

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109790.D
 Acq On : 11 Oct 2018 16:47
 Operator : JU/SJ
 Sample : J5394-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 17:47:27 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

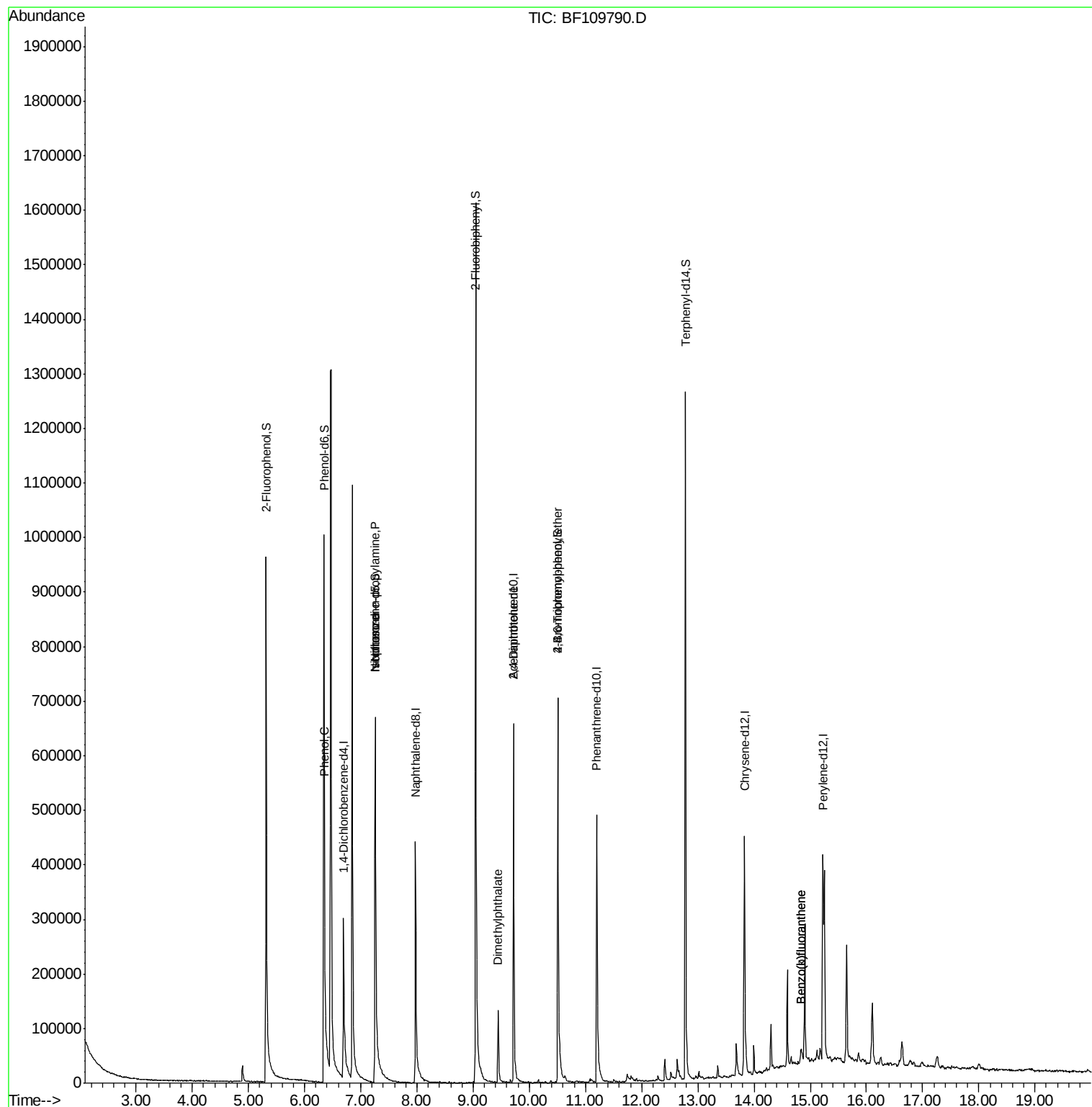
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	75383	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	309744	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	150132	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	277408	20.00	ng	0.00
75) Chrysene-d12	13.83	240	192198	20.00	ng	0.00
86) Perylene-d12	15.23	264	217644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	398632	93.87	ng	0.00
7) Phenol-d6	6.35	99	573855	101.15	ng	-0.01
23) Nitrobenzene-d5	7.26	82	377227	67.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	123250	75.34	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	671988	61.65	ng	-0.01
78) Terphenyl-d14	12.78	244	498222	50.18	ng	0.00
Target Compounds						
10) Phenol	6.36	94	13970	2.147	ng	# 78
19) n-Nitroso-di-n-propylamine	7.26	70	47900	12.040	ng	# 76
25) Isophorone	7.26	82	381268	40.861	ng	# 67
49) Dimethylphthalate	9.45	163	74376	6.755	ng	# 99
56) 2,4-Dinitrotoluene	9.72	165	18234	6.122	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	7103	2.228	ng	# 1
87) Benzo(b)fluoranthene	14.84	252	24730	2.056	ng	# 94
88) Benzo(k)fluoranthene	14.84	252	24730	2.046	ng	# 93

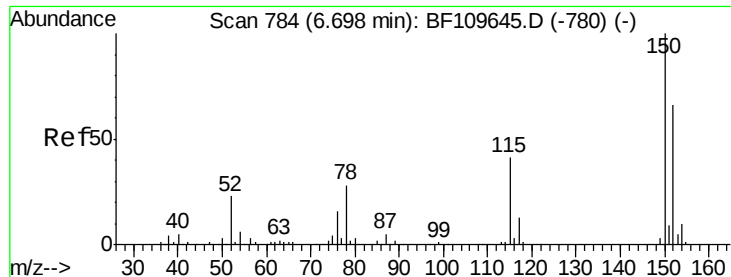
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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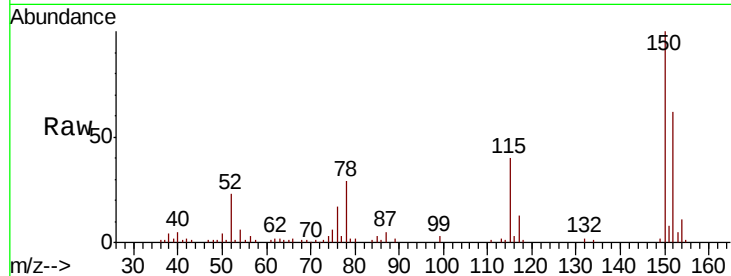


