

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110675.D
 Acq On : 12 Nov 2018 15:35
 Operator : JU/SJ
 Sample : J5888-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 12 16:24:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

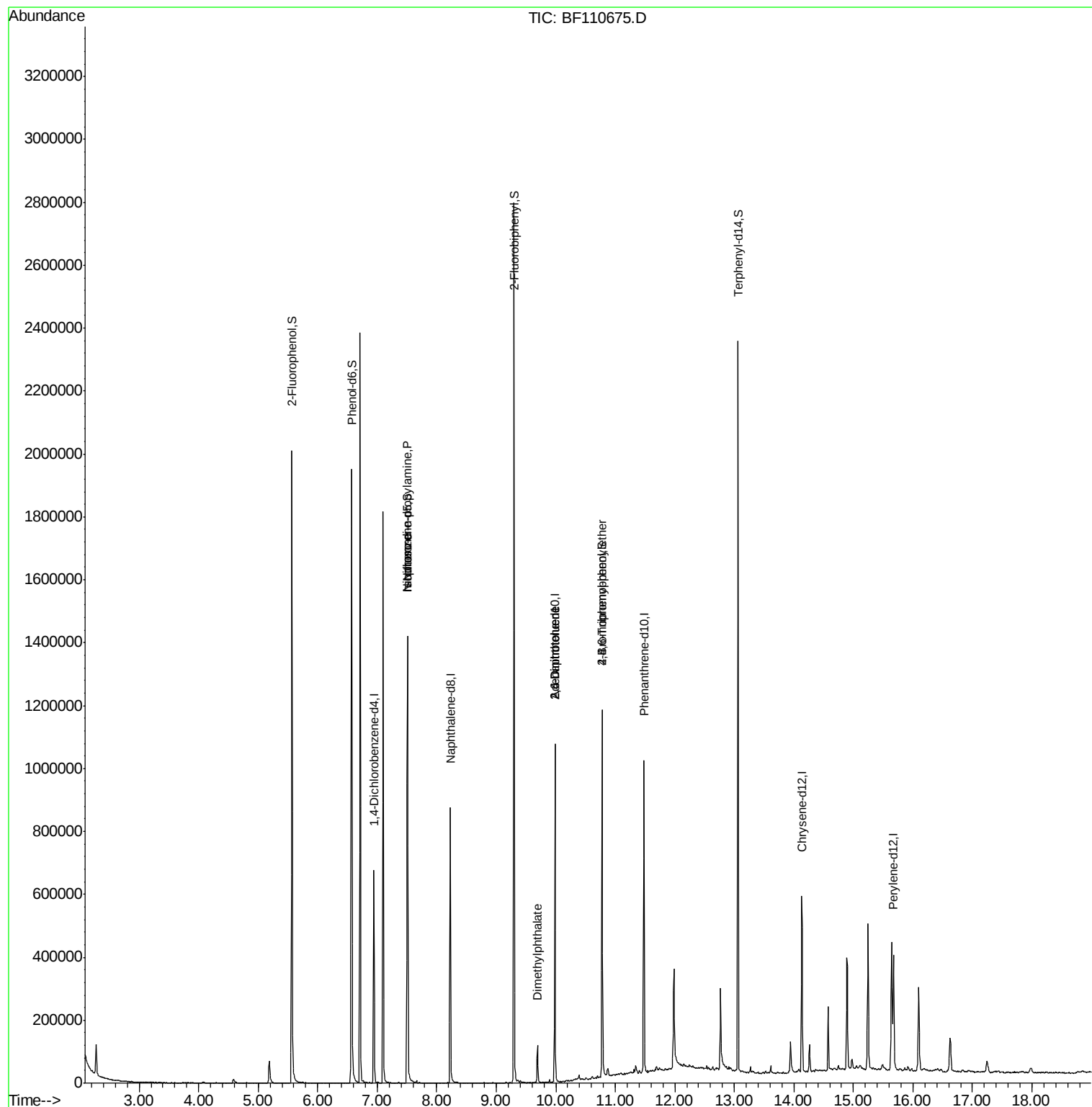
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	100423	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	416229	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	194822	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	349451	20.00	ng	0.00
76) Chrysene-d12	14.13	240	197657	20.00	ng	0.00
87) Perylene-d12	15.67	264	178394	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	562290	90.95	ng	0.00
7) Phenol-d6	6.57	99	727218	91.98	ng	0.00
23) Nitrobenzene-d5	7.51	82	469411	64.95	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	134297	68.41	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	893345	65.49	ng	0.00
79) Terphenyl-d14	13.06	244	733785	69.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1122	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.51	70	62372	12.359 ng	#	78
25) Isophorone	7.51	82	469409	39.626 ng	#	67
50) Dimethylphthalate	9.69	163	47591	3.274 ng		99
51) 2,6-Dinitrotoluene	9.99	165	25256	7.898 ng	#	23
57) 2,4-Dinitrotoluene	9.99	165	25256	6.074 ng	#	19
67) 4-Bromophenyl-phenylether	10.78	248	8448	2.187 ng	#	1

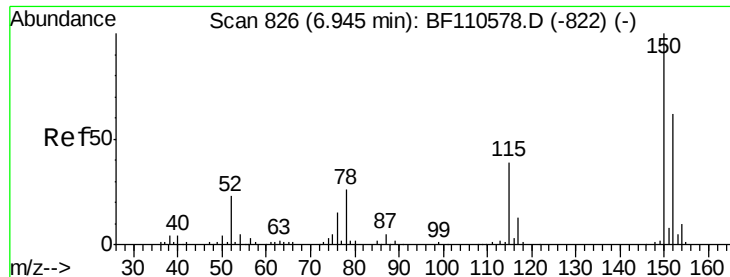
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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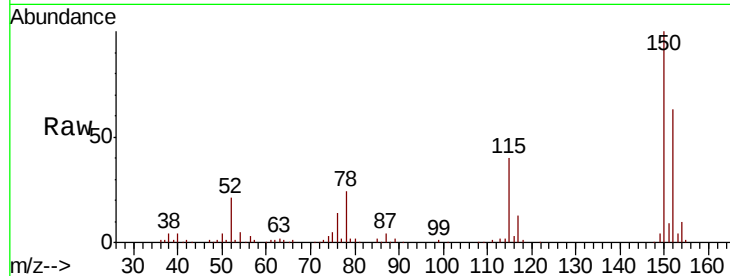




