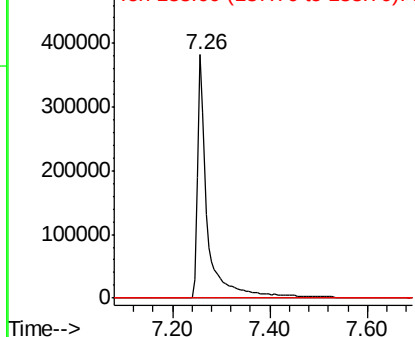


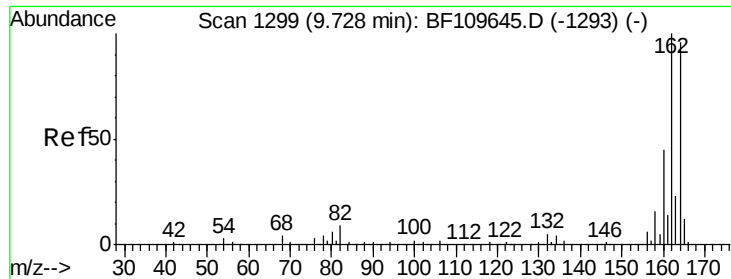
#25
Isophorone
Concen: 59.770 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Tgt Ion	82	Resp	550812
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

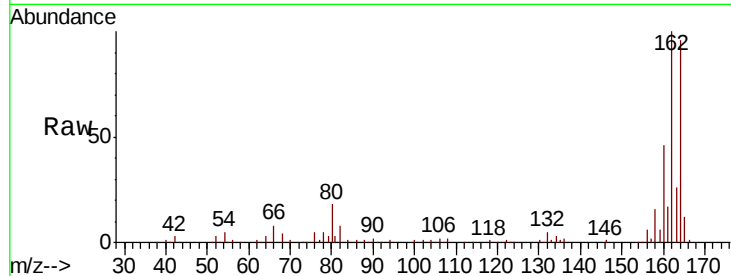




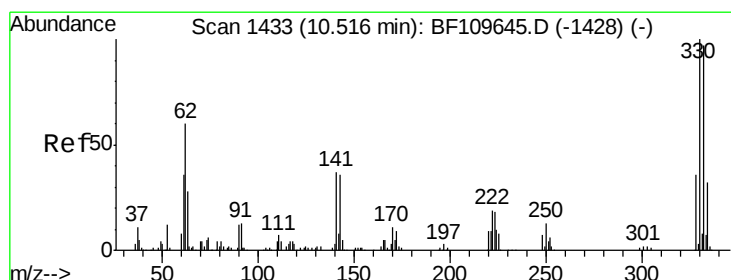
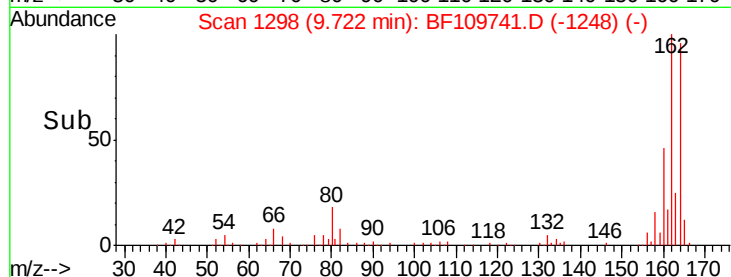
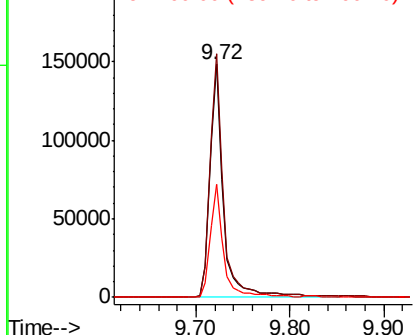
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109741.D
 Acq: 10 Oct 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 152255
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.0 124.6
 160 48.2 37.0 55.6

