

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110677.D
 Acq On : 12 Nov 2018 16:28
 Operator : JU/SJ
 Sample : J5269-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 12 17:36:22 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

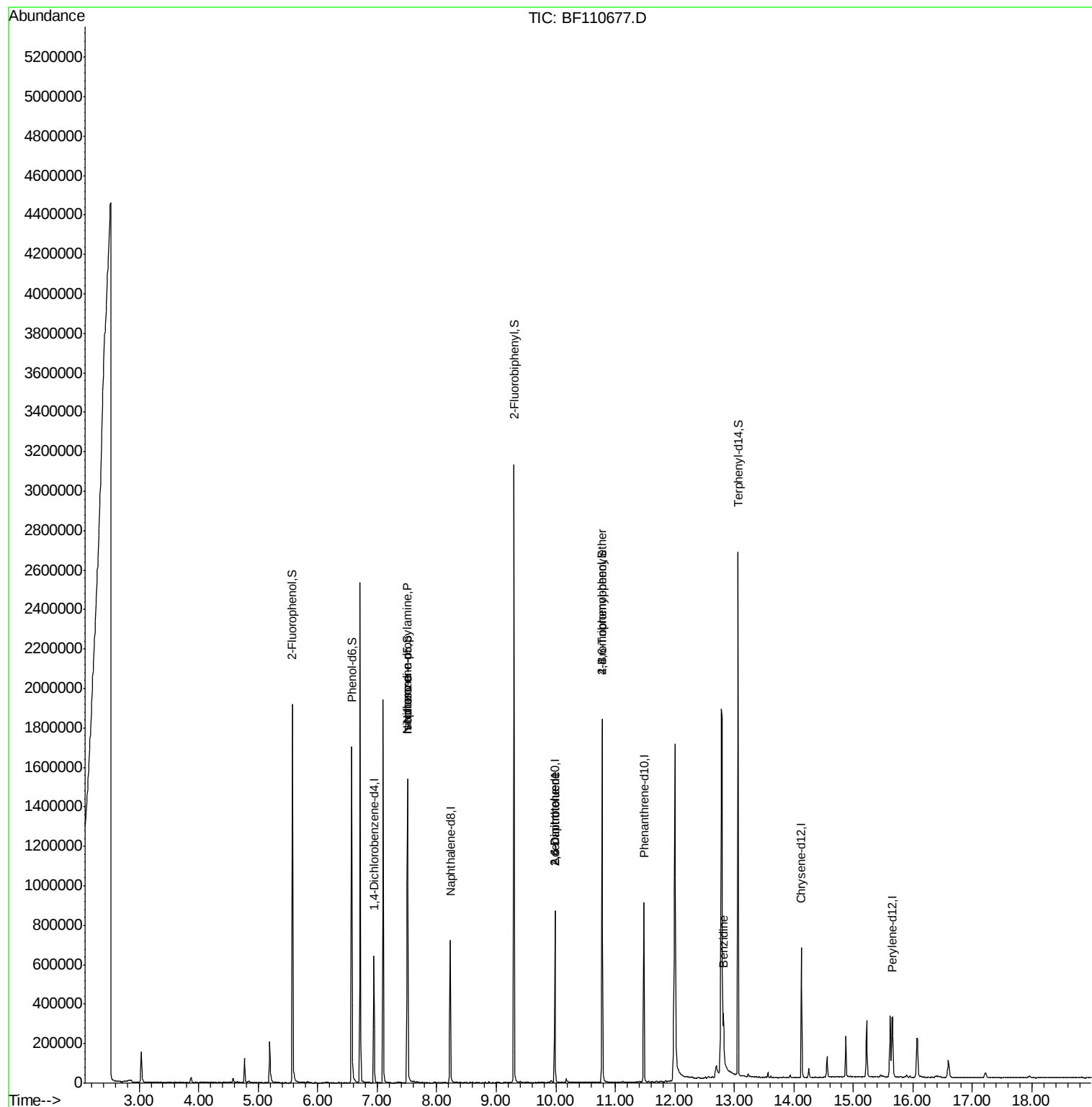
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	90486	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	373744	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	177745	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	333169	20.00	ng	0.00
76) Chrysene-d12	14.13	240	212528	20.00	ng	-0.01
87) Perylene-d12	15.66	264	162723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	569810	102.29	ng	0.01
7) Phenol-d6	6.57	99	631959	88.71	ng	0.00
23) Nitrobenzene-d5	7.51	82	520029	80.13	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	208561	116.45	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	957488	76.93	ng	0.00
79) Terphenyl-d14	13.06	244	937991	82.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	939	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	68848	15.141 ng	#	1
25) Isophorone	7.51	82	520025	48.889 ng	#	80
51) 2,6-Dinitrotoluene	9.99	165	22423	7.686 ng	#	67
57) 2,4-Dinitrotoluene	9.99	165	22423	5.911 ng	#	23
67) 4-Bromophenyl-phenylether	10.78	248	13032	3.539 ng	#	19
77) Benizidine	12.82	184	74587	12.762 ng	#	1
						98

