

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110273.D
 Acq On : 29 Oct 2018 20:24
 Operator : JU/SJ
 Sample : J5691-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:04:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

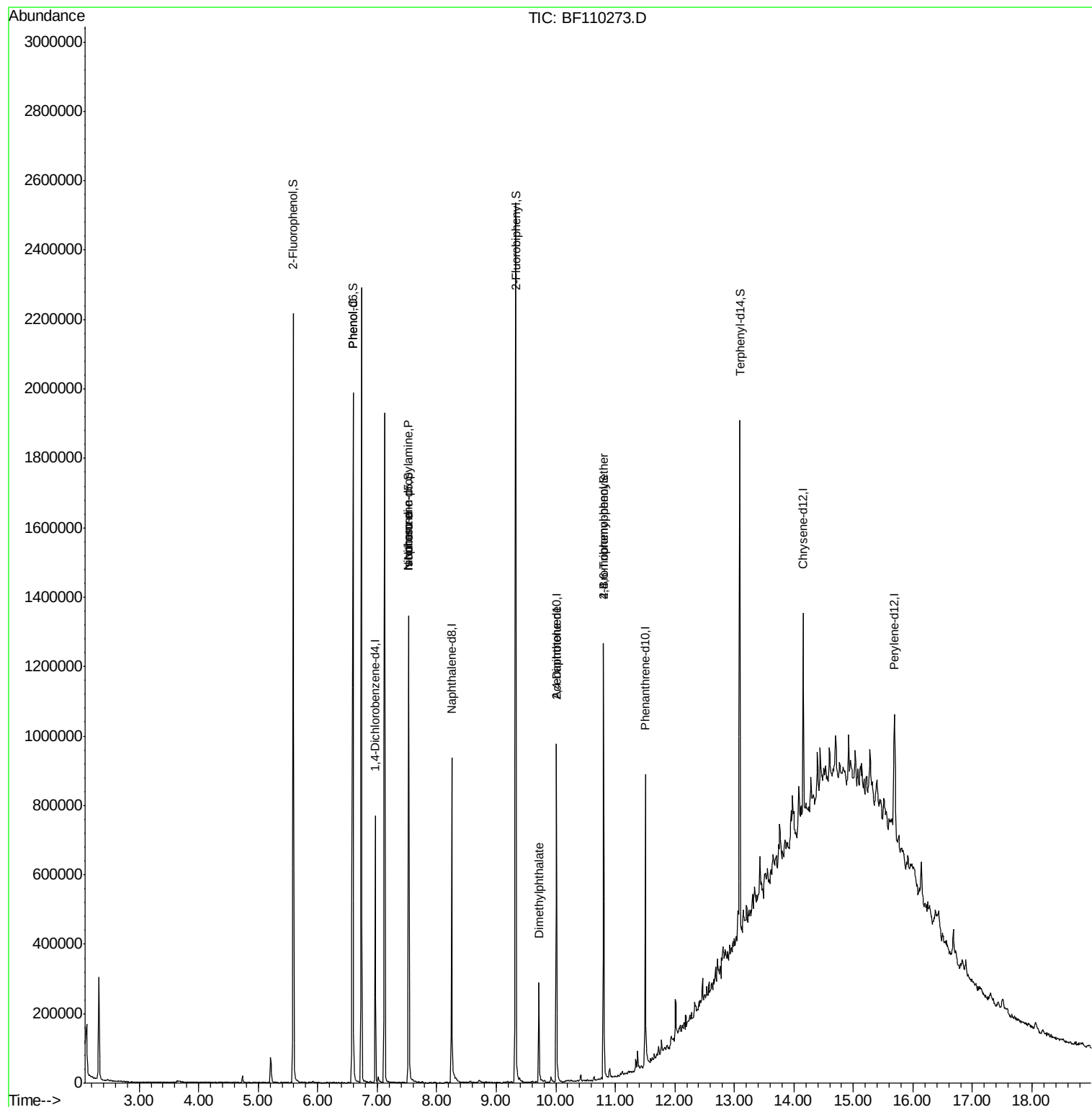
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109837	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	453115	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	197331	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	297930	20.00	ng	0.00
76) Chrysene-d12	14.16	240	192328	20.00	ng	0.00
87) Perylene-d12	15.70	264	158048	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	589926	87.46	ng	0.00
7) Phenol-d6	6.59	99	754645	87.47	ng	0.00
23) Nitrobenzene-d5	7.53	82	464444	60.80	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	145475	74.42	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	855417	68.07	ng	0.00
79) Terphenyl-d14	13.09	244	519787	56.21	ng	0.00
Target Compounds						
10) Phenol	6.60	94	37405	4.056	ng	# 75
19) n-Nitroso-di-n-propylamine	7.53	70	61835	11.172	ng	# 82
25) Isophorone	7.53	82	464437	35.665	ng	# 67
50) Dimethylphthalate	9.72	163	125953	8.647	ng	# 99
57) 2,4-Dinitrotoluene	10.01	165	23993	6.020	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	9298	2.877	ng	# 1

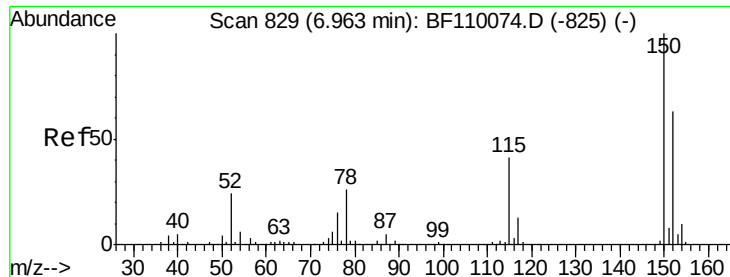
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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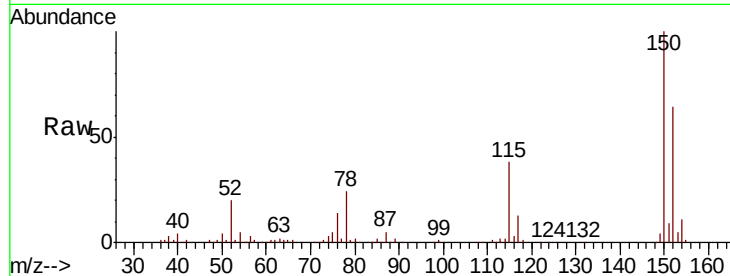


