

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110157.D
 Acq On : 25 Oct 2018 13:12
 Operator : JU/SJ
 Sample : J5618-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:25:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

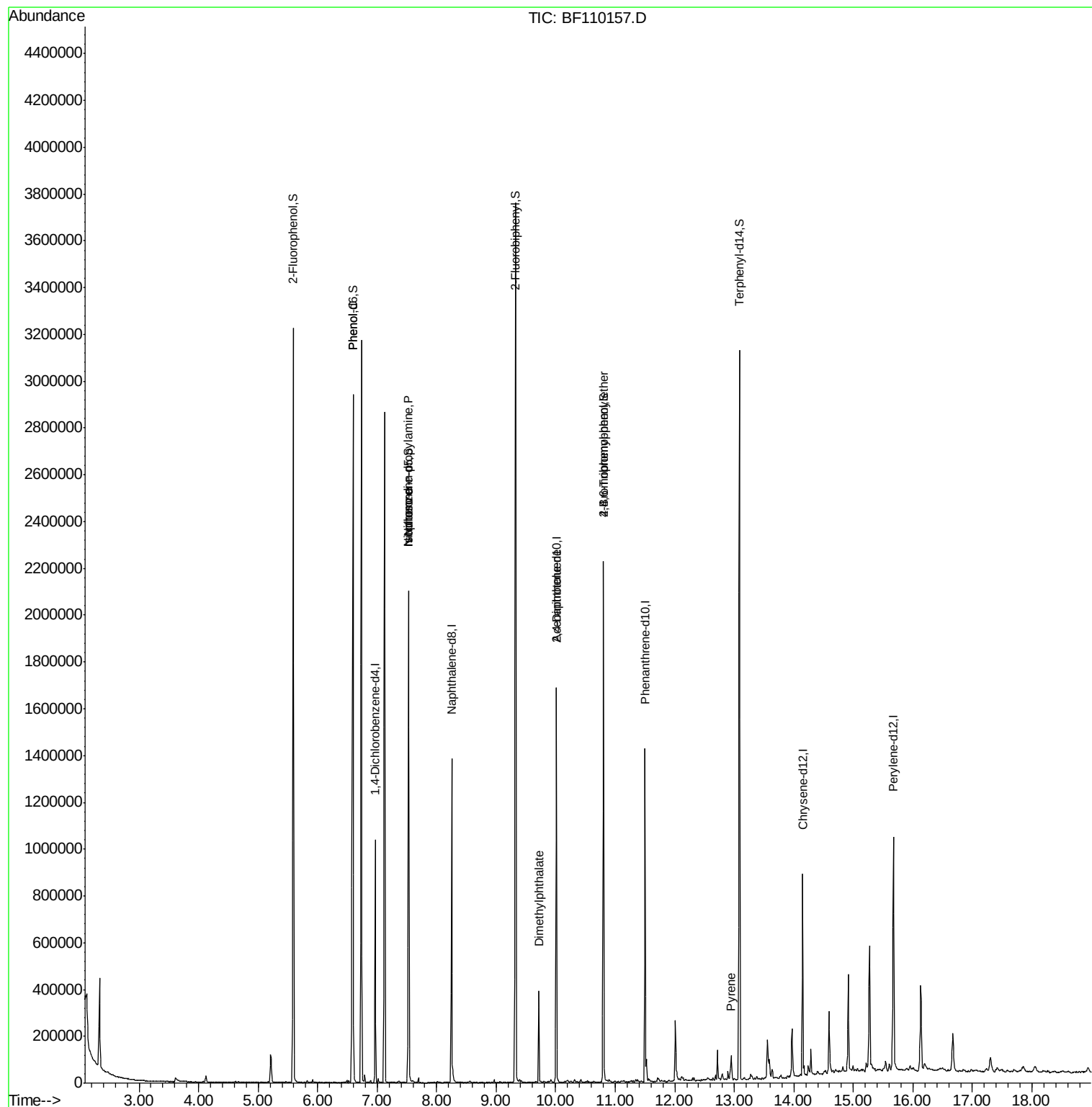
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160725	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	643686	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	304318	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	542188	20.00	ng	-0.02
76) Chrysene-d12	14.15	240	276260	20.00	ng	-0.02
87) Perylene-d12	15.67	264	272370	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	882333	89.40	ng	0.00
7) Phenol-d6	6.59	99	1127628	89.32	ng	-0.01
23) Nitrobenzene-d5	7.53	82	706660	65.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	268284	89.00	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1253684	64.69	ng	-0.01
79) Terphenyl-d14	13.09	244	975524	73.44	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	738	Below Cal	Qvalue	# 1
10) Phenol	6.60	94	96822	7.175 ng	#	68
19) n-Nitroso-di-n-propylamine	7.53	70	92860	11.466 ng	#	82
25) Isophorone	7.53	82	706654	38.200 ng	#	67
50) Dimethylphthalate	9.72	163	152473	6.787 ng		100
57) 2,4-Dinitrotoluene	10.01	165	38292	6.230 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	16834	2.862 ng	#	1
78) Pyrene	12.95	202	39773	2.008 ng		98

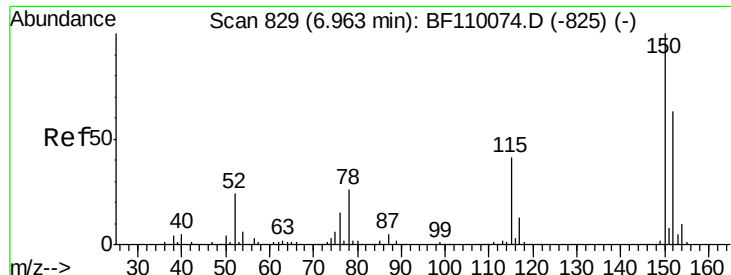
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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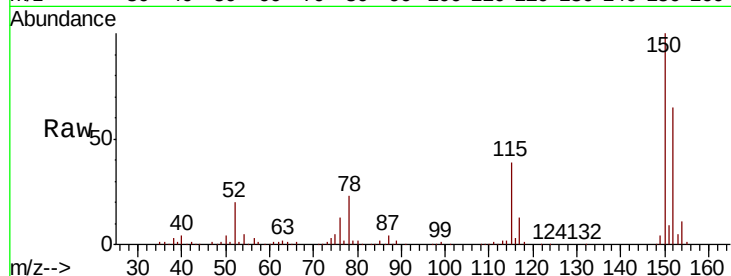