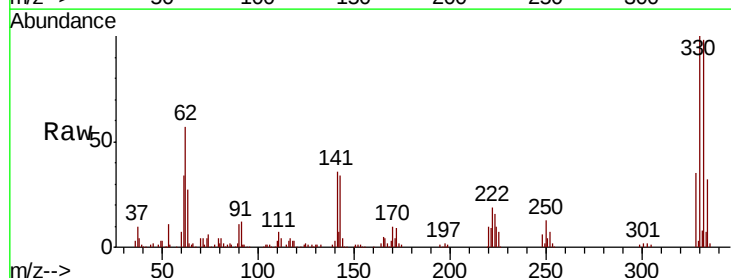


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

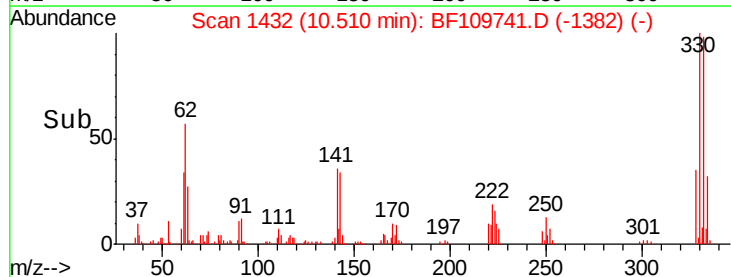
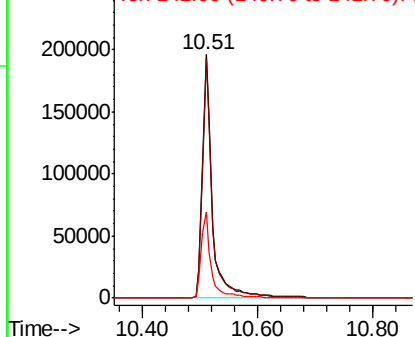


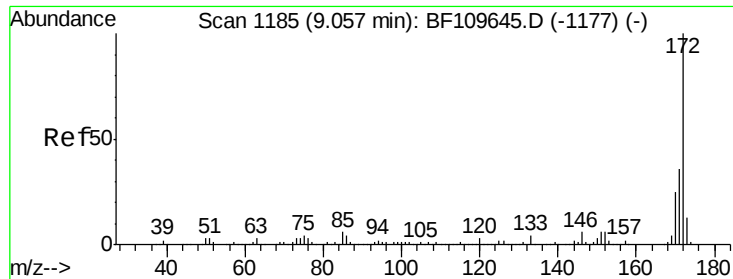
#41
 2,4,6-Tribromophenol
 Concen: 146.712 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109741.D
 Acq: 10 Oct 2018 14:41

Tgt Ion:330 Resp: 243393
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 35.1 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

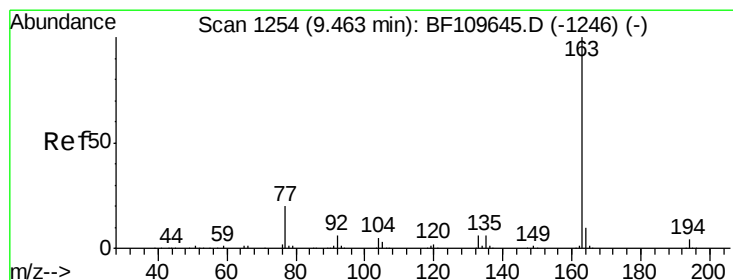
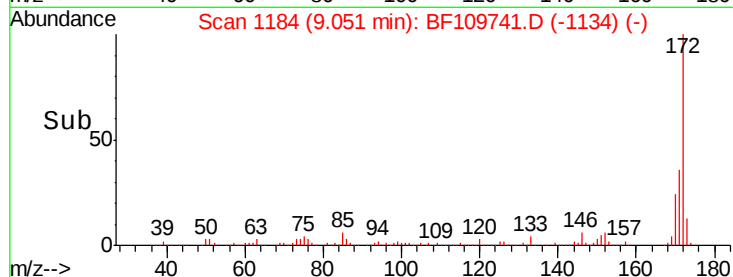
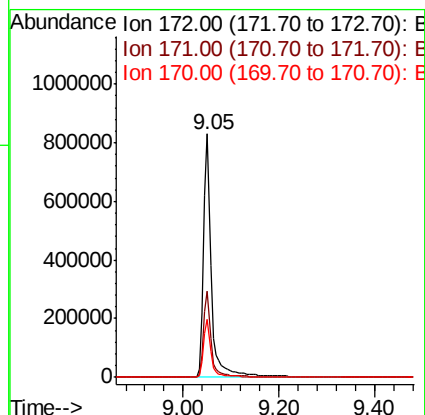
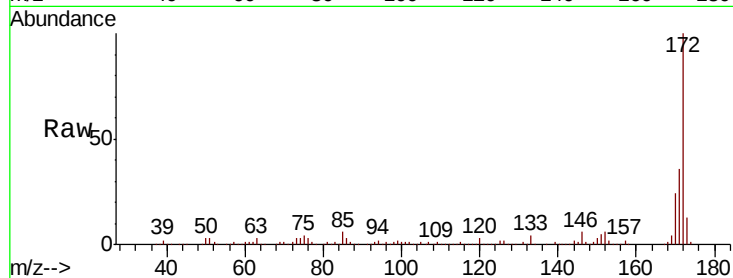