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.7	184.1
115	60.2	49.1	73.7

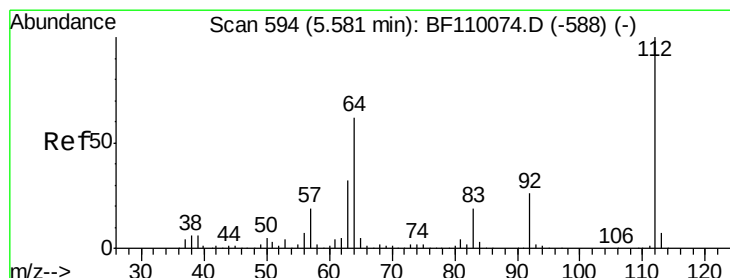
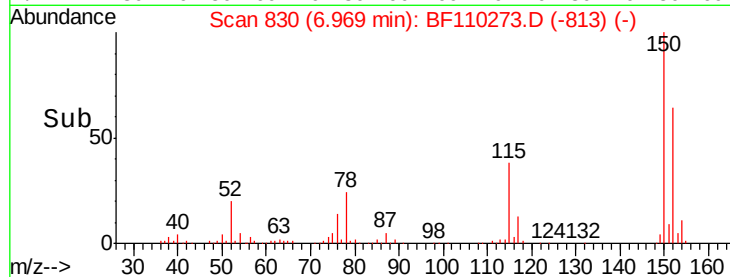
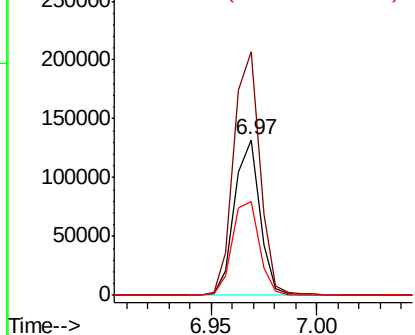


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

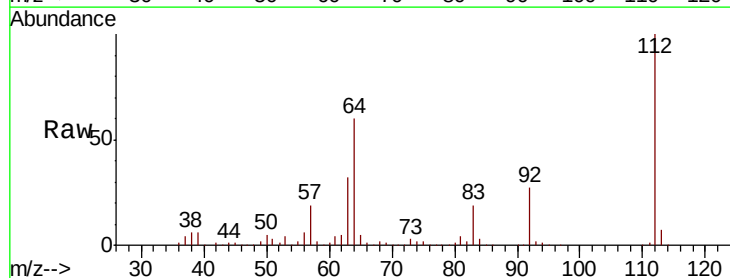
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.463 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.1	66.1
63	32.0	23.7	35.5

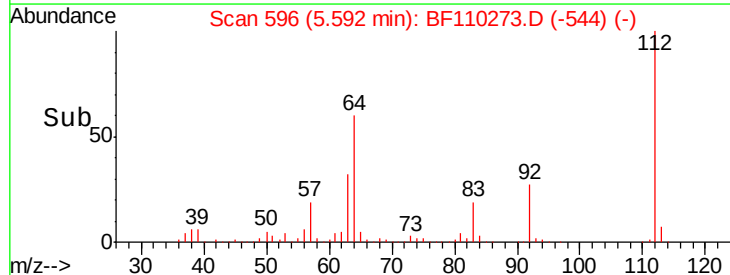
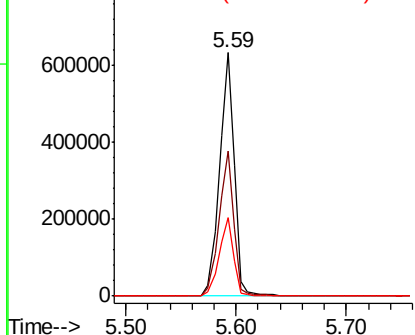


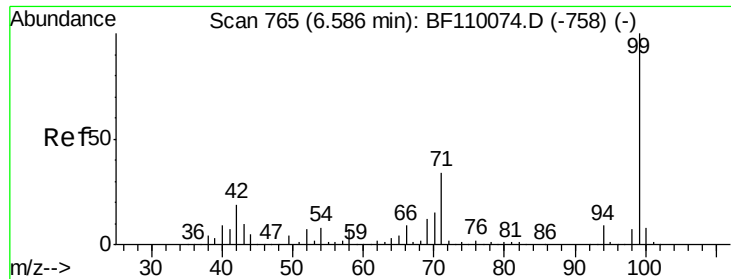
Abundance

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: 87.473 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110273.D

Acq: 29 Oct 2018 20:24

Instrument :

BNA_F

ClientSampled :

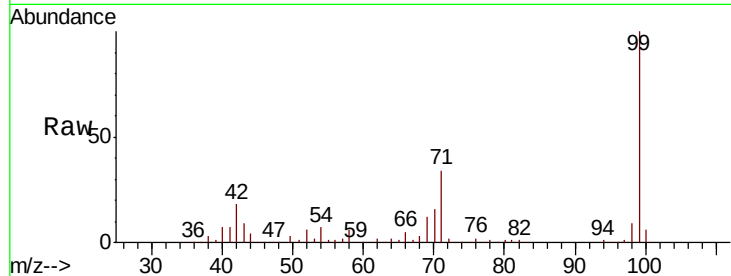
Tot Ion: 99 Resp: 754645

Ion Ratio Lower Upper

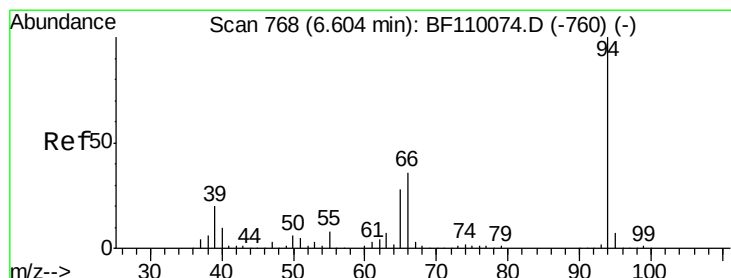
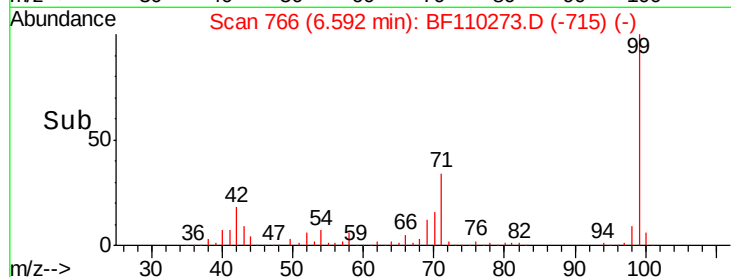
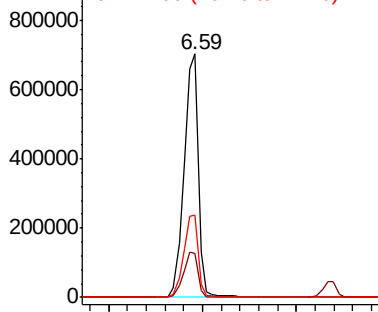
99 100