#1

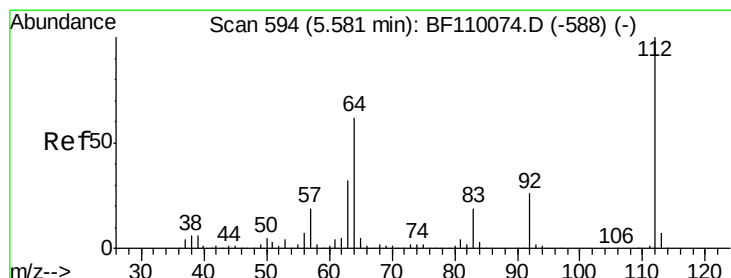
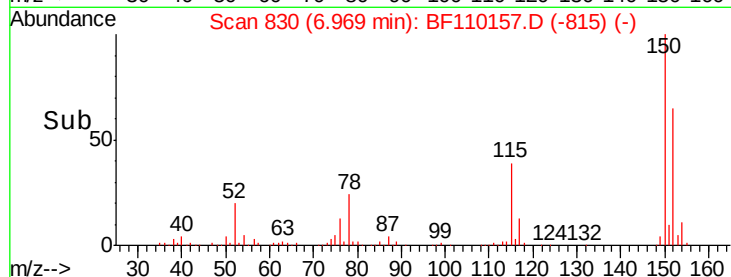
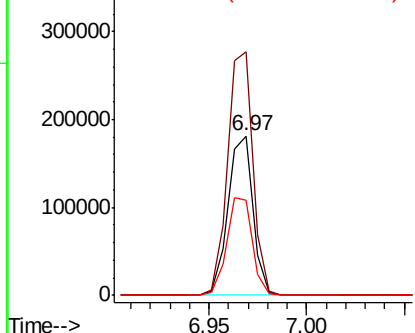
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160725
Ion Ratio Lower Upper
152 100
150 152.8 122.7 184.1
115 59.8 49.1 73.7



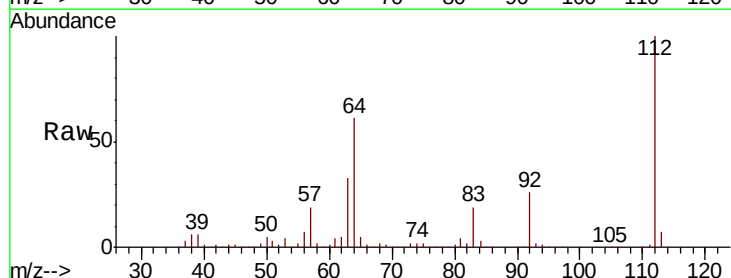
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



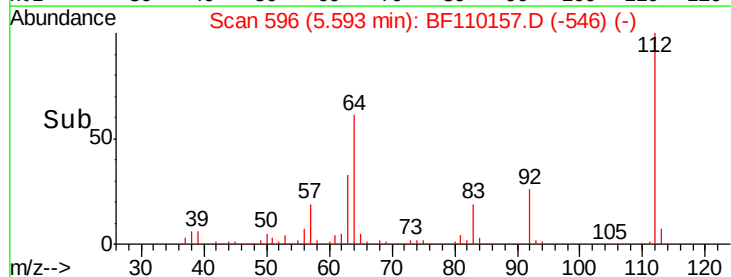
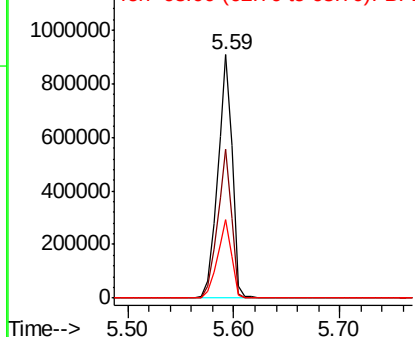
#5

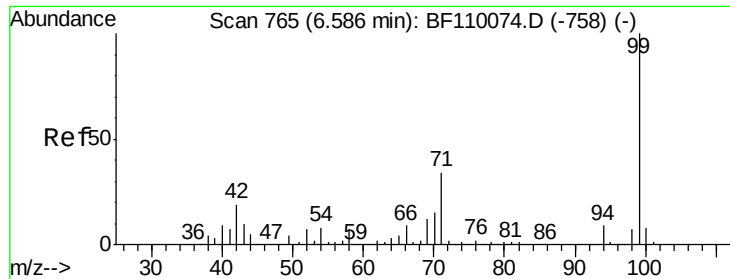
2-Fluorophenol
Concen: 89.397 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

Tgt Ion:112 Resp: 882333
Ion Ratio Lower Upper
112 100
64 61.3 44.1 66.1
63 32.5 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: 89.322 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110157.D

Acq: 25 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

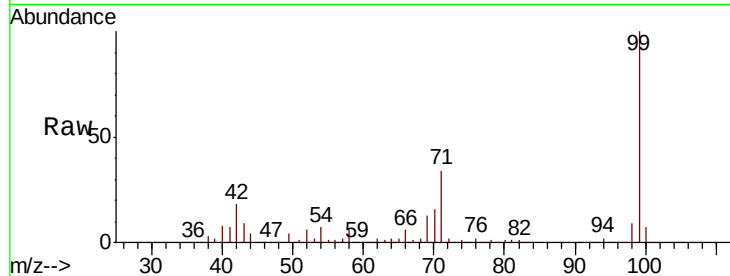
Tot Ion: 99 Resp: 1127628

Ion Ratio Lower Upper

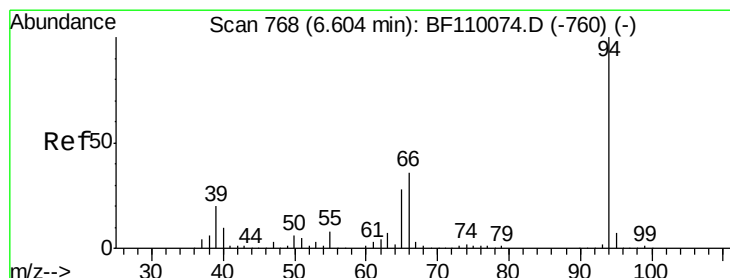
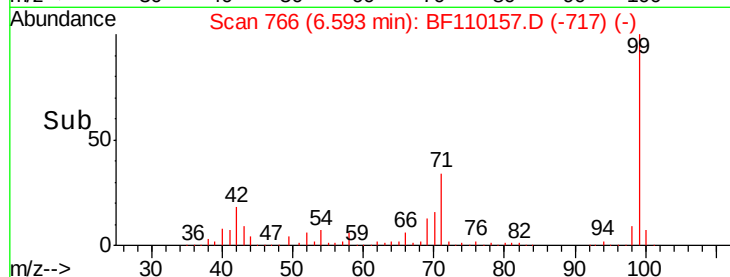
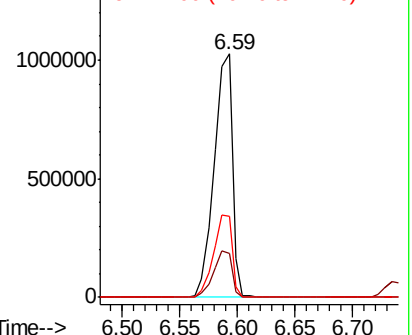
99 100

42 18.2 15.8 23.6

71 33.5 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: 7.175 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110157.D