#44
2-Fluorobiphenyl
Concen: 86.164 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

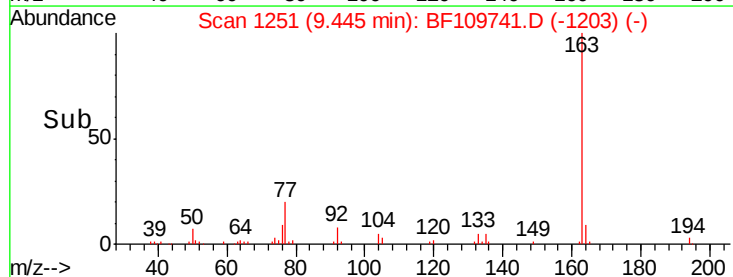
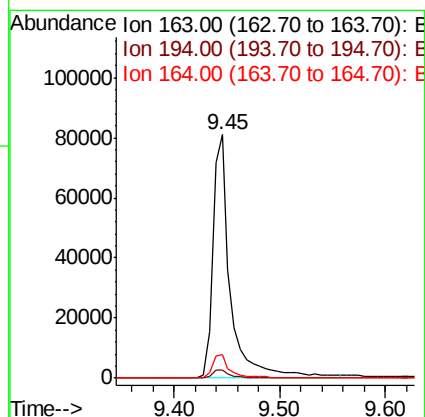
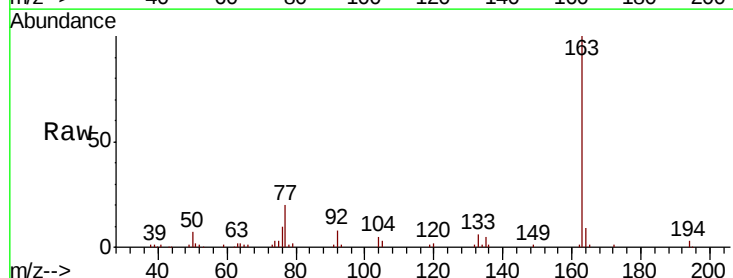
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 952546
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 19.7 29.5



#49
Dimethylphthalate
Concen: 8.493 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Tgt Ion:163 Resp: 94835
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.5 8.1 12.1