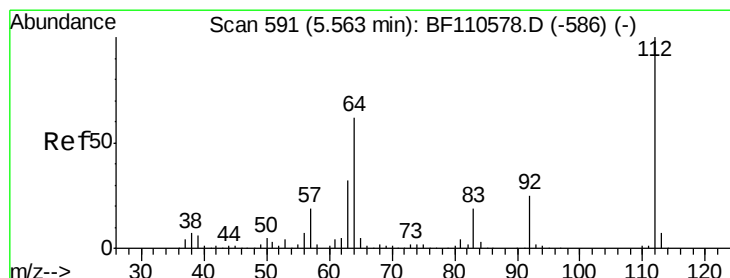
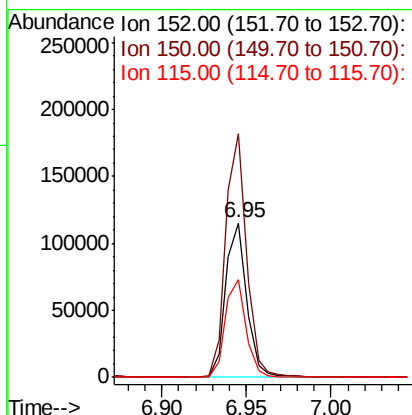
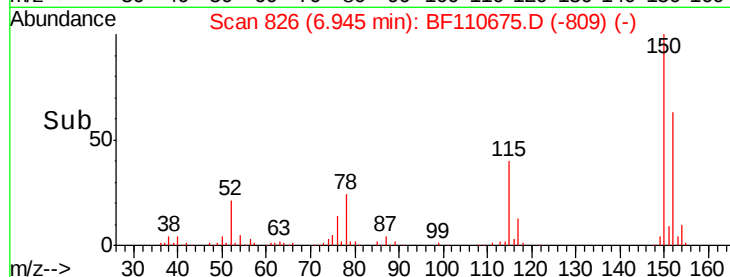
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110675.D
 Acq: 12 Nov 2018 15:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 100423
 Ion Ratio Lower Upper
 152 100
 150 157.6 122.7 184.1
 115 63.0 49.1 73.7

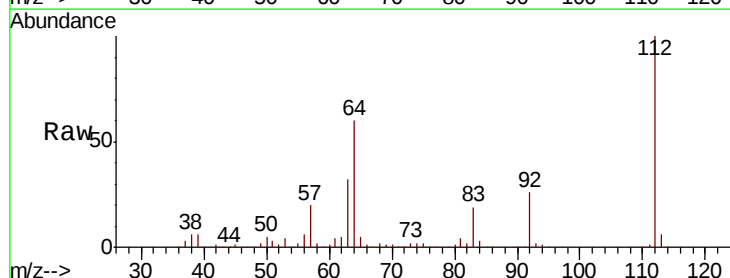


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

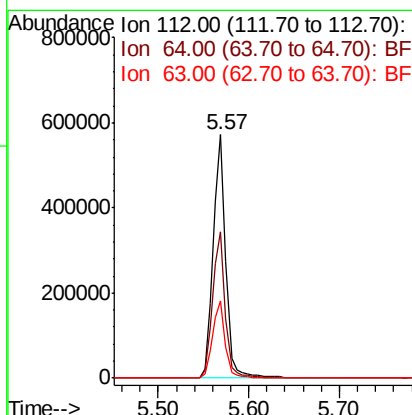
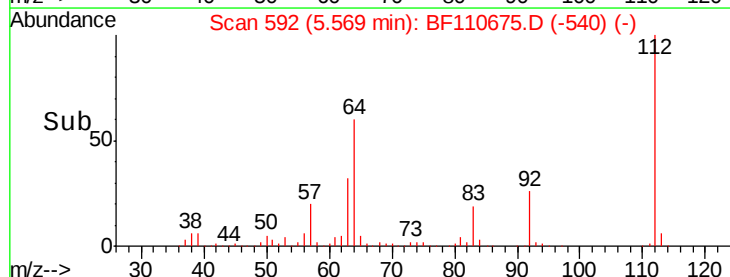


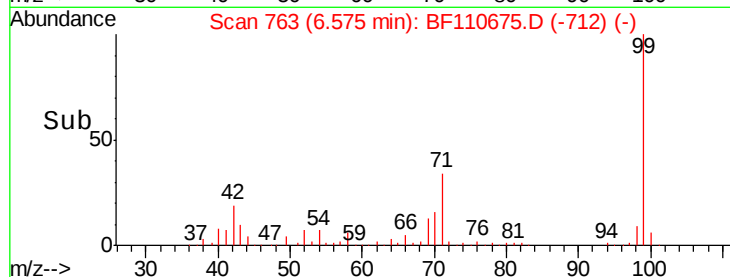
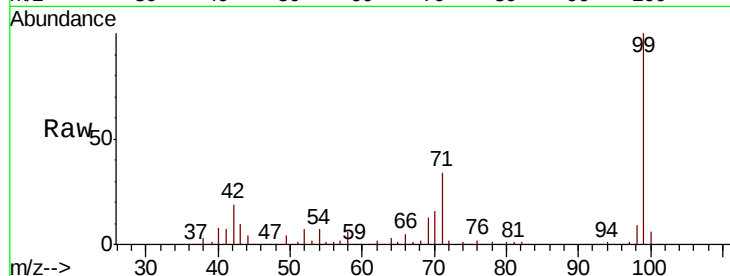
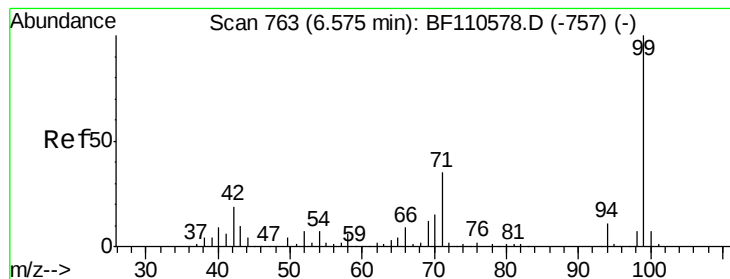
#5
 2-Fluorophenol
 Concen: 90.949 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110675.D
 Acq: 12 Nov 2018 15:35

Tgt Ion:112 Resp: 562290
 Ion Ratio Lower Upper
 112 100
 64 59.9 44.1 66.1
 63 31.7 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: 91.984 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110675.D

Acq: 12 Nov 2018 15:35

Instrument :

BNA_F

ClientSampleId :

