

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110502.D
 Acq On : 6 Nov 2018 8:57
 Operator : JU/SJ
 Sample : J5745-06
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 09:40:39 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

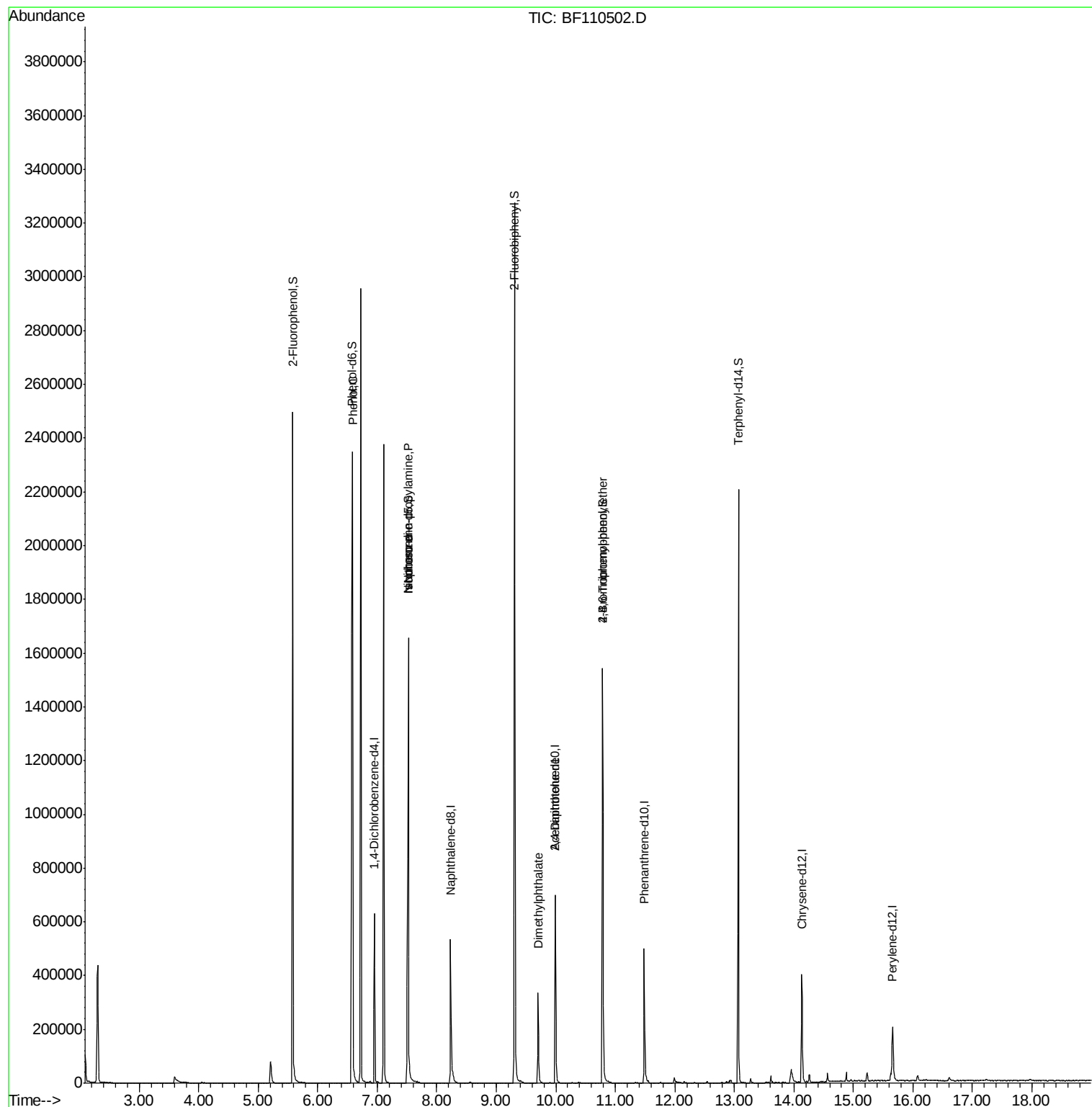
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88370	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	358337	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	157162	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	241872	20.00	ng	0.00
76) Chrysene-d12	14.13	240	160650	20.00	ng	0.00
87) Perylene-d12	15.66	264	124117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	781231	143.96	ng	0.00
7) Phenol-d6	6.58	99	1006941	145.07	ng	0.00
23) Nitrobenzene-d5	7.52	82	640128	105.96	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	193328	124.18	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1050331	104.94	ng	0.00
79) Terphenyl-d14	13.07	244	693365	89.76	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	1773	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	45227	6.096 ng	#	68
19) n-Nitroso-di-n-propylamine	7.52	70	83719	18.801 ng	#	78
25) Isophorone	7.52	82	640124	62.158 ng	#	67
50) Dimethylphthalate	9.70	163	184735	15.924 ng		99
57) 2,4-Dinitrotoluene	9.99	165	19135	6.028 ng	#	18
67) 4-Bromophenyl-phenylether	10.79	248	11918	4.543 ng	#	1

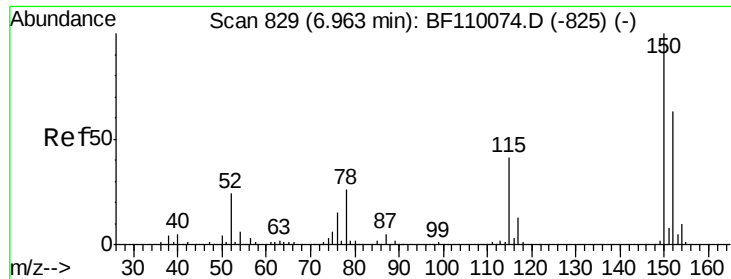
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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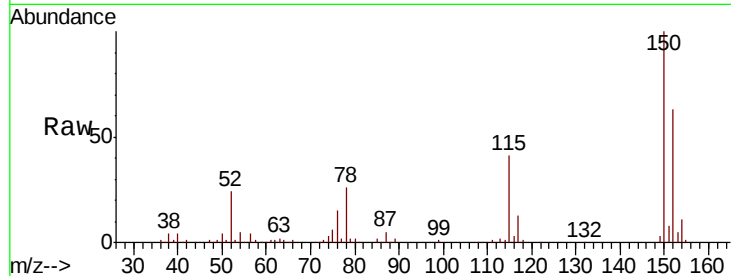




