

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110506.D
 Acq On : 6 Nov 2018 11:10
 Operator : JU/SJ
 Sample : J5813-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

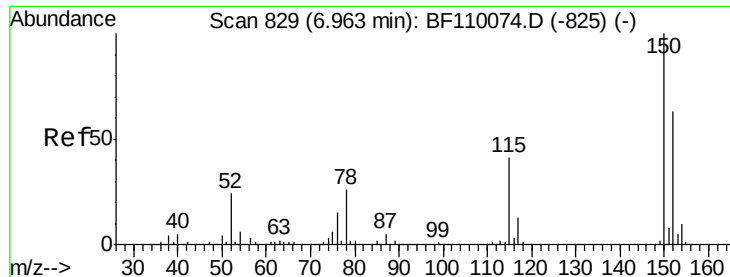
Quant Time: Nov 06 12:06:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	105648	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	425581	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	181278	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	272606	20.00	ng	0.00
76) Chrysene-d12	14.13	240	183322	20.00	ng	0.00
87) Perylene-d12	15.66	264	150257	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	626864	96.62	ng	0.00
7) Phenol-d6	6.58	99	803038	96.77	ng	0.00
23) Nitrobenzene-d5	7.52	82	514097	71.65	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	144723	80.60	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	858722	74.38	ng	0.00
79) Terphenyl-d14	13.07	244	524154	59.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	1605	Below Cal		# 1
10) Phenol	6.59	94	52509	5.920	ng	# 66
19) n-Nitroso-di-n-propylamine	7.52	70	67002	12.586	ng	# 79
25) Isophorone	7.52	82	514094	42.033	ng	# 67
50) Dimethylphthalate	9.70	163	114990	8.593	ng	100
57) 2,4-Dinitrotoluene	9.99	165	22795	6.226	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	8854	2.994	ng	# 1
75) Fluoranthene	12.70	202	35391	2.445	ng	99
78) Pyrene	12.93	202	29780	2.266	ng	95
88) Benzo(b)fluoranthene	15.20	252	23094	2.662	ng	# 68
89) Benzo(k)fluoranthene	15.20	252	23094	2.707	ng	# 67

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

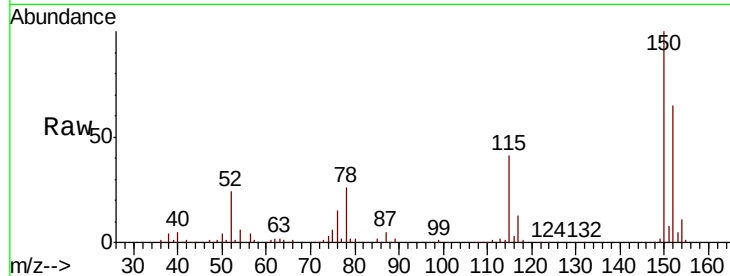


#1

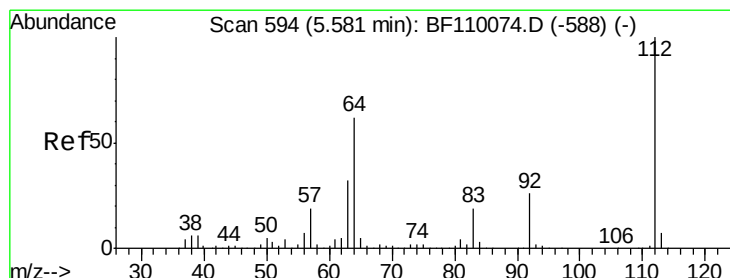
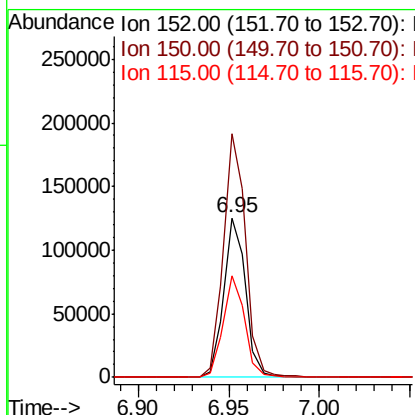
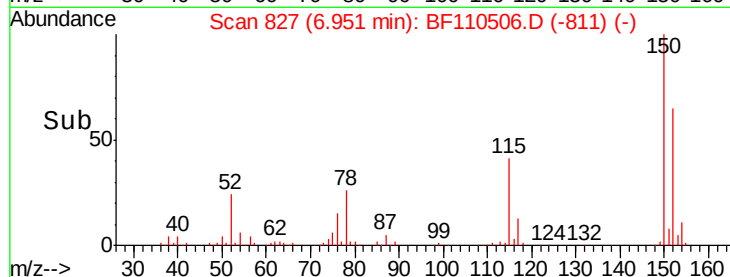
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105648
Ion Ratio Lower Upper
152 100
150 153.0 122.7 184.1
115 63.4 49.1 73.7



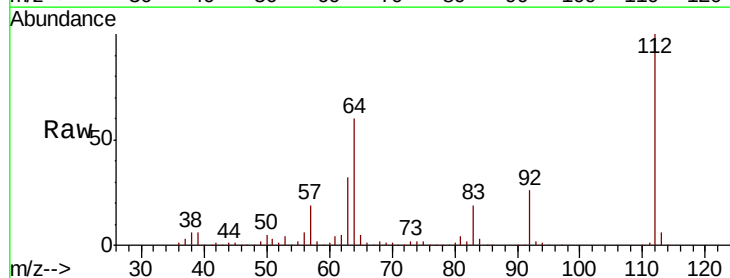
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



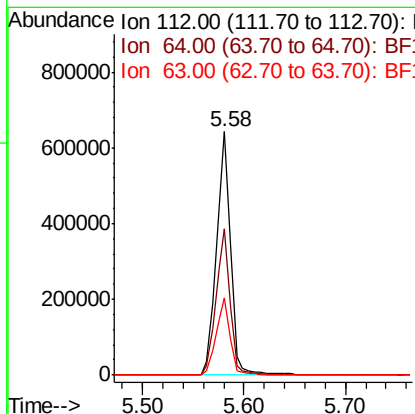
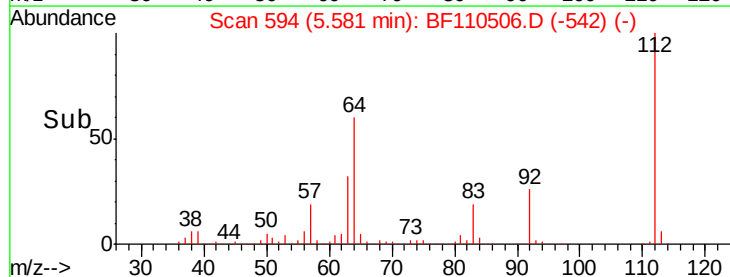
#5

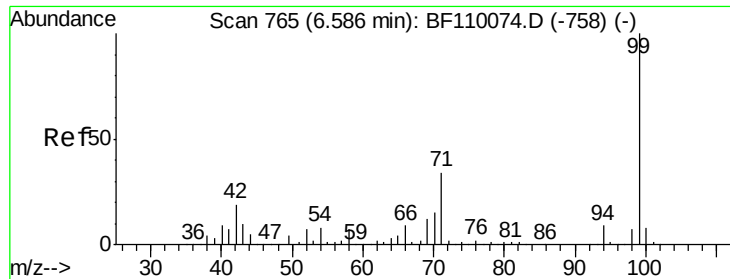
2-Fluorophenol
Concen: 96.624 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion:112 Resp: 626864
Ion Ratio Lower Upper
112 100
64 60.1 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: 96.773 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110506.D