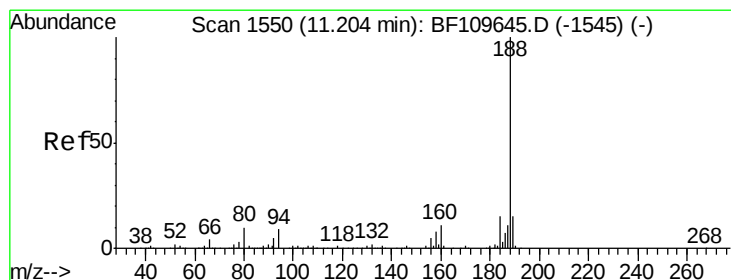
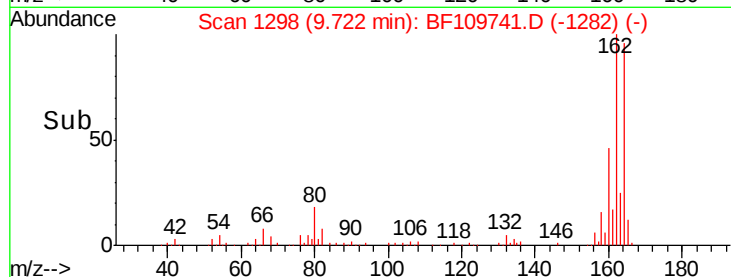
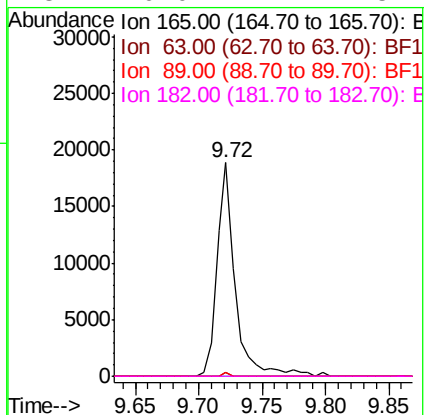
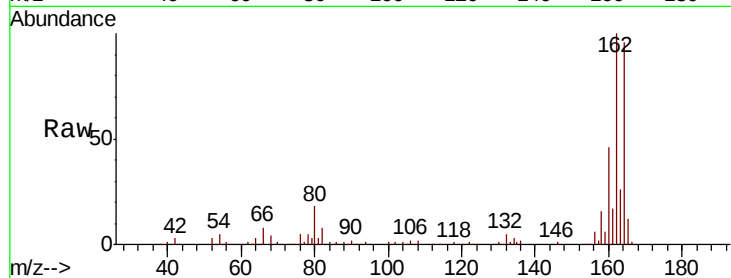




#56
2,4-Dinitrotoluene
Concen: 6.326 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

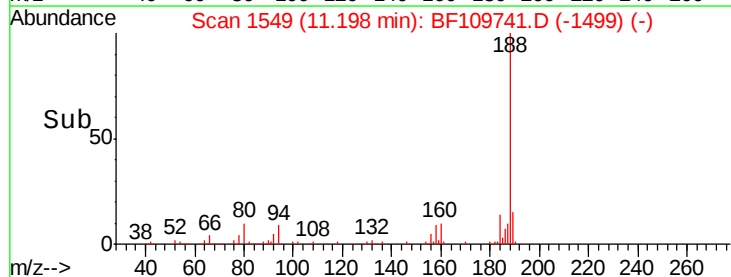
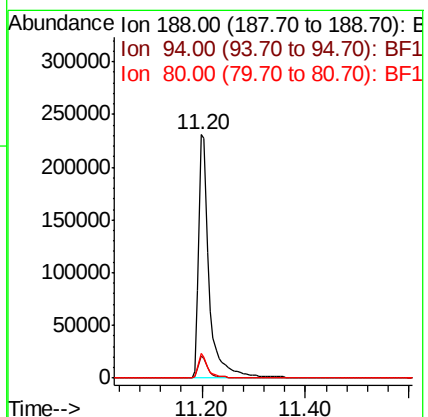
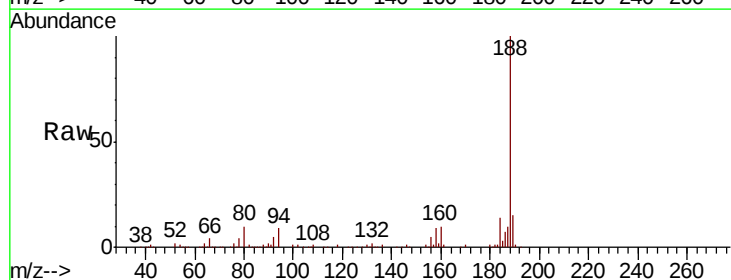
Instrument :
BNA_F
ClientSampleId :