#1

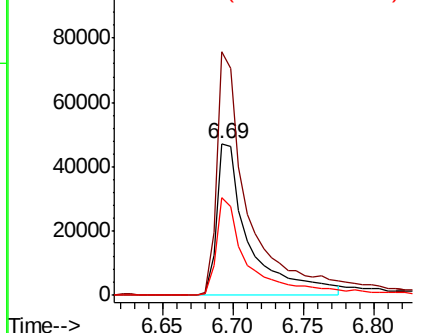
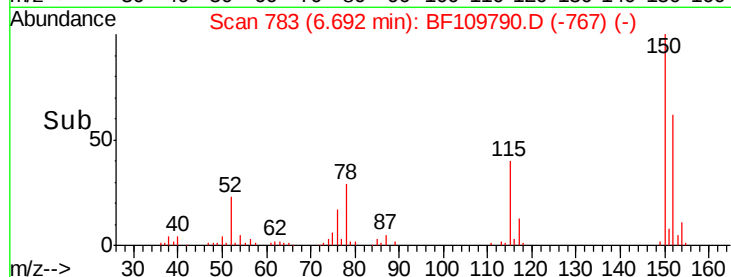
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109790.D
Acq: 11 Oct 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75383
Ion Ratio Lower Upper
152 100
150 160.7 122.7 184.1
115 64.5 49.1 73.7



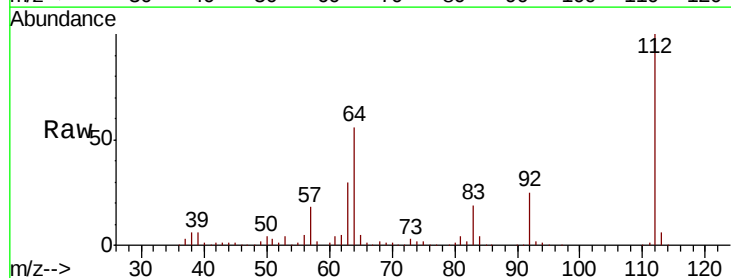
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



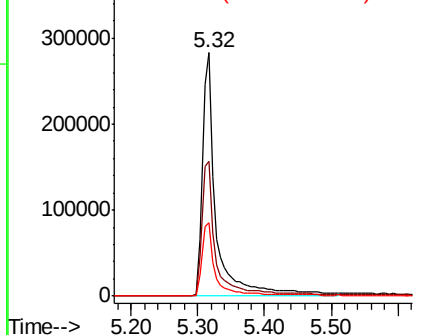
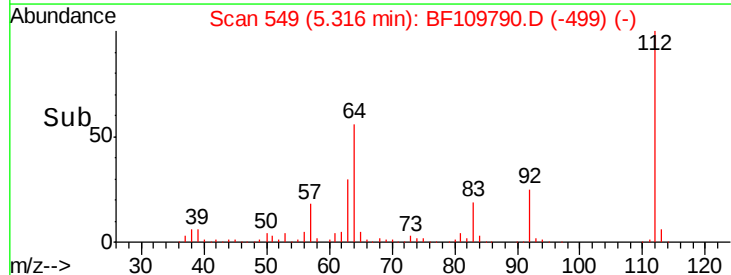
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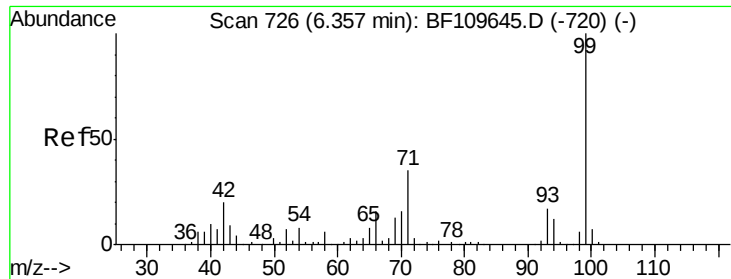
2-Fluorophenol
Concen: 93.865 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109790.D
Acq: 11 Oct 2018 16:47

Tgt Ion:112 Resp: 398632
Ion Ratio Lower Upper
112 100
64 55.6 44.1 66.1
63 30.3 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: 101.150 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109790.D

Acq: 11 Oct 2018 16:47

Instrument :

BNA_F

ClientSampled :

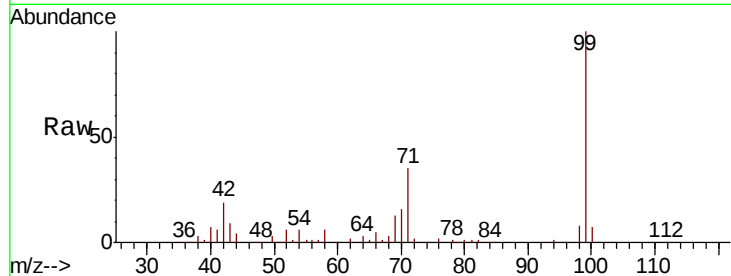
Tot Ion: 99 Resp: 573855

Ion Ratio Lower Upper

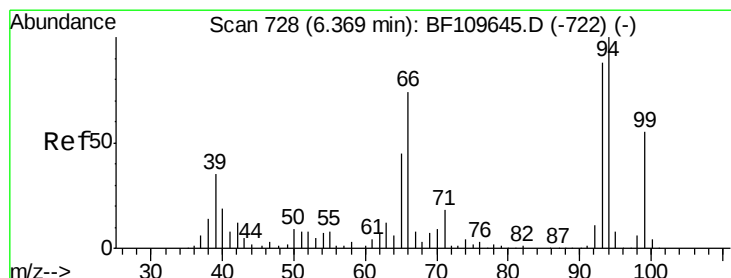
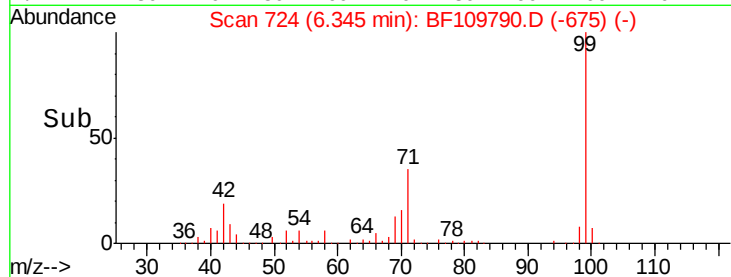
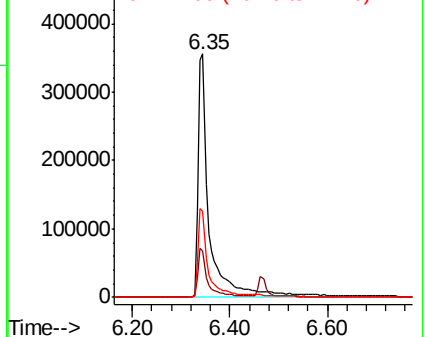
99 100

42 18.9 15.8 23.6

71 35.4 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: 2.147 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109790.D