Acq: 6 Nov 2018 11:10

Instrument :

BNA_F

ClientSampleId :

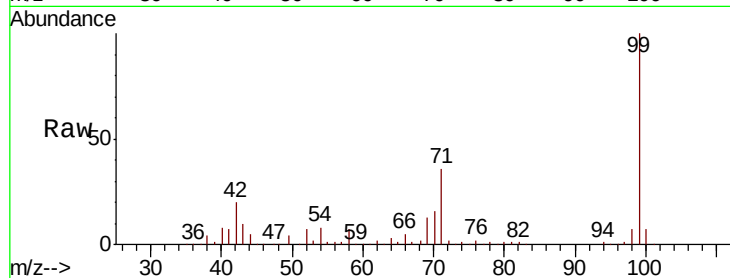
Tot Ion: 99 Resp: 803038

Ion Ratio Lower Upper

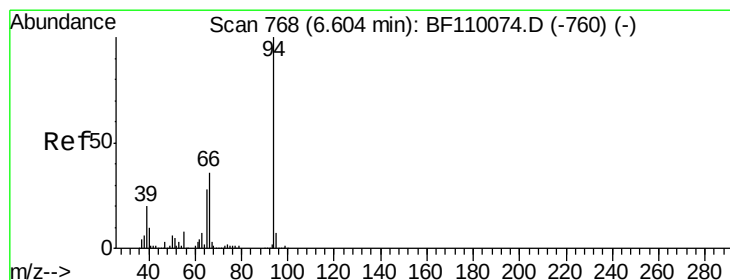
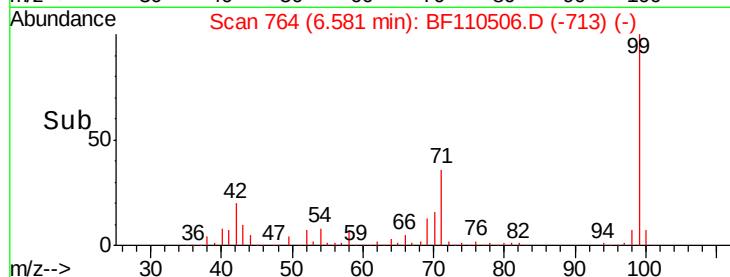
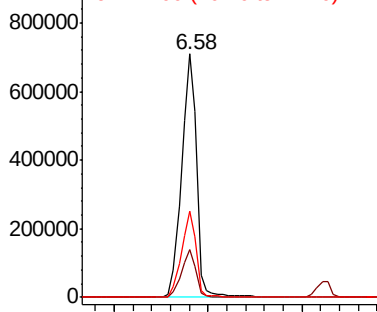
99 100

42 19.7 15.8 23.6

71 35.7 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: 5.920 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110506.D

Acq: 6 Nov 2018 11:10

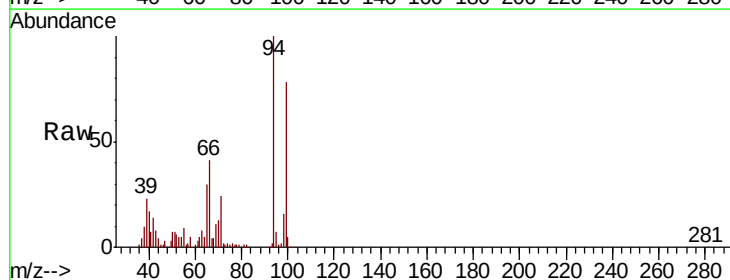
Tgt Ion: 94 Resp: 52509

Ion Ratio Lower Upper

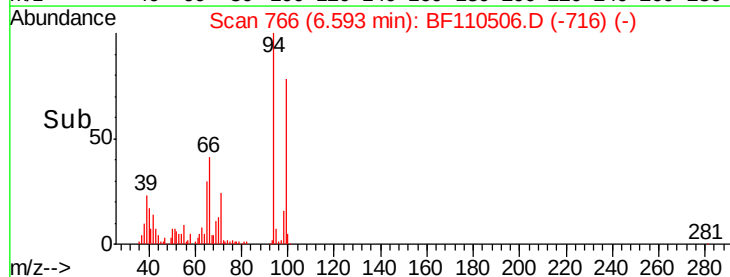
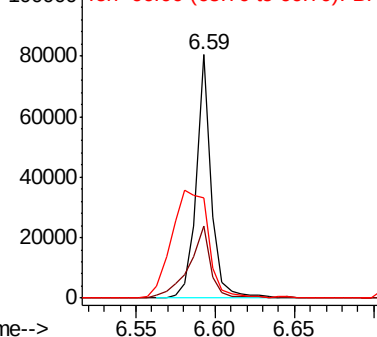
94 100

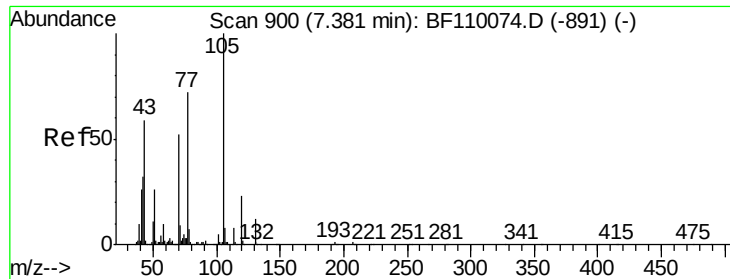
65 29.7 25.3 65.3

66 40.9 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

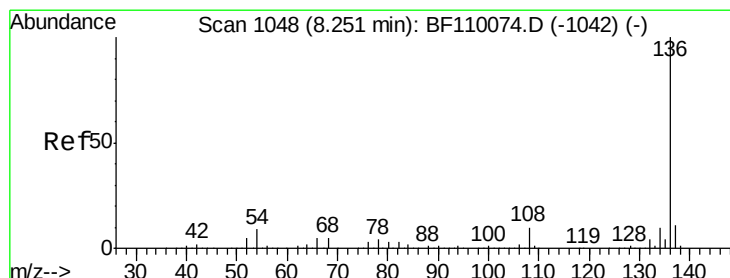
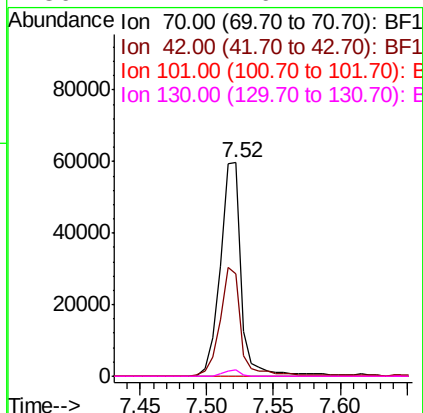
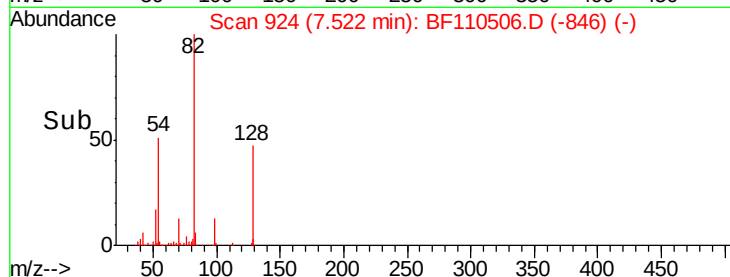
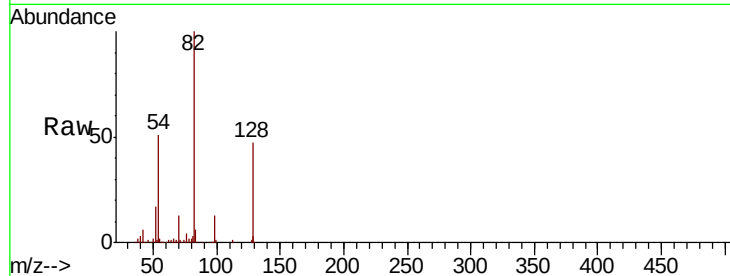