Acq: 25 Oct 2018 13:12

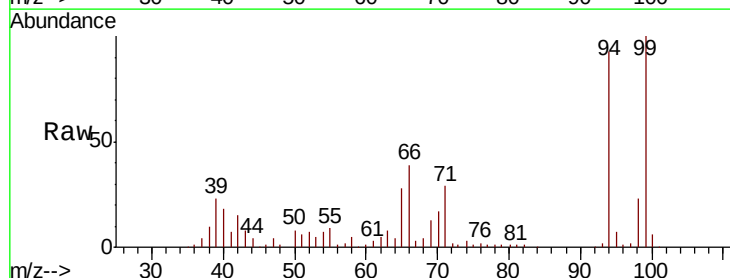
Tgt Ion: 94 Resp: 96822

Ion Ratio Lower Upper

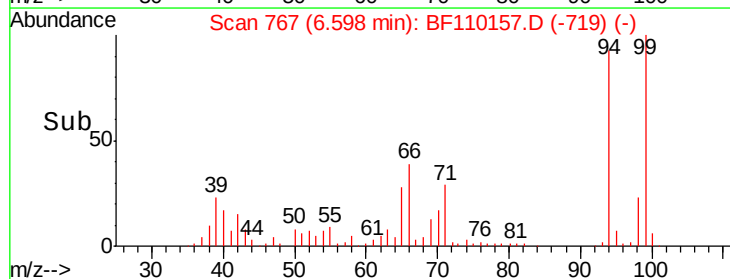
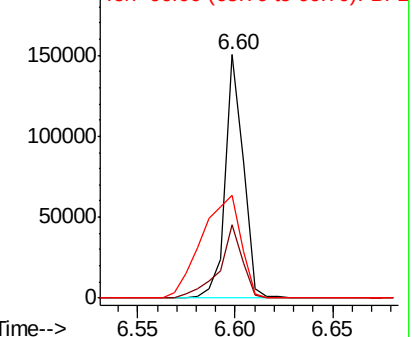
94 100

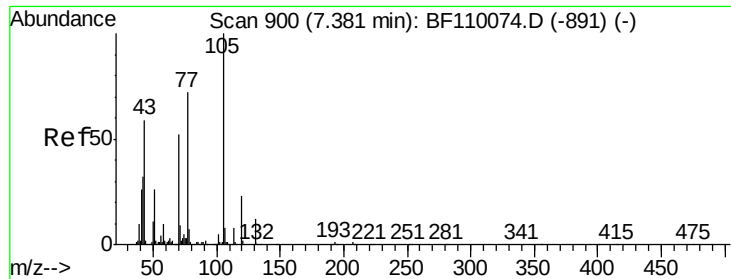
65 30.2 25.3 65.3

66 42.4 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

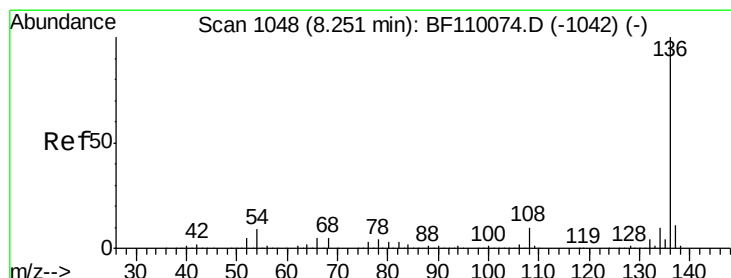
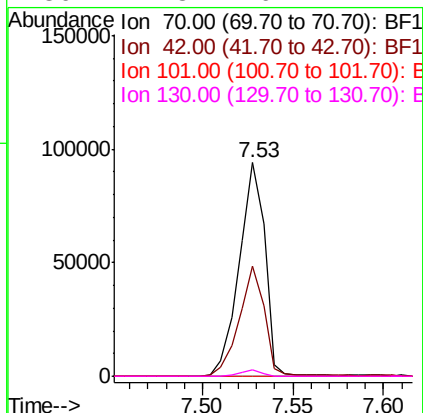
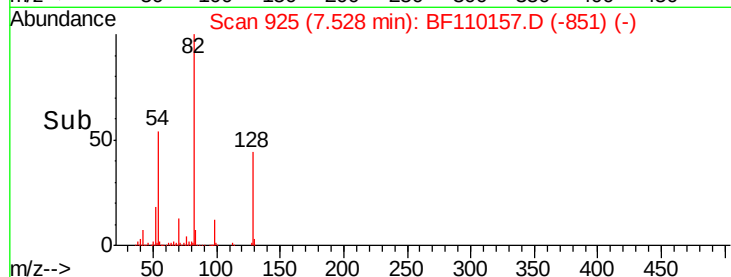
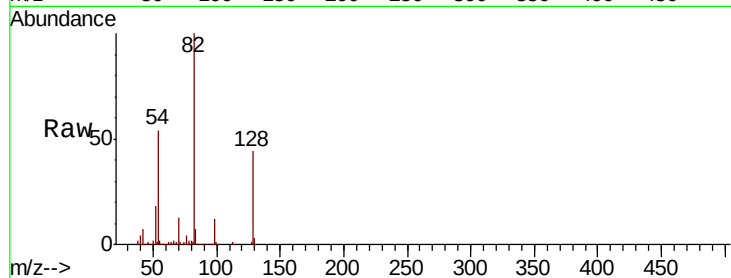




#19
n-Nitroso-di-n-propylamine
Concen: 11.466 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

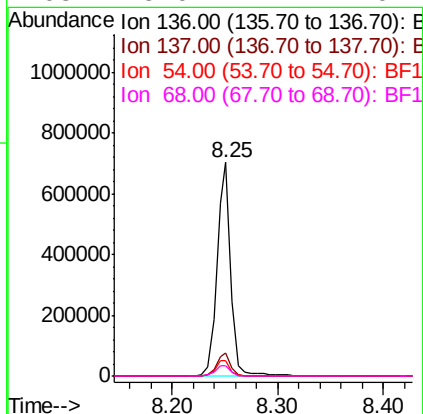
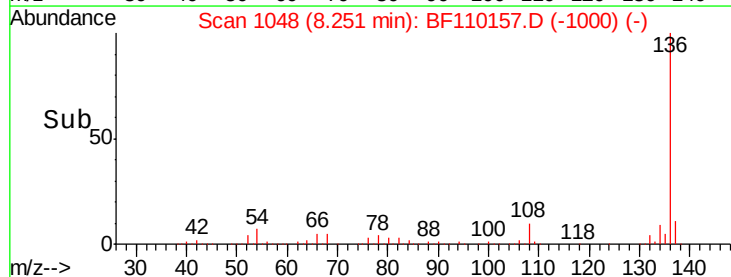
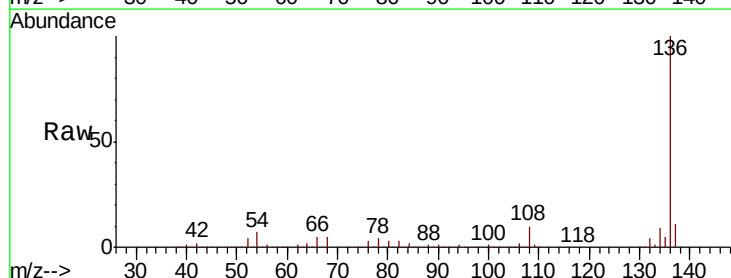
Instrument :
BNA_F
ClientSampled :