42 18.2 15.8 23.6

71 33.6 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: 4.056 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110273.D

Acq: 29 Oct 2018 20:24

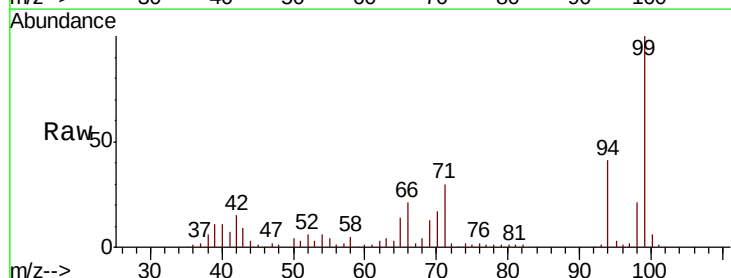
Tgt Ion: 94 Resp: 37405

Ion Ratio Lower Upper

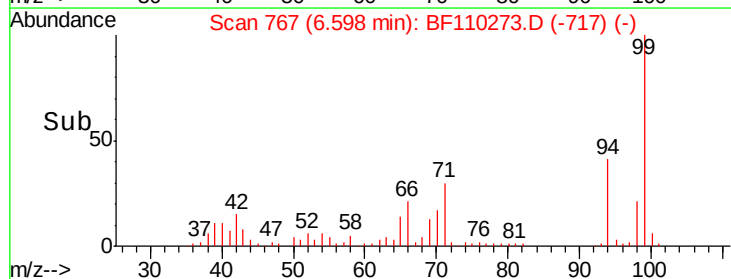
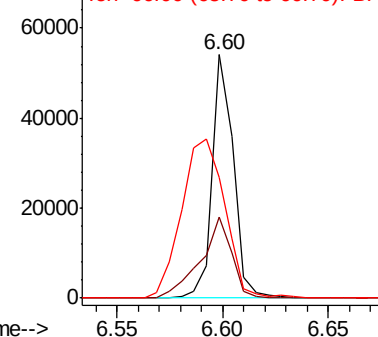
94 100

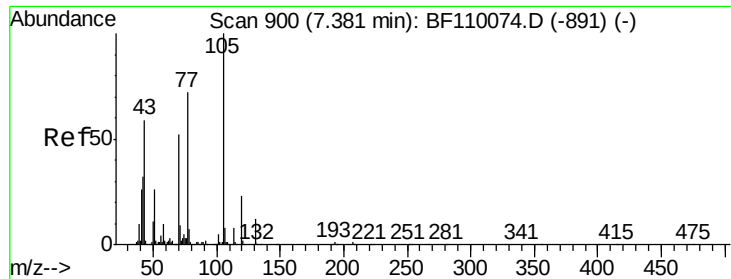
65 33.0 25.3 65.3

66 49.8 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

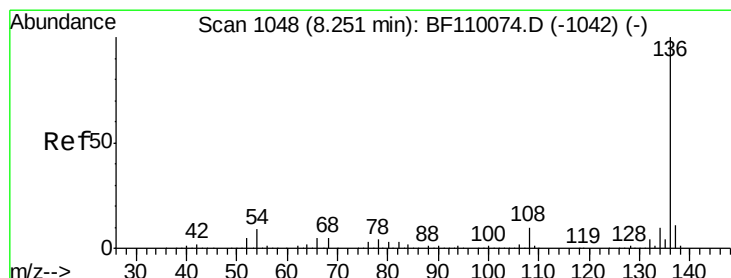
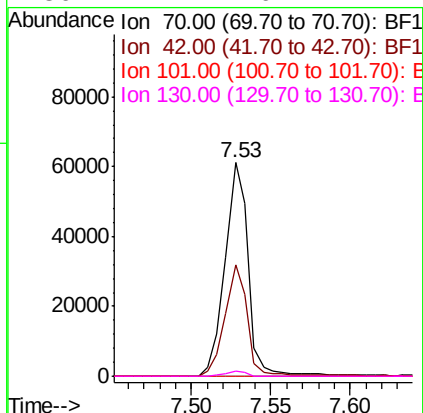
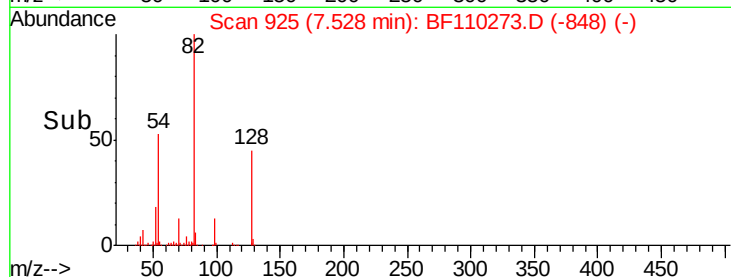
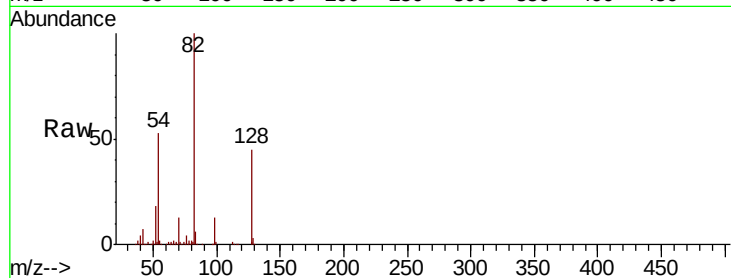




#19
n-Nitroso-di-n-propylamine
Concen: 11.172 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