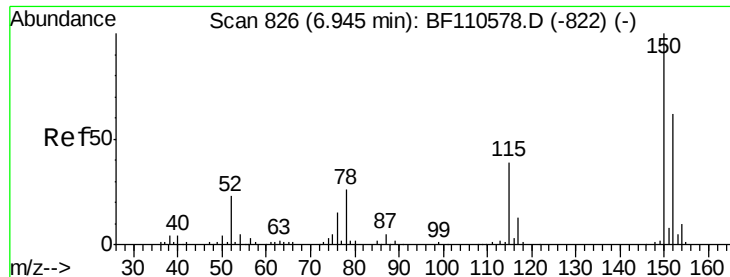
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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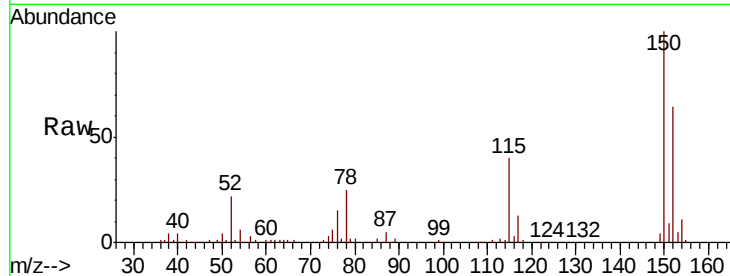


#1

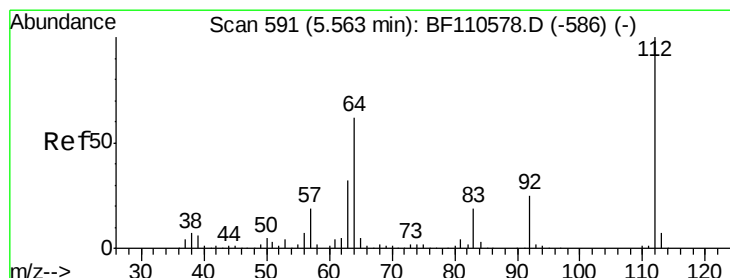
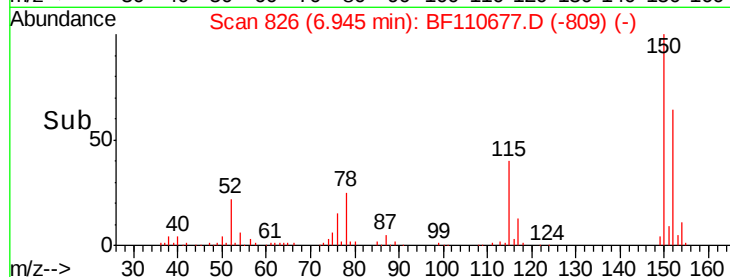
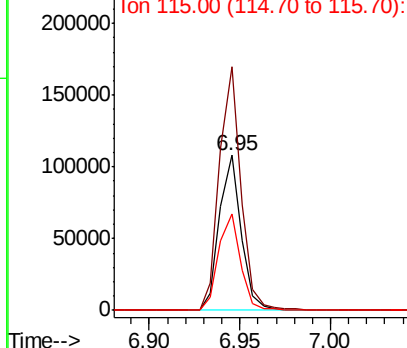
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90486
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 62.3 49.1 73.7