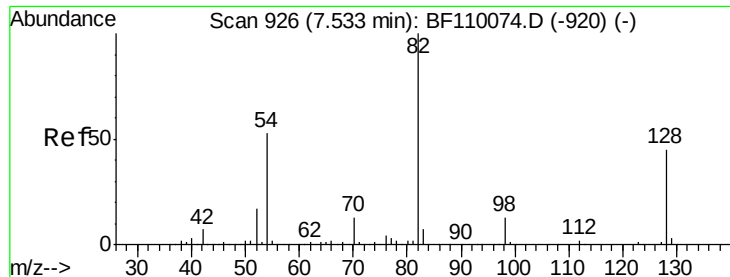
Tot Ion: 70 Resp: 92860
Ion Ratio Lower Upper
70 100
42 51.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

Tgt Ion: 136 Resp: 643686
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 5.4 8.2
68 5.0 4.2 6.2

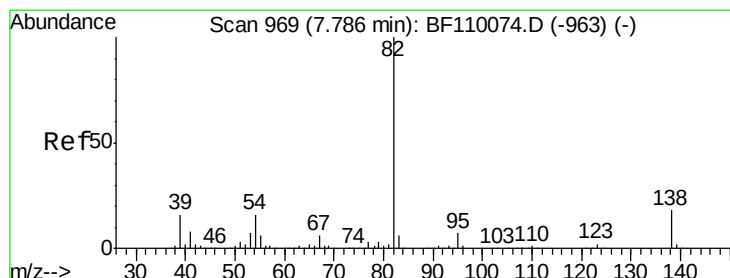
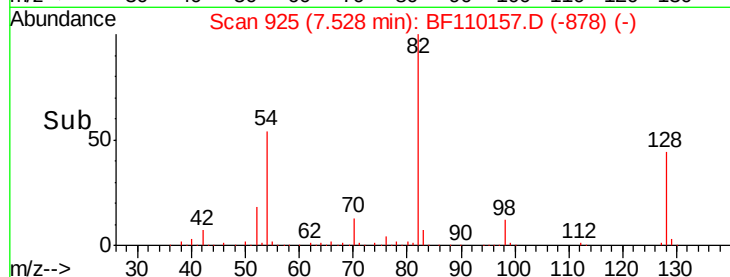
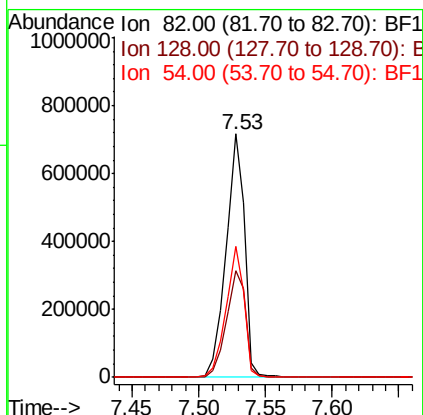
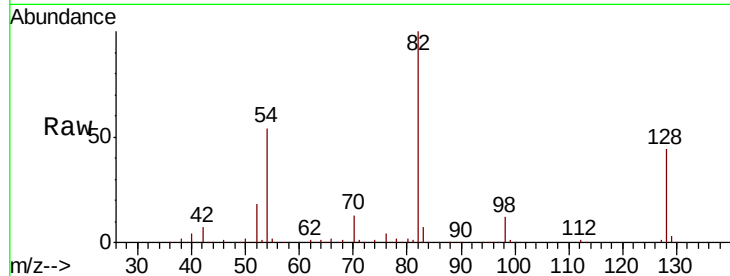




#23
 Nitrobenzene-d5
 Concen: 65.116 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110157.D
 Acq: 25 Oct 2018 13:12

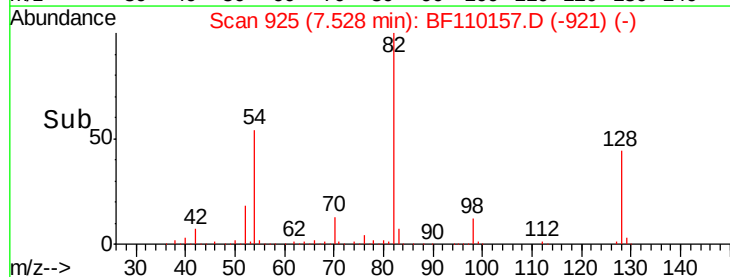
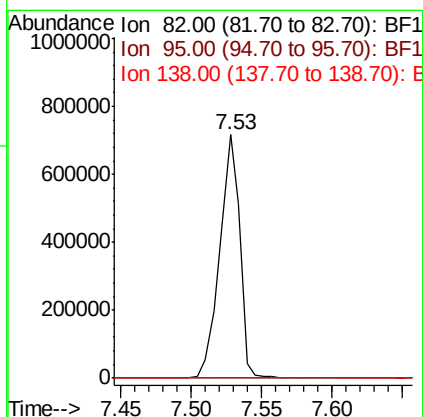
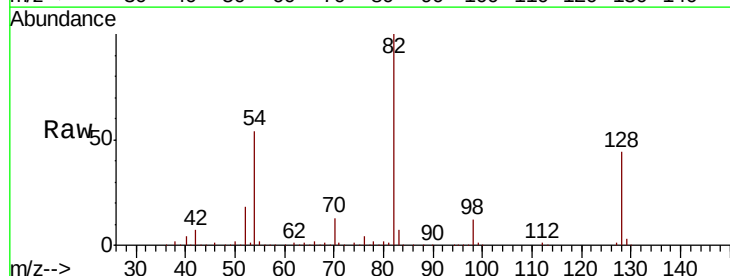
Instrument :
 BNA_F
 ClientSampled :

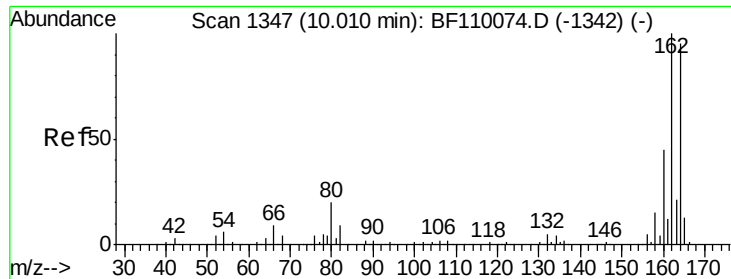
Tot Ion	82	Resp	706660
Ion Ratio	Lower	Upper	
82	100		
128	44.0	34.2	51.2
54	53.6	38.6	58.0