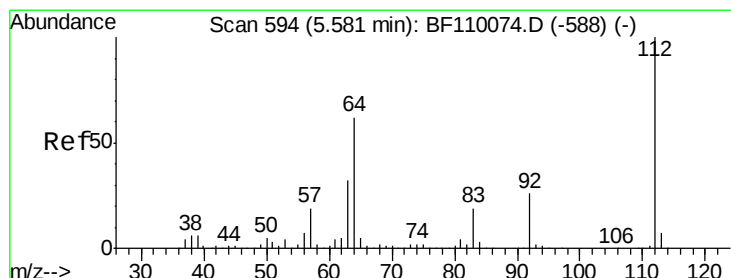
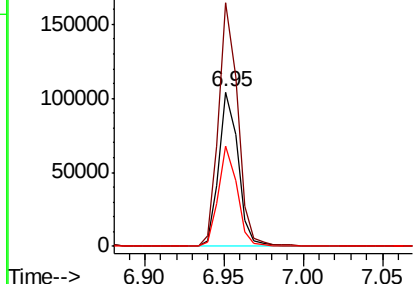
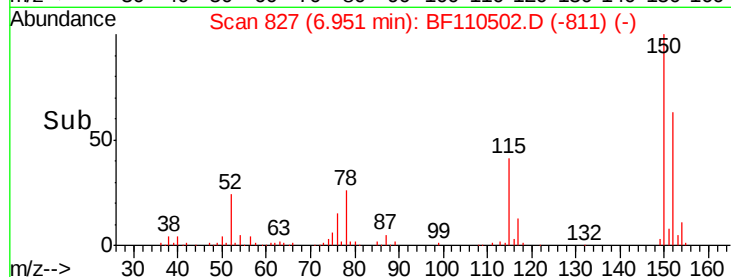
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110502.D
 Acq: 6 Nov 2018 8:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 88370
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.7 184.1
 115 65.0 49.1 73.7

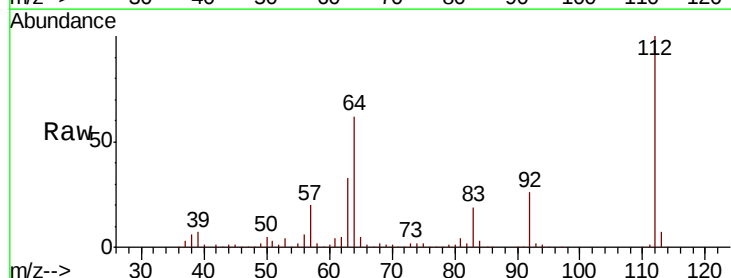


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

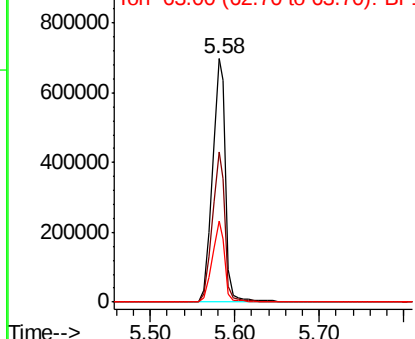
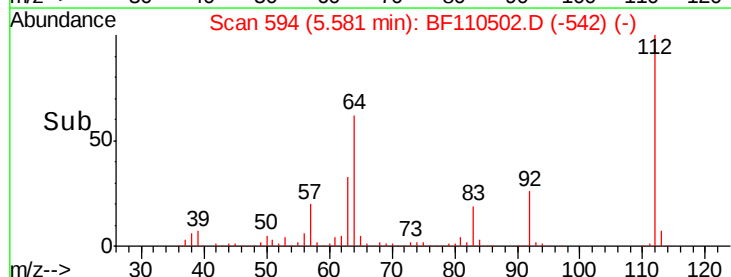


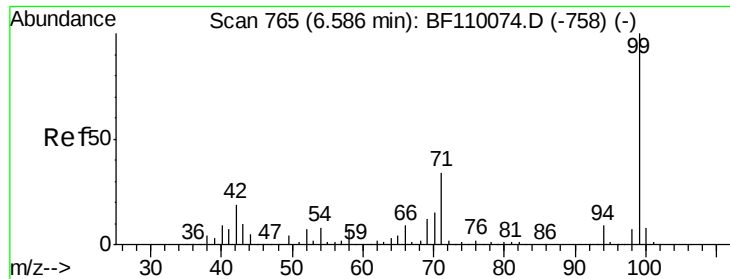
#5
 2-Fluorophenol
 Concen: 143.963 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.01 min
 Lab File: BF110502.D
 Acq: 6 Nov 2018 8:57

Tgt Ion:112 Resp: 781231
 Ion Ratio Lower Upper
 112 100
 64 61.5 44.1 66.1
 63 33.1 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: 145.070 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110502.D

Acq: 6 Nov 2018 8:57

Instrument :

BNA_F

ClientSampled :

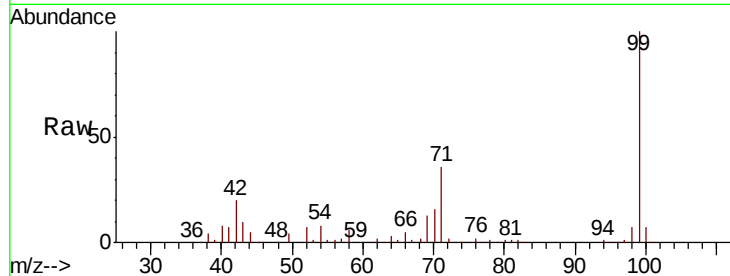
Tot Ion: 99 Resp: 1006941

Ion Ratio Lower Upper

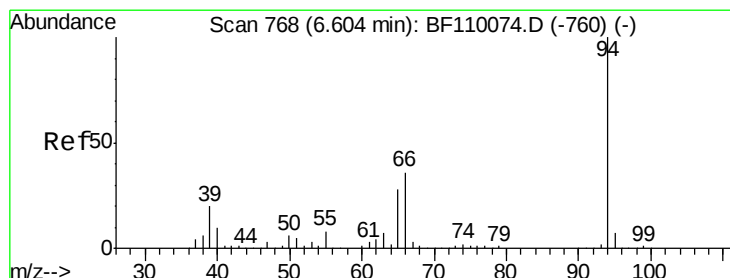
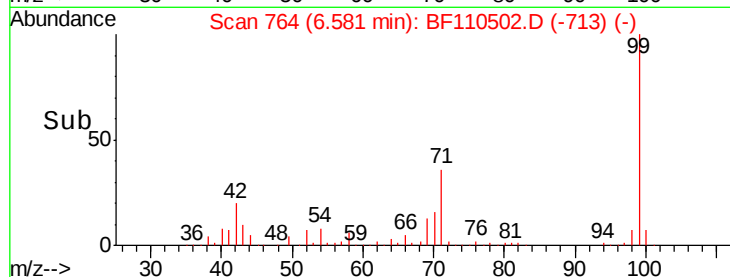
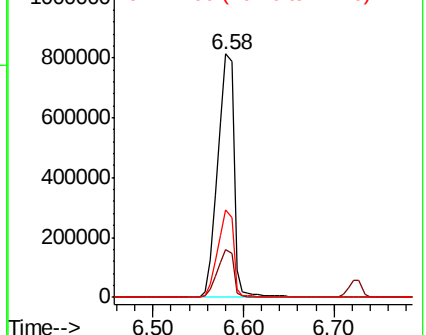
99 100