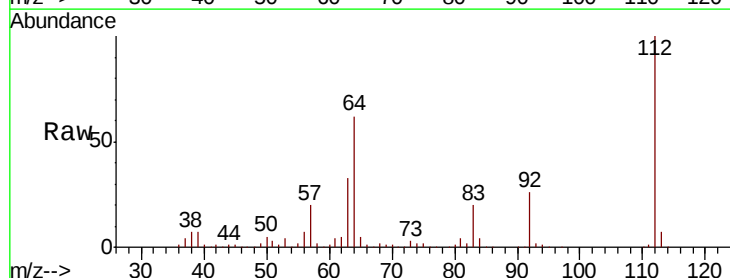
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



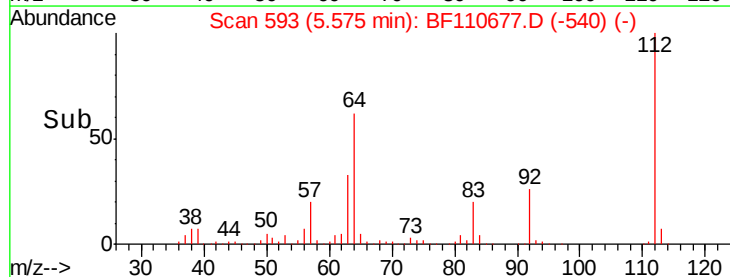
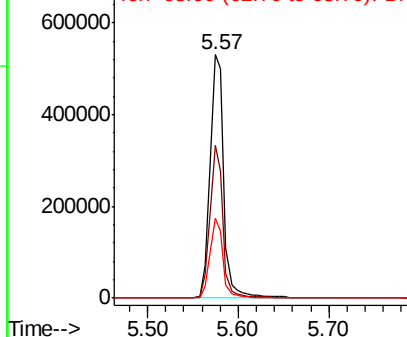
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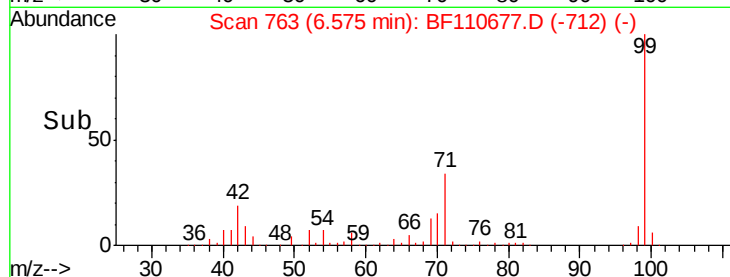
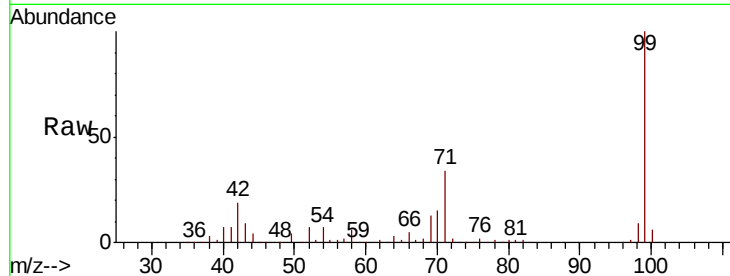
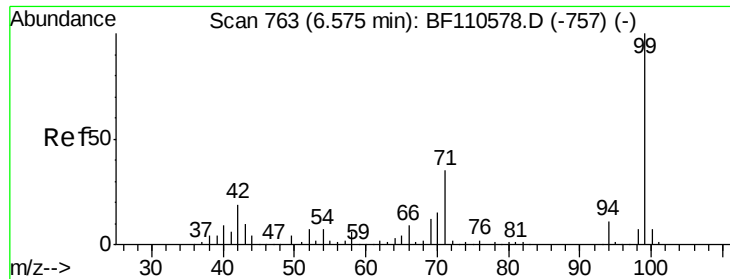
2-Fluorophenol
Concen: 102.287 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