#25
 Isophorone
 Concen: 38.200 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.28 min
 Lab File: BF110157.D
 Acq: 25 Oct 2018 13:12

Tgt Ion	82	Resp	706654
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.7	8.5#
138	0.0	13.2	19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110157.D

Acq: 25 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

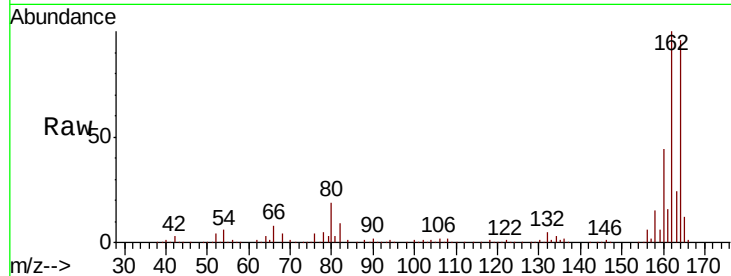
Tot Ion:164 Resp: 304318

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

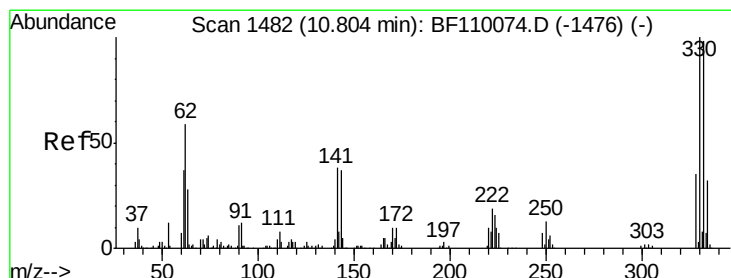
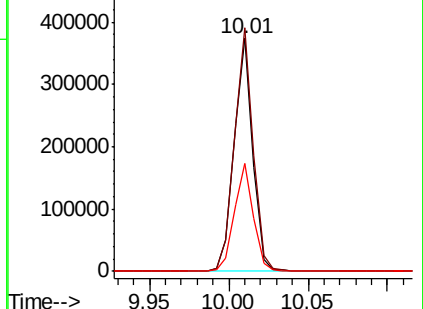
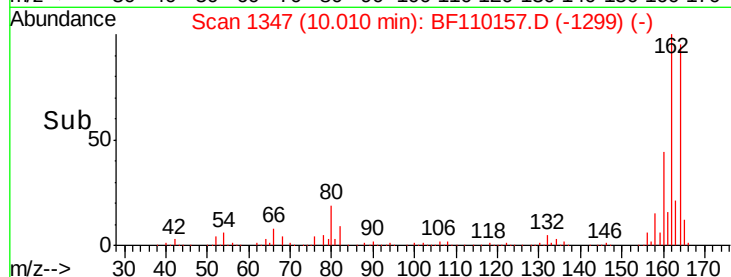
160 46.2 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 88.999 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110157.D

Acq: 25 Oct 2018 13:12

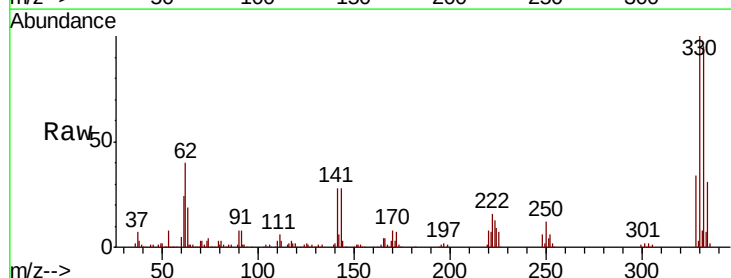
Tgt Ion:330 Resp: 268284

Ion Ratio Lower Upper

330 100

332 94.7 77.1 115.7

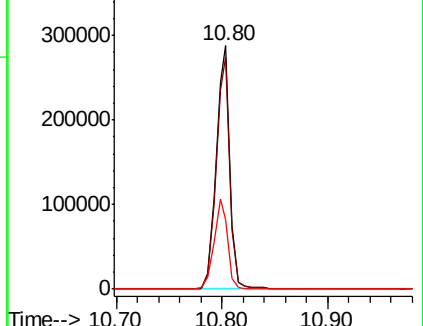
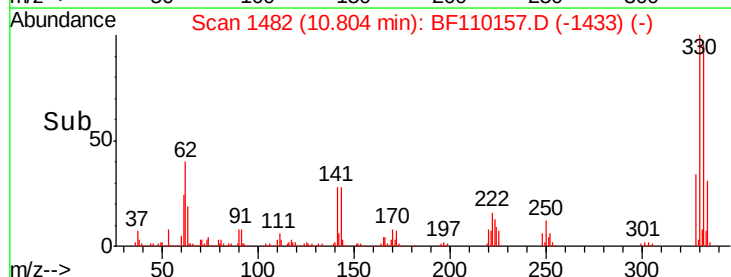
141 36.7 27.0 40.4