#19
n-Nitroso-di-n-propylamine
Concen: 12.586 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

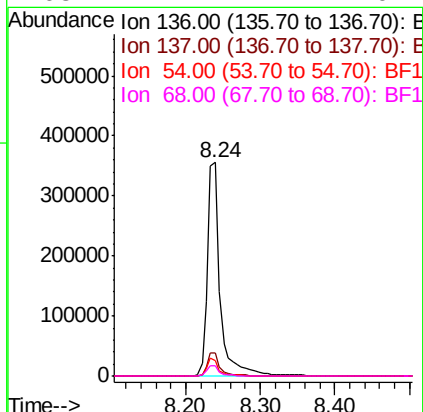
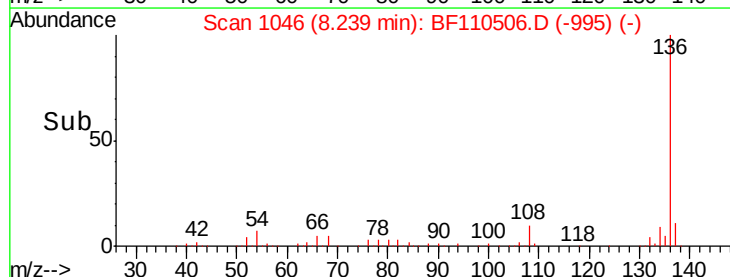
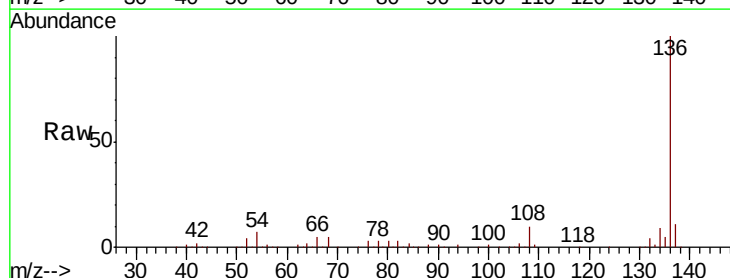
Instrument :
BNA_F
ClientSampleId :

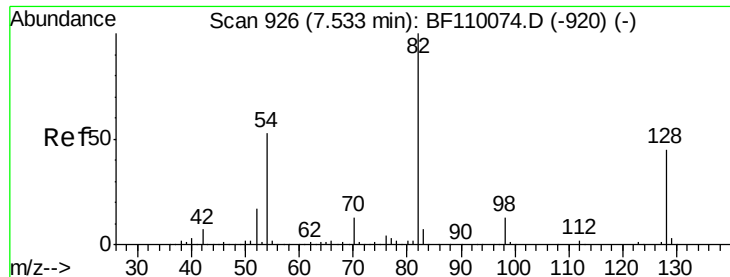
Tot Ion: 70 Resp: 67002
Ion Ratio Lower Upper
70 100
42 48.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.7 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion: 136 Resp: 425581
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 5.4 8.2
68 4.7 4.2 6.2

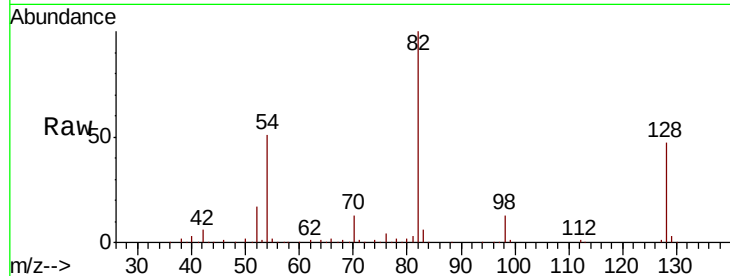




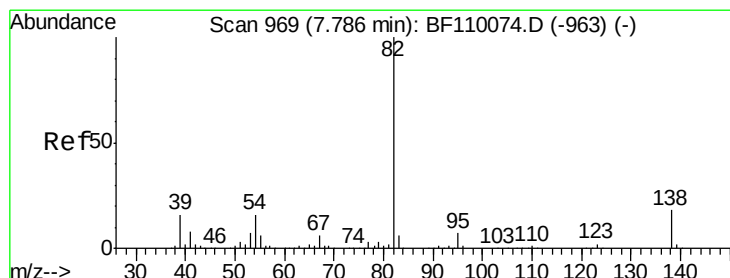
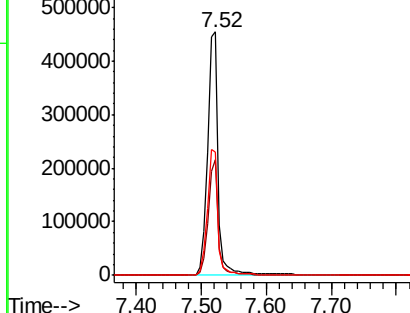
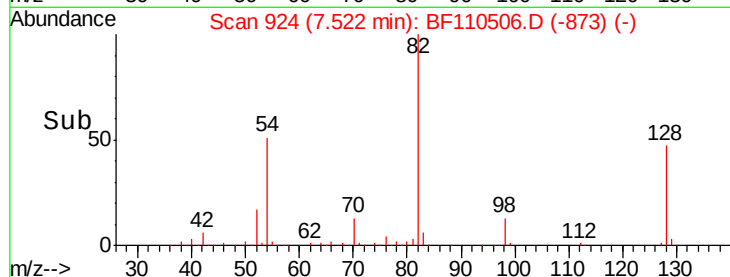
#23
Nitrobenzene-d5
Concen: 71.650 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	514097
Ion Ratio	100	Lower	Upper
128	47.3	34.2	51.2
54	50.6	38.6	58.0