42 19.7 15.8 23.6

71 36.0 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: 6.096 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110502.D

Acq: 6 Nov 2018 8:57

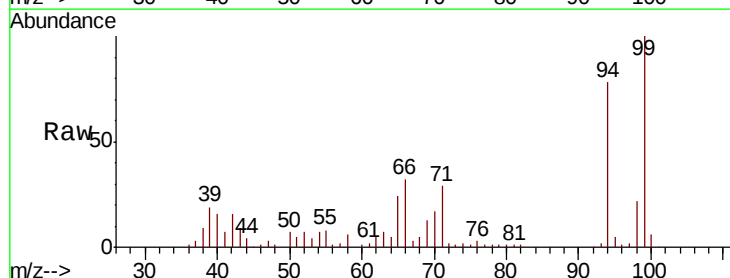
Tgt Ion: 94 Resp: 45227

Ion Ratio Lower Upper

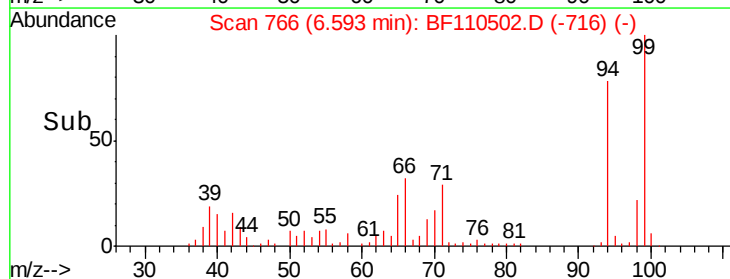
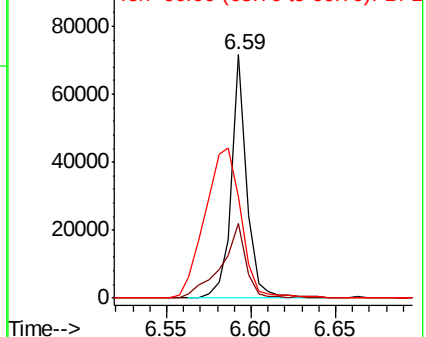
94 100

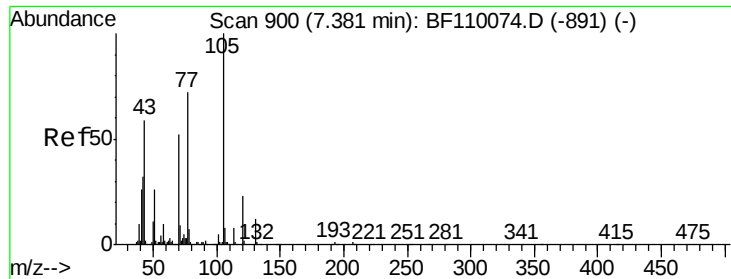
65 30.5 25.3 65.3

66 41.9 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

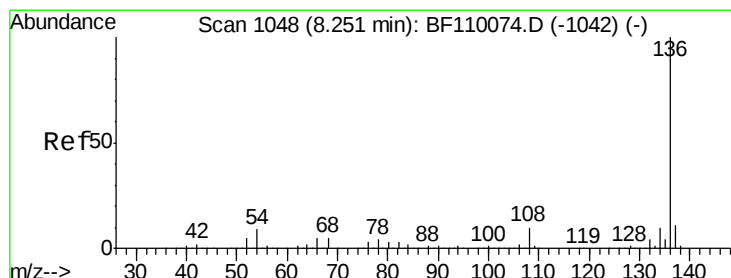
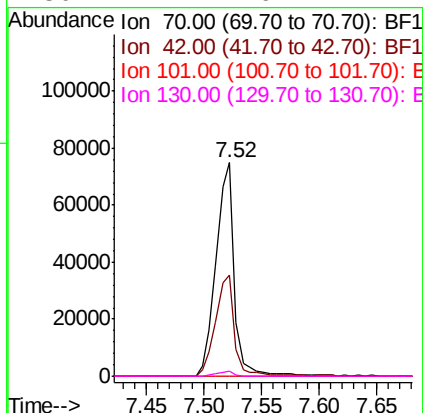
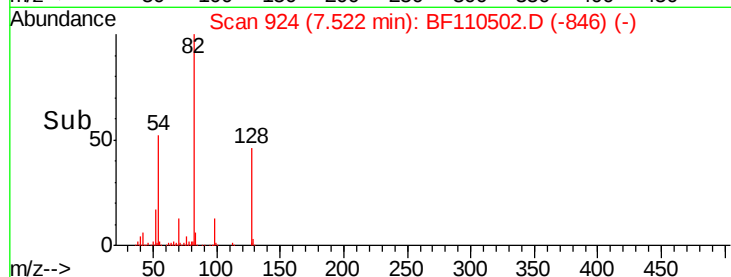
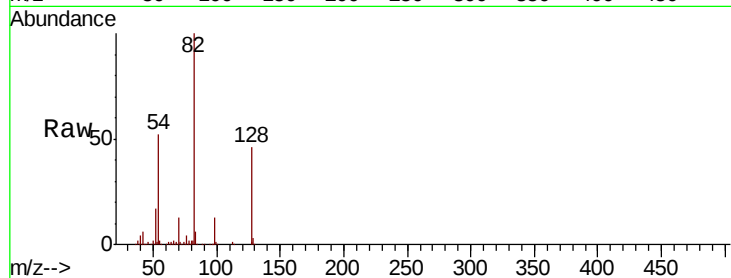




#19
n-Nitroso-di-n-propylamine
Concen: 18.801 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110502.D
Acq: 6 Nov 2018 8:57