Acq: 11 Oct 2018 16:47

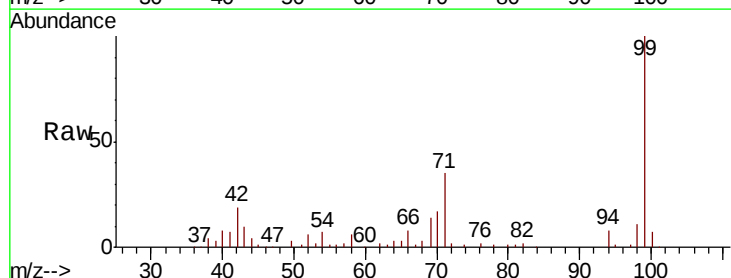
Tgt Ion: 94 Resp: 13970

Ion Ratio Lower Upper

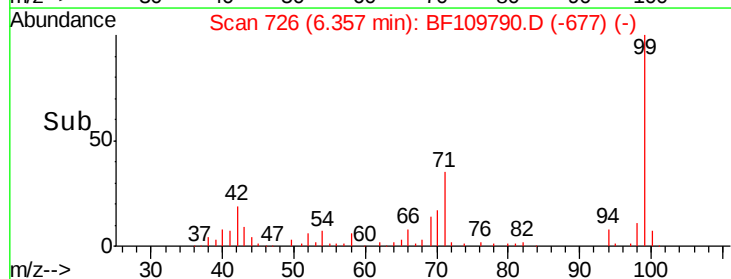
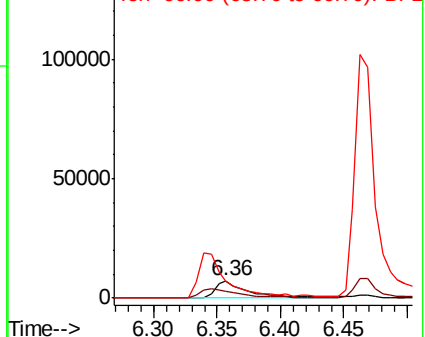
94 100

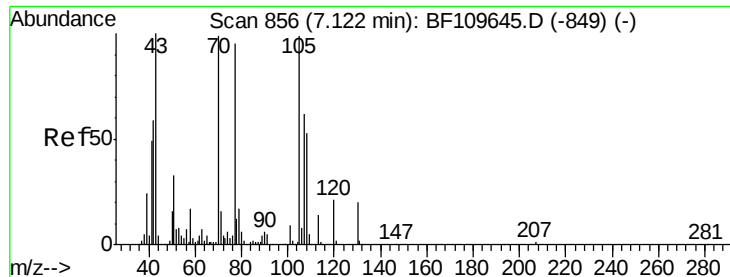
65 40.8 25.3 65.3

66 101.0 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

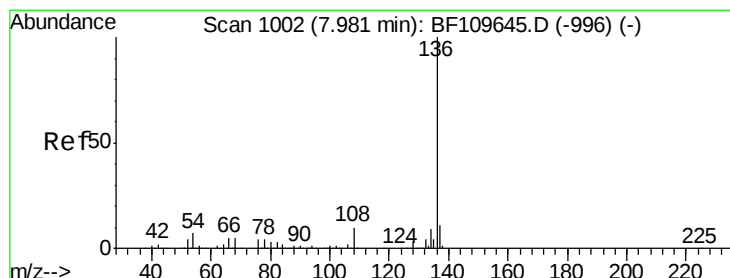
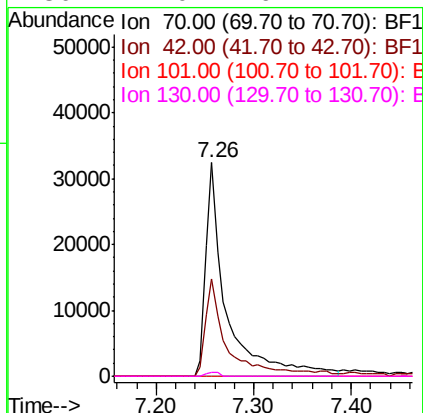
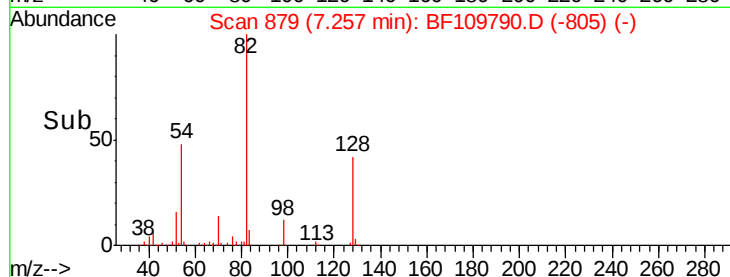
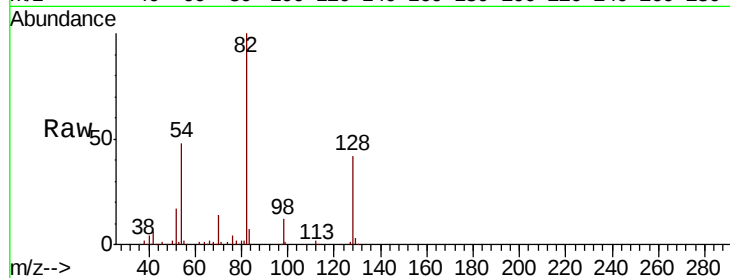




#19
n-Nitroso-di-n-propylamine
Concen: 12.040 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109790.D
Acq: 11 Oct 2018 16:47

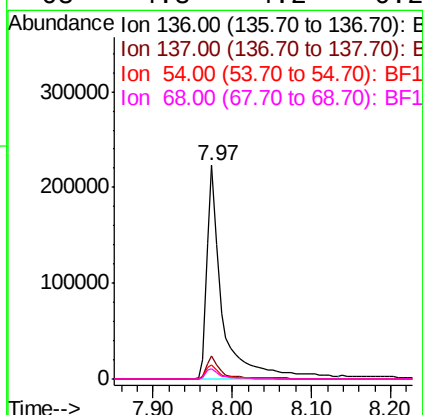
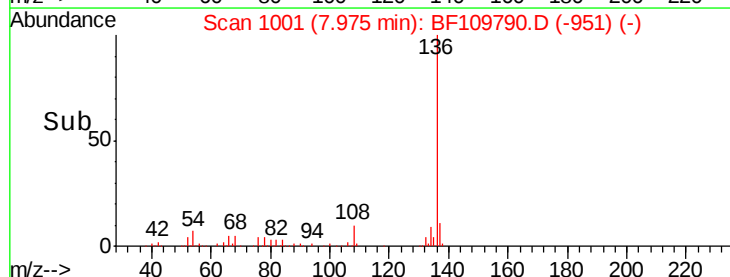
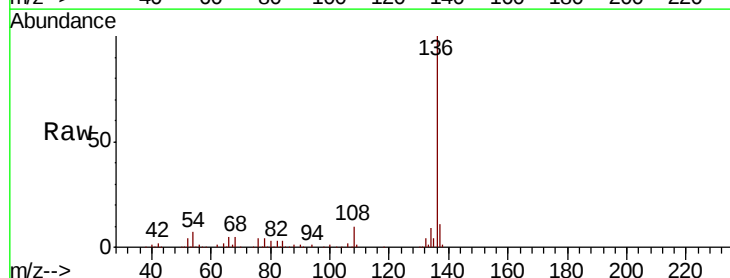
Instrument :
BNA_F
ClientSampled :