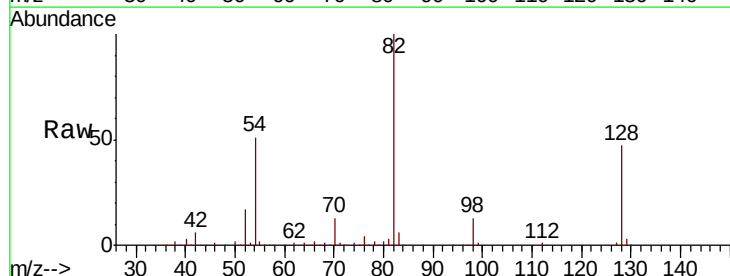


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

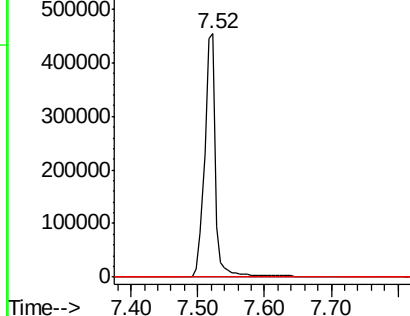
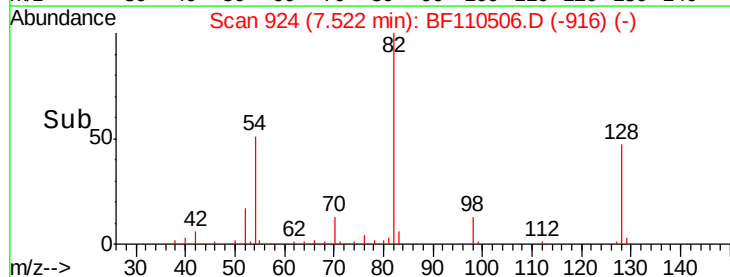


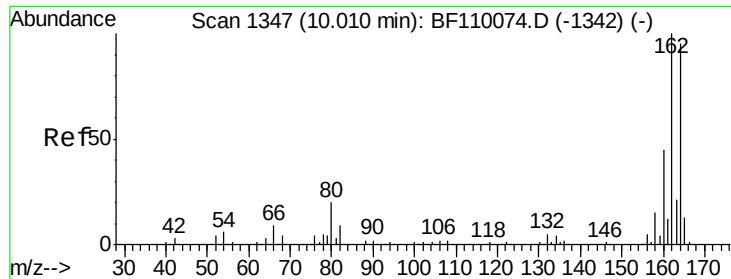
#25
Isophorone
Concen: 42.033 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion	82	Resp	514094
Ion Ratio	100	Lower	Upper
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

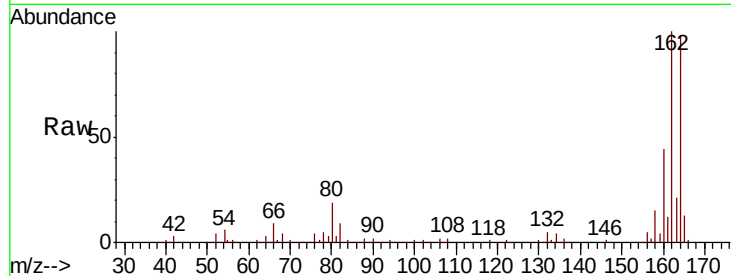




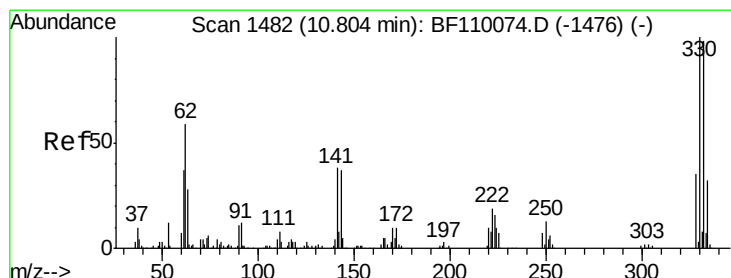
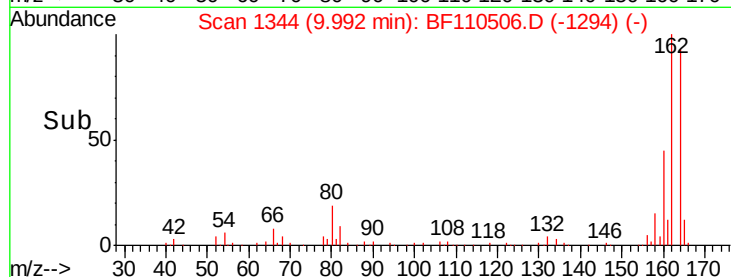
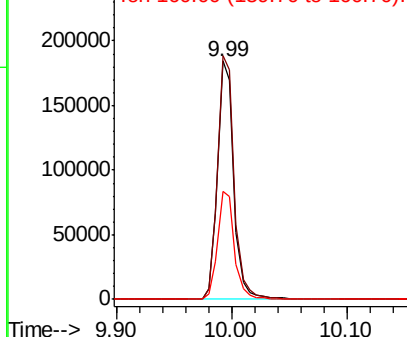
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 181278
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.6
160 45.4 37.0 55.6

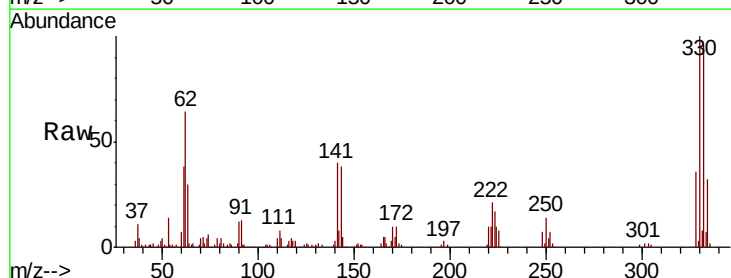


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

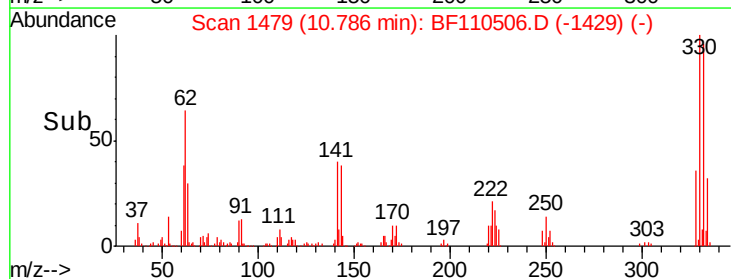
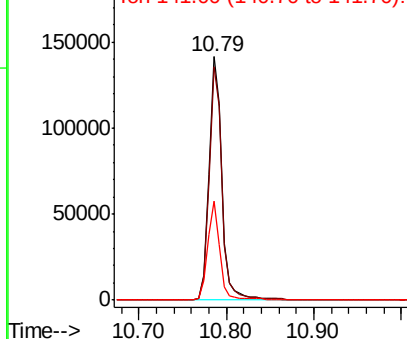


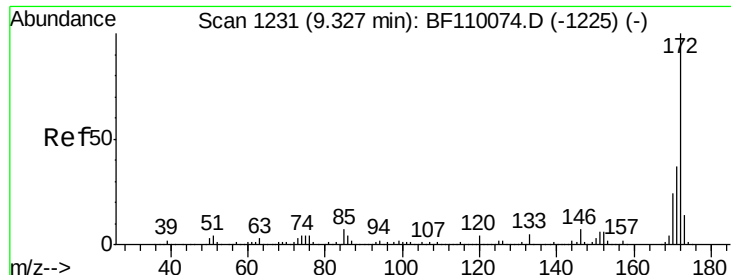
#42
2,4,6-Tribromophenol
Concen: 80.595 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion:330 Resp: 144723
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 38.4 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