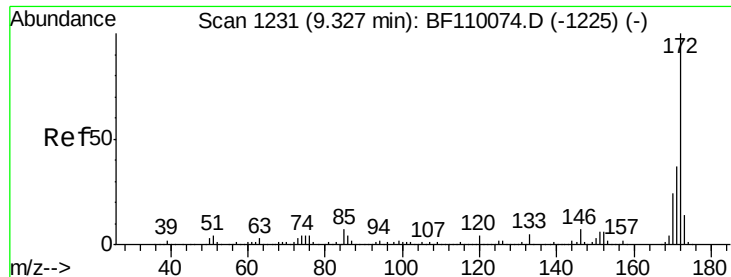


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

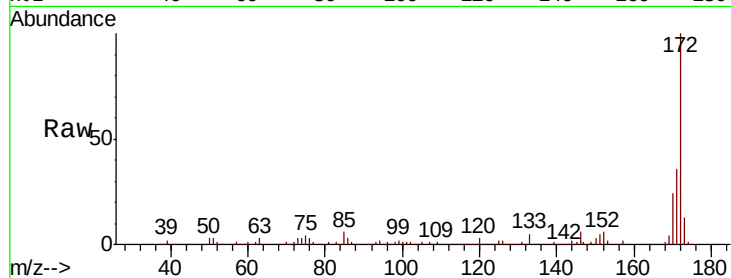




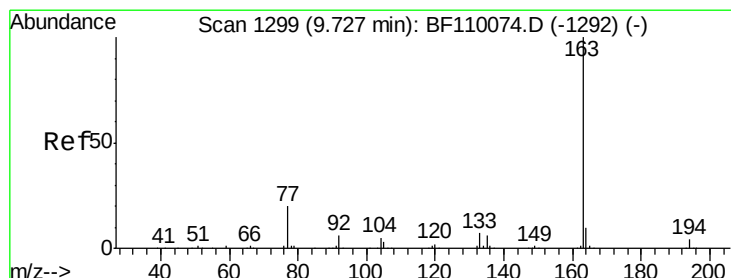
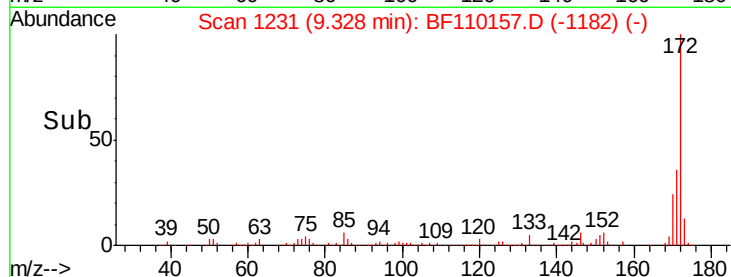
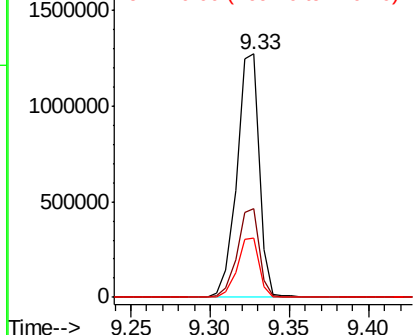
#45
2-Fluorobiphenyl
Concen: 64.689 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1253684
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.2 19.7 29.5

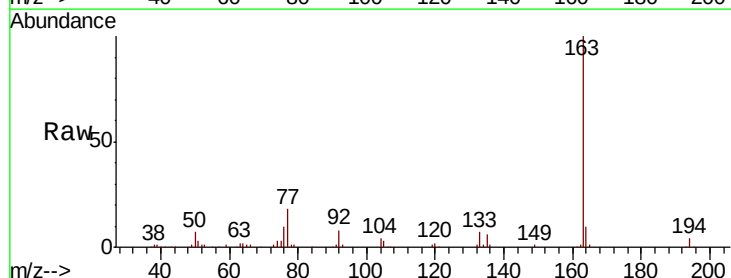


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

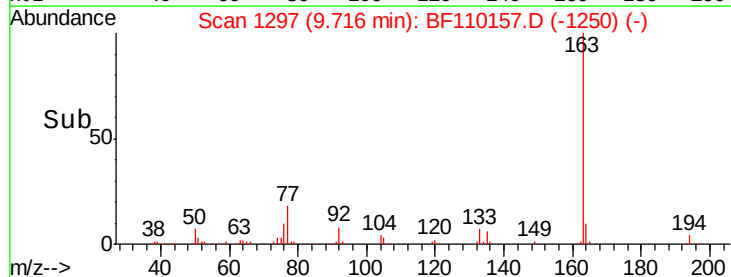
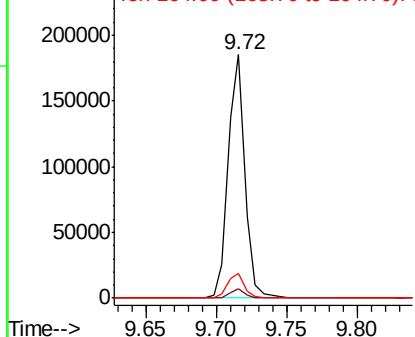


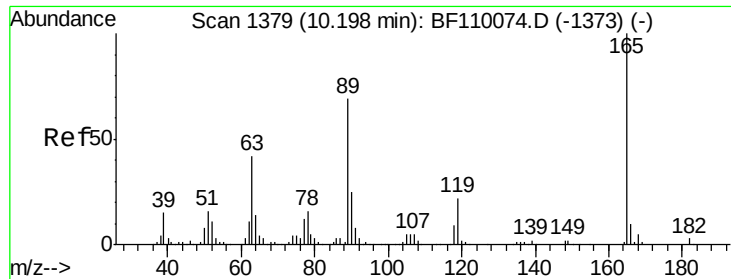
#50
Dimethylphthalate
Concen: 6.787 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

Tgt Ion:163 Resp: 152473
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 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

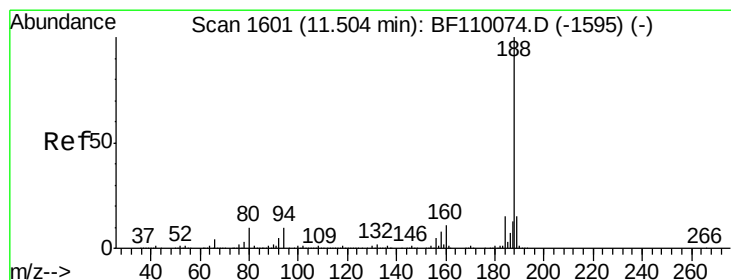
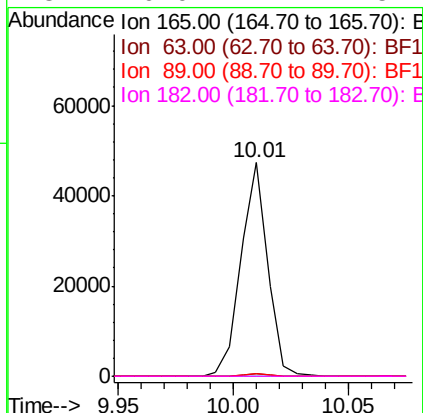
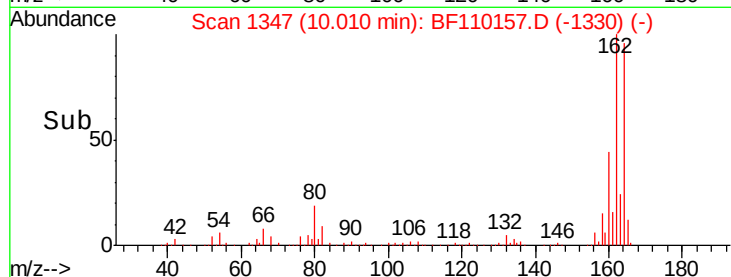
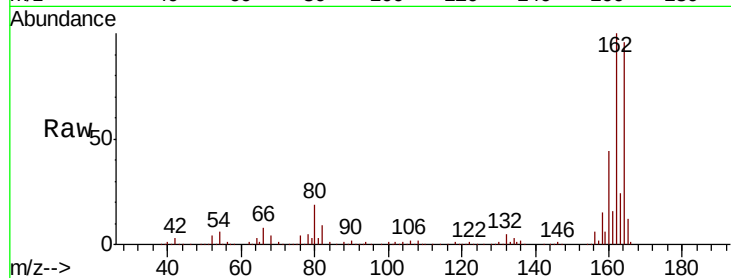




#57
2,4-Dinitrotoluene
Concen: 6.230 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