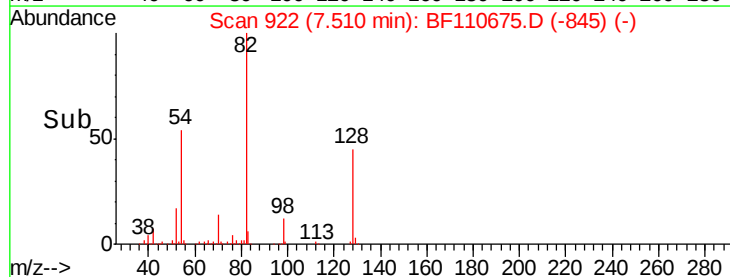
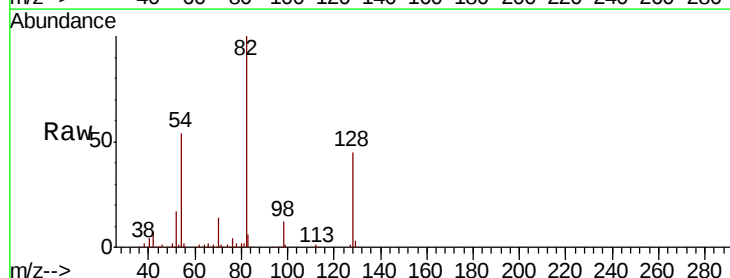
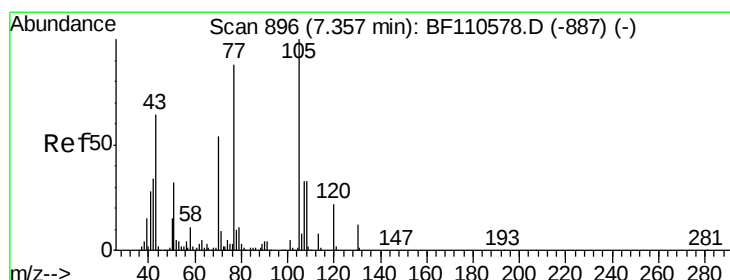
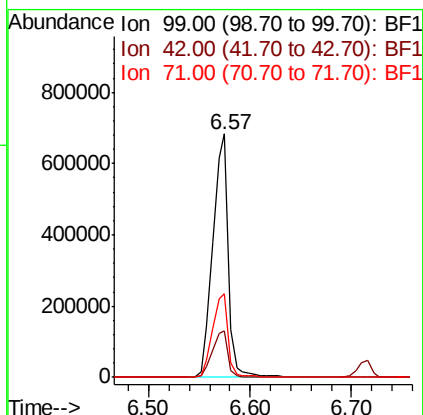
Tot Ion: 99 Resp: 727218

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

71 34.1 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.359 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110675.D

Acq: 12 Nov 2018 15:35

Tgt Ion: 70 Resp: 62372

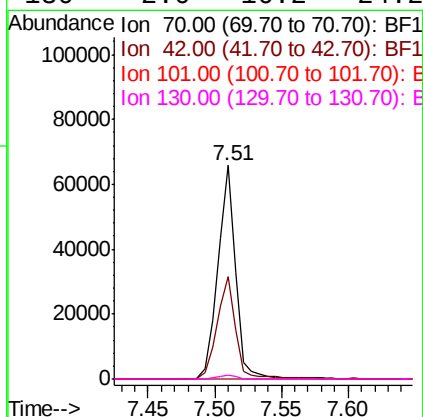
Ion Ratio Lower Upper

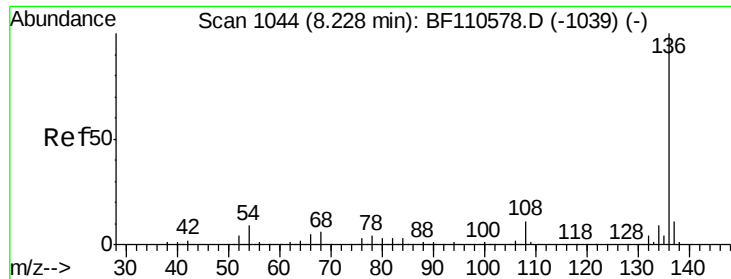
70 100

42 47.9 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

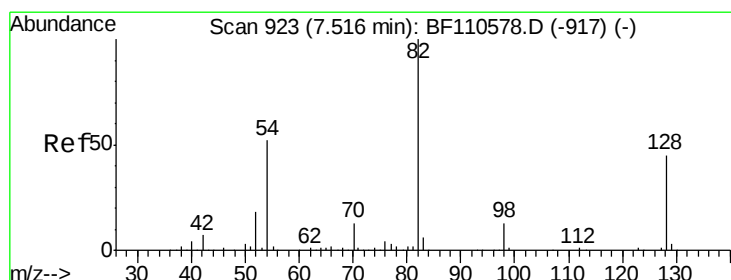
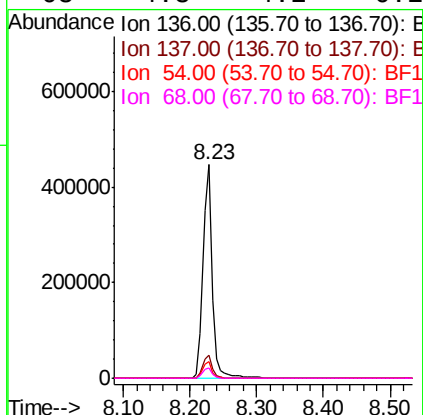
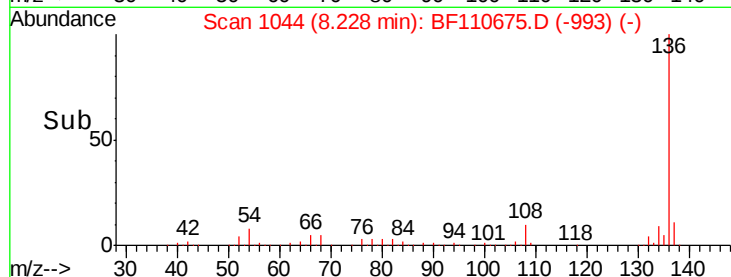
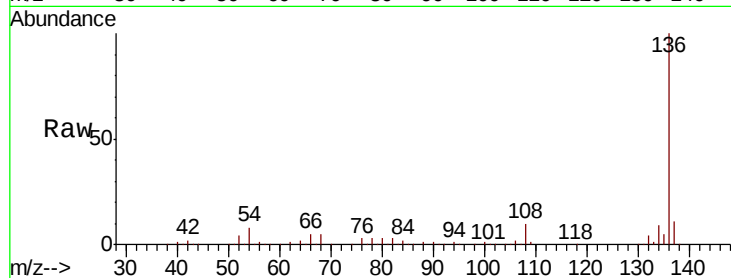




