

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110496.D
 Acq On : 6 Nov 2018 6:16
 Operator : JU/SJ
 Sample : J5810-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 09:39:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

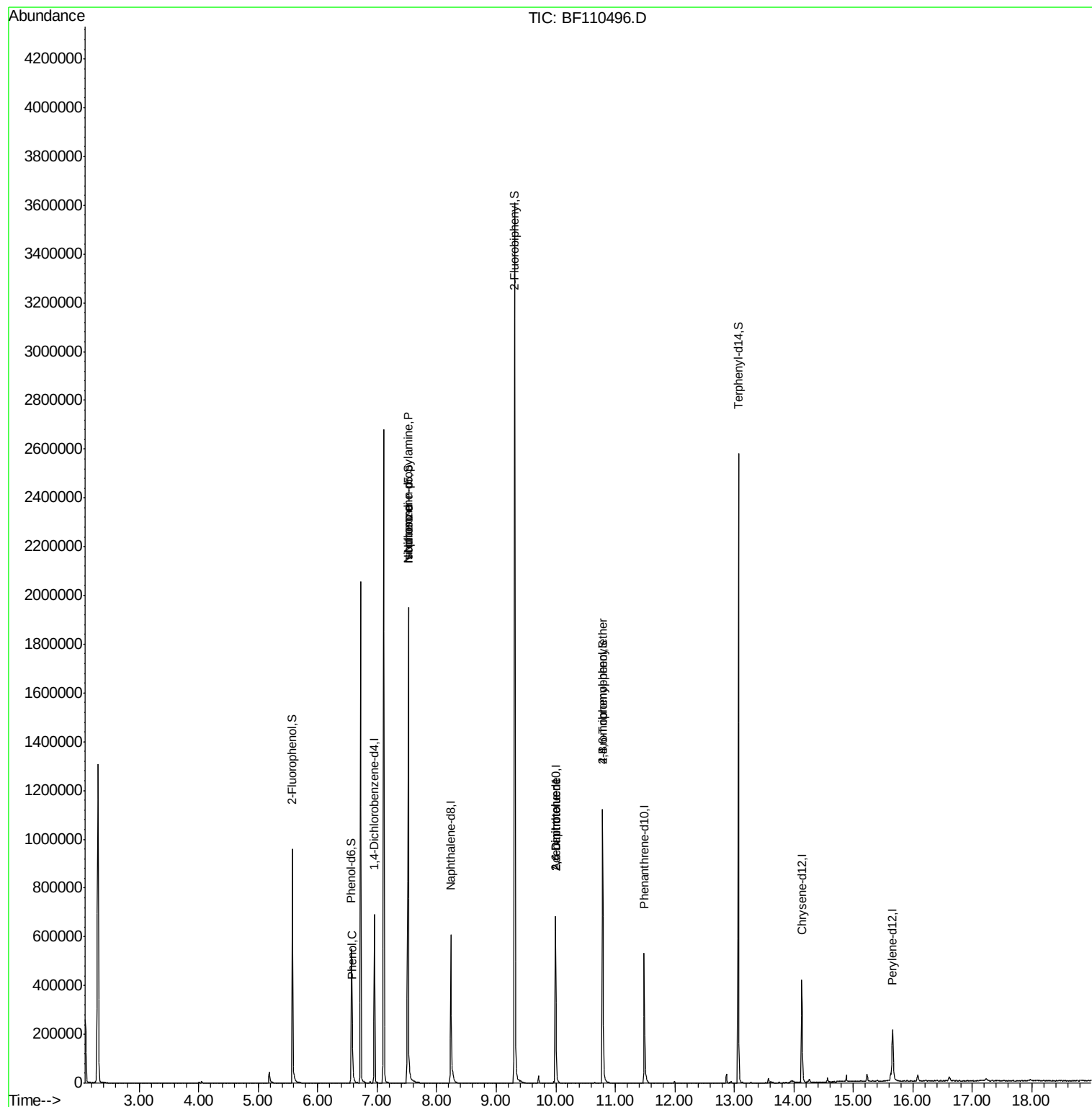
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	98618	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	384112	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	164571	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	257036	20.00	ng	0.00
76) Chrysene-d12	14.13	240	173623	20.00	ng	0.00
87) Perylene-d12	15.66	264	133172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	268088	44.27	ng	0.00
7) Phenol-d6	6.57	99	210646	27.19	ng	-0.01
23) Nitrobenzene-d5	7.52	82	709233	109.52	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	142581	87.46	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1253771	119.63	ng	0.00
79) Terphenyl-d14	13.07	244	852994	102.17	ng	0.00
Target Compounds						
10) Phenol	6.59	94	25873	3.125	ng	# 67
19) n-Nitroso-di-n-propylamine	7.52	70	93978	18.911	ng	# 79
25) Isophorone	7.52	82	709229	64.247	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	21378	8.170	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	21378	6.432	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	9051	3.246	ng	# 1

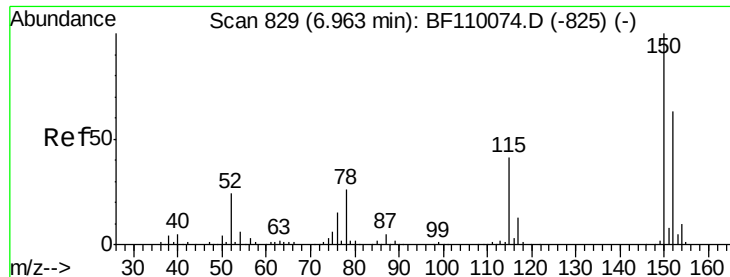
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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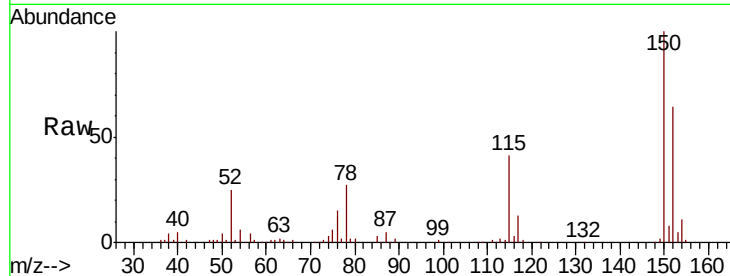