Tgt Ion:112 Resp: 569810
Ion Ratio Lower Upper
112 100
64 62.5 44.1 66.1
63 33.0 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: 88.713 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110677.D

Acq: 12 Nov 2018 16:28

Instrument :

BNA_F

ClientSampleId :

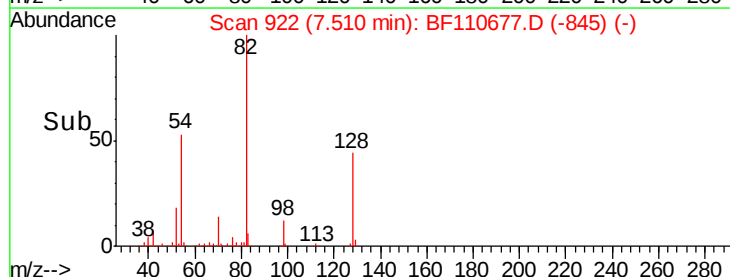
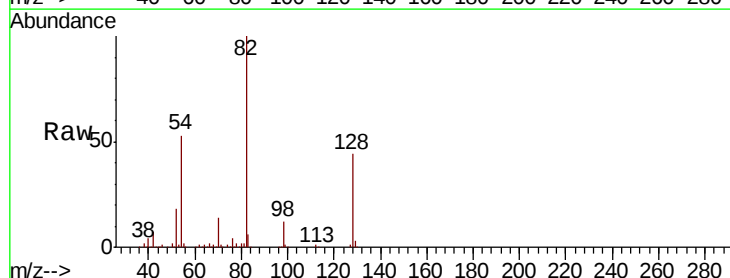
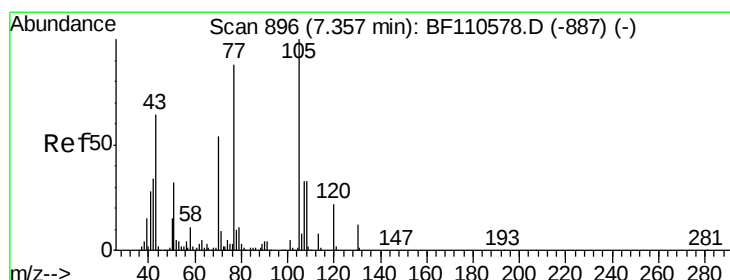
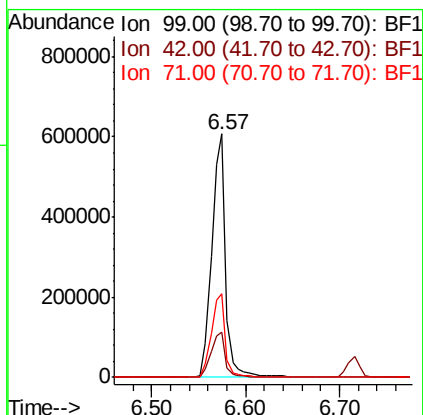
Tot Ion: 99 Resp: 631959

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

71 34.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.141 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110677.D