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110675.D
Acq: 12 Nov 2018 15:35

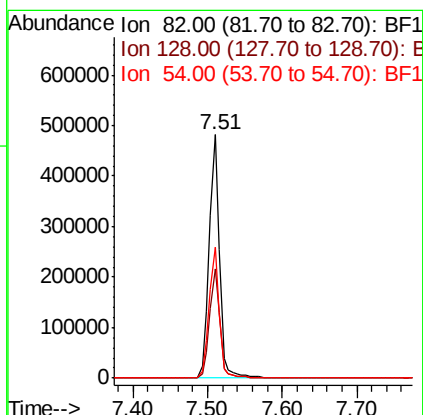
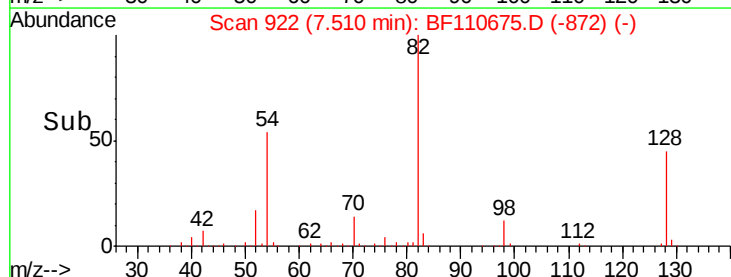
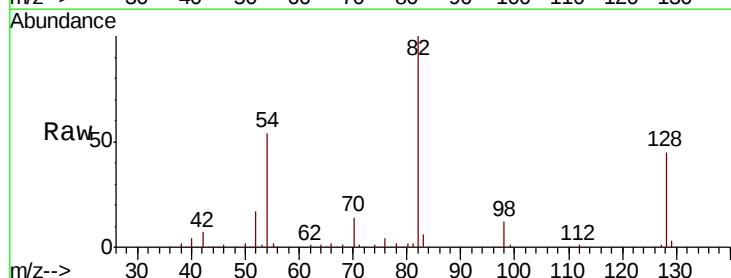
Instrument :
BNA_F
ClientSampleId :

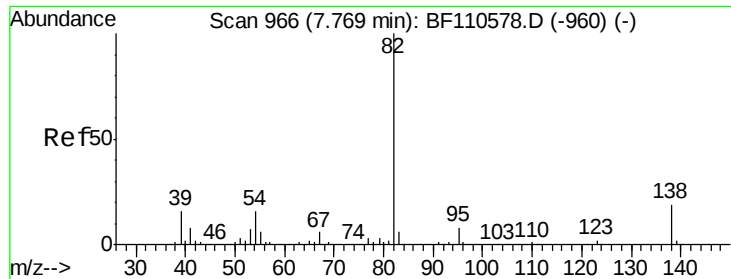
Tot Ion:136	Resp:	416229
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	7.6	5.4 8.2
68	4.8	4.2 6.2



#23
Nitrobenzene-d5
Concen: 64.948 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110675.D
Acq: 12 Nov 2018 15:35

Tgt Ion: 82	Resp:	469411
Ion	Ratio	Lower Upper
82	100	
128	45.1	34.2 51.2
54	53.8	38.6 58.0

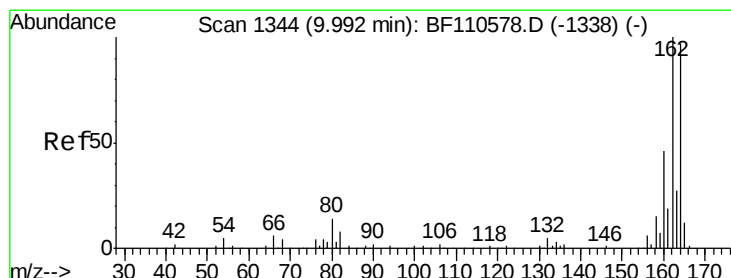
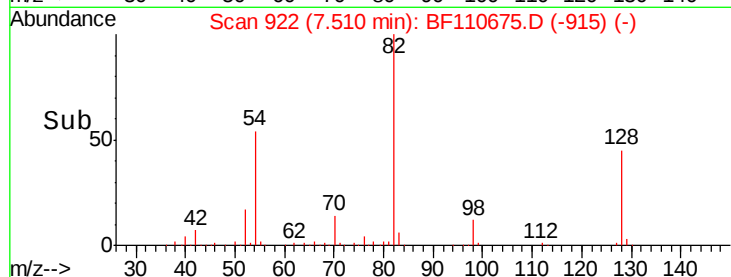
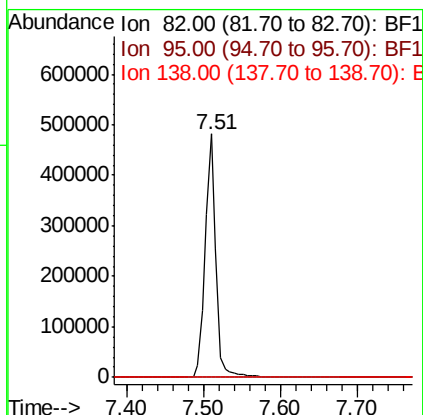
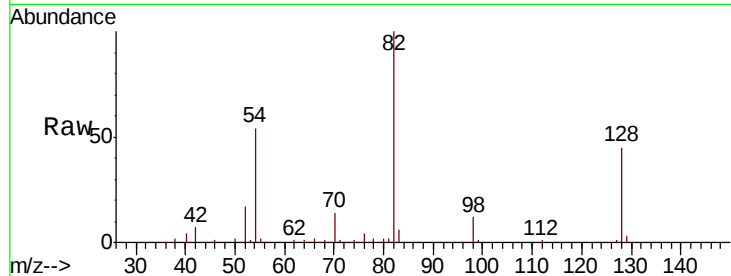




#25
Isophorone
Concen: 39.626 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110675.D
Acq: 12 Nov 2018 15:35