#1

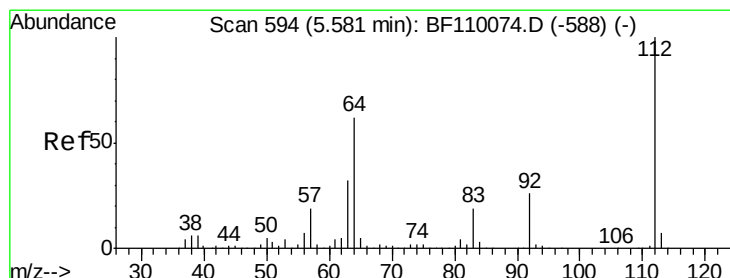
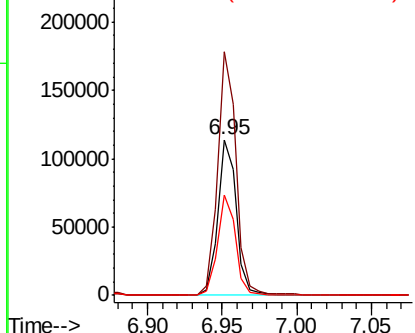
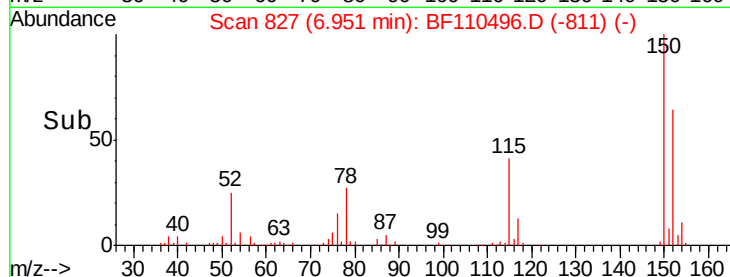
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110496.D
Acq: 6 Nov 2018 6:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98618
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 64.8 49.1 73.7



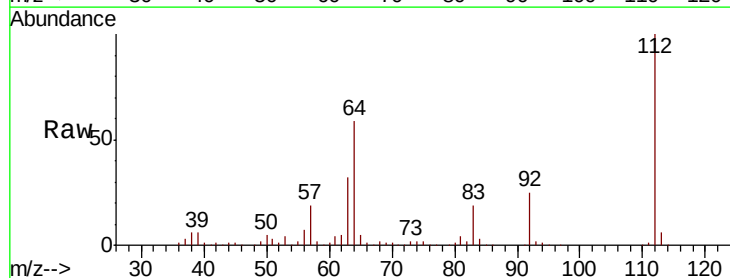
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



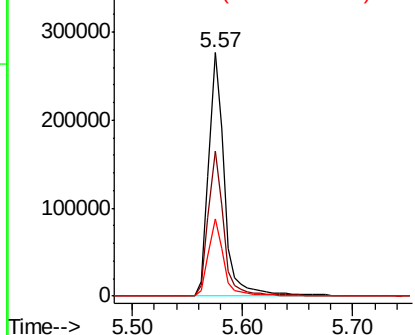
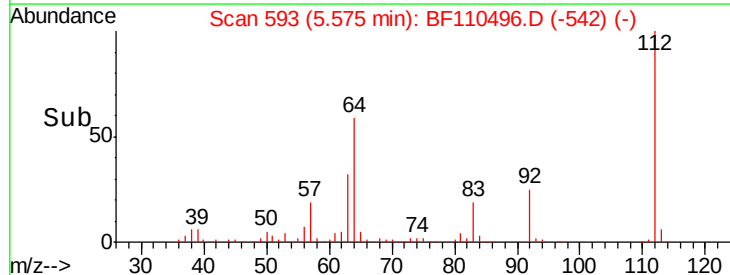
#5

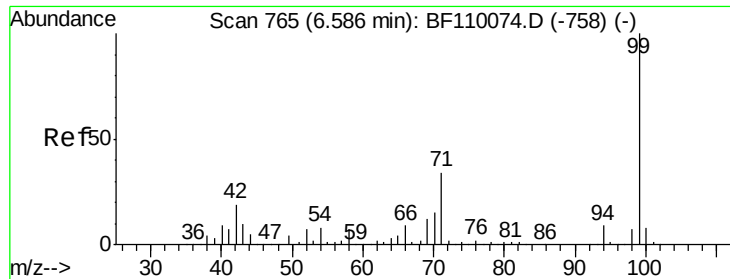
2-Fluorophenol
Concen: 44.269 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF110496.D
Acq: 6 Nov 2018 6:16

Tgt Ion:112 Resp: 268088
Ion Ratio Lower Upper
112 100
64 59.3 44.1 66.1
63 31.5 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: 27.194 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110496.D

Acq: 6 Nov 2018 6:16

Instrument :

BNA_F

ClientSampled :

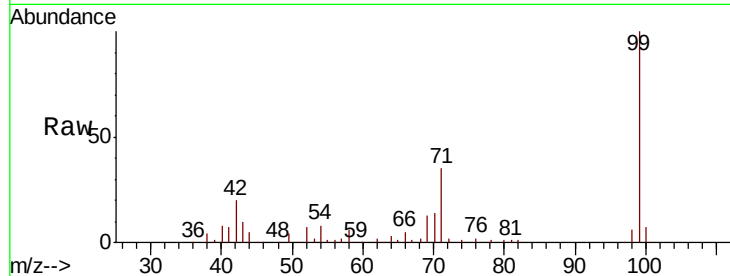
Tot Ion: 99 Resp: 210646

Ion Ratio Lower Upper

99 100

42 20.3 15.8 23.6

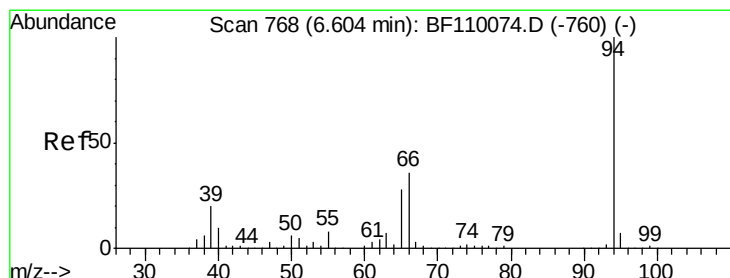
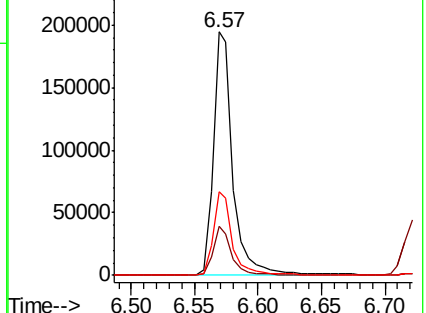
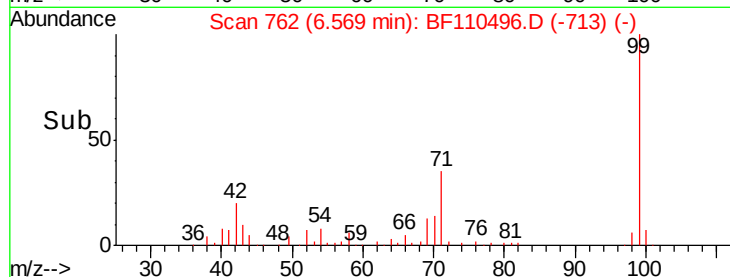
71 34.6 28.0 42.0