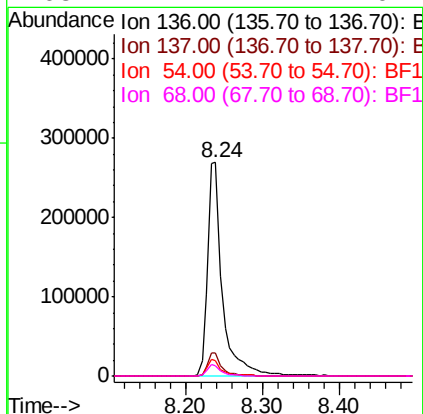
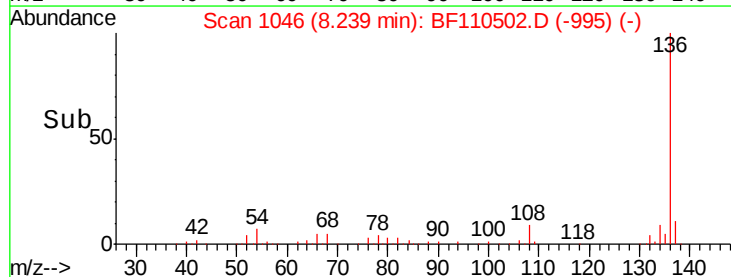
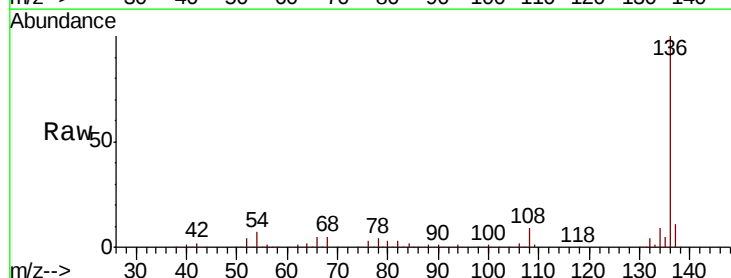
Instrument :
BNA_F
ClientSampleId :

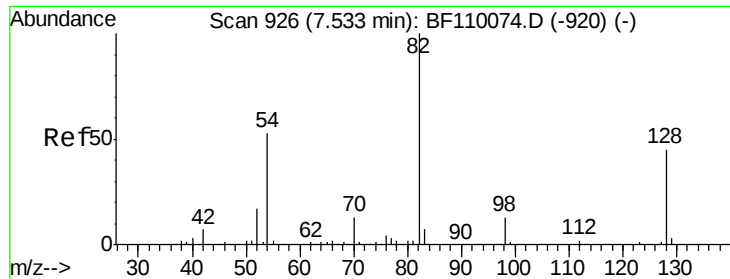
Tot Ion: 70 Resp: 83719
Ion Ratio Lower Upper
70 100
42 47.3 47.4 71.2#
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110502.D
Acq: 6 Nov 2018 8:57

Tgt Ion: 136 Resp: 358337
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.1 5.4 8.2
68 4.7 4.2 6.2

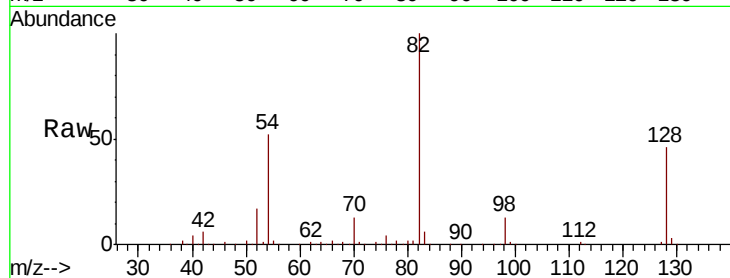




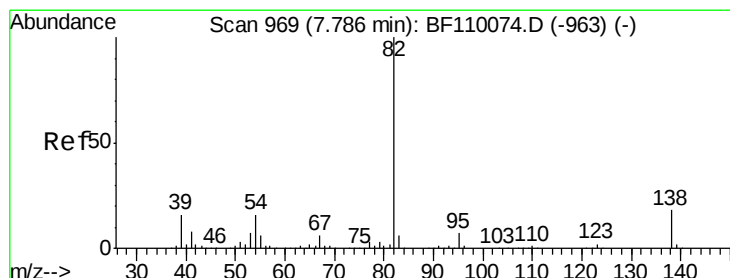
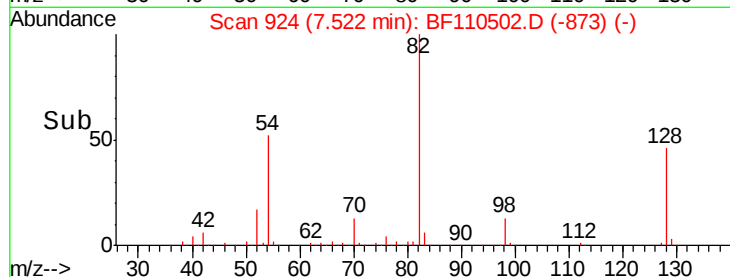
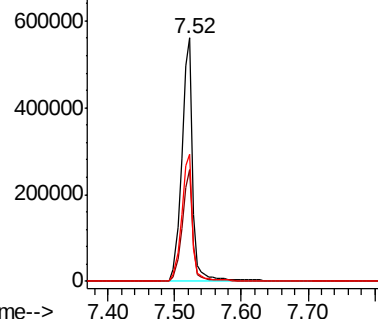
#23
Nitrobenzene-d5
Concen: 105.956 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110502.D
Acq: 6 Nov 2018 8:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	640128
Ion Ratio	100	Lower	Upper
128	46.1	34.2	51.2
54	52.5	38.6	58.0

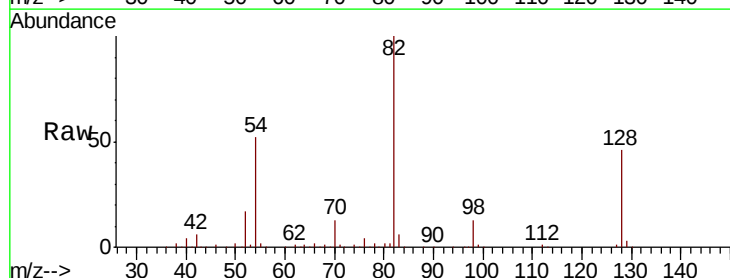


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

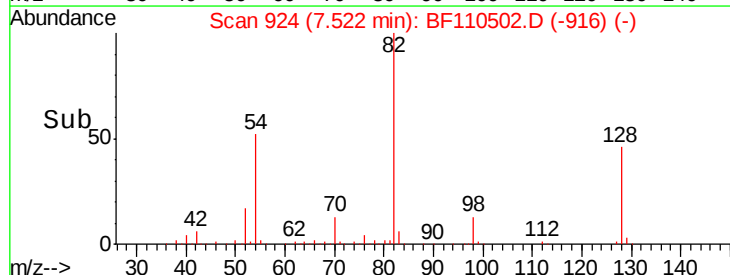
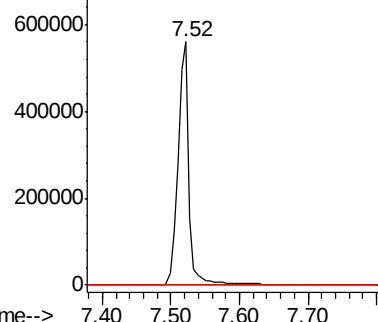