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



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.3	7.9	11.9

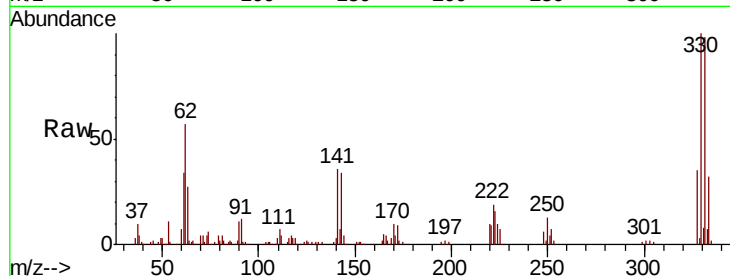




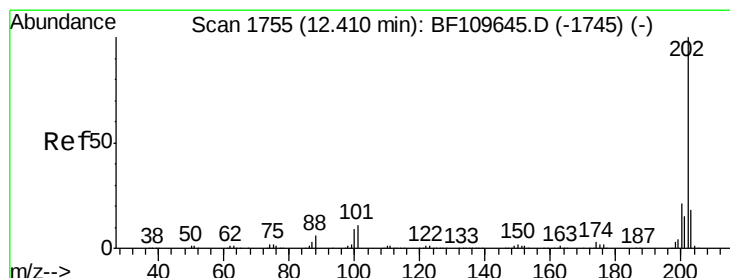
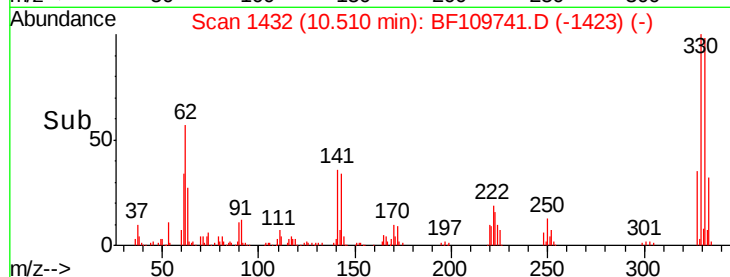
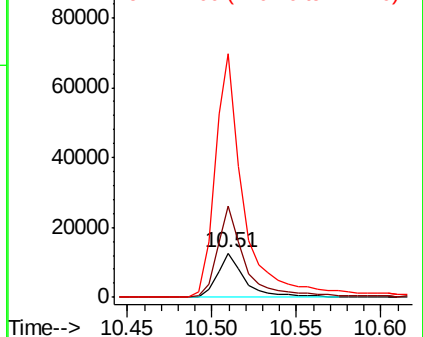
#66
4-Bromophenyl-phenylether
Concen: 3.860 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14329
Ion Ratio Lower Upper
248 100
250 206.2 79.4 119.2#
141 553.5 55.9 83.9#

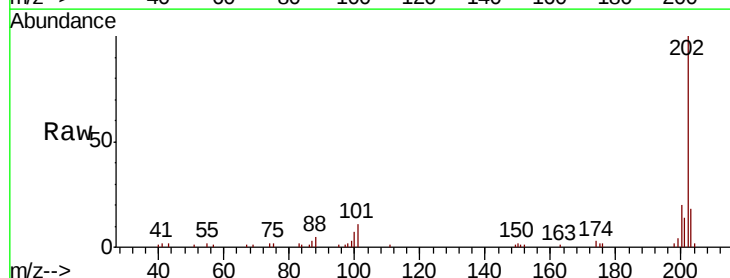


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

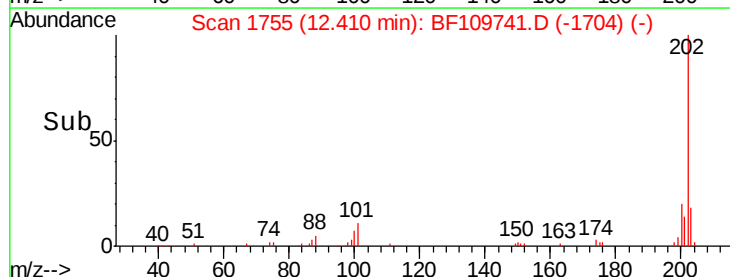
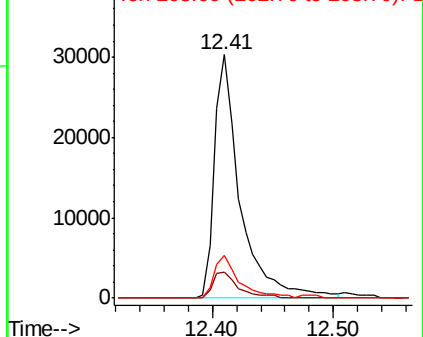