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: 3.125 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110496.D

Acq: 6 Nov 2018 6:16

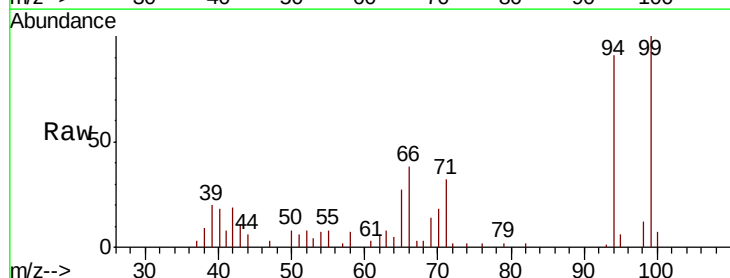
Tgt Ion: 94 Resp: 25873

Ion Ratio Lower Upper

94 100

65 29.6 25.3 65.3

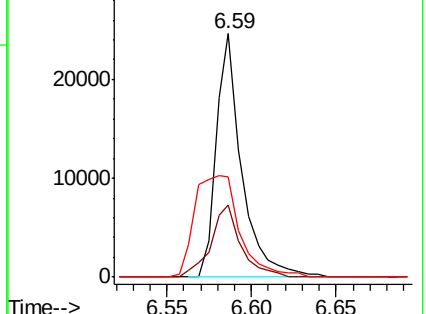
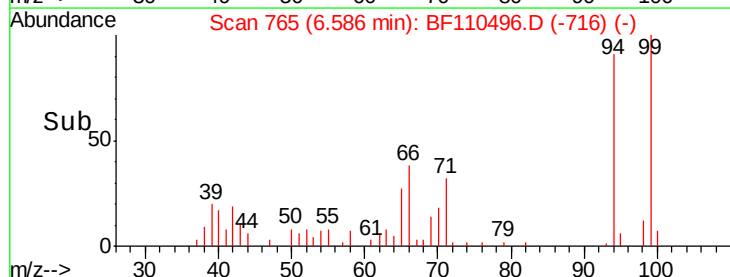
66 41.4 54.5 94.5#

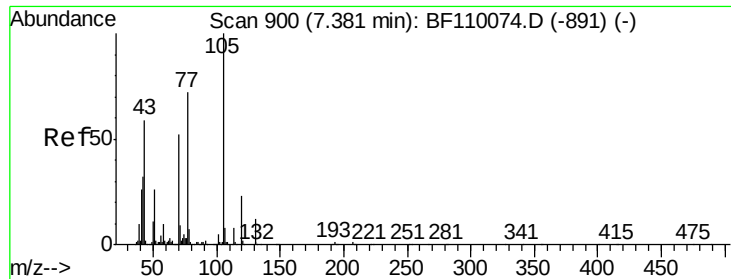


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

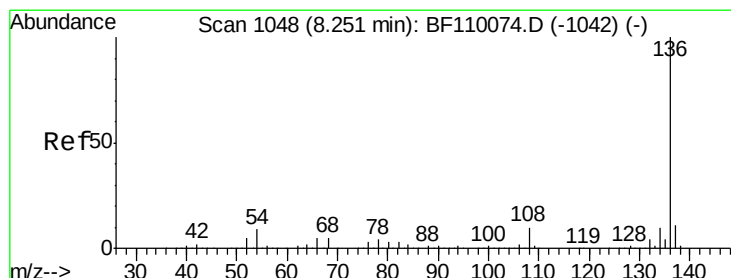
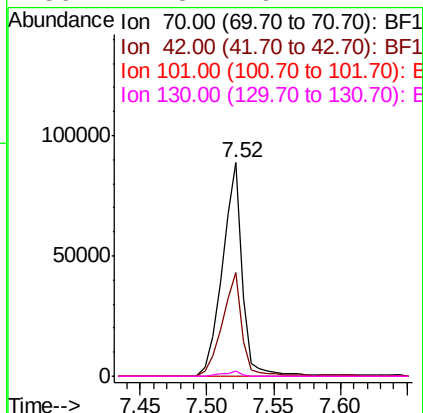
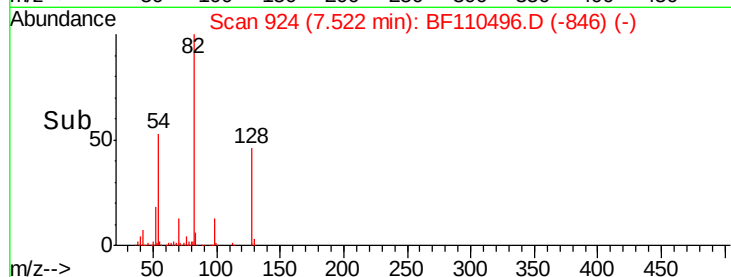
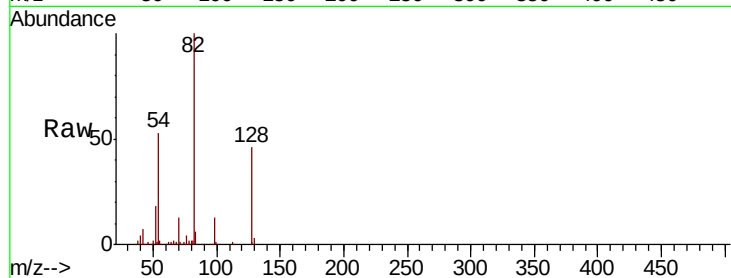




#19
n-Nitroso-di-n-propylamine
Concen: 18.911 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110496.D
Acq: 6 Nov 2018 6:16