Acq: 12 Nov 2018 16:28

Tgt Ion: 70 Resp: 68848

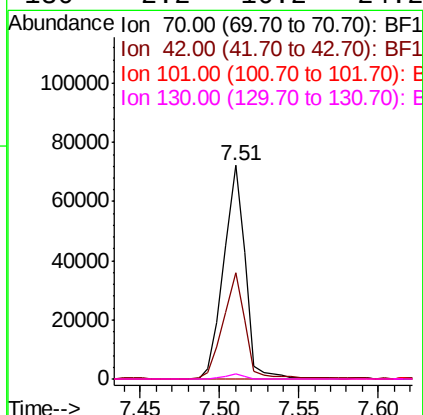
Ion Ratio Lower Upper

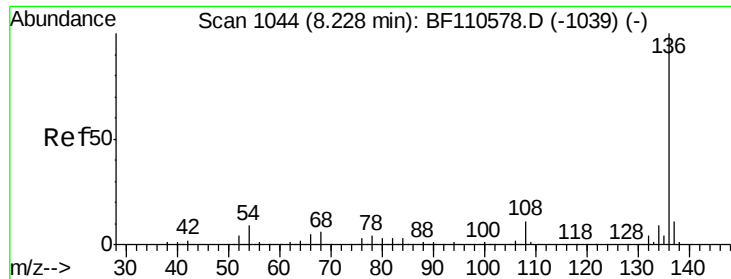
70 100

42 49.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

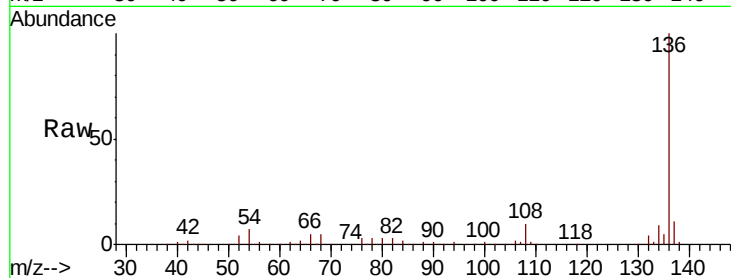




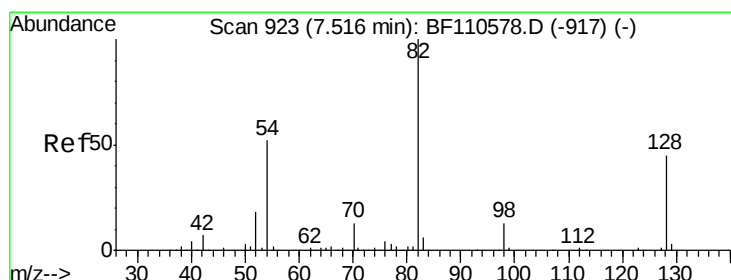
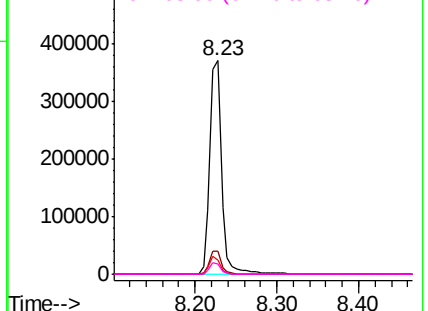
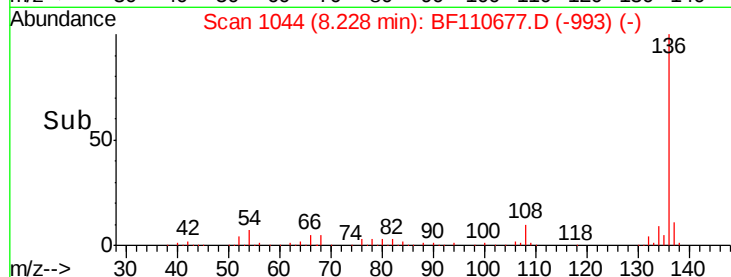
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	373744
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	6.9	5.4 8.2
68	4.9	4.2 6.2