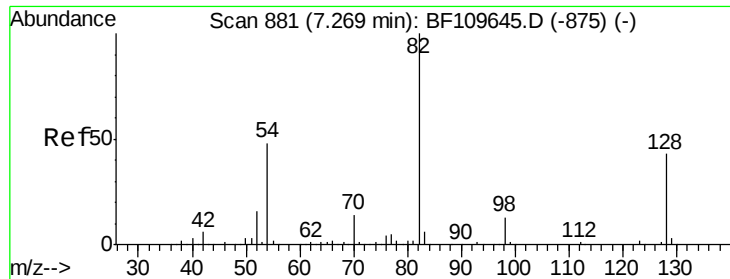
Tot Ion: 70 Resp: 47900
Ion Ratio Lower Upper
70 100
42 45.4 47.4 71.2#
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109790.D
Acq: 11 Oct 2018 16:47

Tgt Ion: 136 Resp: 309744
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.7 5.4 8.2
68 4.8 4.2 6.2

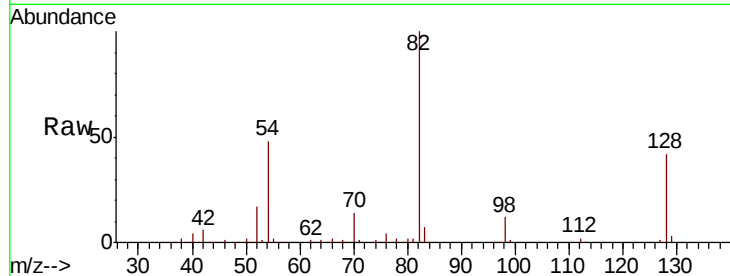




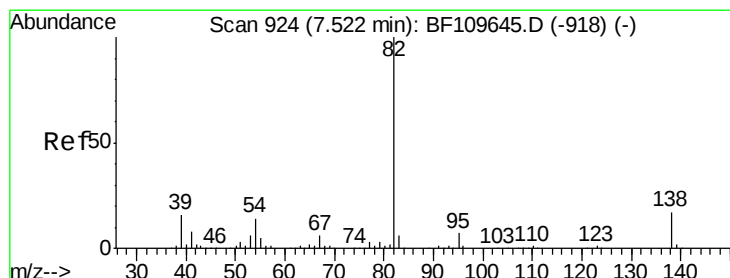
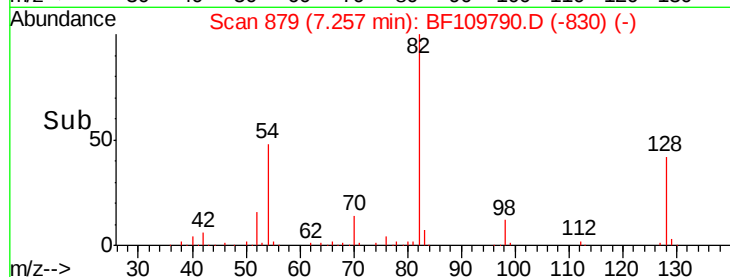
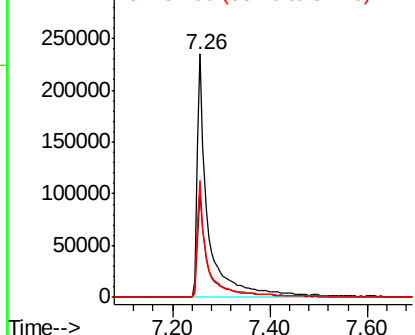
#23
 Nitrobenzene-d5
 Concen: 67.133 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109790.D
 Acq: 11 Oct 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 377227
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.2 51.2
 54 48.1 38.6 58.0

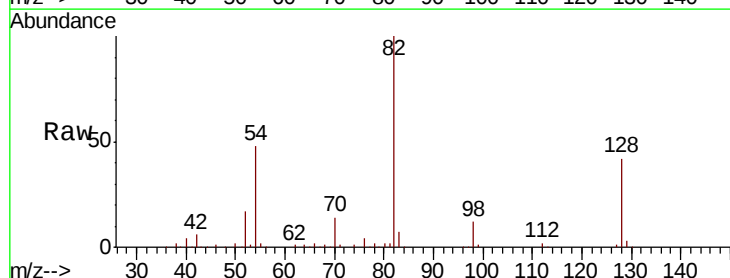


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

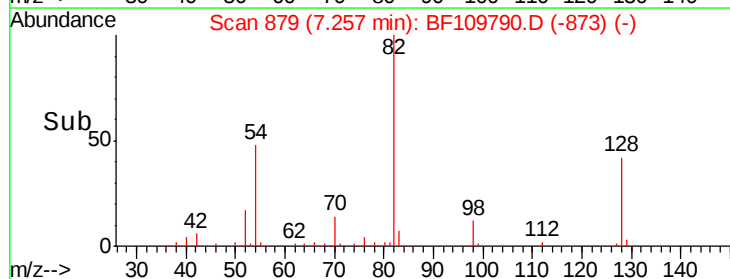
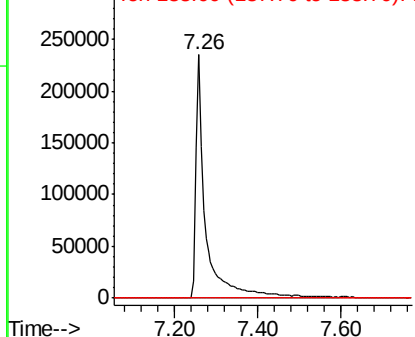


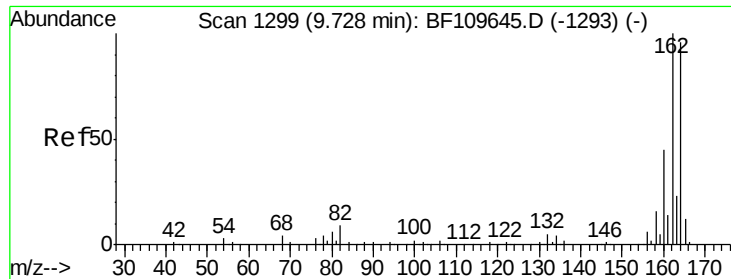
#25
 Isophorone
 Concen: 40.861 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109790.D
 Acq: 11 Oct 2018 16:47