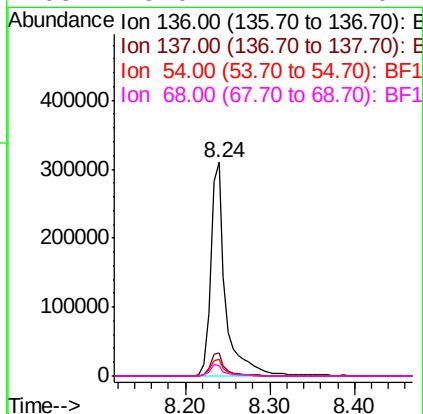
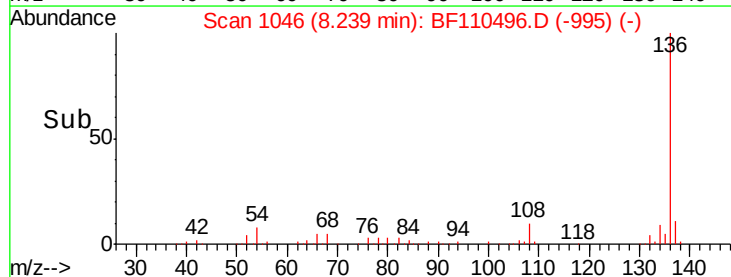
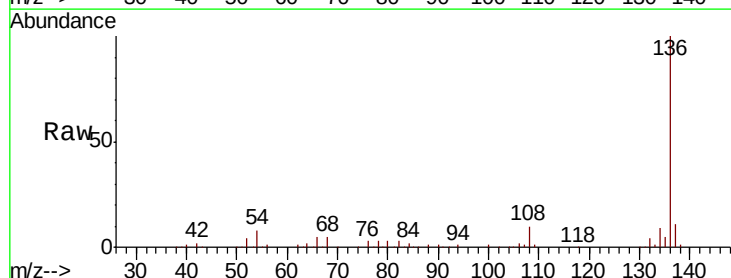
Instrument :
BNA_F
ClientSampleId :

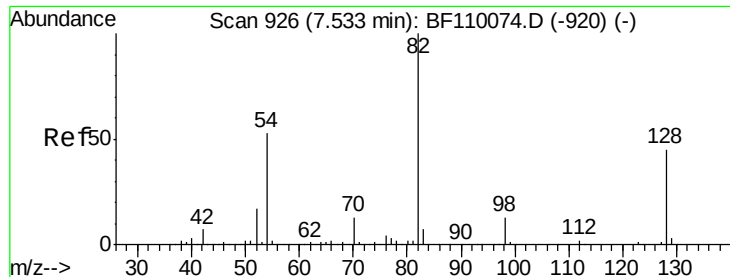
Tot Ion: 70 Resp: 93978
Ion Ratio Lower Upper
70 100
42 48.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110496.D
Acq: 6 Nov 2018 6:16

Tgt Ion: 136 Resp: 384112
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 5.4 8.2
68 5.0 4.2 6.2

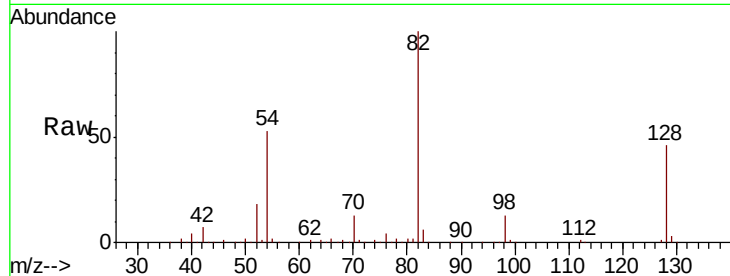




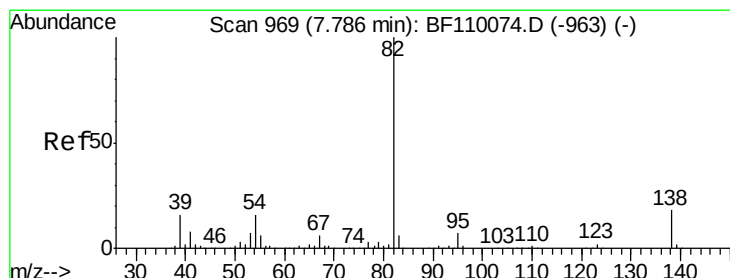
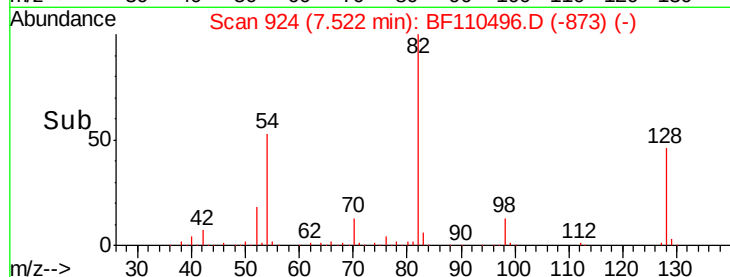
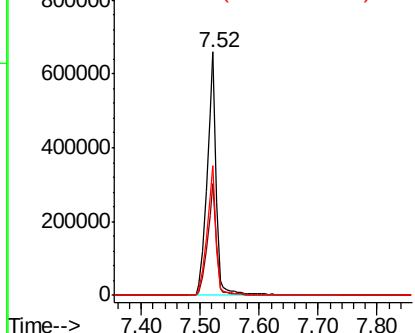
#23
 Nitrobenzene-d5
 Concen: 109.517 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF110496.D
 Acq: 6 Nov 2018 6:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 709233
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.2 51.2
 54 53.2 38.6 58.0

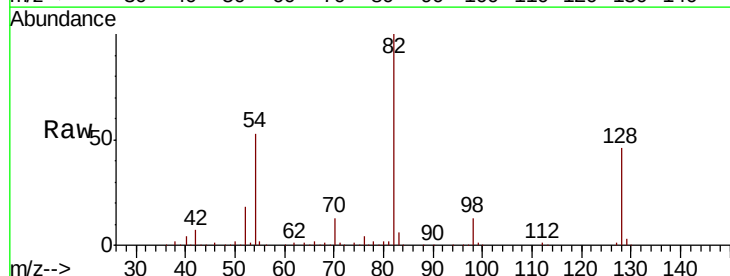


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

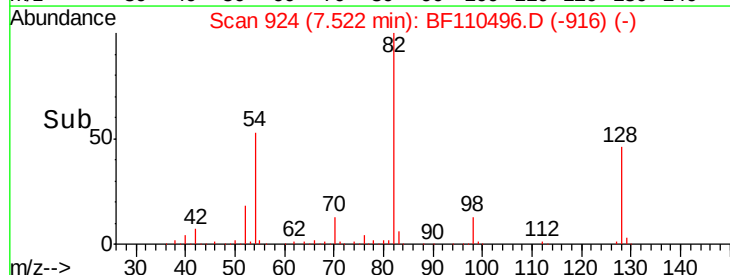
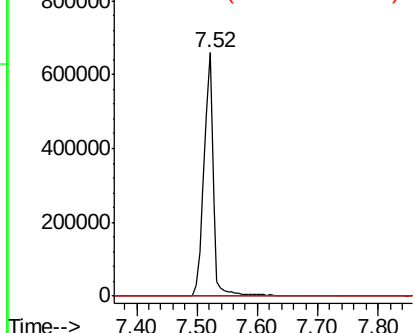