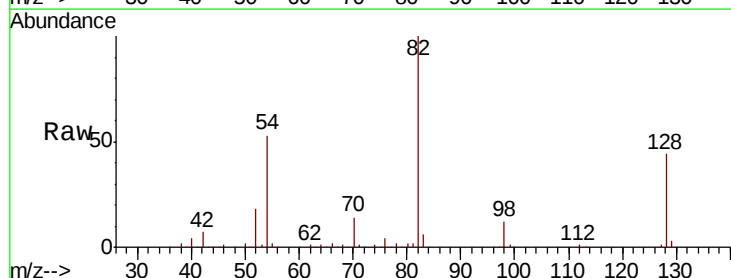


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

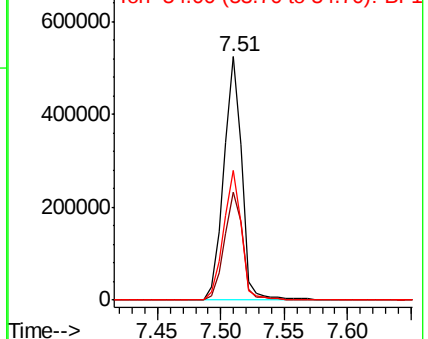
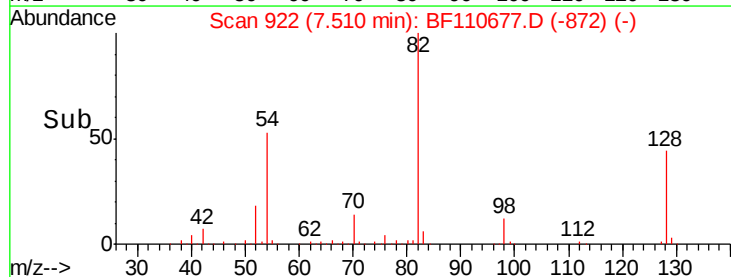


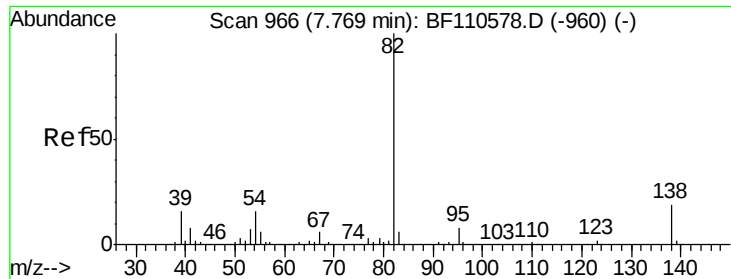
#23
Nitrobenzene-d5
Concen: 80.130 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

Tgt Ion: 82	Resp:	520029
Ion	Ratio	Lower Upper
82	100	
128	44.4	34.2 51.2
54	53.1	38.6 58.0



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

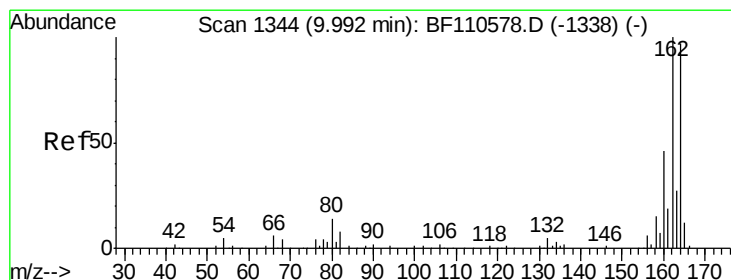
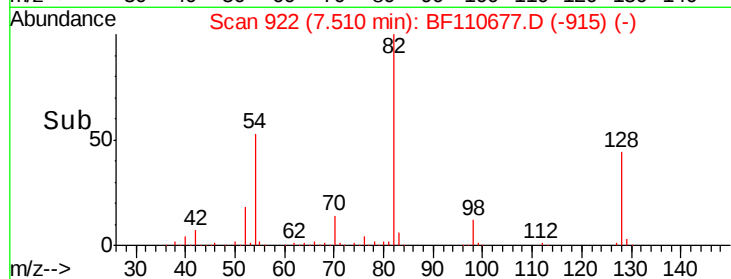
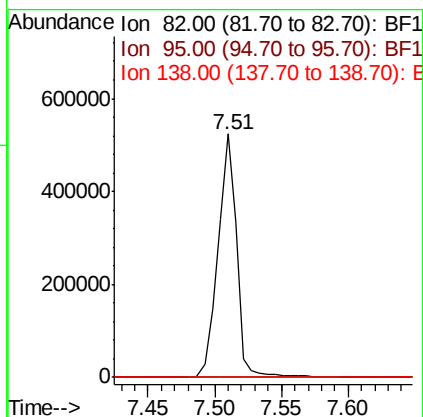
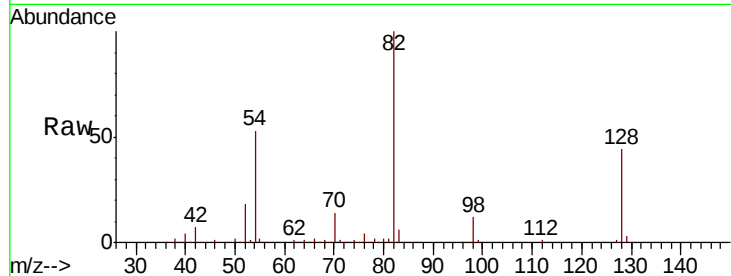