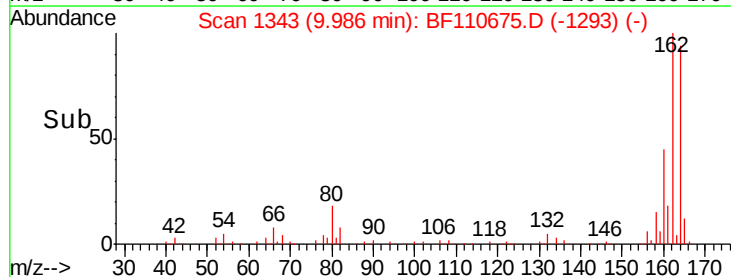
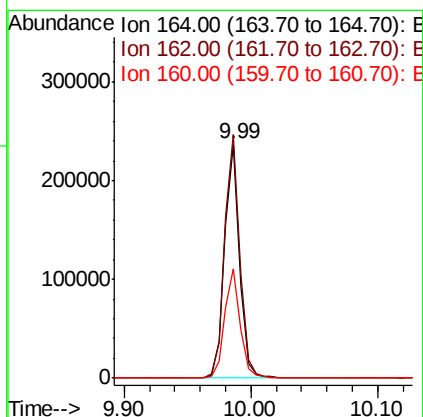
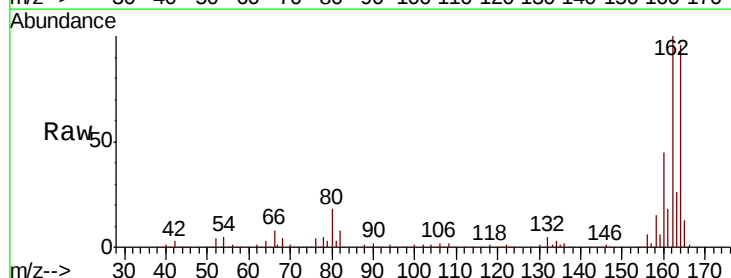
Instrument :
BNA_F
ClientSampleId :

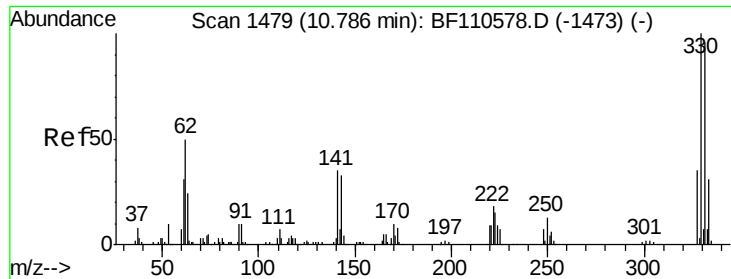
Tot Ion: 82 Resp: 469409
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110675.D
Acq: 12 Nov 2018 15:35

Tgt Ion: 164 Resp: 194822
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 46.7 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 68.412 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110675.D

Acq: 12 Nov 2018 15:35

Instrument :

BNA_F

ClientSampleId :

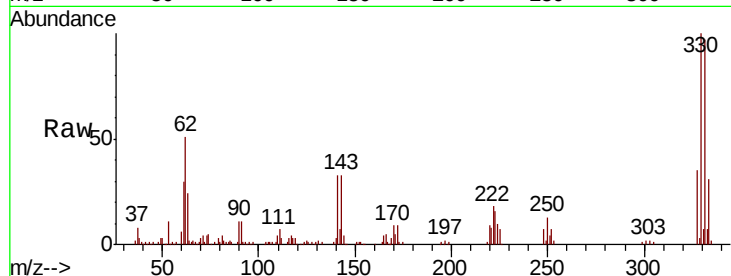
Tot Ion:330 Resp: 134297

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 37.9 27.0 40.4

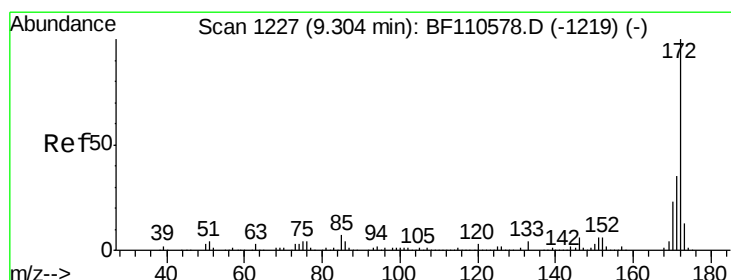
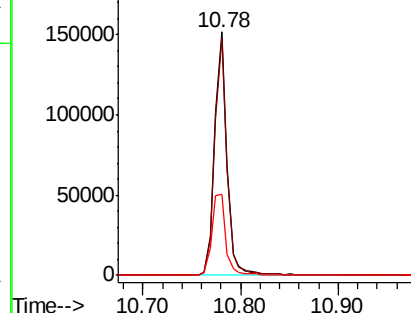
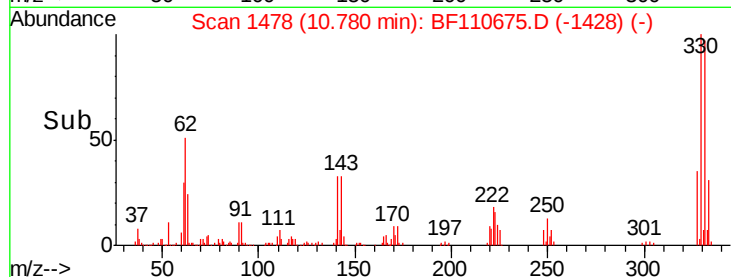


Abundance

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: 65.488 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110675.D

Acq: 12 Nov 2018 15:35

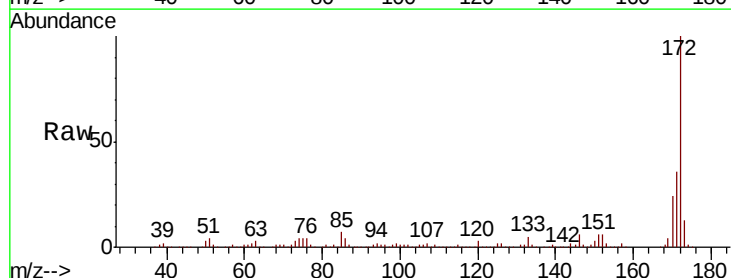
Tgt Ion:172 Resp: 893345

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.8 19.7 29.5

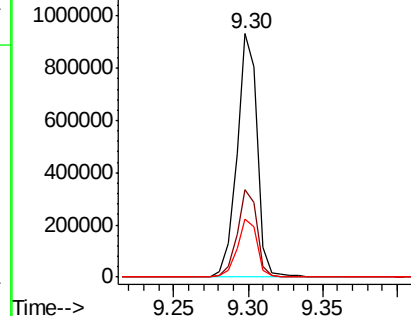
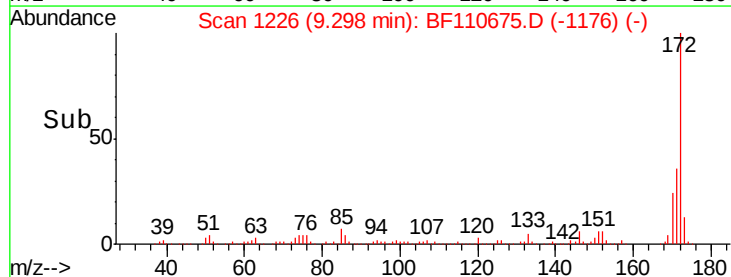