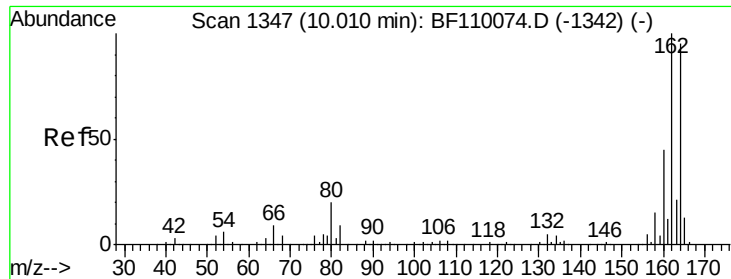
#25
 Isophorone
 Concen: 64.247 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF110496.D
 Acq: 6 Nov 2018 6:16

Tgt Ion: 82 Resp: 709229
 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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF110496.D

Acq: 6 Nov 2018 6:16

Instrument :

BNA_F

ClientSampleId :

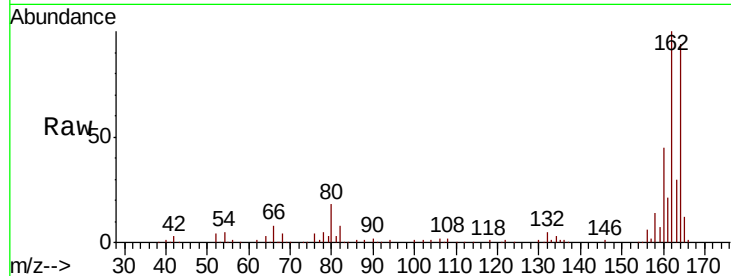
Tot Ion:164 Resp: 164571

Ion Ratio Lower Upper

164 100

162 106.0 83.0 124.6

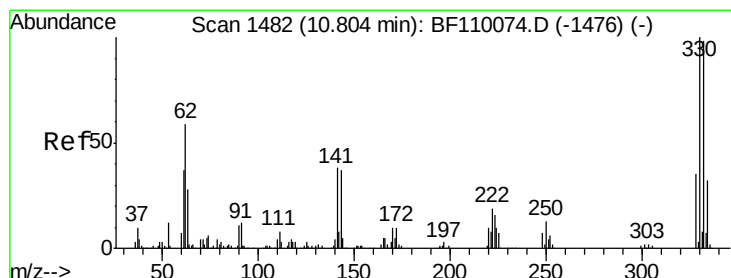
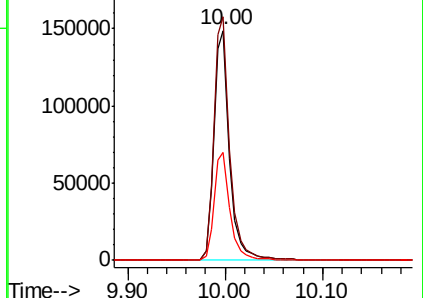
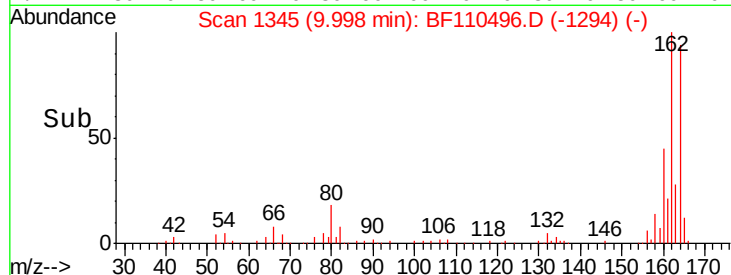
160 47.3 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 87.463 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110496.D

Acq: 6 Nov 2018 6:16

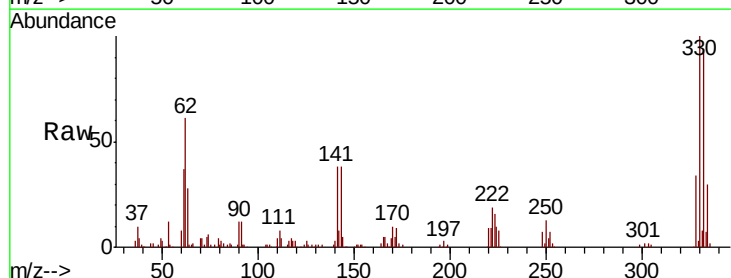
Tgt Ion:330 Resp: 142581

Ion Ratio Lower Upper

330 100

332 94.9 77.1 115.7

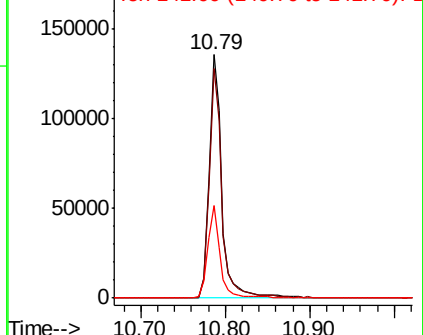
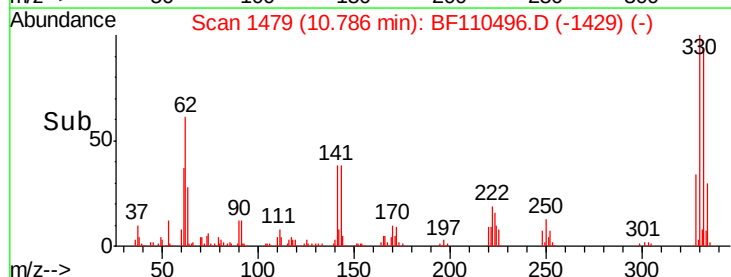
141 37.2 27.0 40.4