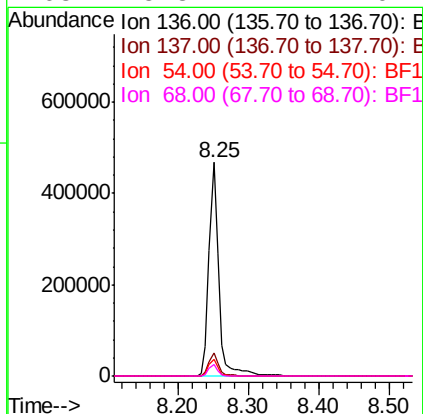
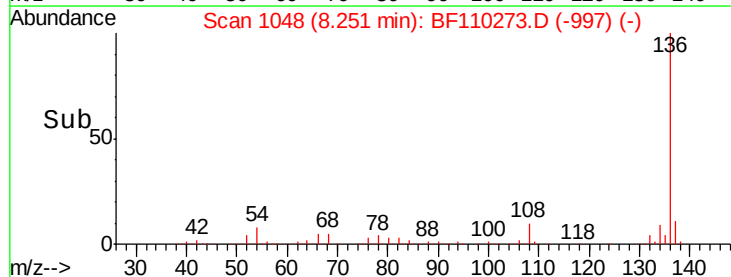
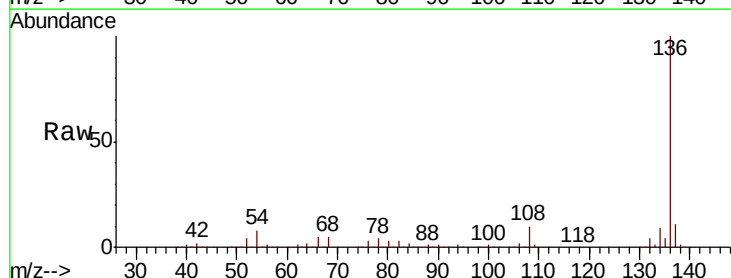
Instrument :
BNA_F
ClientSampled :

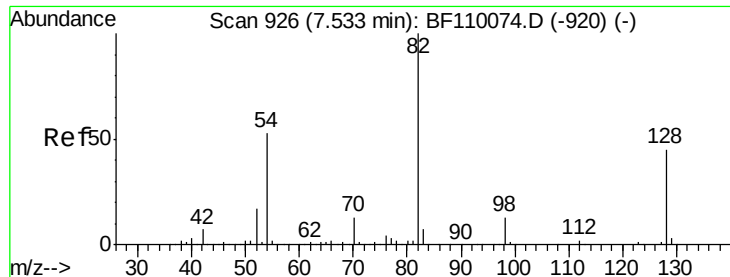
Tot Ion: 70 Resp: 61835
Ion Ratio Lower Upper
70 100
42 52.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

Tgt Ion: 136 Resp: 453115
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 5.4 8.2
68 5.3 4.2 6.2

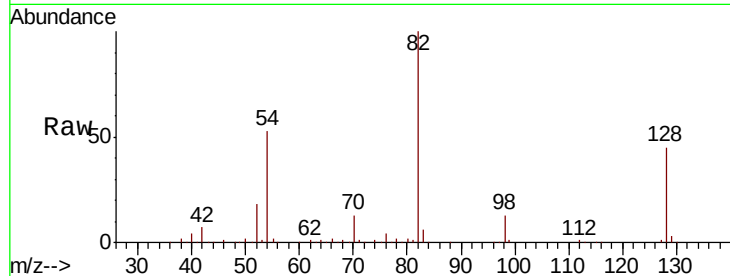




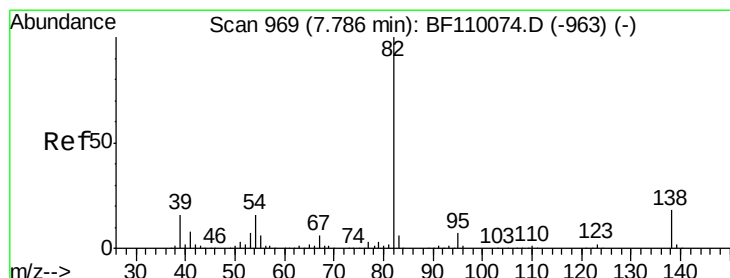
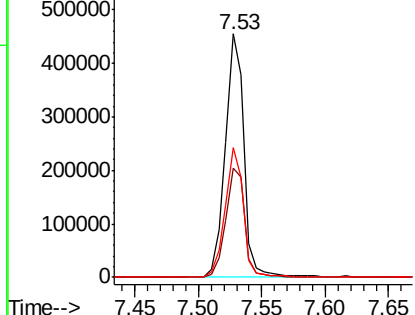
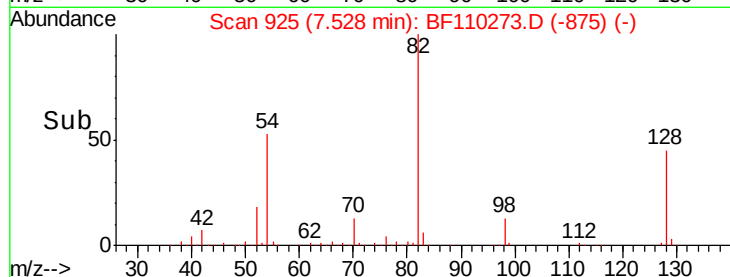
#23
 Nitrobenzene-d5
 Concen: 60.796 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110273.D
 Acq: 29 Oct 2018 20:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	464444
Ion Ratio	100	Lower	Upper
128	45.0	34.2	51.2
54	53.2	38.6	58.0

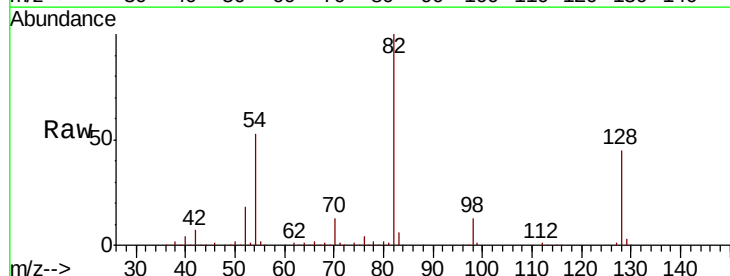


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

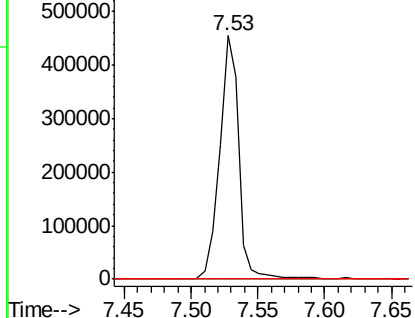
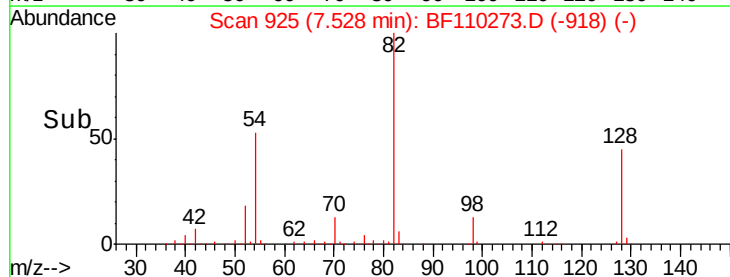