#25
Isophorone
Concen: 48.889 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

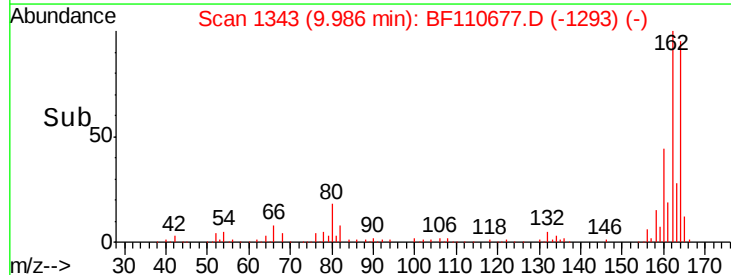
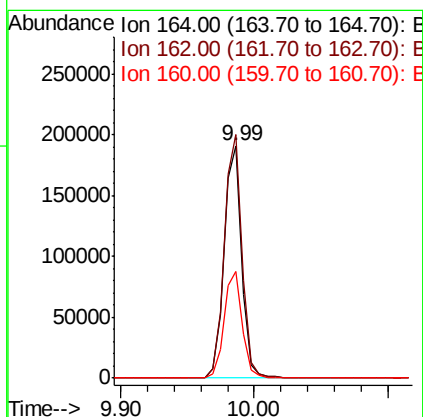
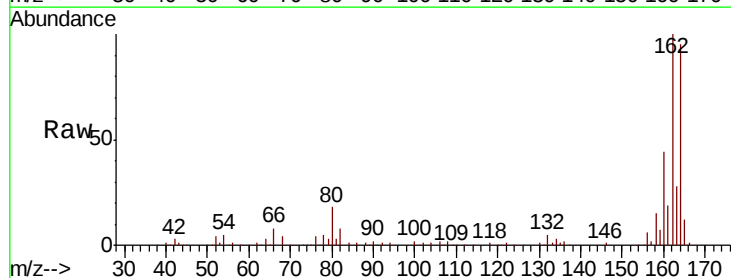
Instrument :
BNA_F
ClientSampleId :

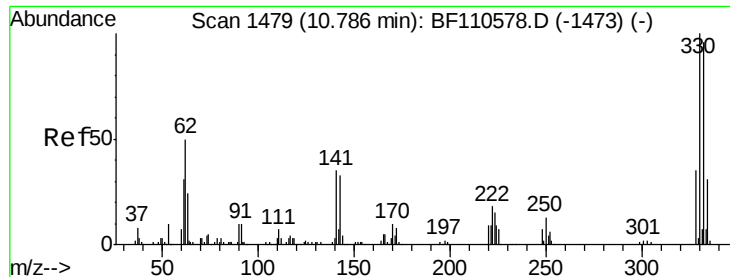
Tot Ion: 82 Resp: 520025
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

Tgt Ion:164 Resp: 177745
Ion Ratio Lower Upper
164 100
162 104.8 83.0 124.6
160 45.9 37.0 55.6

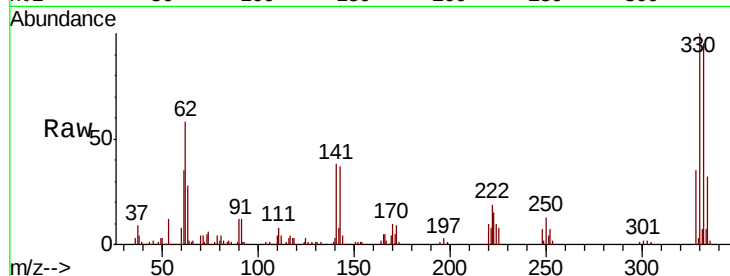




#42
 2,4,6-Tribromophenol
 Concen: 116.449 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110677.D
 Acq: 12 Nov 2018 16:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	37.4	27.0	40.4