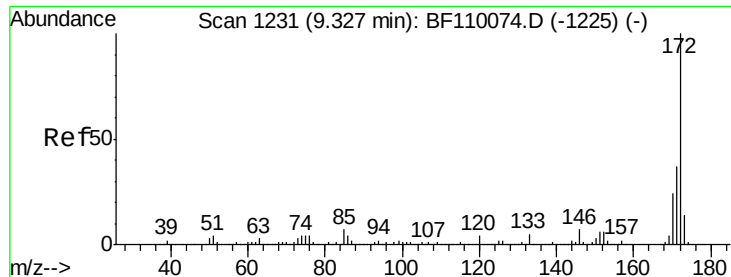


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



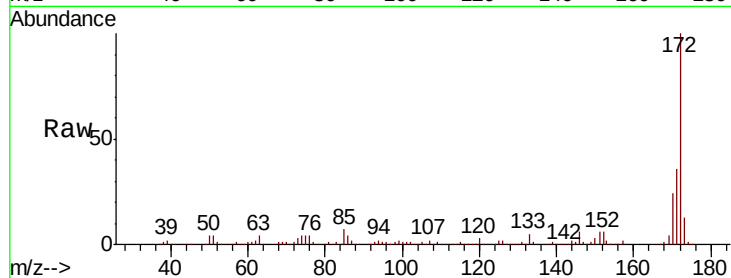


#45
 2-Fluorobiphenyl
 Concen: 119.629 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110496.D
 Acq: 6 Nov 2018 6:16

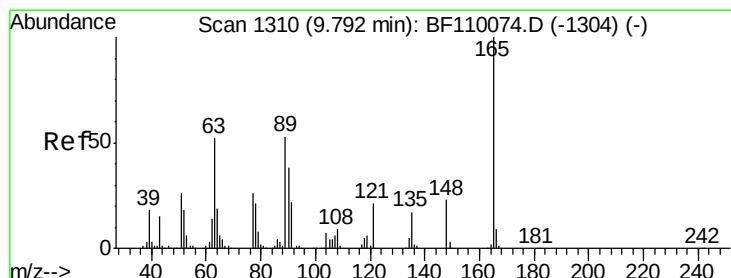
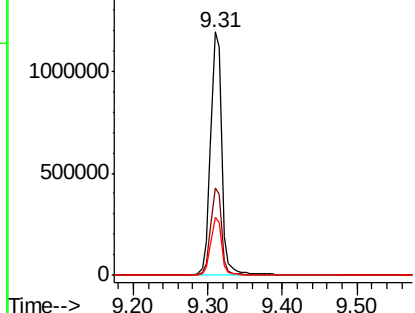
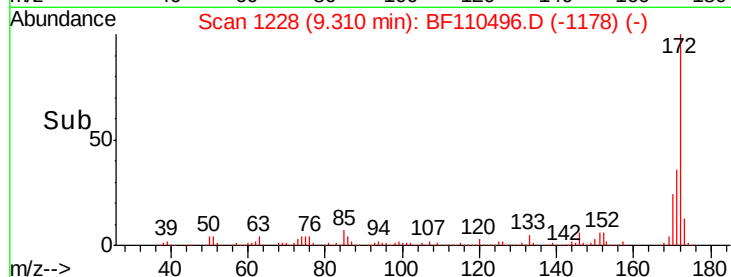
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1253771

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	19.7	29.5



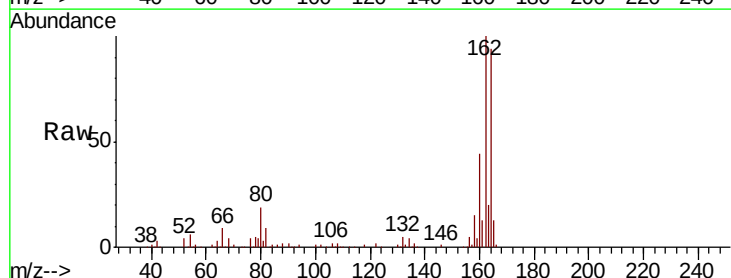
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



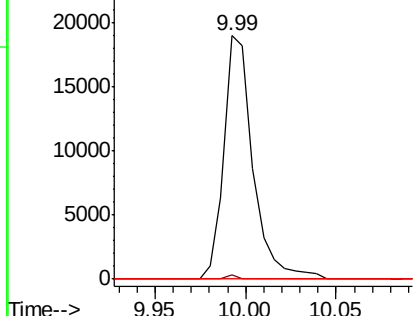
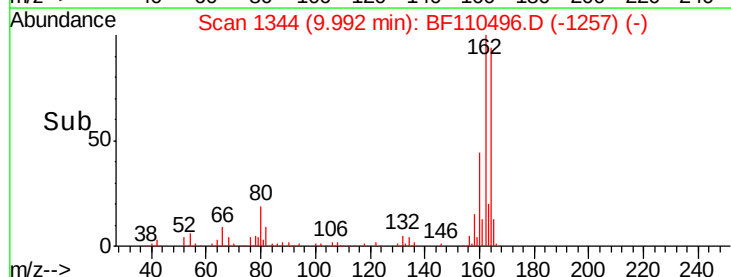
#51
 2,6-Dinitrotoluene
 Concen: 8.170 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF110496.D
 Acq: 6 Nov 2018 6:16

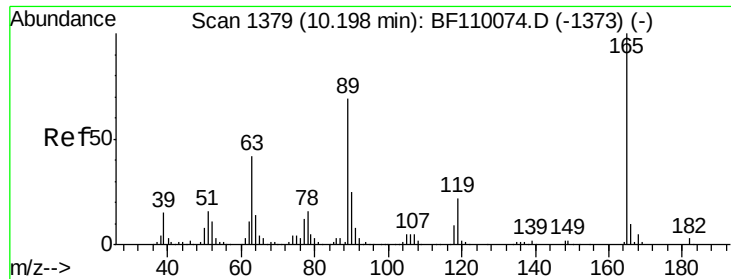
Tgt Ion:165 Resp: 21378

Ion	Ratio	Lower	Upper
165	100		
63	1.6	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