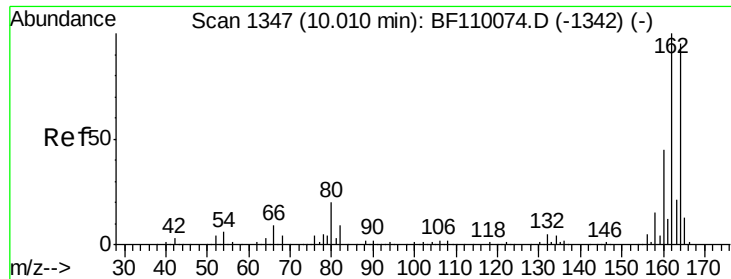
#25
 Isophorone
 Concen: 35.665 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.26 min
 Lab File: BF110273.D
 Acq: 29 Oct 2018 20:24

Tgt Ion	82	Resp	464437
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: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110273.D

Acq: 29 Oct 2018 20:24

Instrument :

BNA_F

ClientSampled :

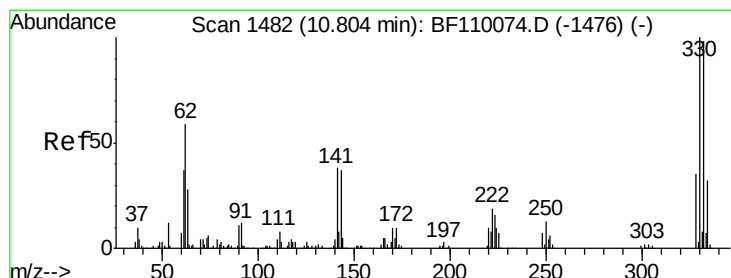
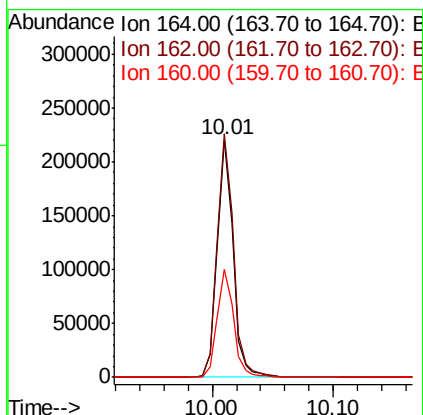
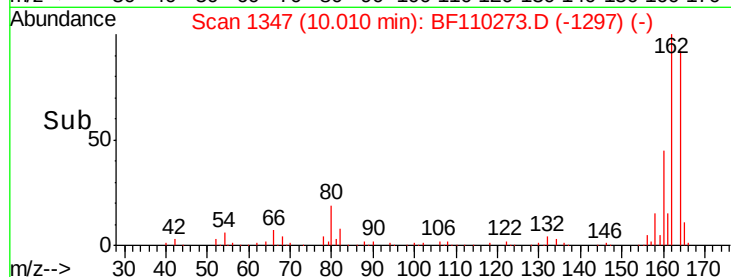
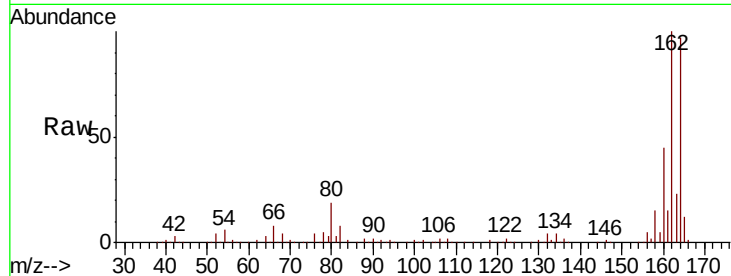
Tot Ion:164 Resp: 197331

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

160 45.7 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 74.423 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110273.D

Acq: 29 Oct 2018 20:24

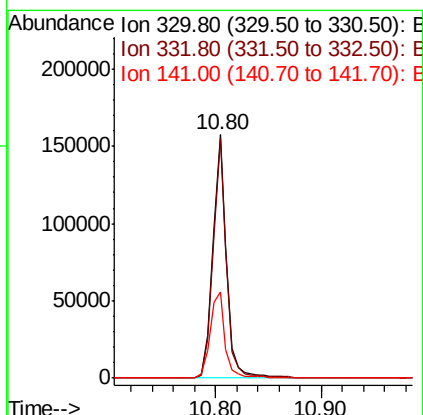
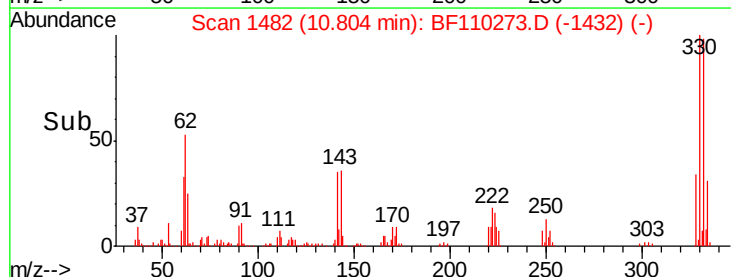
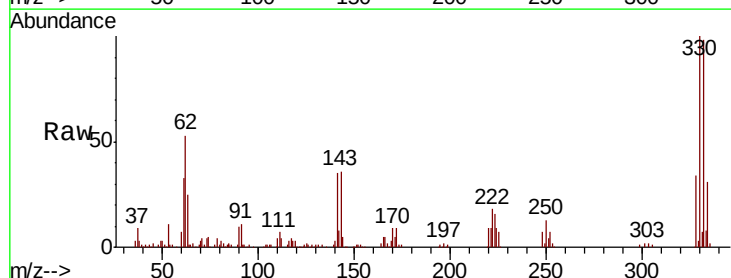
Tgt Ion:330 Resp: 145475

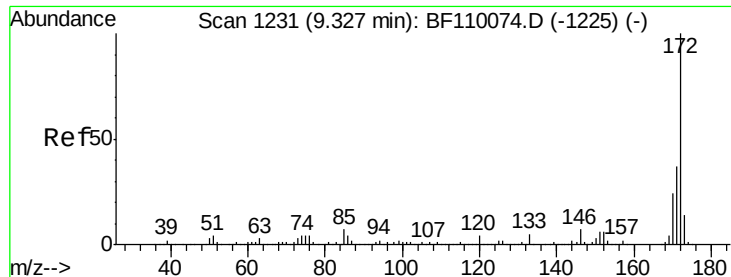
Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 37.9 27.0 40.4