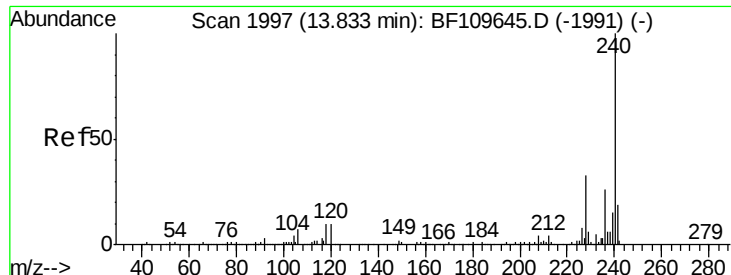
#74
Fluoranthene
Concen: 2.629 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Tgt Ion:202 Resp: 44400
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 17.8 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109741.D

Acq: 10 Oct 2018 14:41

Instrument :

BNA_F

ClientSampleId :

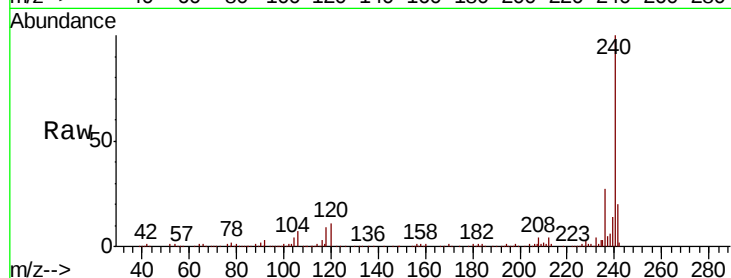
Tot Ion:240 Resp: 288797

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

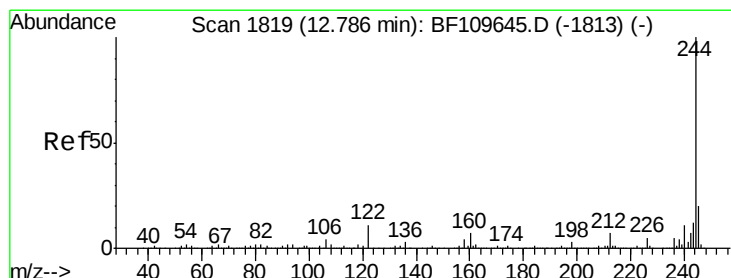
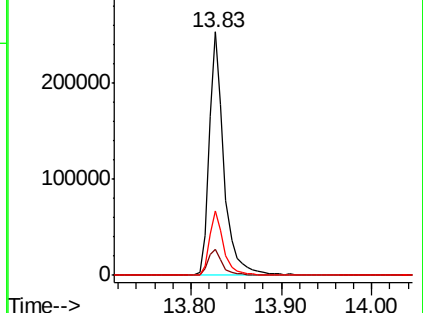
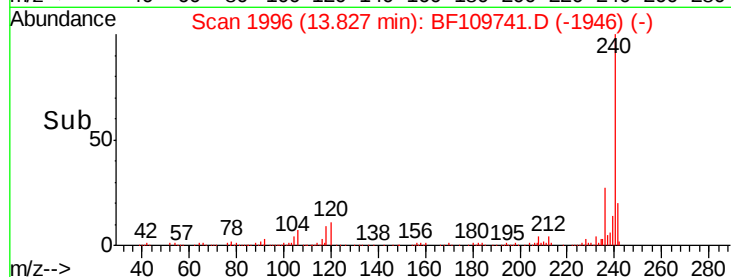
236 26.7 21.2 31.8



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: 72.234 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109741.D