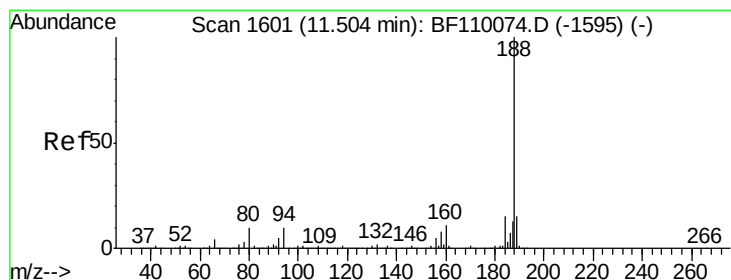
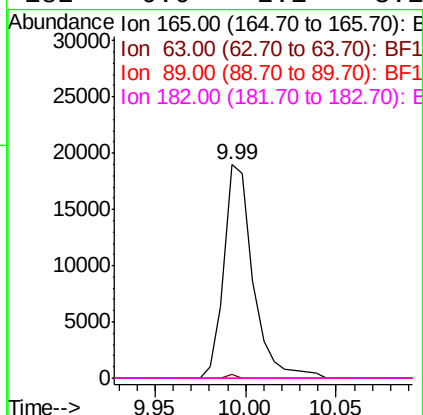
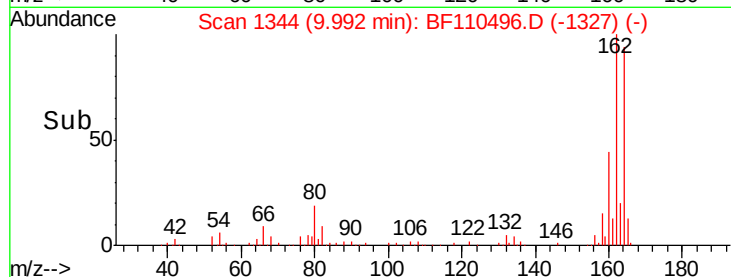
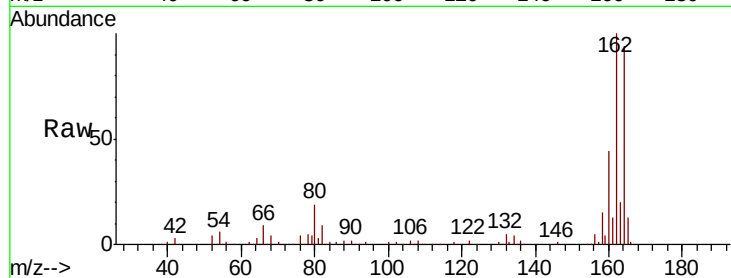




#57
 2,4-Dinitrotoluene
 Concen: 6.432 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110496.D
 Acq: 6 Nov 2018 6:16

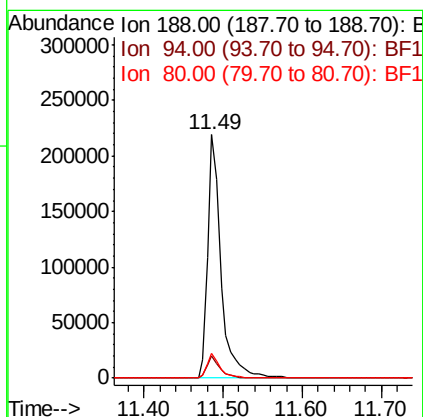
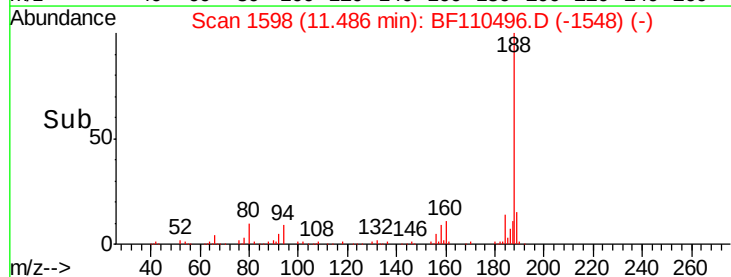
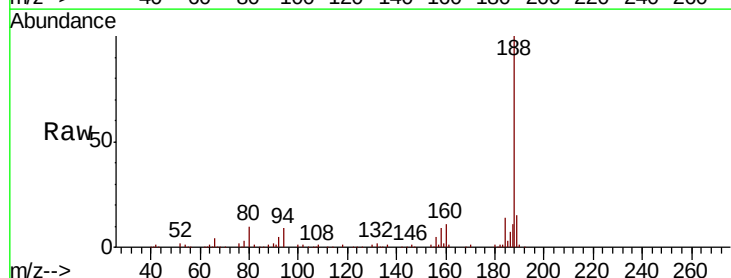
Instrument :
 BNA_F
 ClientSampleId :

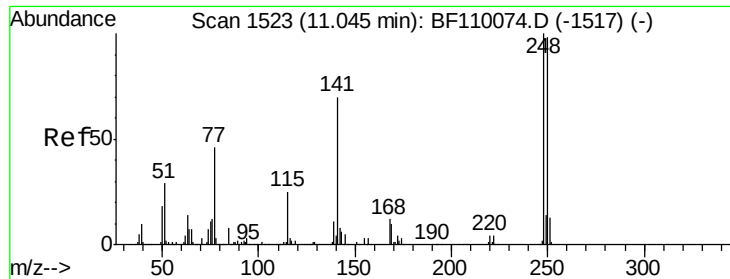
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110496.D
 Acq: 6 Nov 2018 6:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.1	7.9	11.9

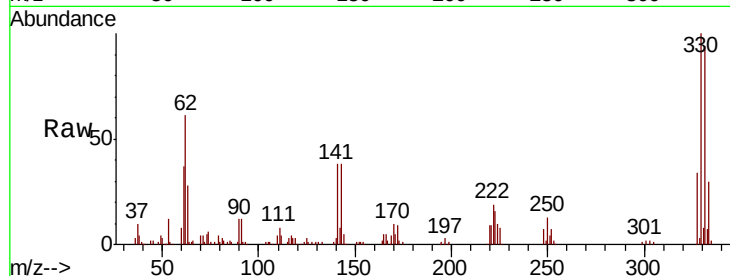




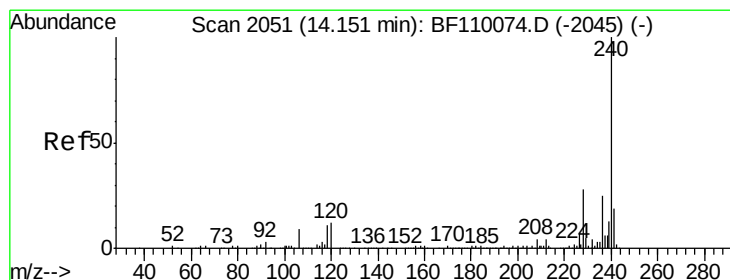
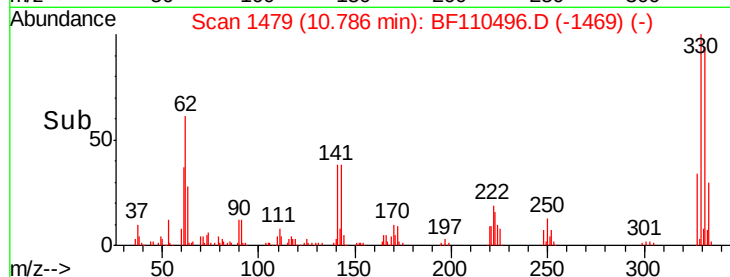
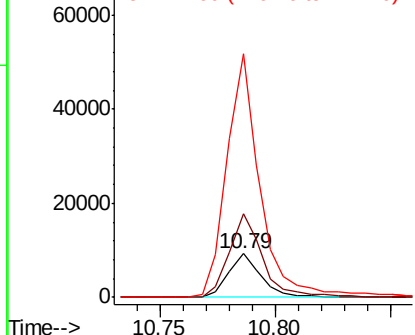
#67
 4-Bromophenyl-phenylether
 Concen: 3.246 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110496.D
 Acq: 6 Nov 2018 6:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9051
 Ion Ratio Lower Upper
 248 100
 250 192.1 79.4 119.2#
 141 555.2 55.9 83.9#