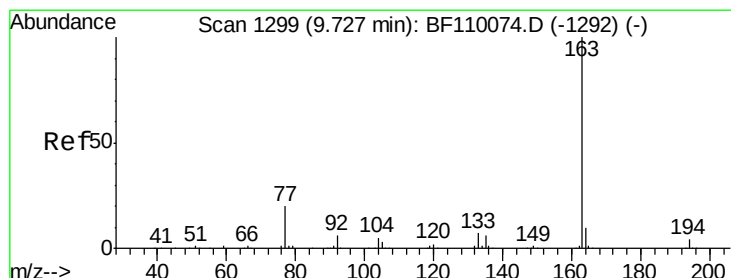
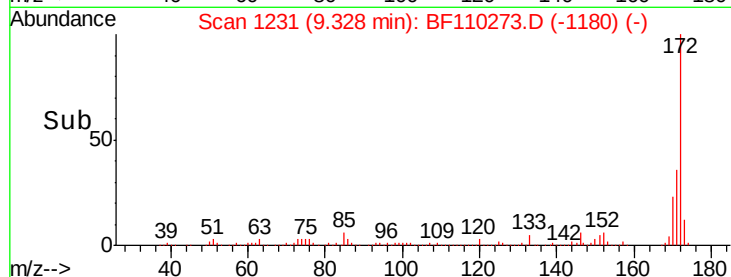
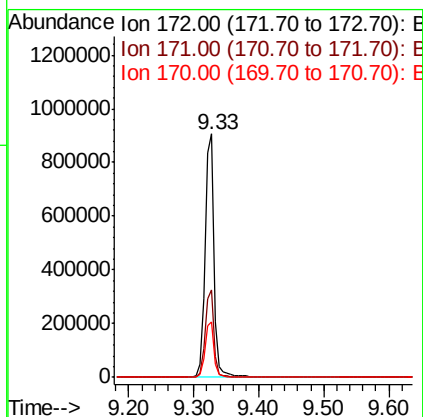
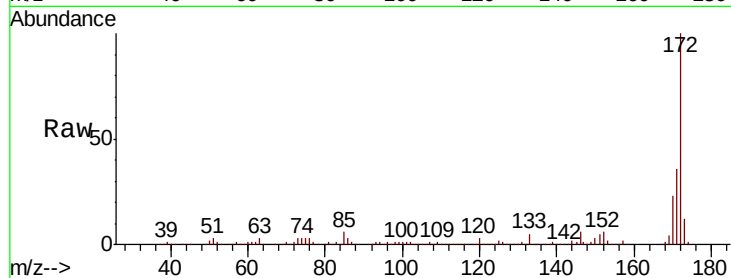




#45
2-Fluorobiphenyl
Concen: 68.070 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

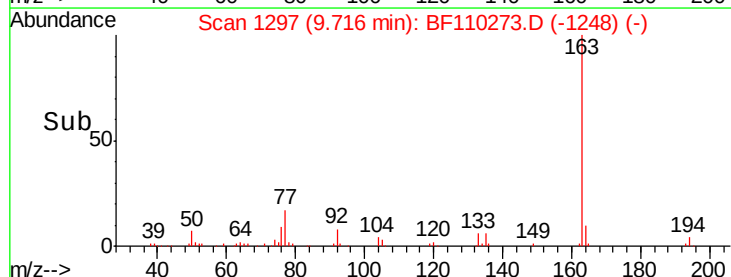
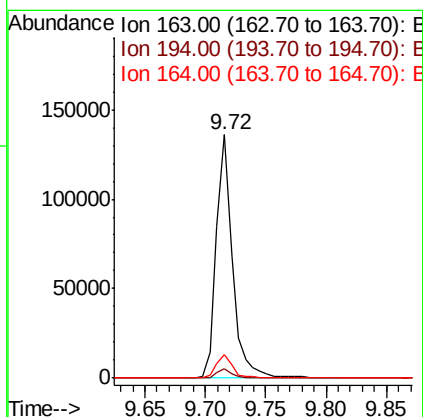
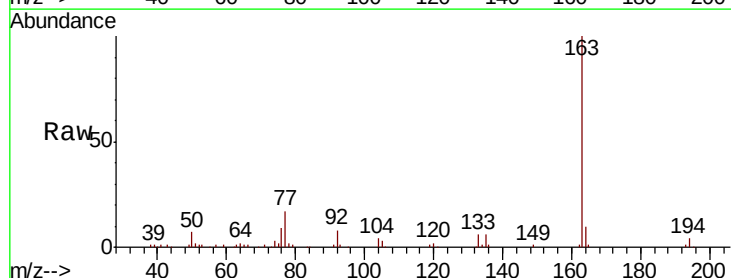
Instrument :
BNA_F
ClientSampleId :

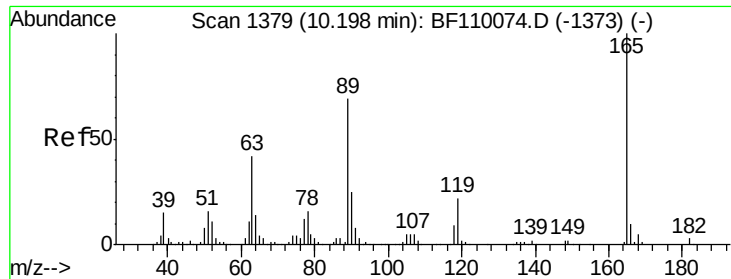
Tot Ion:172 Resp: 855417
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.0 19.7 29.5



#50
Dimethylphthalate
Concen: 8.647 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

Tgt Ion:163 Resp: 125953
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.7 8.1 12.1

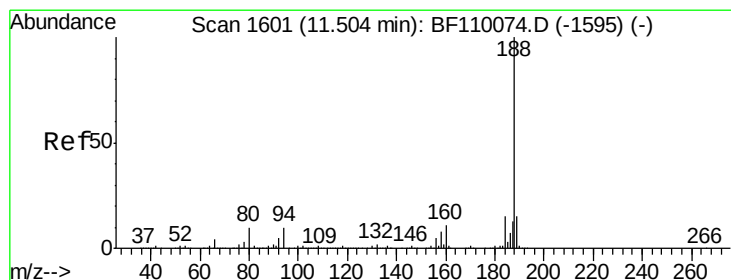
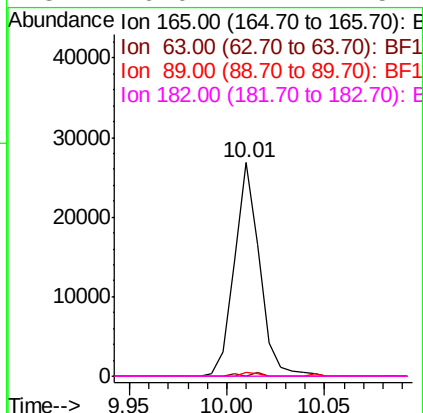
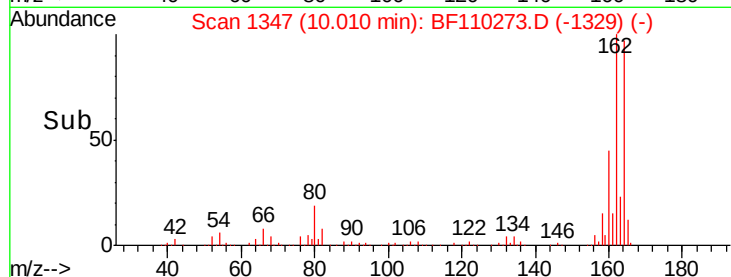
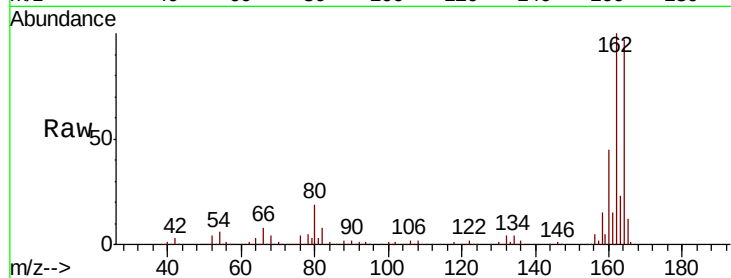