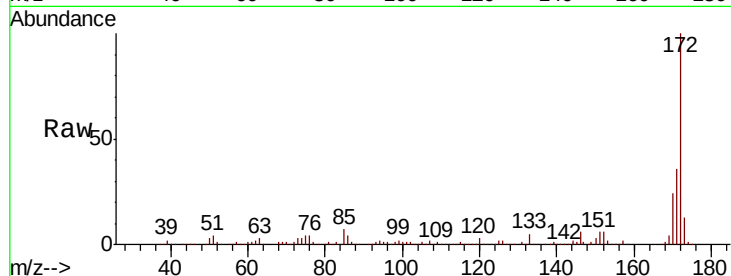




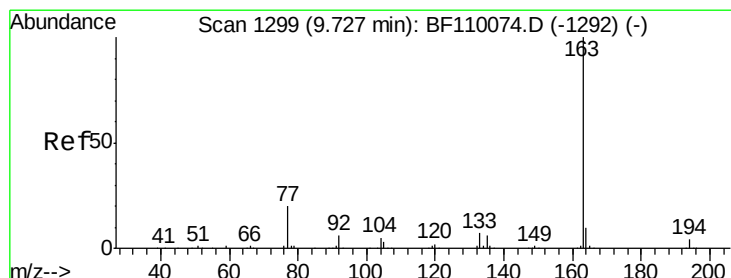
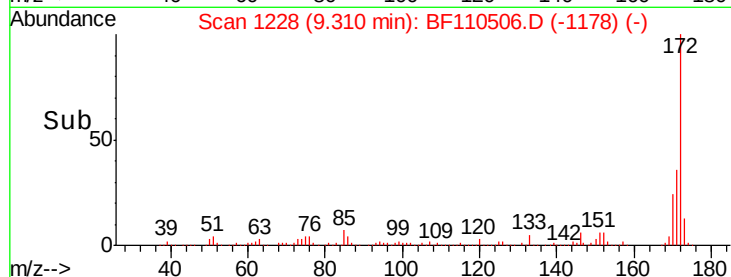
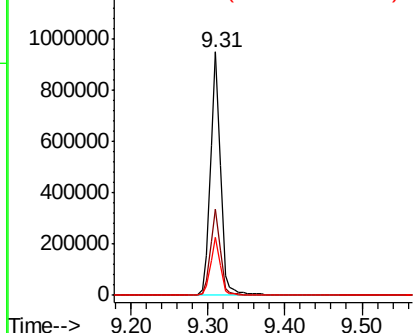
#45
2-Fluorobiphenyl
Concen: 74.384 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 858722
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.0 19.7 29.5

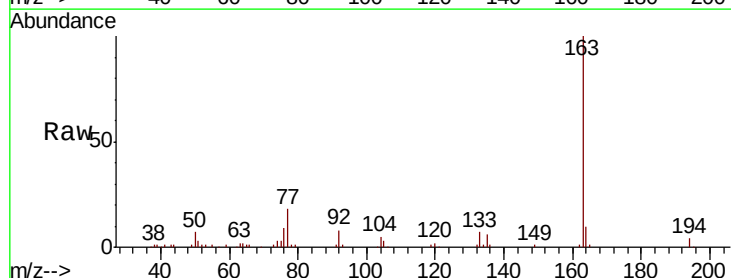


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

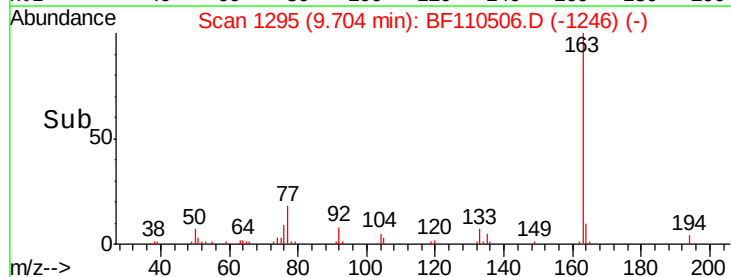
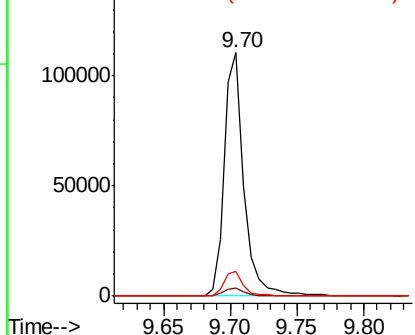


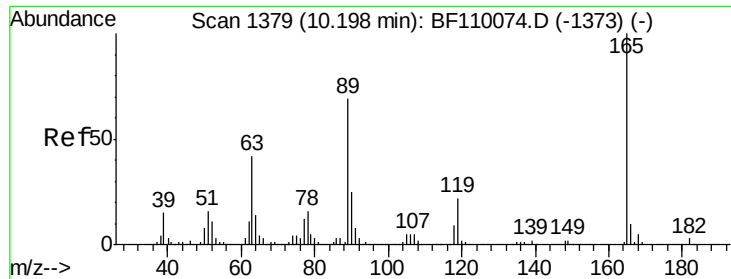
#50
Dimethylphthalate
Concen: 8.593 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion:163 Resp: 114990
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.1 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

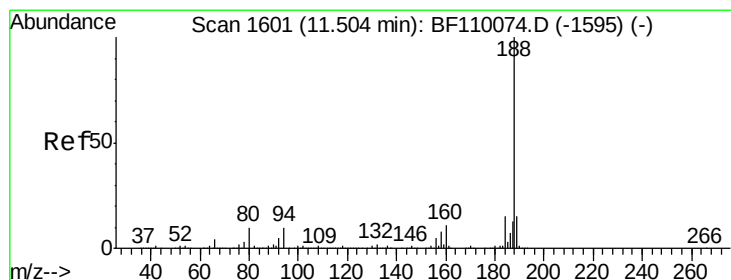
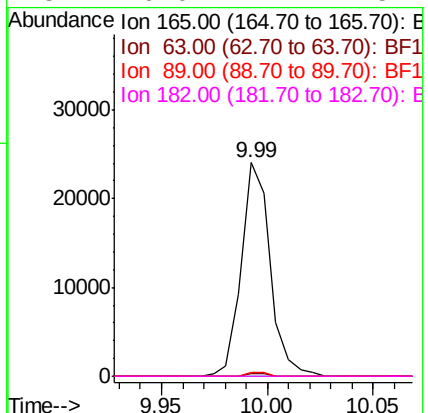
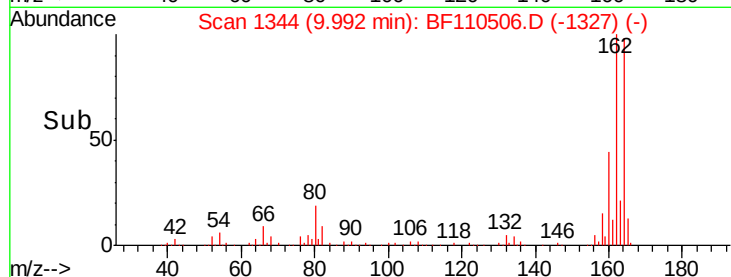
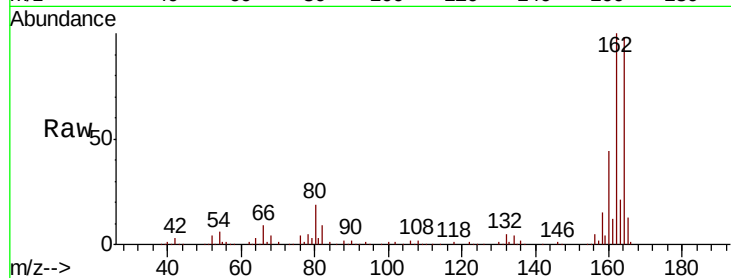