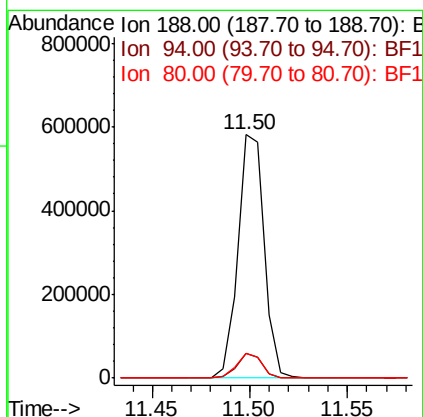
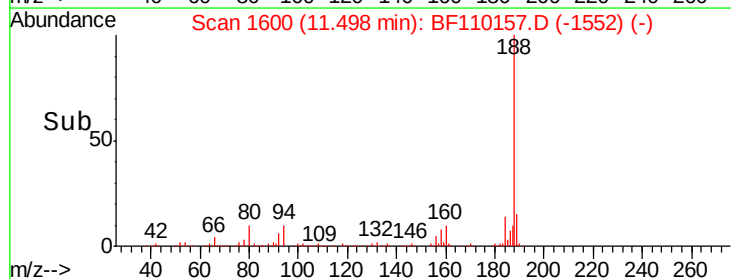
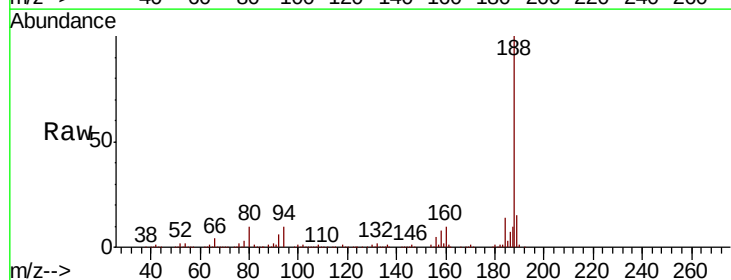
Instrument :
BNA_F
ClientSampleId :

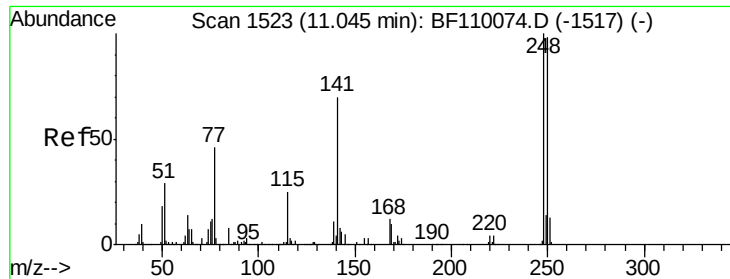
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.2	7.9	11.9

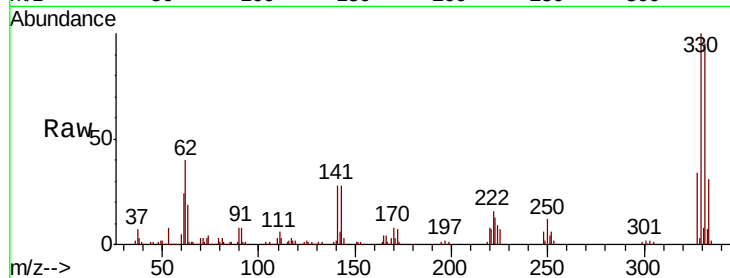




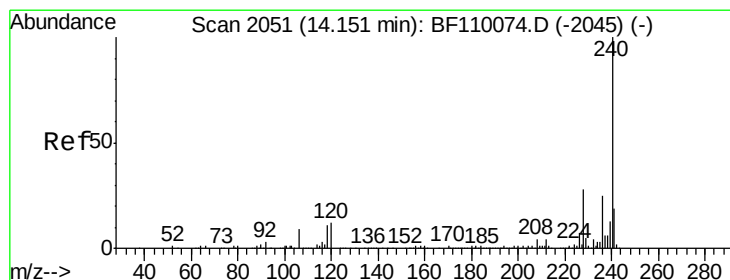
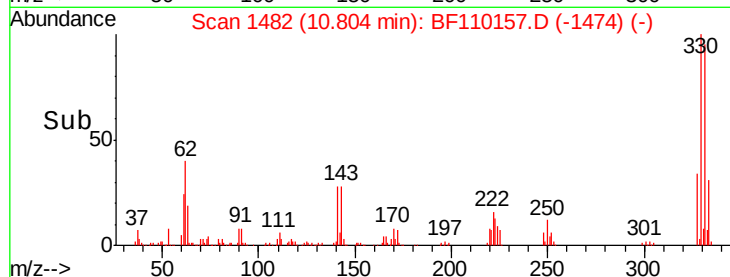
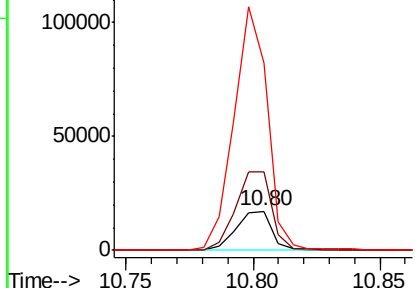
#67
4-Bromophenyl-phenylether
Concen: 2.862 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16834
Ion Ratio Lower Upper
248 100
250 198.0 79.4 119.2#
141 474.3 55.9 83.9#

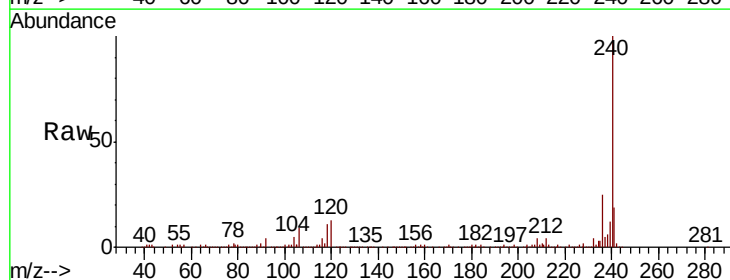


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

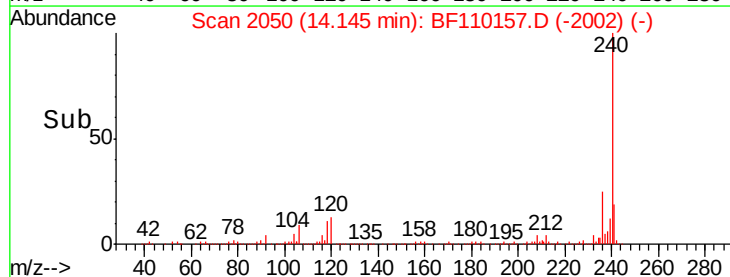
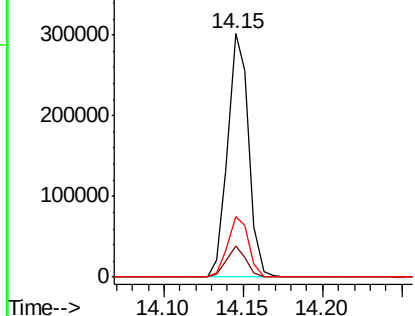