#57
2,4-Dinitrotoluene
Concen: 6.020 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

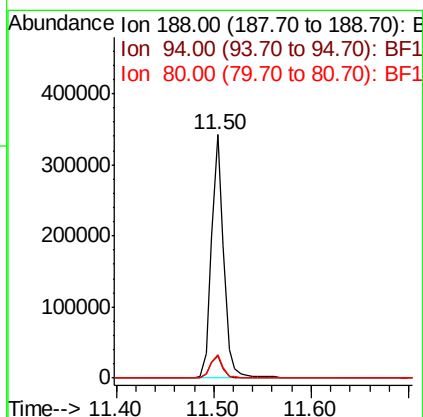
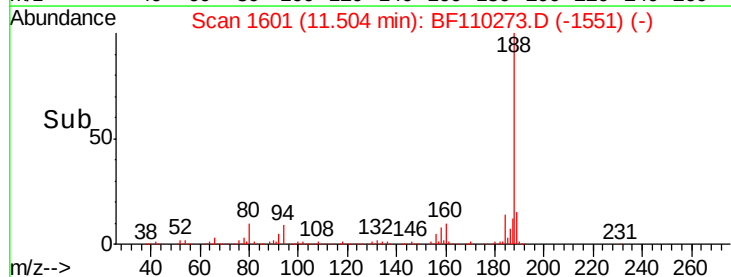
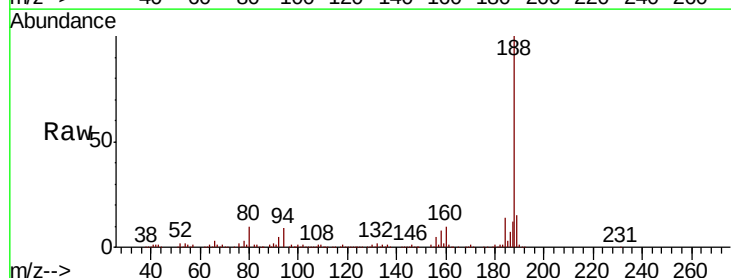
Instrument :
BNA_F
ClientSampleId :

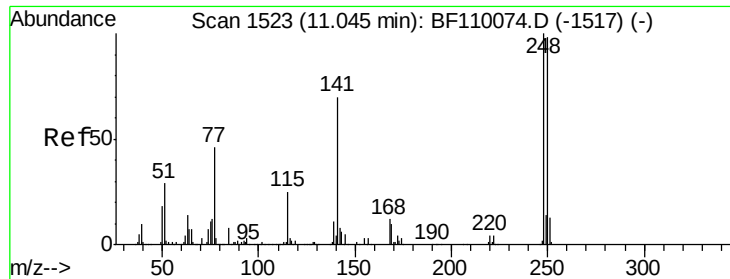
Tot Ion:165	Resp:	23993
Ion	Ratio	Lower Upper
165	100	
63	0.0	44.8 67.2#
89	1.6	62.2 93.4#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110273.D
Acq: 29 Oct 2018 20:24

Tgt Ion:188	Resp:	297930
Ion	Ratio	Lower Upper
188	100	
94	9.1	7.2 10.8
80	9.6	7.9 11.9

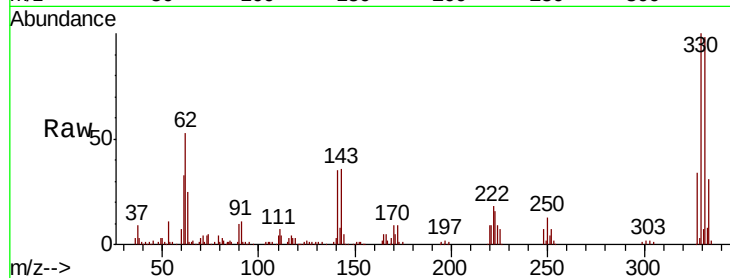




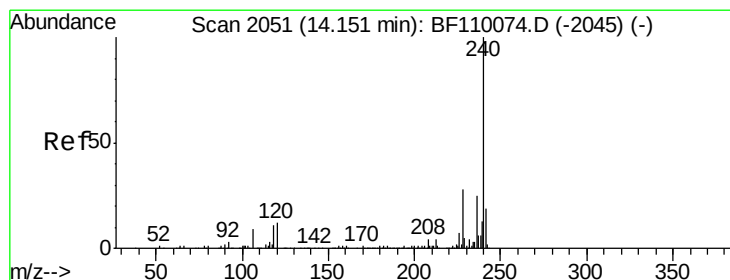
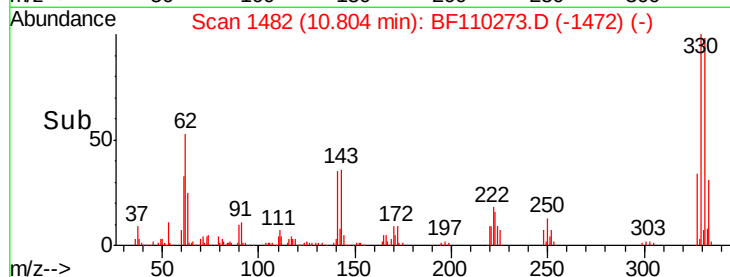
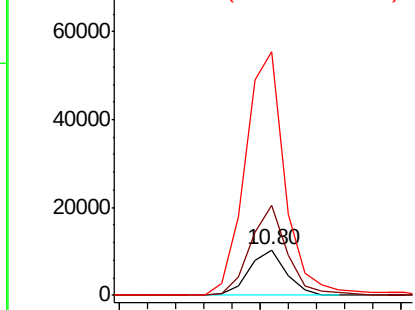
#67
 4-Bromophenyl-phenylether
 Concen: 2.877 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.24 min
 Lab File: BF110273.D
 Acq: 29 Oct 2018 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9298
 Ion Ratio Lower Upper
 248 100
 250 199.3 79.4 119.2#
 141 538.2 55.9 83.9#