Acq: 10 Oct 2018 14:41

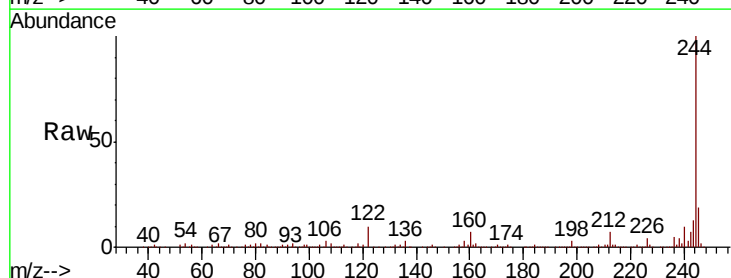
Tgt Ion:244 Resp: 1077621

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

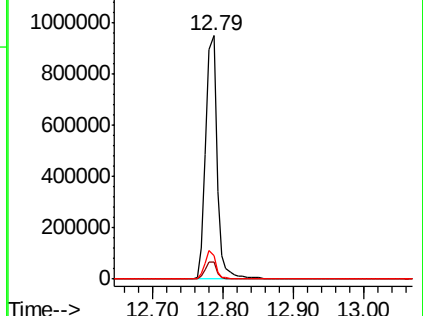
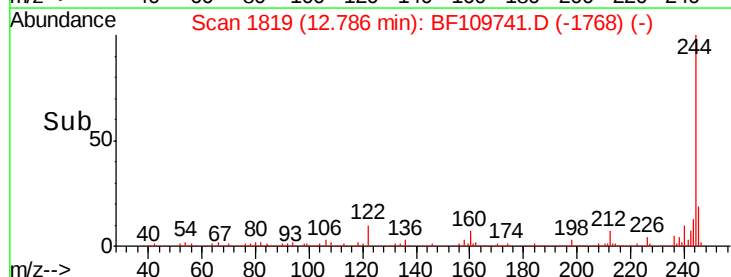
122 9.8 8.7 13.1

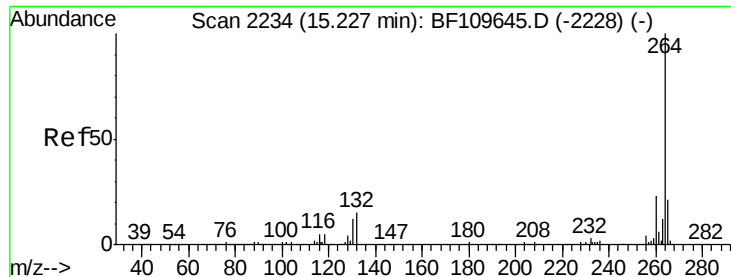


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

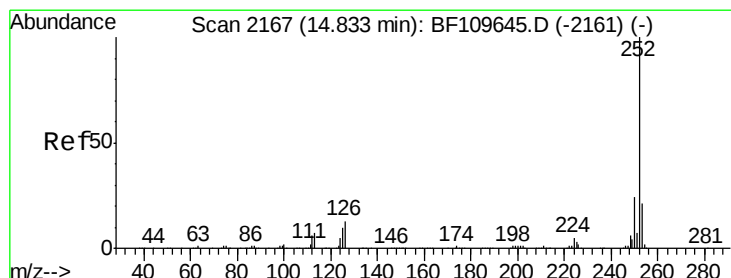
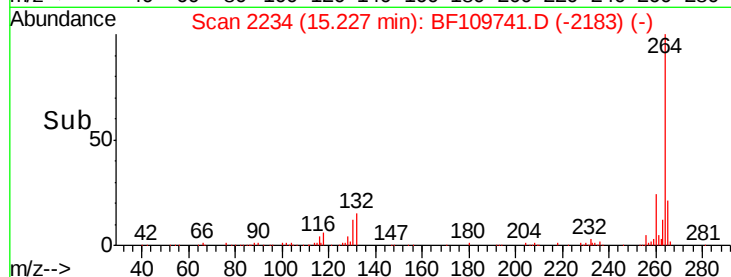
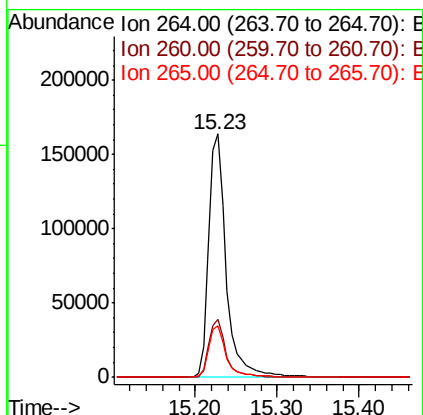
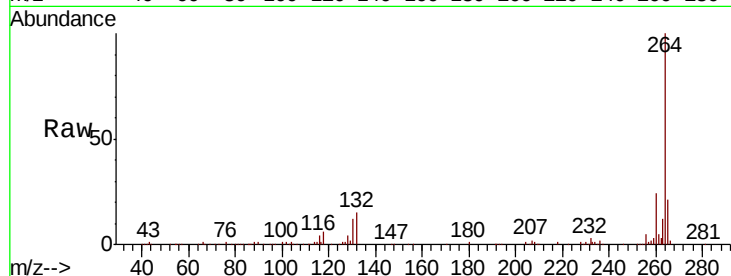