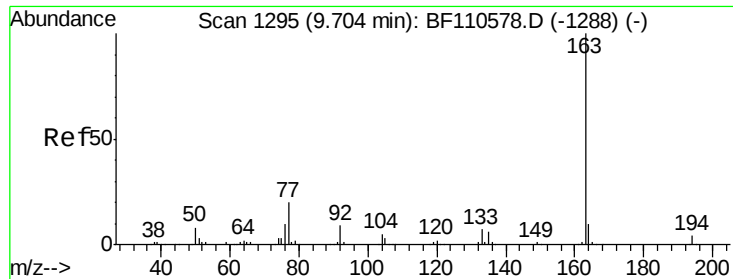
Abundance

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

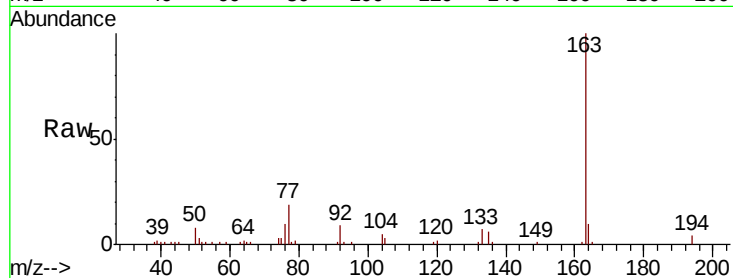




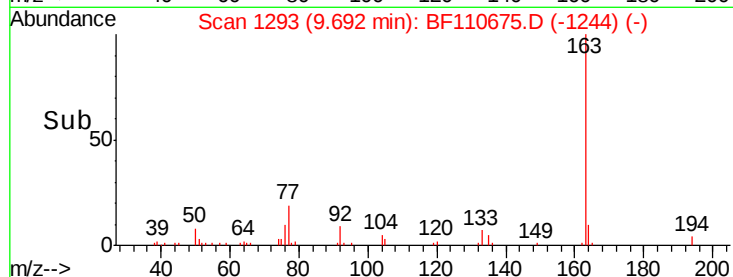
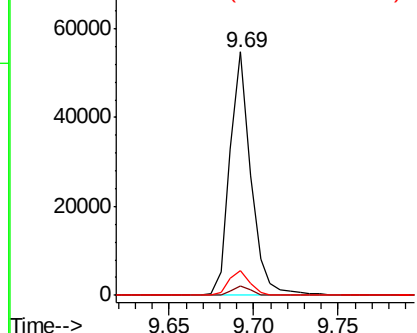
#50
Dimethylphthalate
Concen: 3.274 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110675.D
Acq: 12 Nov 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 47591
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.3 8.1 12.1

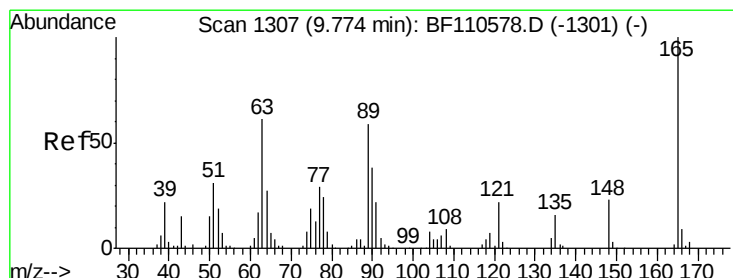


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

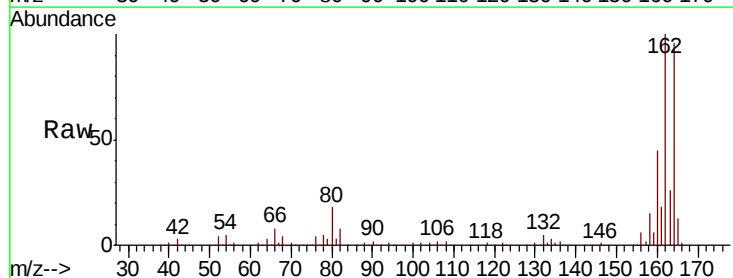
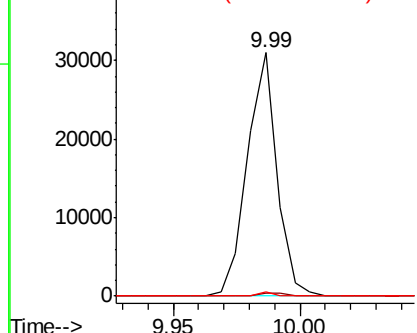


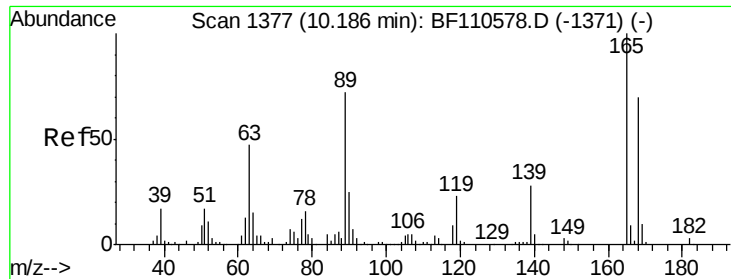
#51
2,6-Dinitrotoluene
Concen: 7.898 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110675.D
Acq: 12 Nov 2018 15:35

Tgt Ion:165 Resp: 25256
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.7 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