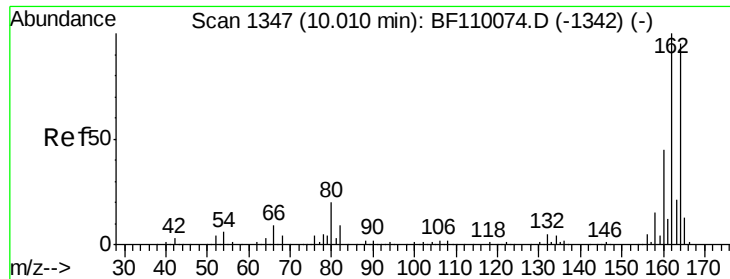
#25
Isophorone
Concen: 62.158 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110502.D
Acq: 6 Nov 2018 8:57

Tgt Ion	82	Resp	640124
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: BF110502.D

Acq: 6 Nov 2018 8:57

Instrument :

BNA_F

ClientSampleId :

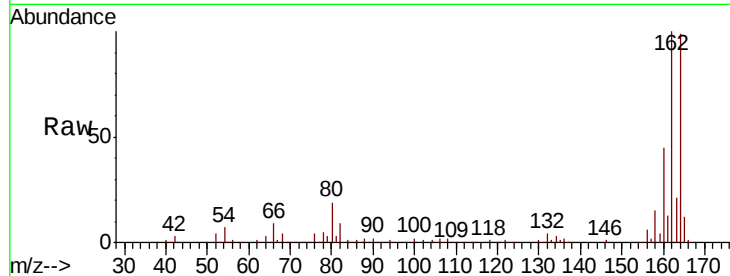
Tot Ion:164 Resp: 157162

Ion Ratio Lower Upper

164 100

162 101.5 83.0 124.6

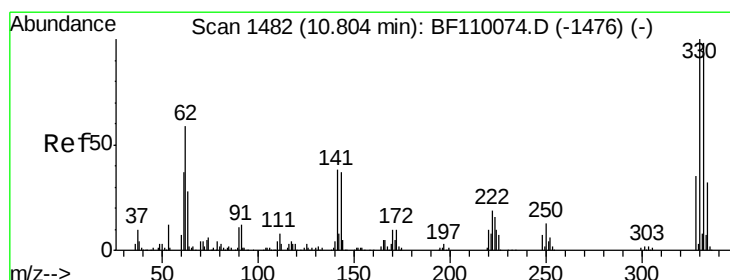
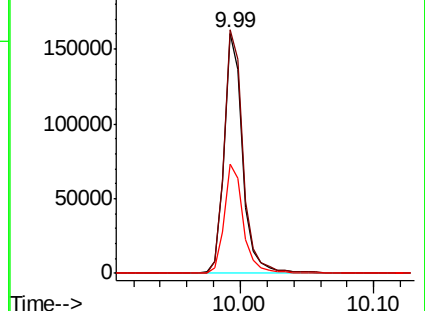
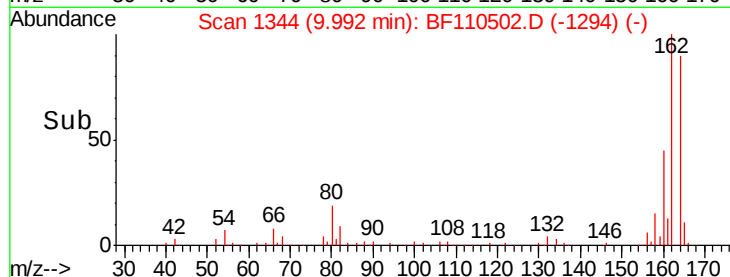
160 45.7 37.0 55.6



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: 124.183 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110502.D

Acq: 6 Nov 2018 8:57

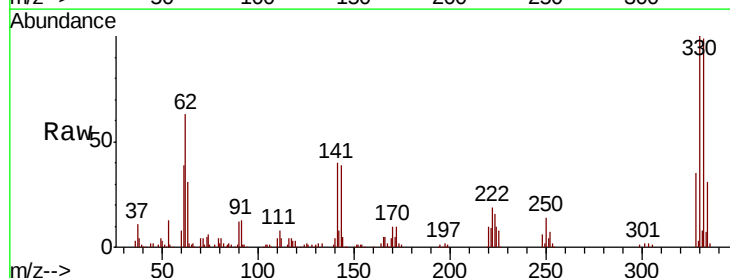
Tgt Ion:330 Resp: 193328

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

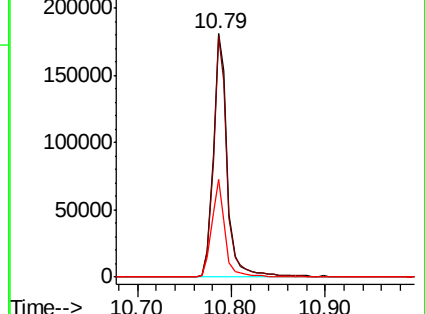
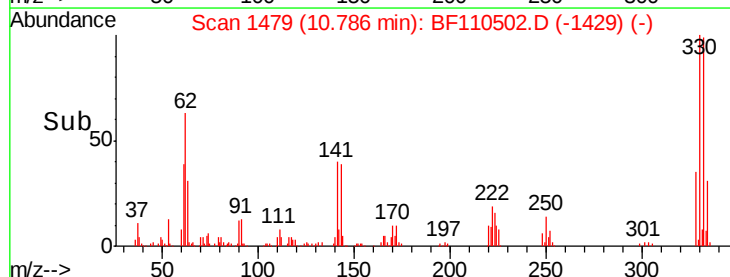
141 37.7 27.0 40.4