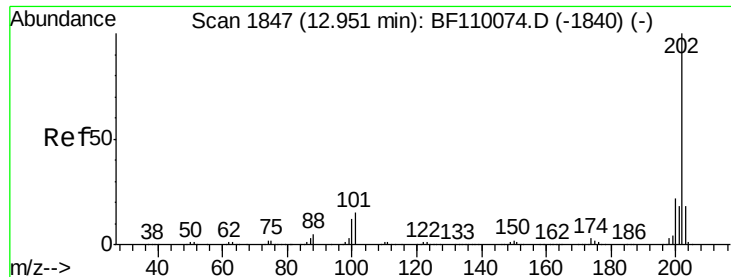
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

Tgt Ion:240 Resp: 276260
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 25.0 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

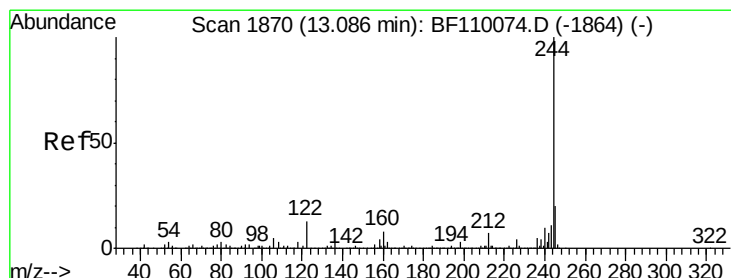
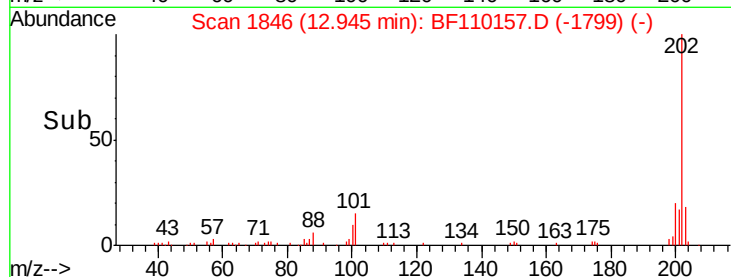
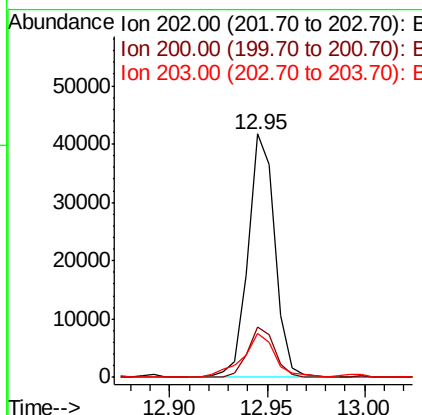
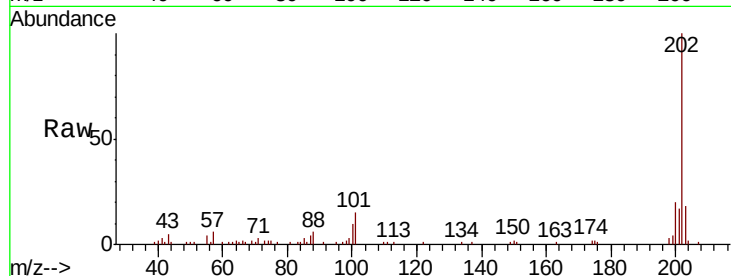




#78
Pvrene
Concen: 2.008 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

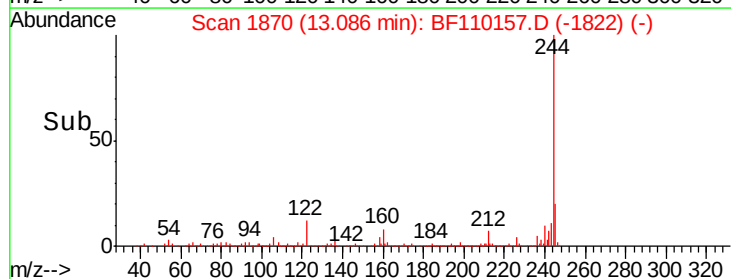
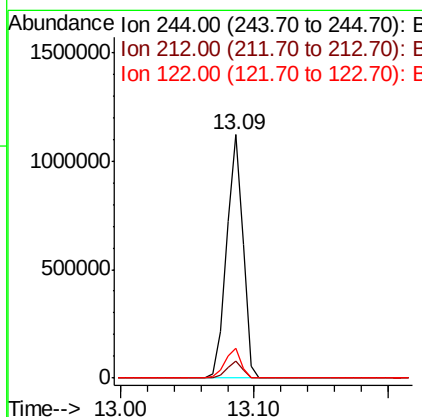
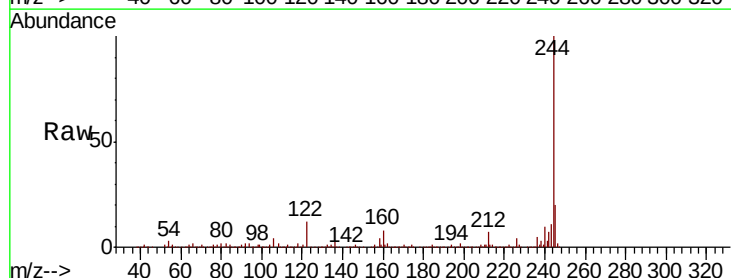
Instrument :
BNA_F
ClientSampleId :

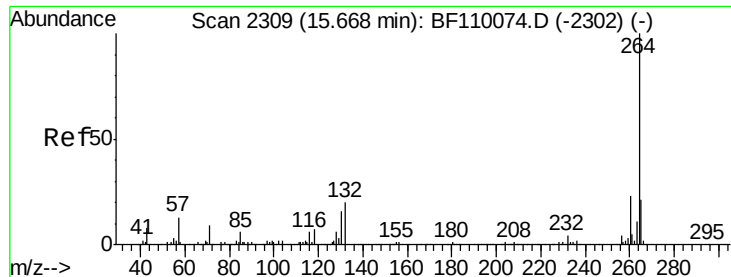
Tot Ion:202 Resp: 39773
Ion Ratio Lower Upper
202 100
200 20.4 17.8 26.6
203 17.9 14.2 21.4



#79
Terphenyl-d14
Concen: 73.438 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

Tgt Ion:244 Resp: 975524
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.1 8.7 13.1

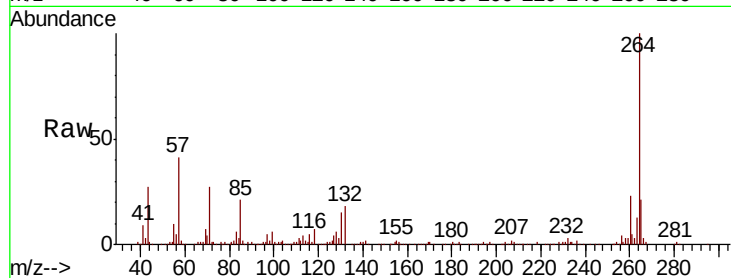




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110157.D
Acq: 25 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	20.9	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