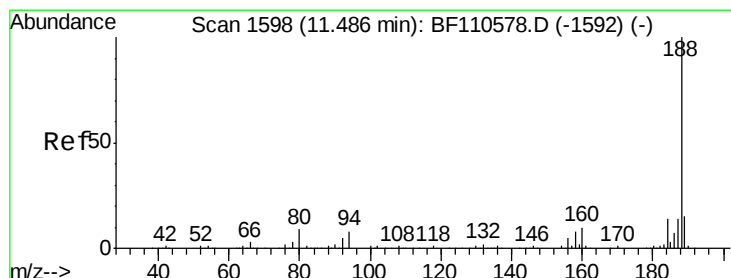
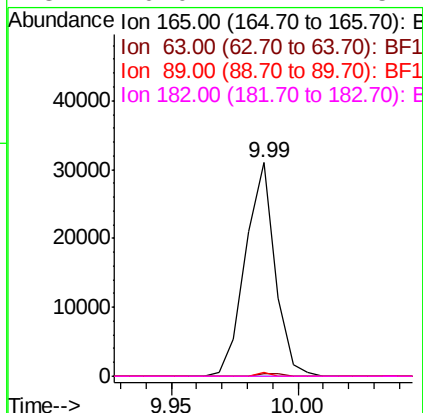
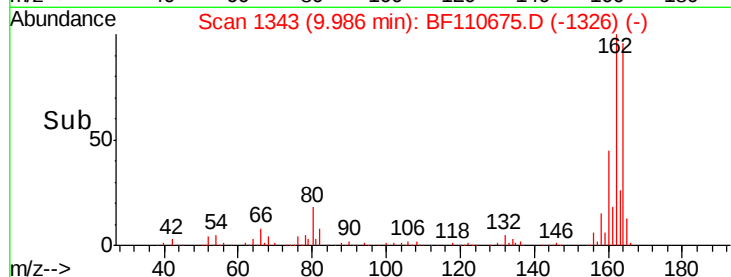
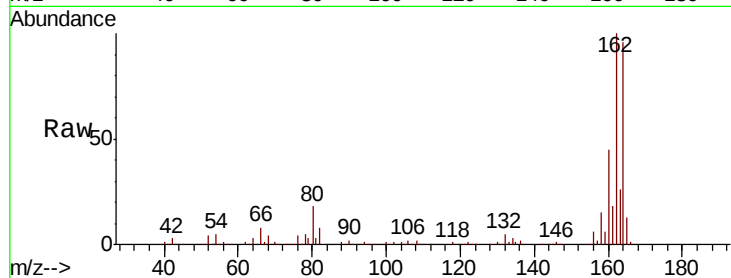




#57
 2,4-Dinitrotoluene
 Concen: 6.074 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110675.D
 Acq: 12 Nov 2018 15:35

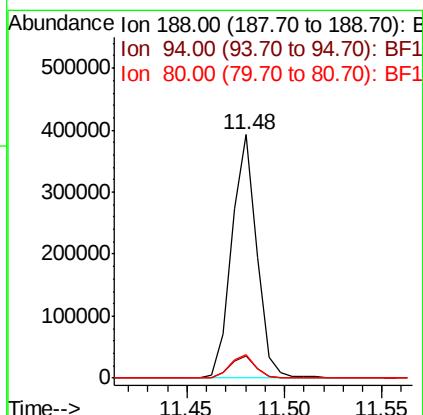
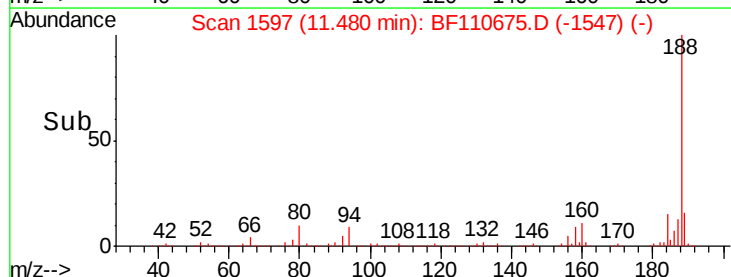
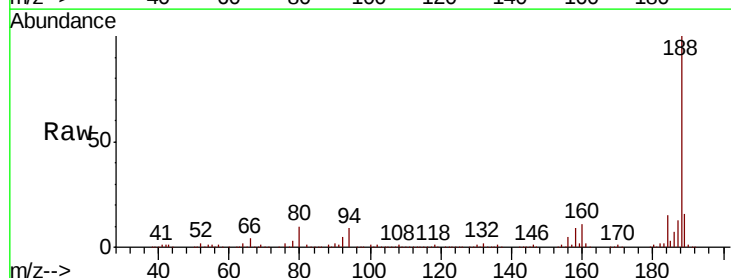
Instrument :
 BNA_F
 ClientSampleId :

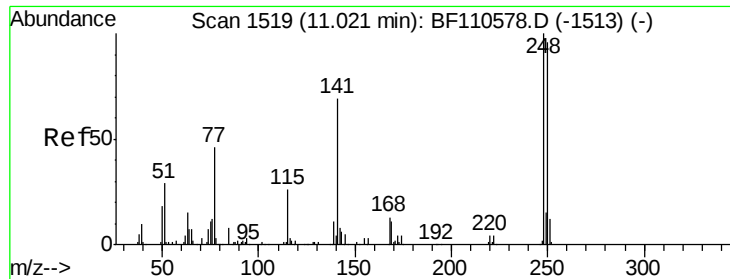
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110675.D
 Acq: 12 Nov 2018 15:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.7	7.9	11.9

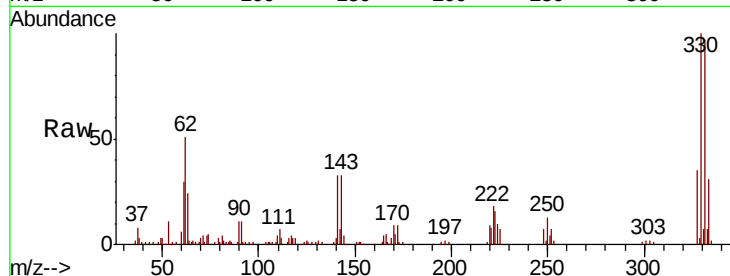




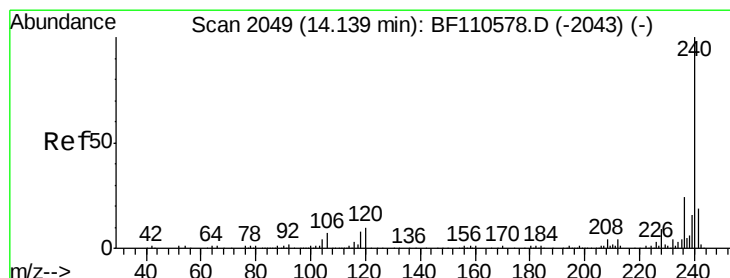
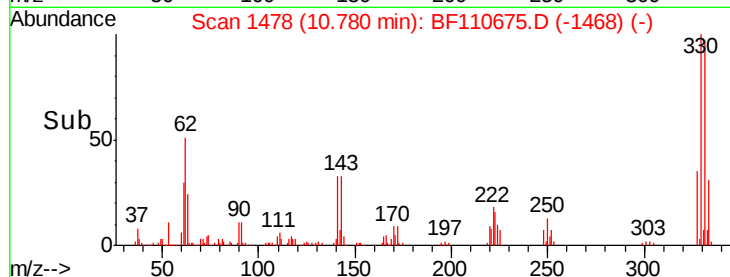
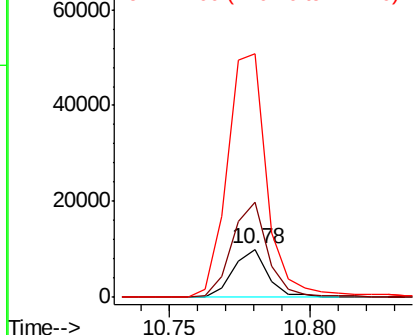
#67
4-Bromophenyl-phenylether
Concen: 2.187 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110675.D
Acq: 12 Nov 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8448
Ion Ratio Lower Upper
248 100
250 198.8 79.4 119.2#
141 509.0 55.9 83.9#