#57
2,4-Dinitrotoluene
Concen: 6.226 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

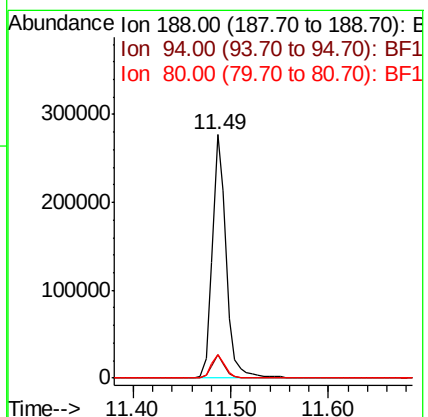
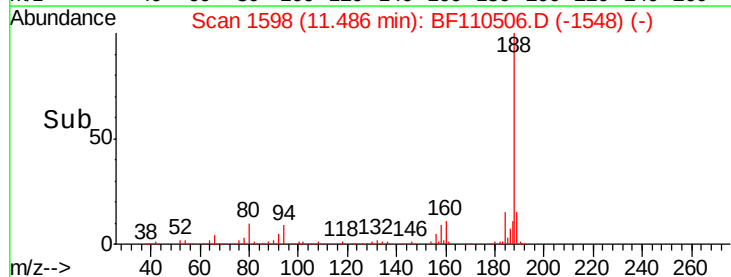
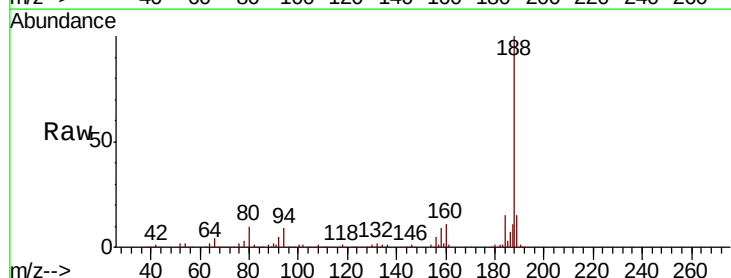
Instrument :
BNA_F
ClientSampleId :

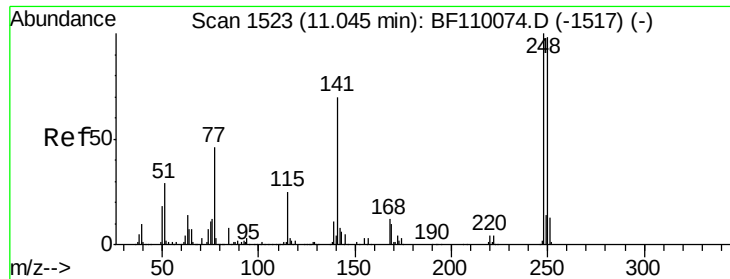
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

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

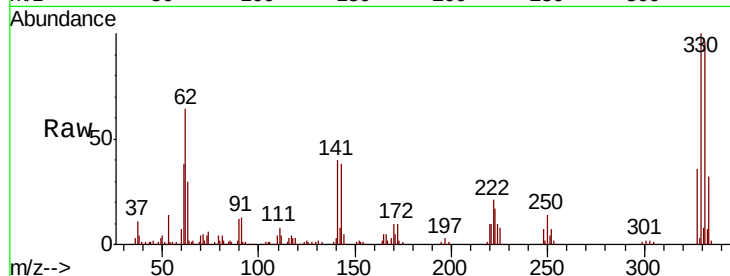




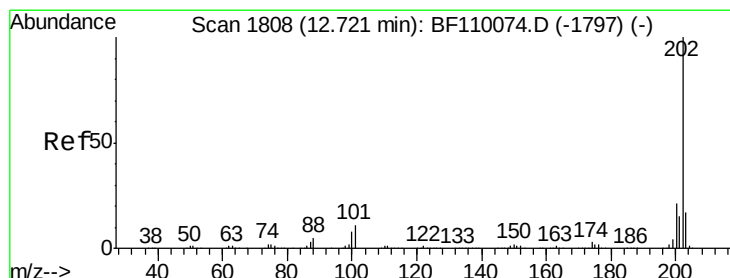
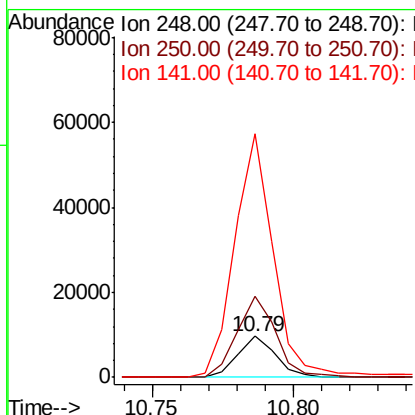
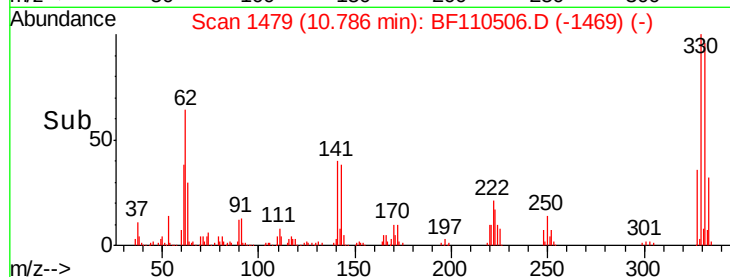
#67
 4-Bromophenyl-phenylether
 Concen: 2.994 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110506.D
 Acq: 6 Nov 2018 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8854
 Ion Ratio Lower Upper
 248 100
 250 197.8 79.4 119.2#
 141 589.3 55.9 83.9#

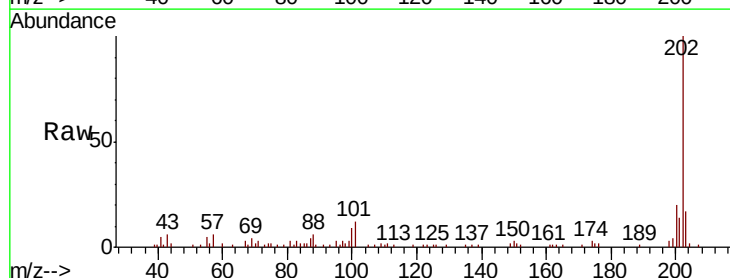


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

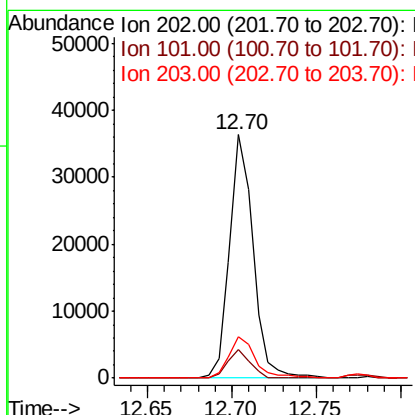
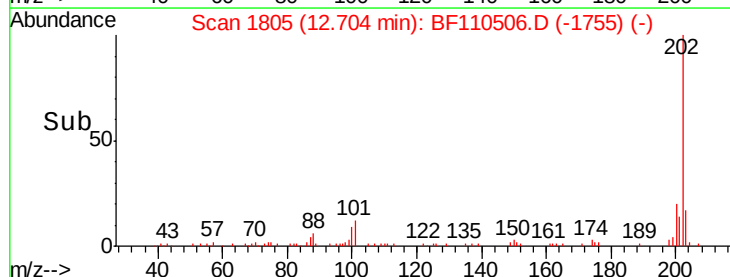