Tgt Ion: 82 Resp: 381268
 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

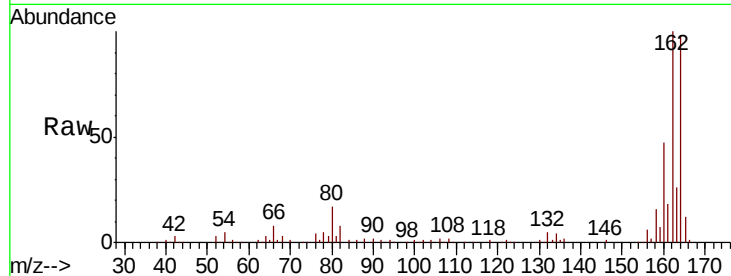




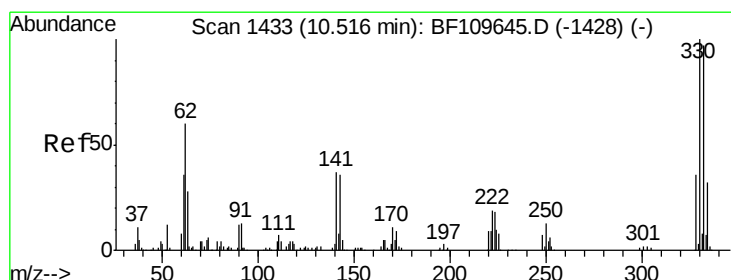
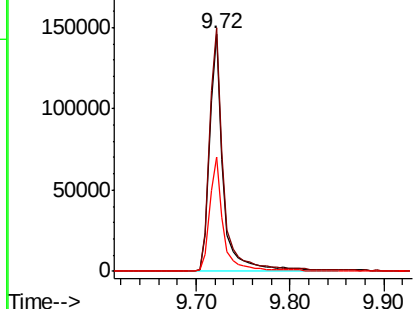
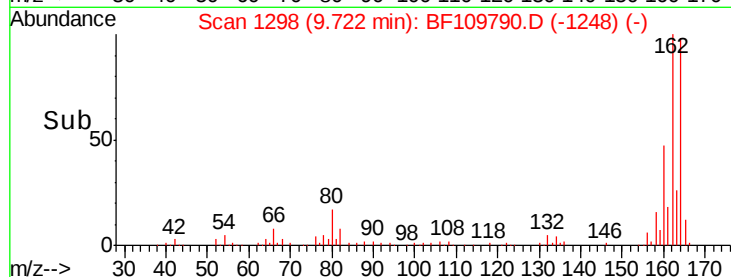
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109790.D
 Acq: 11 Oct 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 150132
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.0 124.6
 160 48.2 37.0 55.6

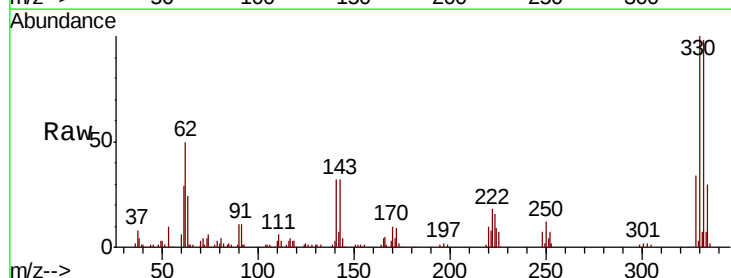


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

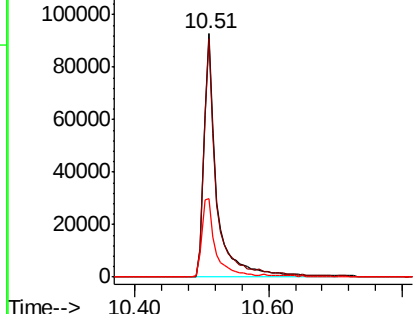
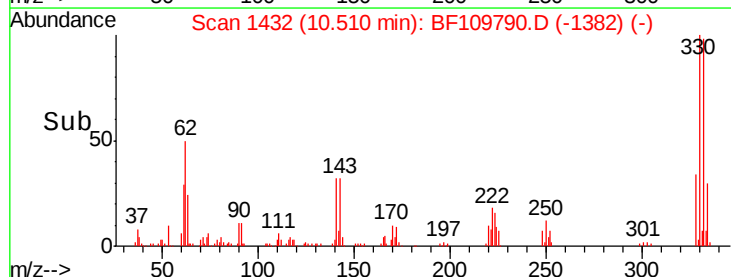


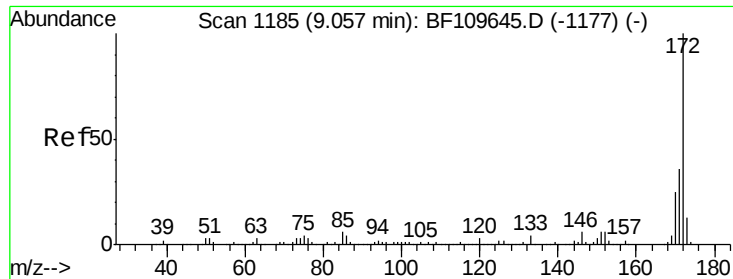
#41
 2,4,6-Tribromophenol
 Concen: 75.343 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109790.D
 Acq: 11 Oct 2018 16:47

Tgt Ion:330 Resp: 123250
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.1 115.7
 141 36.0 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

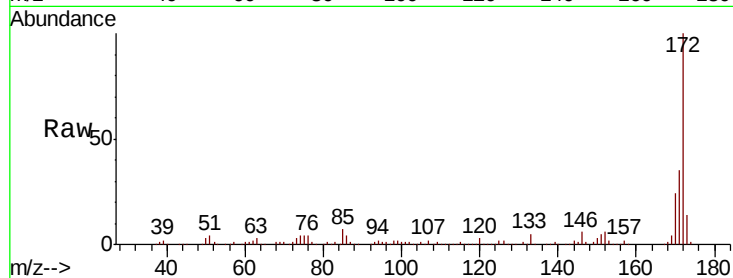




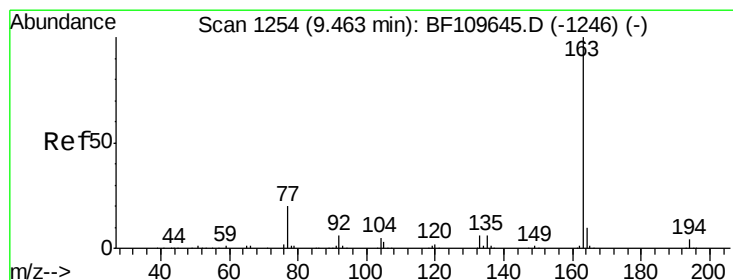
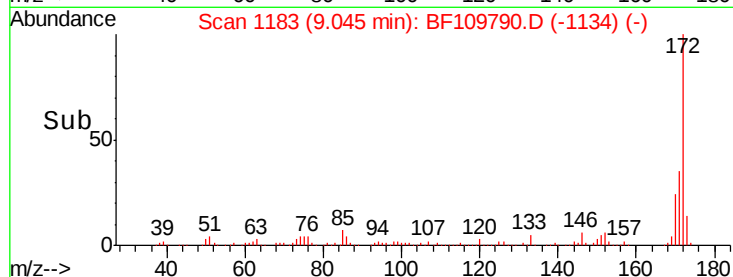
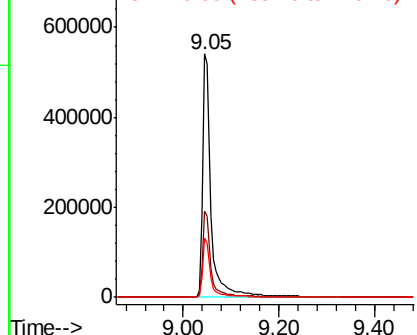
#44
2-Fluorobiphenyl
Concen: 61.646 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF109790.D
Acq: 11 Oct 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 671988
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.3 19.7 29.5