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

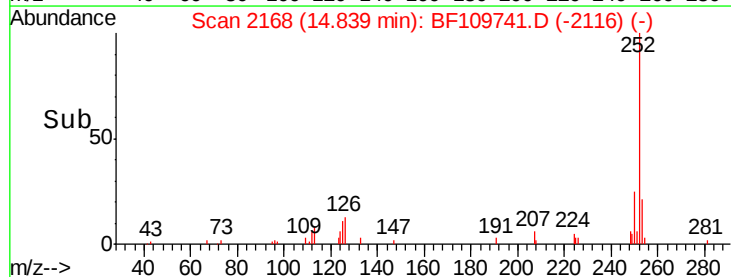
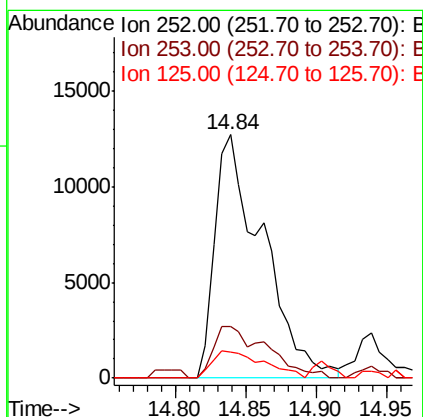
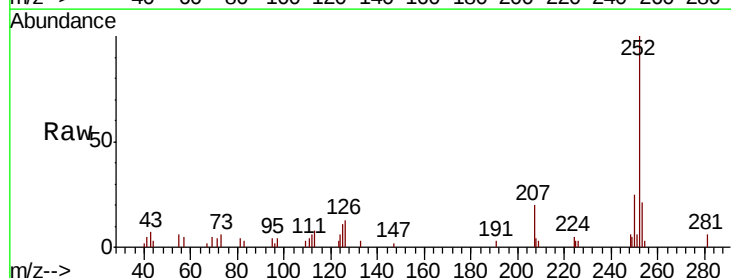
Instrument :
BNA_F
ClientSampleId :

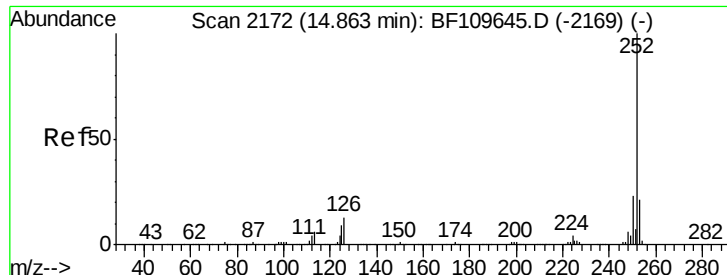
Tot Ion:264 Resp: 243139
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.2 16.7 25.1



#87
Benzo(b)fluoranthene
Concen: 2.237 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109741.D
Acq: 10 Oct 2018 14:41

Tgt Ion:252 Resp: 30062
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 10.5 8.2 12.4

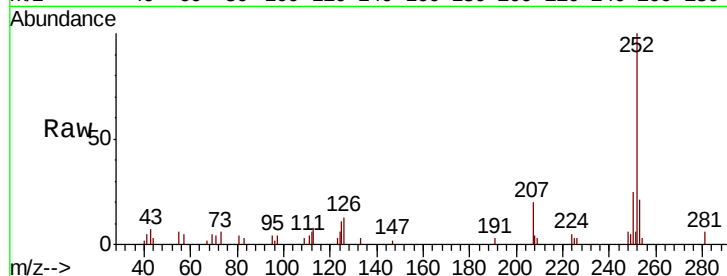




#88
 Benzo(k)fluoranthene
 Concen: 2.227 ng
 RT: 14.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BF109741.D
 Acq: 10 Oct 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	10.5	7.4	11.0



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