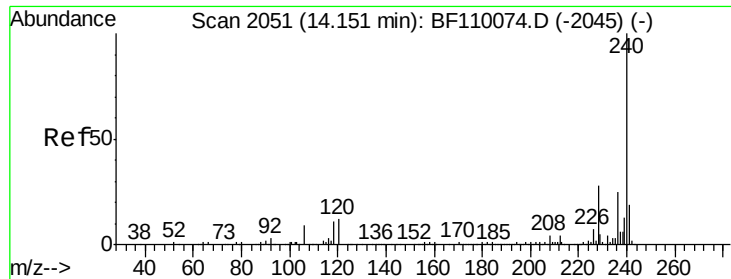
#75
 Fluoranthene
 Concen: 2.445 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110506.D
 Acq: 6 Nov 2018 11:10

Tgt Ion:202 Resp: 35391
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.4
 203 17.1 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

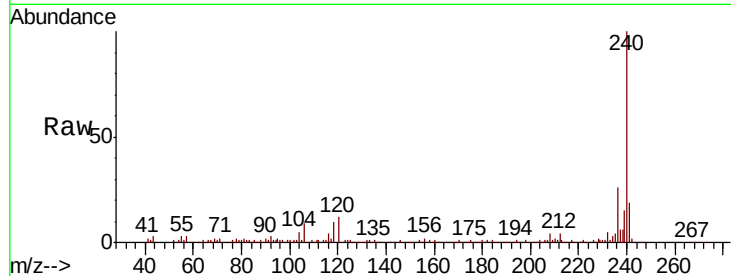




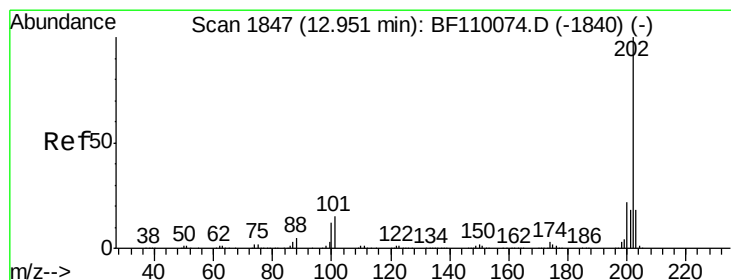
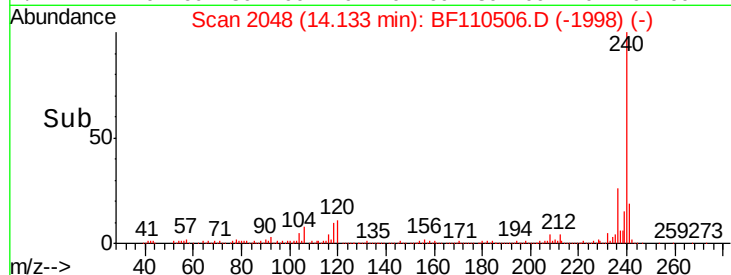
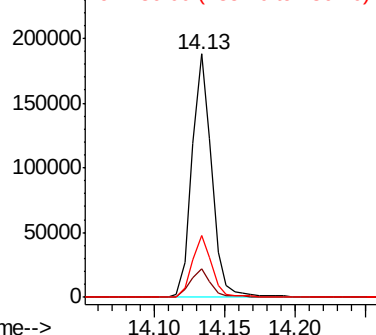
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 183322
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 25.6 21.2 31.8

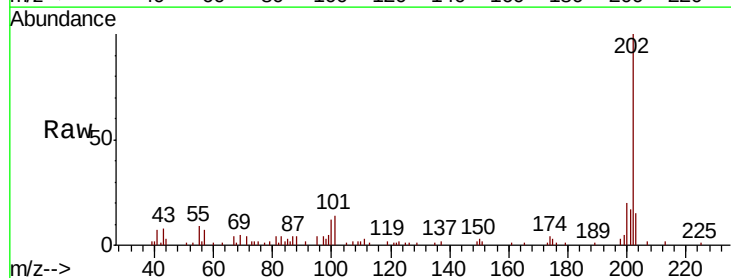


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

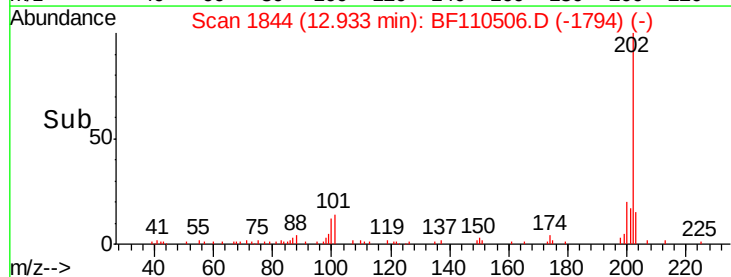
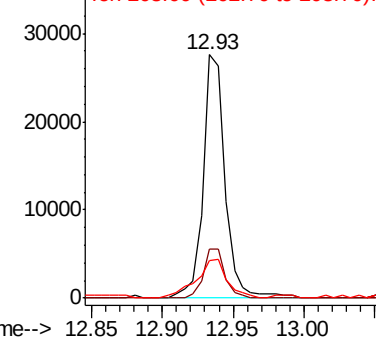


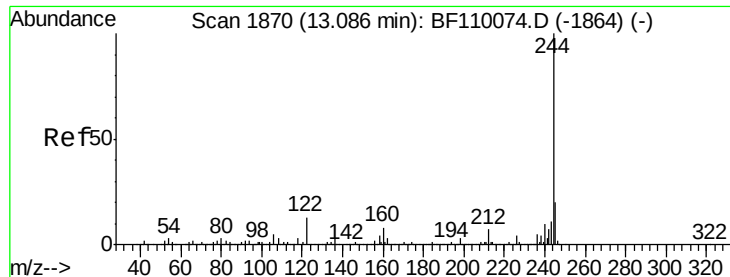
#78
Pyrene
Concen: 2.266 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion:202 Resp: 29780
Ion Ratio Lower Upper
202 100
200 20.4 17.8 26.6
203 15.3 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.463 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110506.D

Acq: 6 Nov 2018 11:10

Instrument :

BNA_F

ClientSampleId :