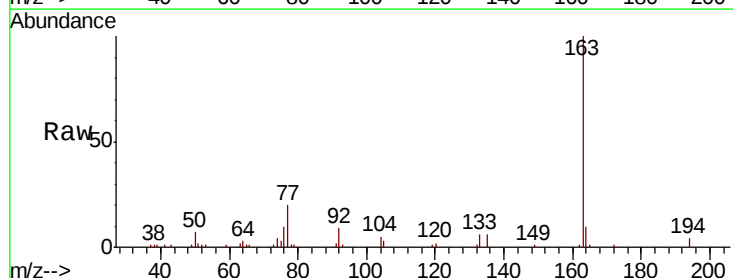


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

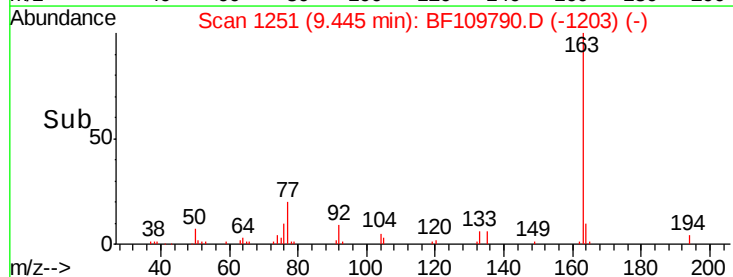
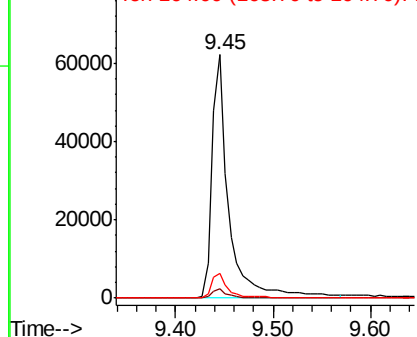


#49
Dimethylphthalate
Concen: 6.755 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109790.D
Acq: 11 Oct 2018 16:47

Tgt Ion:163 Resp: 74376
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 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

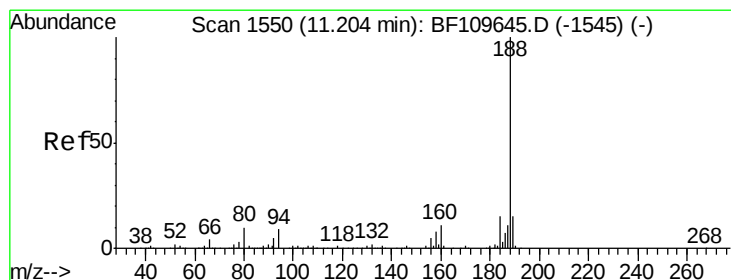
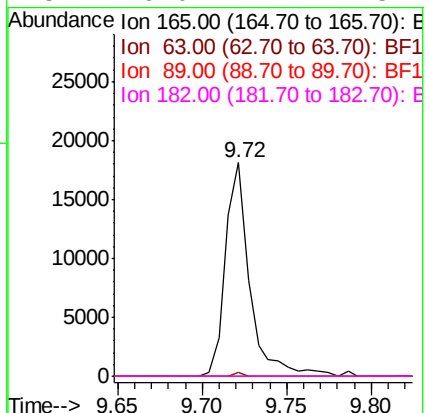
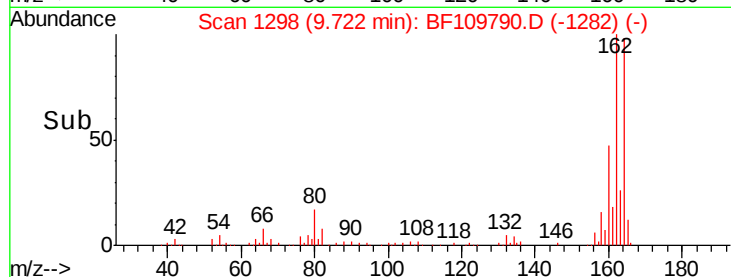
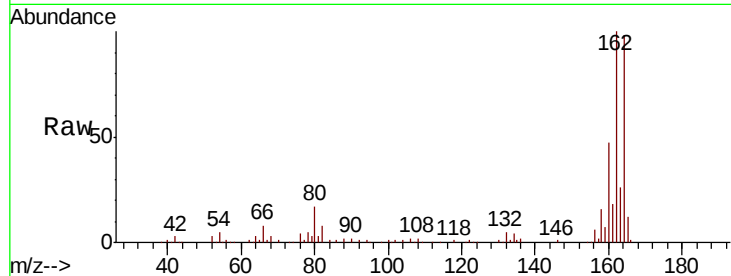




#56
 2,4-Dinitrotoluene
 Concen: 6.122 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109790.D
 Acq: 11 Oct 2018 16:47

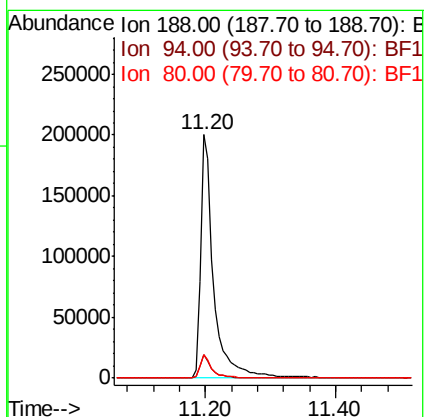
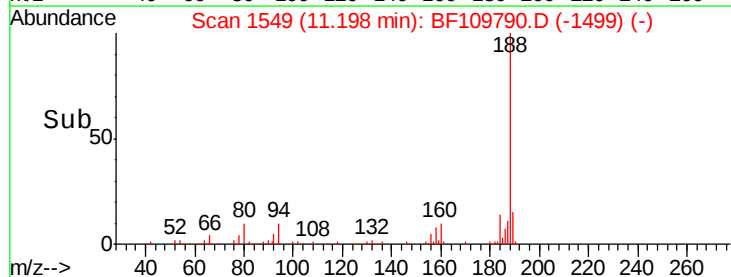
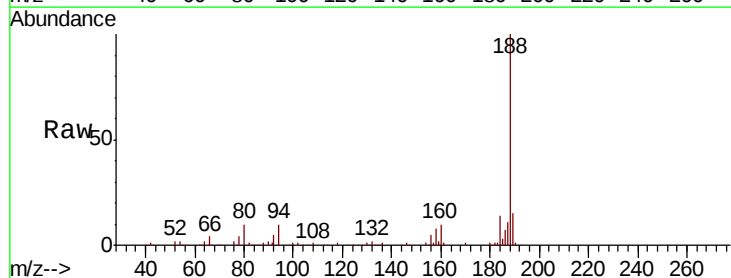
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 18234
 Ion Ratio Lower Upper
 165 100
 63 1.8 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# 1549
 Delta R.T. -0.01 min
 Lab File: BF109790.D
 Acq: 11 Oct 2018 16:47

Tgt Ion:188 Resp: 277408
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.2 10.8
 80 9.8 7.9 11.9