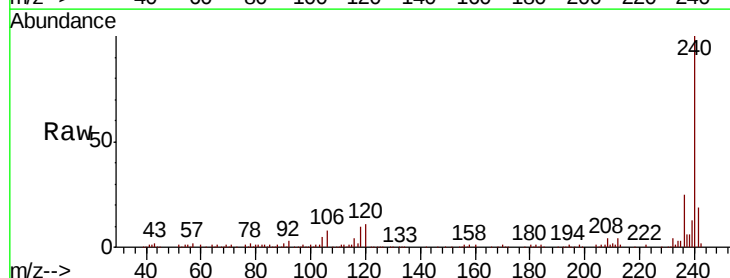


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

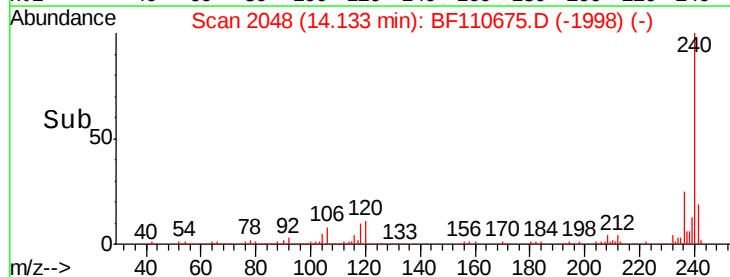
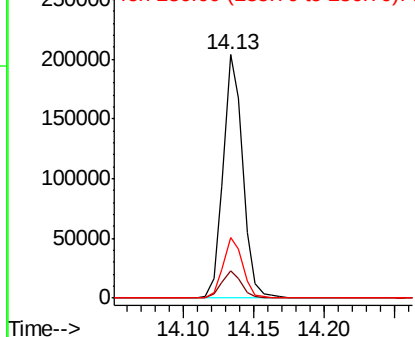


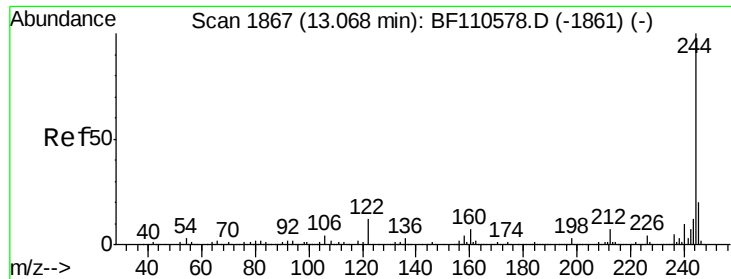
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110675.D
Acq: 12 Nov 2018 15:35

Tgt Ion:240 Resp: 197657
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 24.7 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: 69.525 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110675.D

Acq: 12 Nov 2018 15:35

Instrument :

BNA_F

ClientSampled :

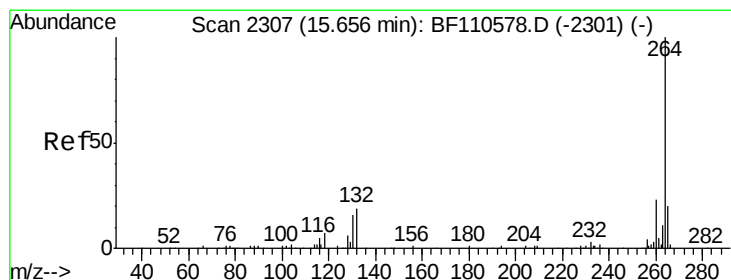
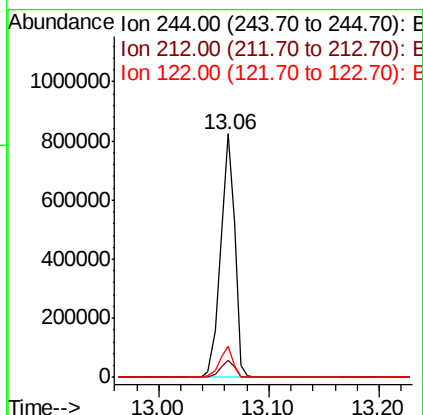
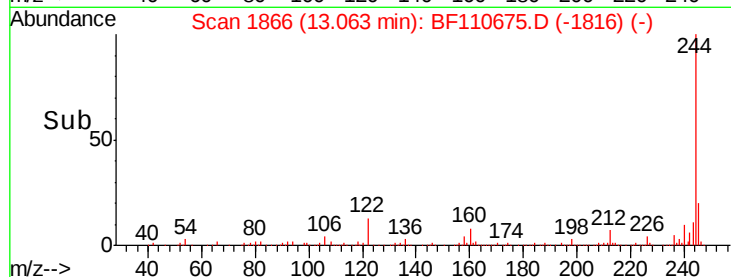
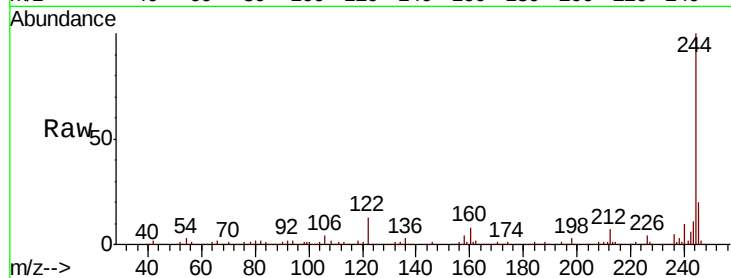
Tot Ion:244 Resp: 733785

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 12.6 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. 0.02 min

Lab File: BF110675.D

Acq: 12 Nov 2018 15:35

Tgt Ion:264 Resp: 178394

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.4 16.7 25.1