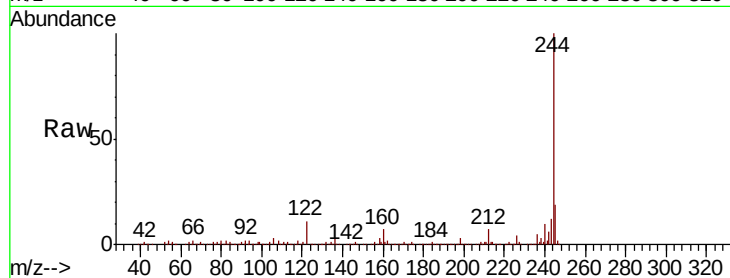
Tot Ion:244 Resp: 524154

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

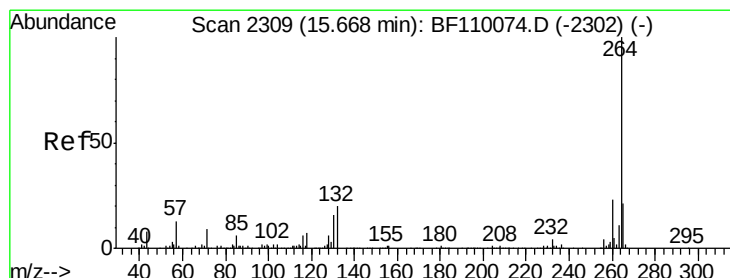
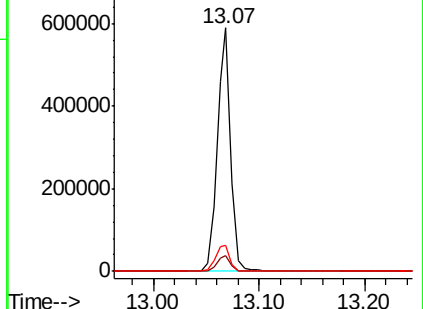
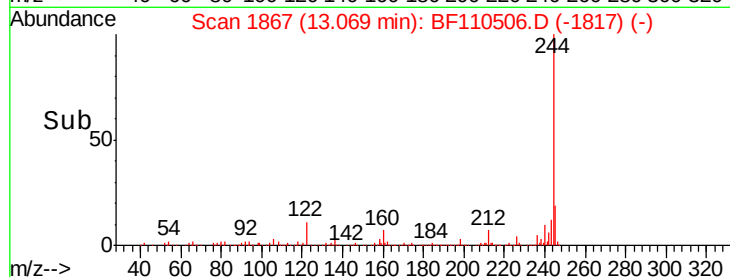
122 10.9 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110506.D

Acq: 6 Nov 2018 11:10

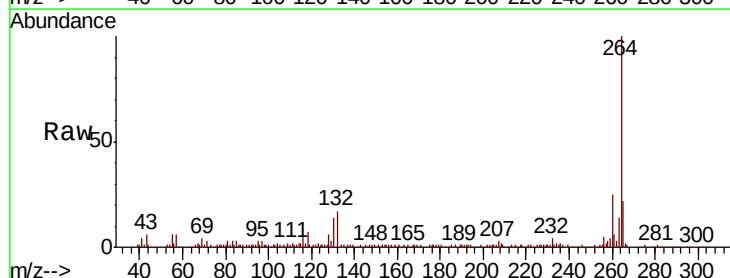
Tgt Ion:264 Resp: 150257

Ion Ratio Lower Upper

264 100

260 24.9 18.7 28.1

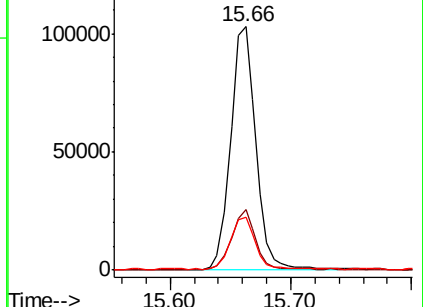
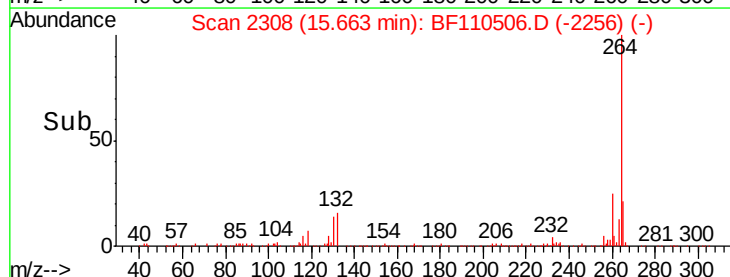
265 21.7 16.7 25.1

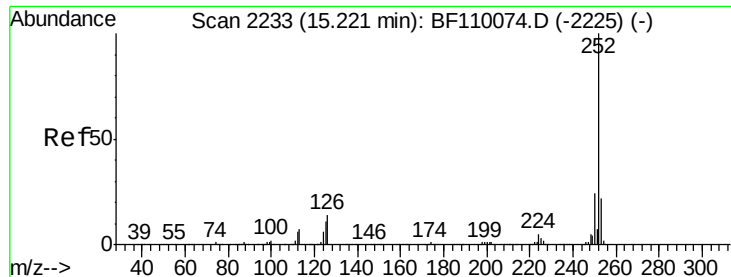


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

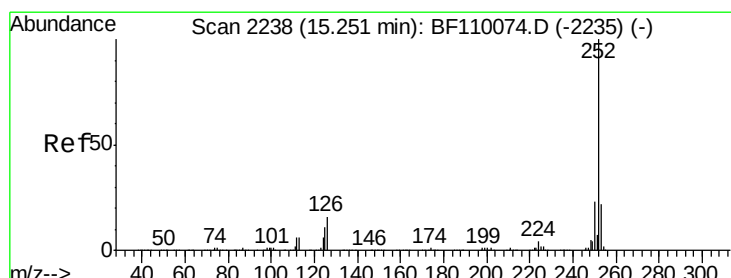
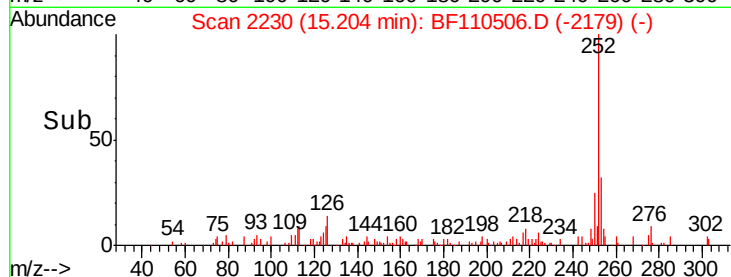
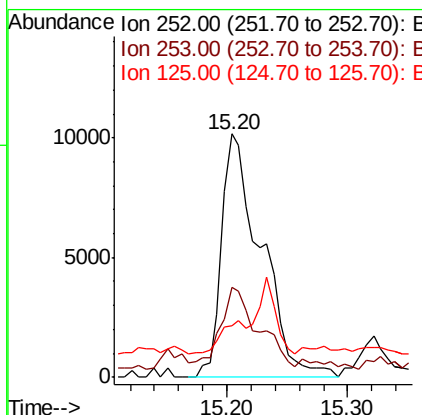
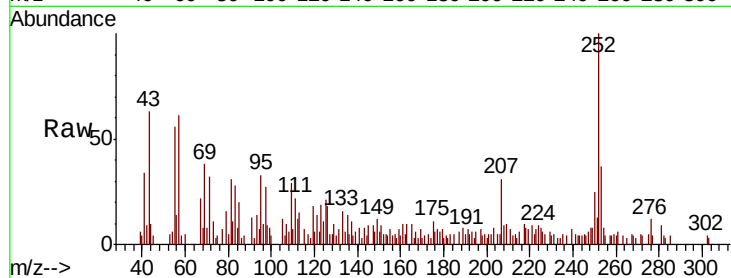




#88
Benzo(b)fluoranthene
Concen: 2.662 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 23094
Ion Ratio Lower Upper
252 100
253 37.1 17.2 25.8#
125 21.1 8.2 12.4#



#89
Benzo(k)fluoranthene
Concen: 2.707 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110506.D
Acq: 6 Nov 2018 11:10

Tgt Ion:252 Resp: 23094
Ion Ratio Lower Upper
252 100
253 37.1 17.2 25.8#
125 21.1 7.4 11.0#