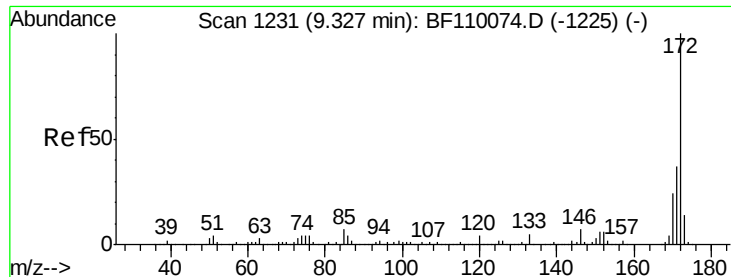


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

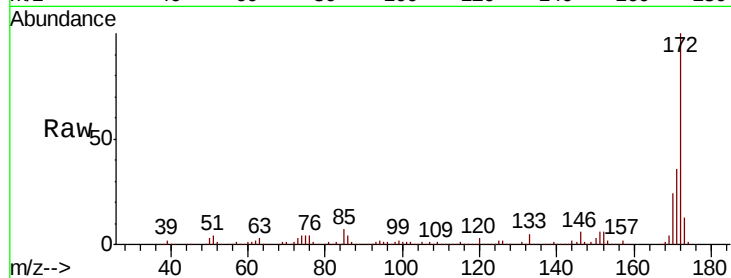




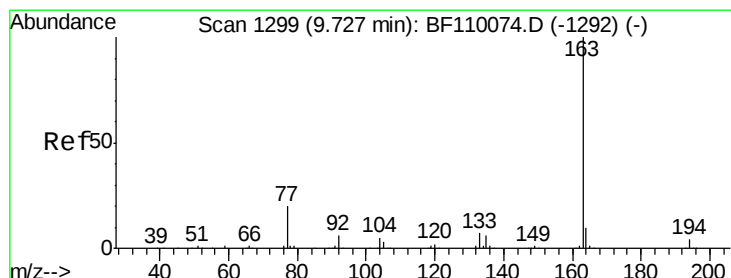
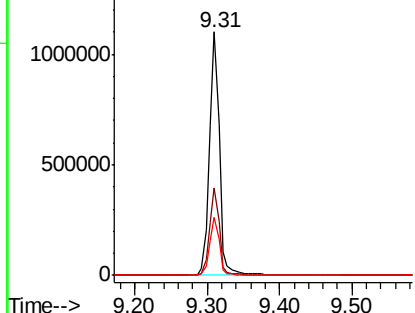
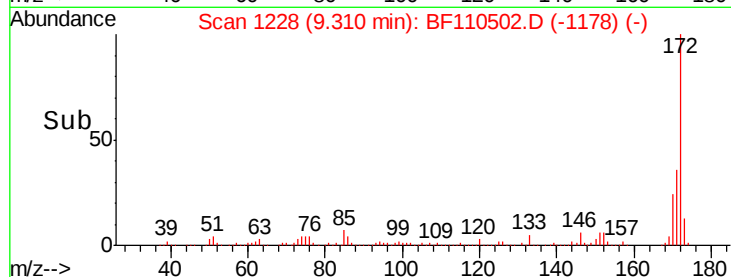
#45
2-Fluorobiphenyl
Concen: 104.942 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110502.D
Acq: 6 Nov 2018 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1050331
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.0 19.7 29.5

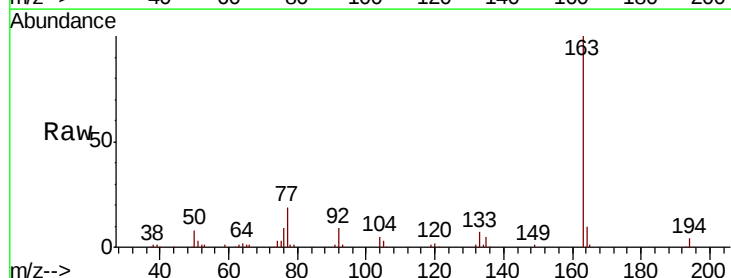


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

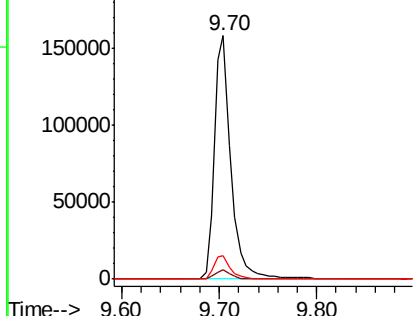
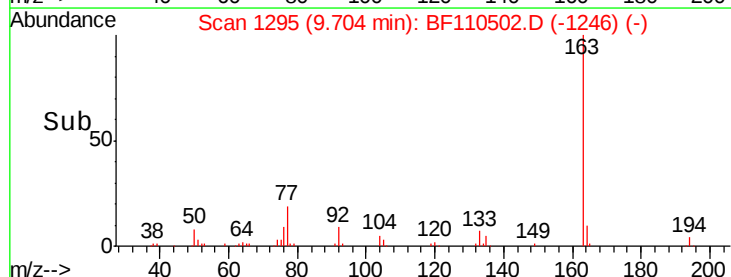


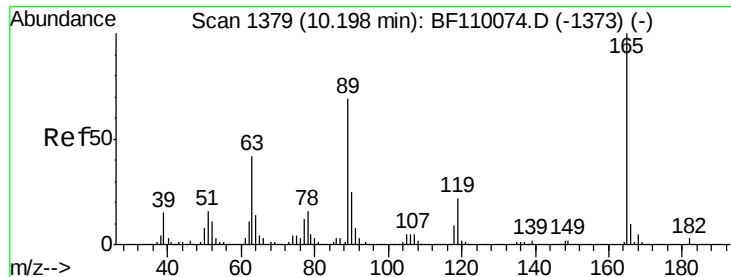
#50
Dimethylphthalate
Concen: 15.924 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110502.D
Acq: 6 Nov 2018 8:57