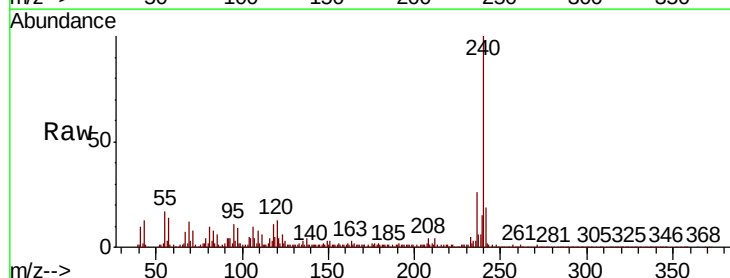


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

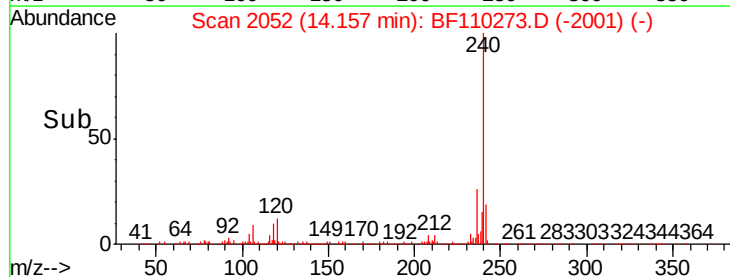
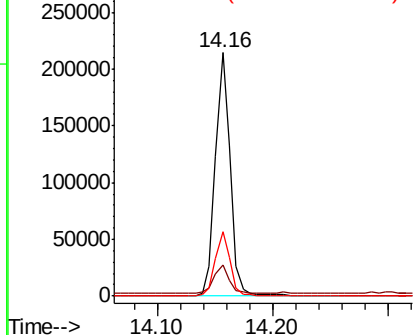


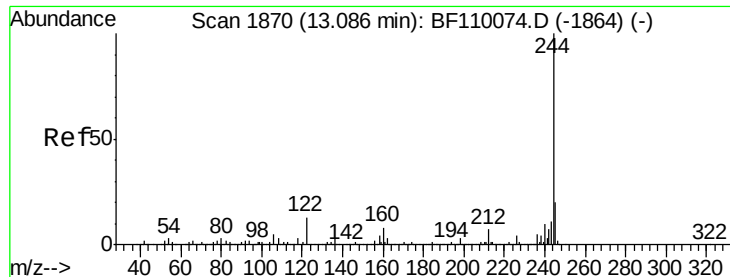
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BF110273.D
 Acq: 29 Oct 2018 20:24

Tgt Ion:240 Resp: 192328
 Ion Ratio Lower Upper
 240 100
 120 12.7 8.3 12.5#
 236 26.4 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

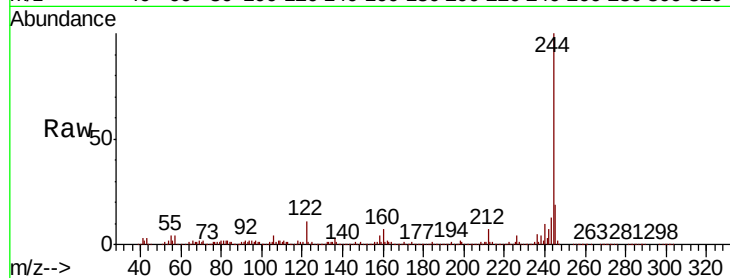




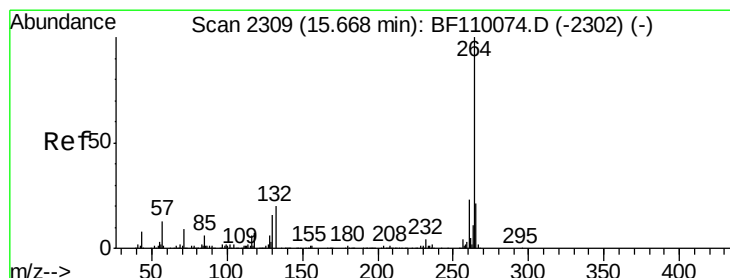
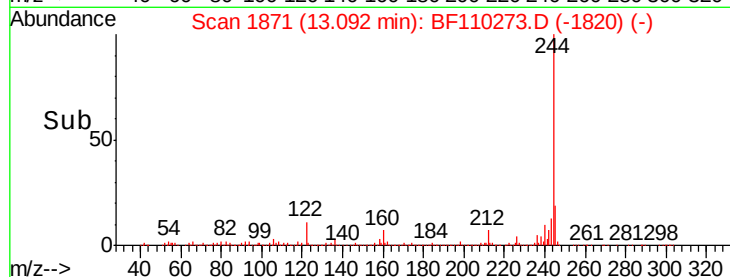
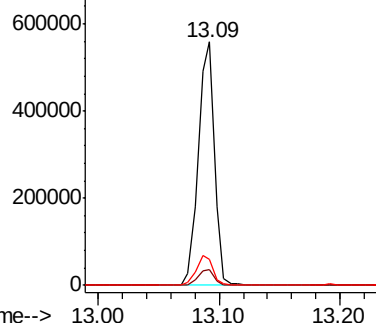
#79
 Terphenyl-d14
 Concen: 56.206 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF110273.D
 Acq: 29 Oct 2018 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.9	8.7	13.1

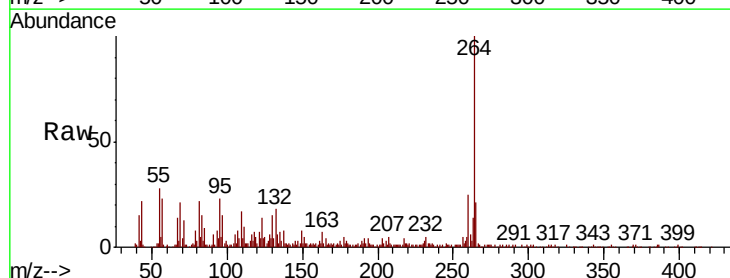


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: BF110273.D
 Acq: 29 Oct 2018 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	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