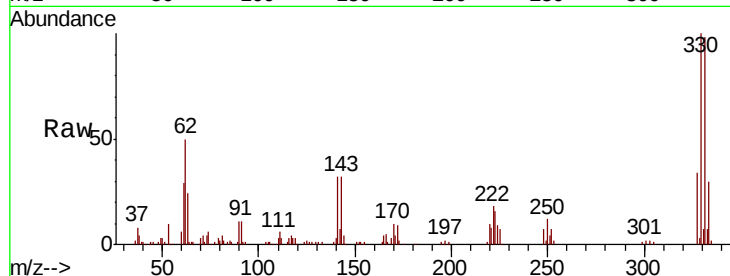




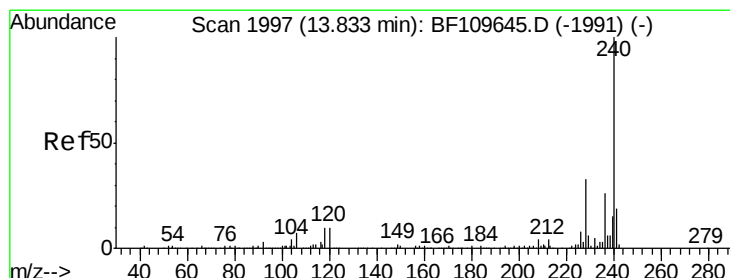
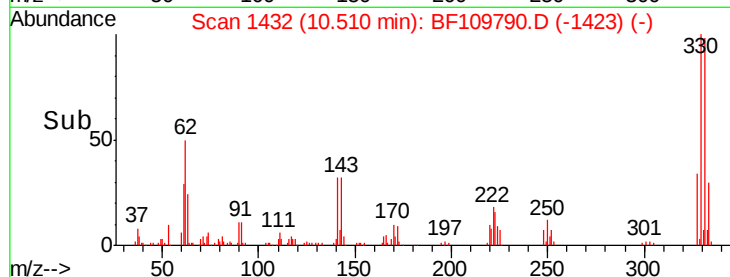
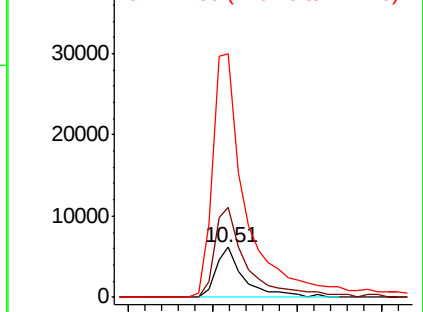
#66
4-Bromophenyl-phenylether
Concen: 2.228 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109790.D
Acq: 11 Oct 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7103
Ion Ratio Lower Upper
248 100
250 180.5 79.4 119.2#
141 486.4 55.9 83.9#

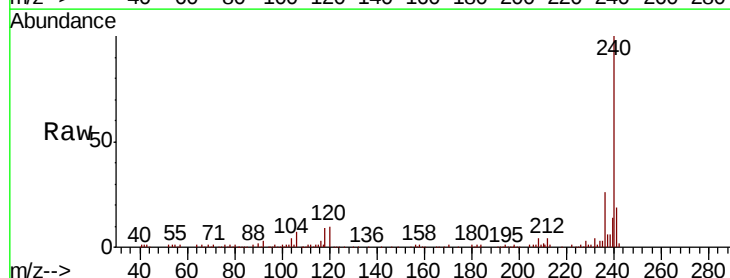


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

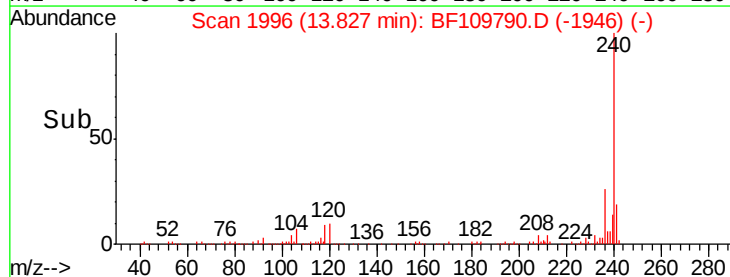
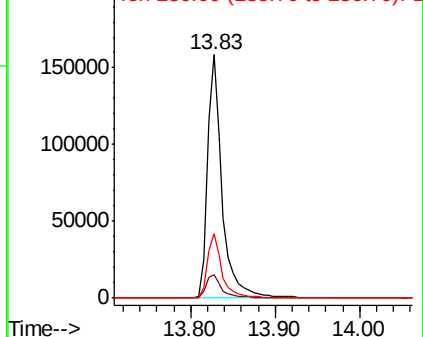


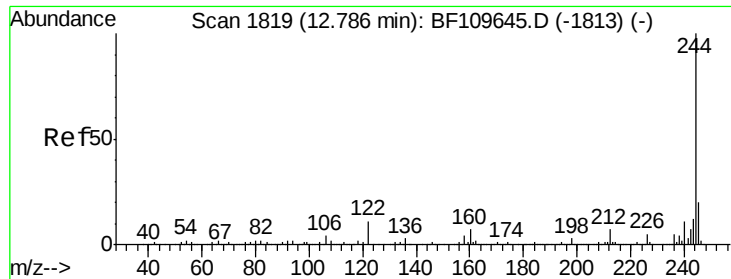
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109790.D
Acq: 11 Oct 2018 16:47

Tgt Ion:240 Resp: 192198
Ion Ratio Lower Upper
240 100
120 9.9 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: 50.181 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109790.D

Acq: 11 Oct 2018 16:47

Instrument :

BNA_F

ClientSampleId :

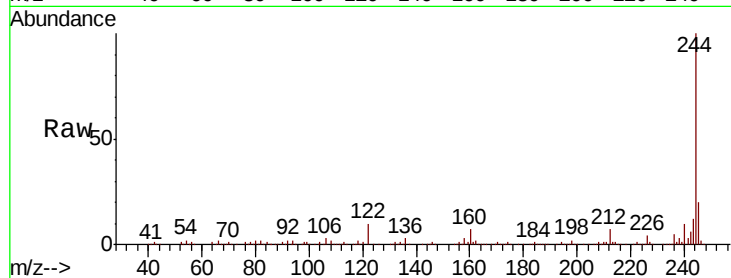
Tot Ion:244 Resp: 498222

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

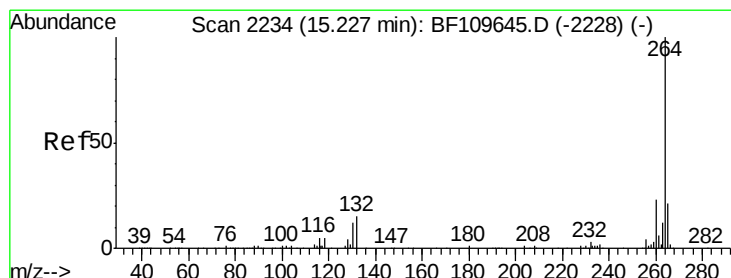
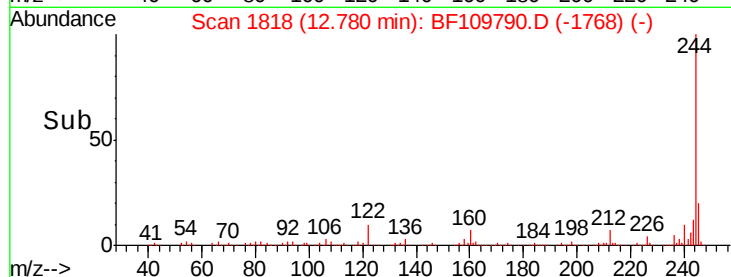
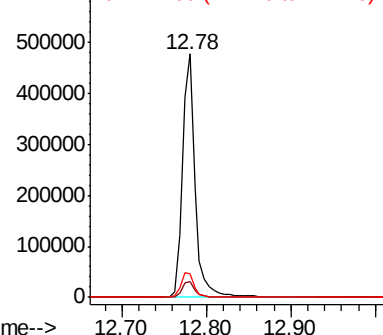
122 9.5 8.7 13.1