Tgt Ion:163 Resp: 184735
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

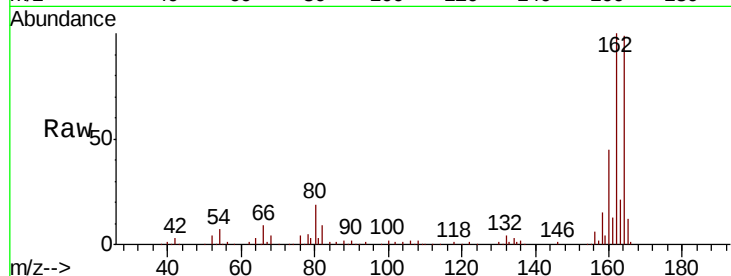




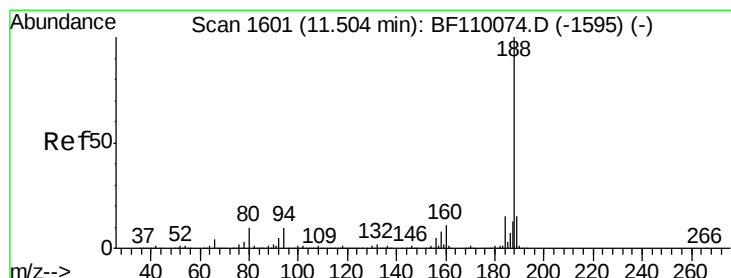
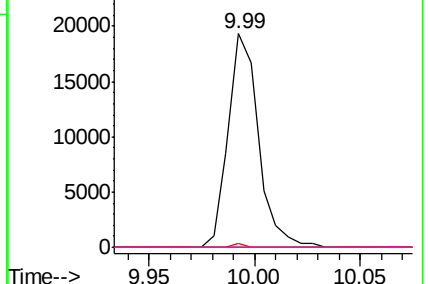
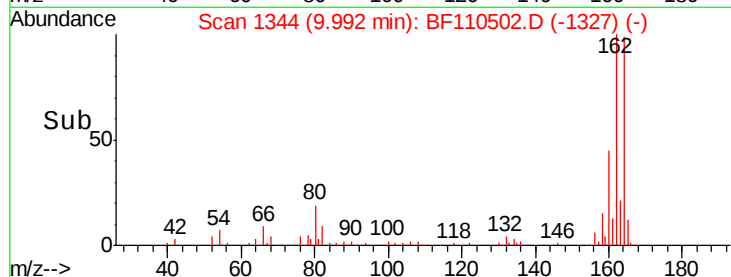
#57
2,4-Dinitrotoluene
Concen: 6.028 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110502.D
Acq: 6 Nov 2018 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	19135
Ion Ratio	Lower	Upper	
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#

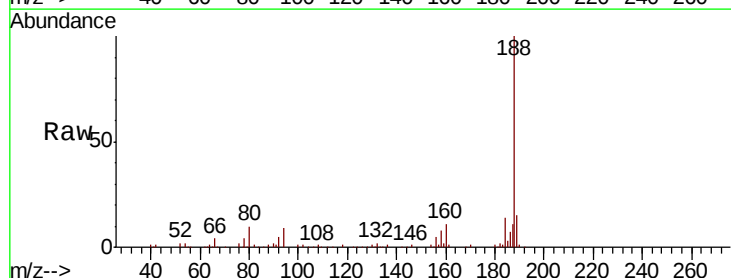


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

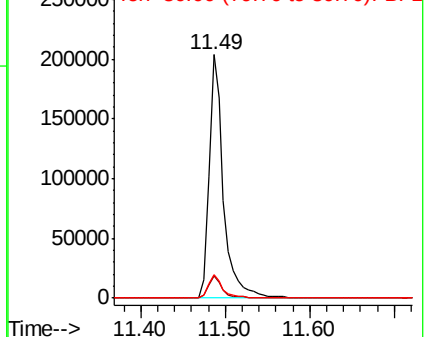
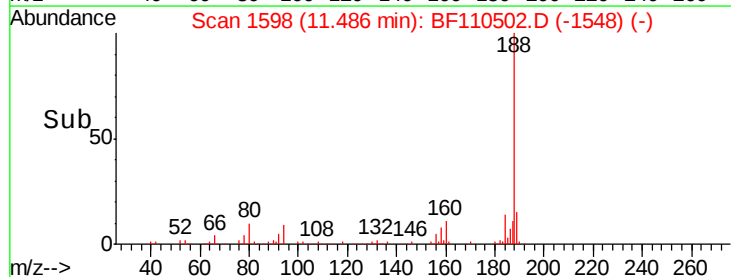


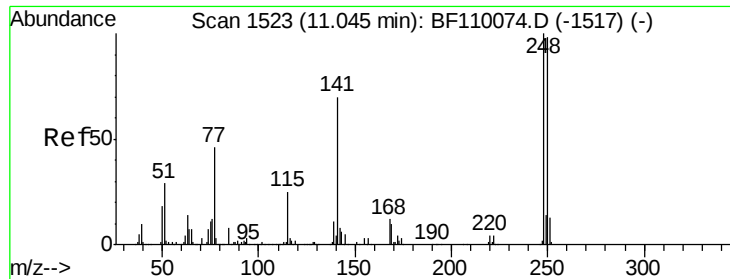
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110502.D
Acq: 6 Nov 2018 8:57

Tgt Ion:	188	Resp:	241872
Ion Ratio	Lower	Upper	
188	100		
94	9.0	7.2	10.8
80	9.8	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

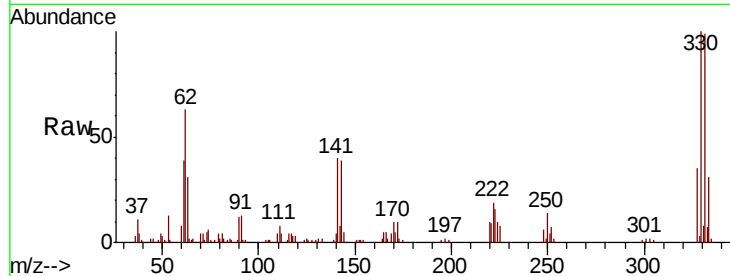




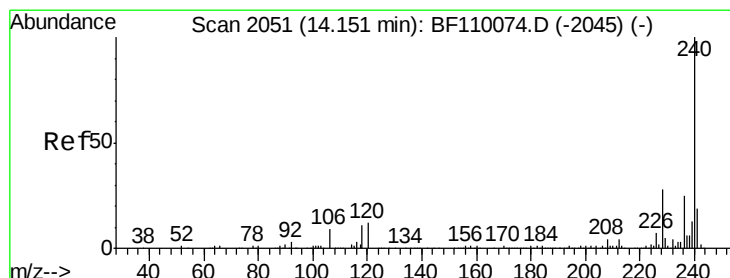
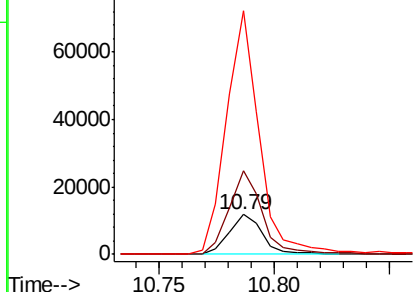
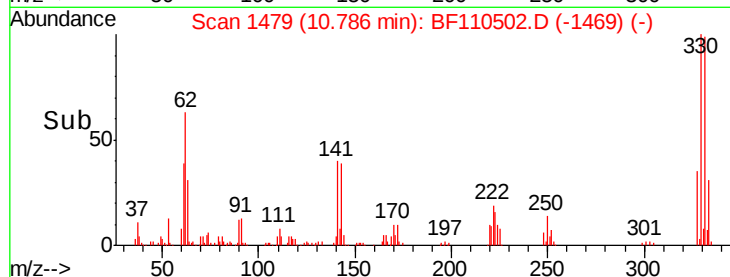
#67
 4-Bromophenyl-phenylether
 Concen: 4.543 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110502.D
 Acq: 6 Nov 2018 8:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11918
 Ion Ratio Lower Upper
 248 100
 250 211.4 79.4 119.2#
 141 614.9 55.9 83.9#