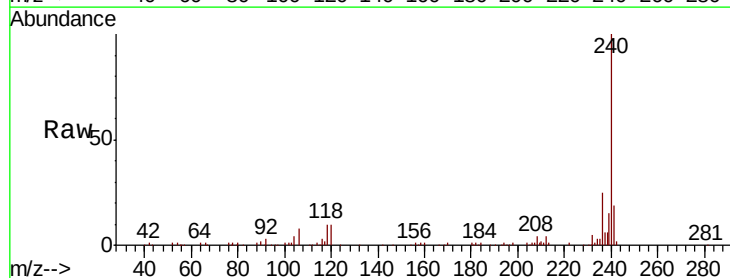


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

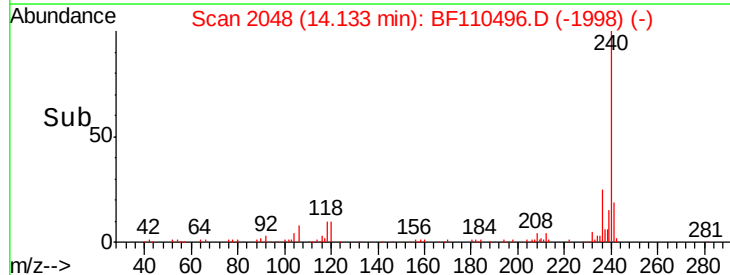
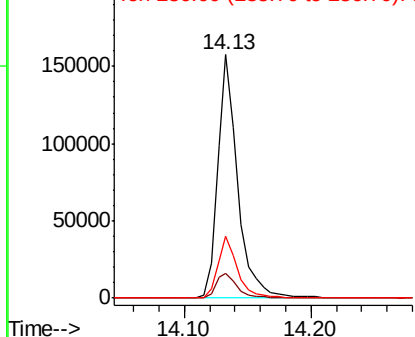


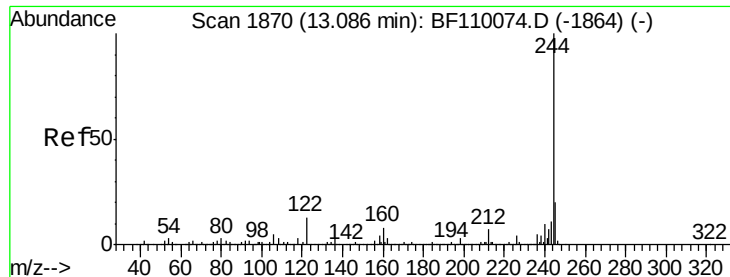
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110496.D
 Acq: 6 Nov 2018 6:16

Tgt Ion:240 Resp: 173623
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 25.2 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





#79

Terphenyl-d14

Concen: 102.174 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110496.D

Acq: 6 Nov 2018 6:16

Instrument :

BNA_F

ClientSampleId :

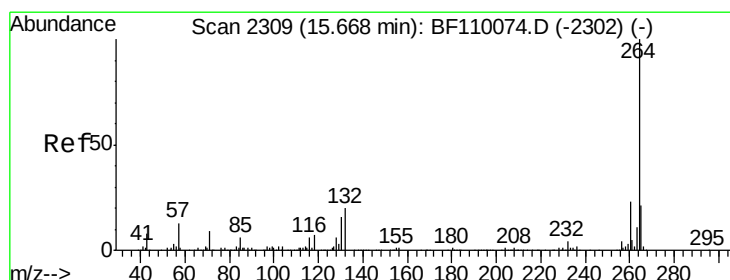
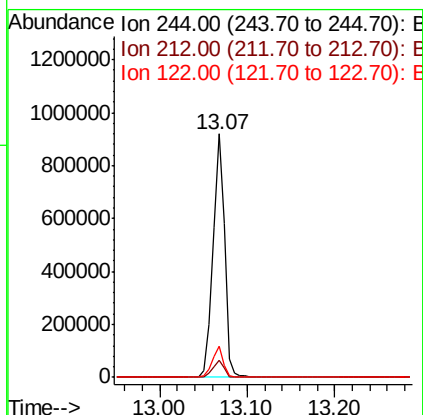
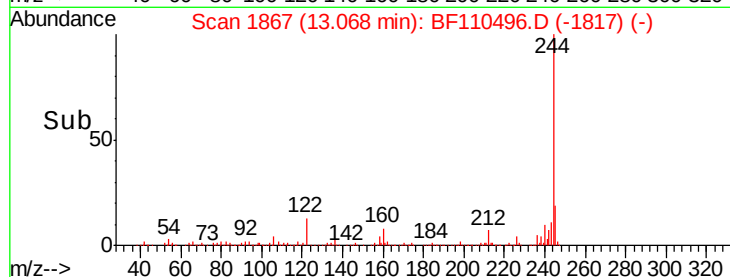
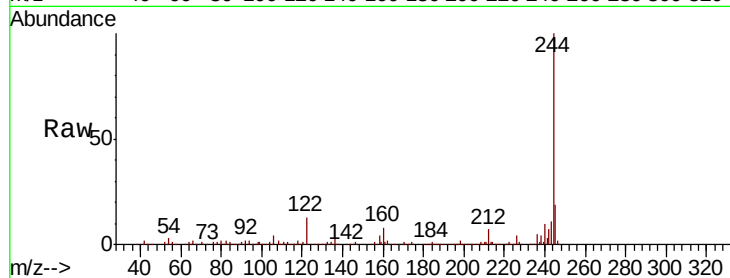
Tot Ion:244 Resp: 852994

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 12.9 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BF110496.D

Acq: 6 Nov 2018 6:16

Tgt Ion:264 Resp: 133172

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 22.5 16.7 25.1