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: BF109790.D

Acq: 11 Oct 2018 16:47

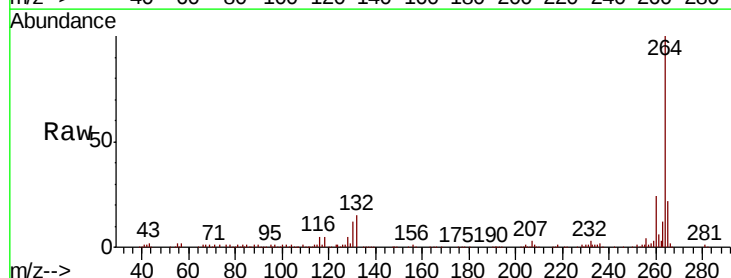
Tgt Ion:264 Resp: 217644

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

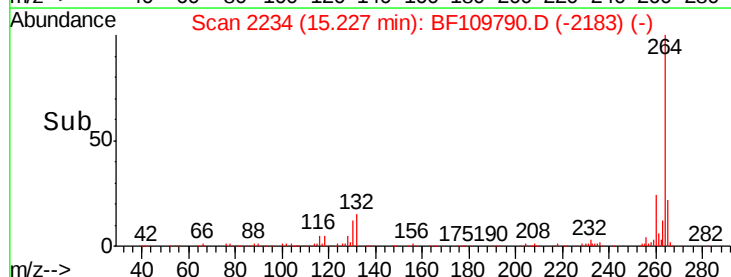
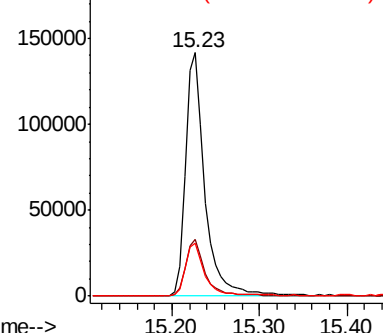
265 21.6 16.7 25.1

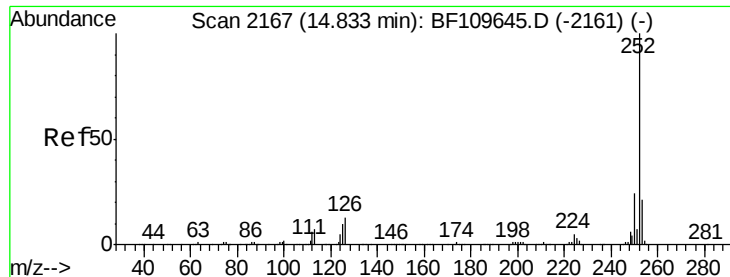


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

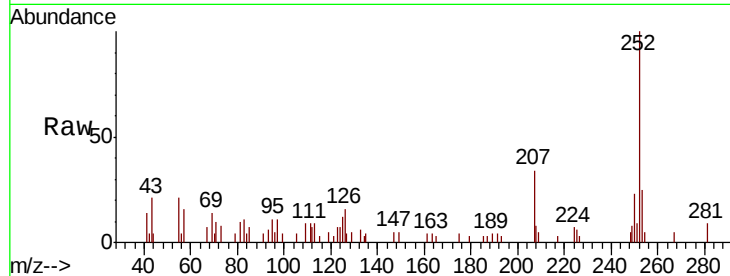




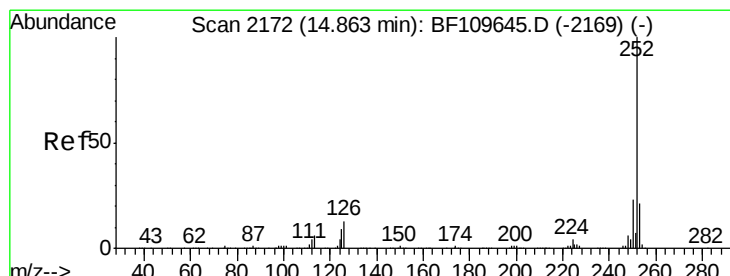
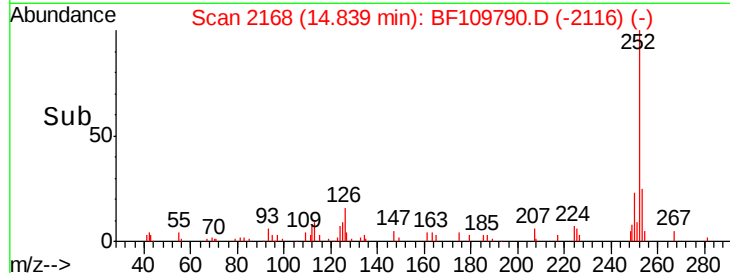
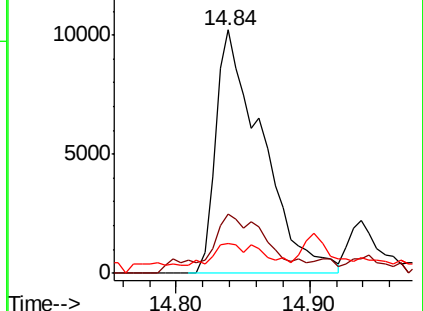
#87
Benzo(b)fluoranthene
Concen: 2.056 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109790.D
Acq: 11 Oct 2018 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 24730
Ion Ratio Lower Upper
252 100
253 24.6 17.2 25.8
125 12.1 8.2 12.4

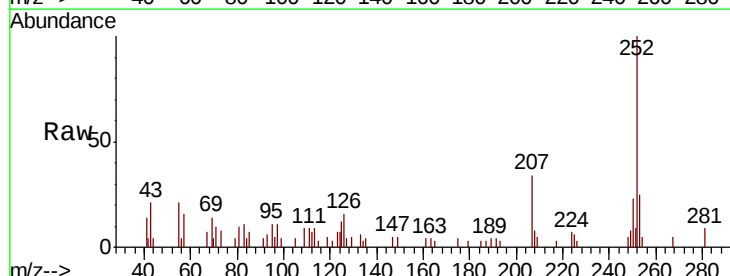


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.046 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF109790.D
Acq: 11 Oct 2018 16:47

Tgt Ion:252 Resp: 24730
Ion Ratio Lower Upper
252 100
253 24.6 17.2 25.8
125 12.1 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