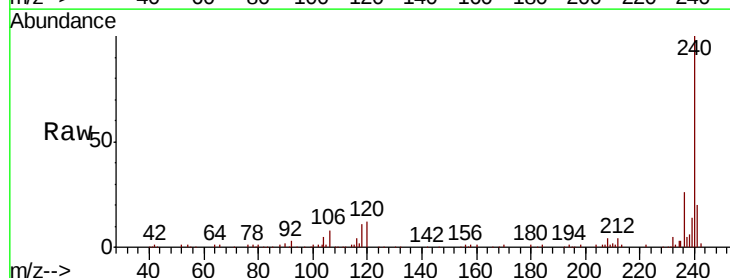


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

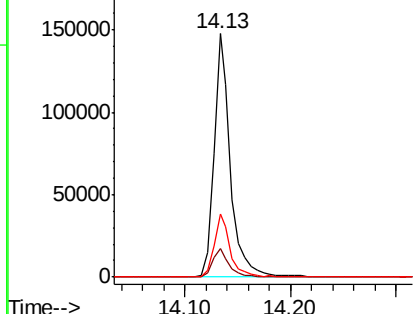
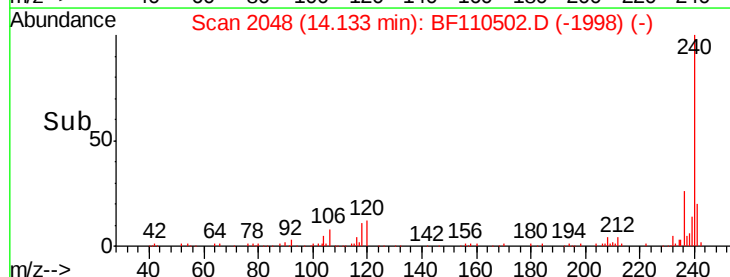


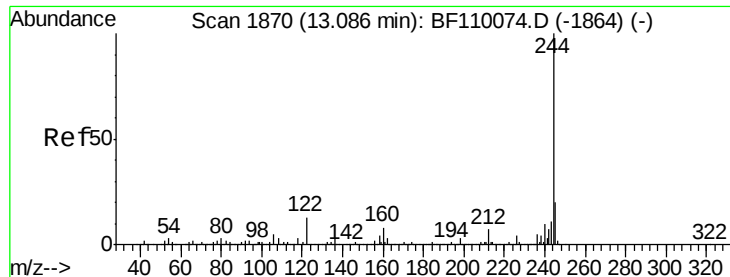
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110502.D
 Acq: 6 Nov 2018 8:57

Tgt Ion:240 Resp: 160650
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.3 12.5
 236 26.0 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





#79

Terphenyl-d14

Concen: 89.760 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110502.D

Acq: 6 Nov 2018 8:57

Instrument :

BNA_F

ClientSampleId :

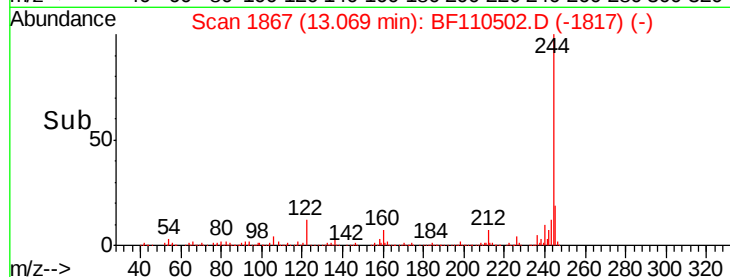
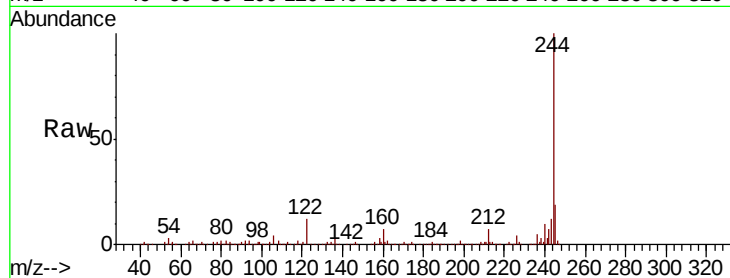
Tot Ion:244 Resp: 693365

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

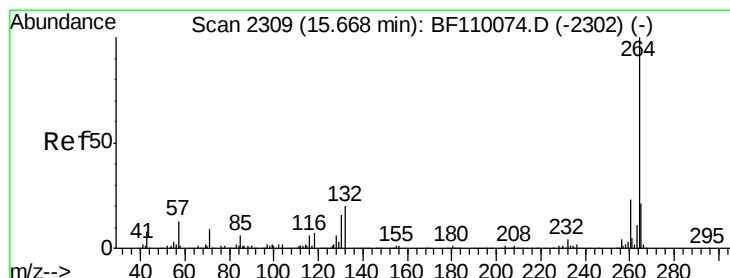
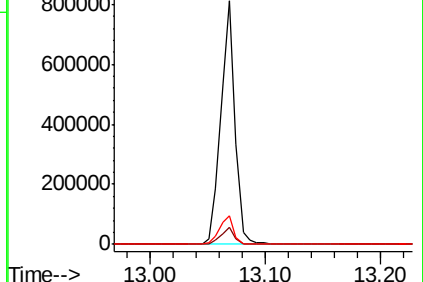
122 11.5 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110502.D

Acq: 6 Nov 2018 8:57

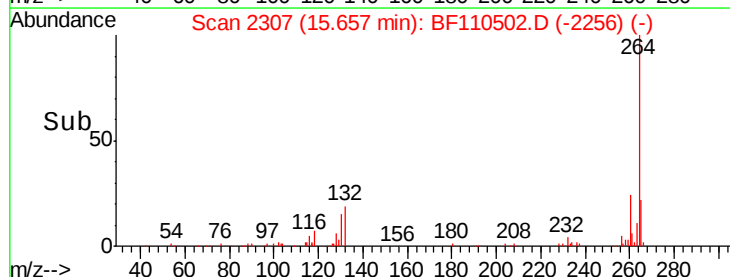
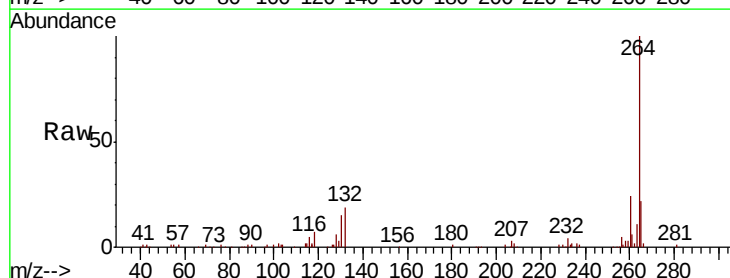
Tgt Ion:264 Resp: 124117

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.8 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