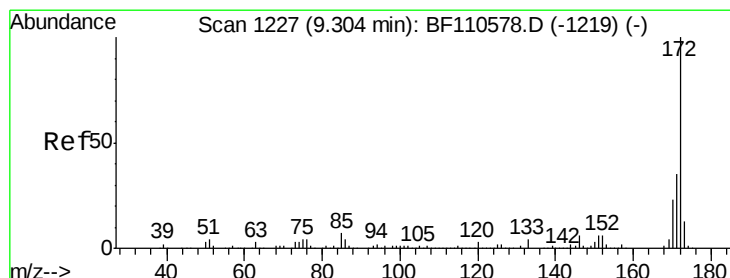
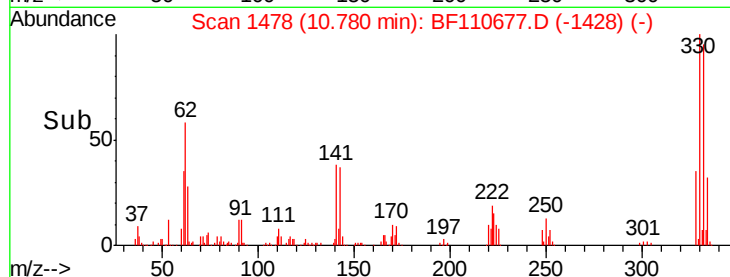
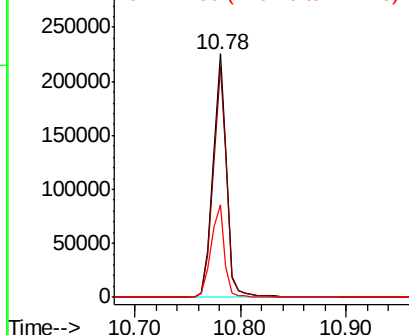


Abundance

Ion 329.80 (329.50 to 330.50): E

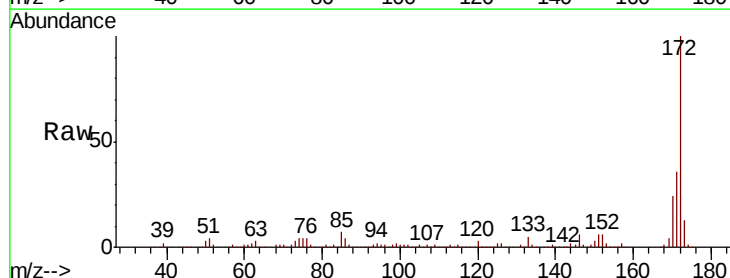
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.934 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110677.D
 Acq: 12 Nov 2018 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	19.7	29.5

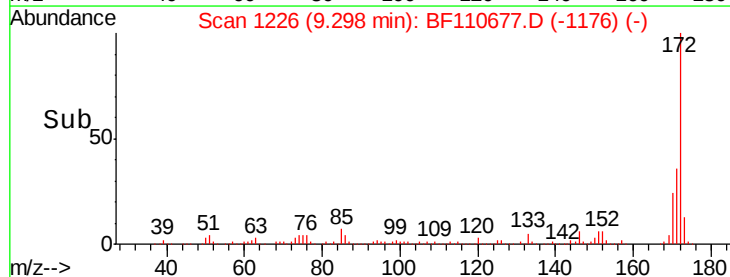
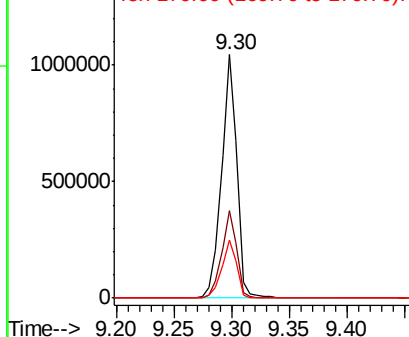


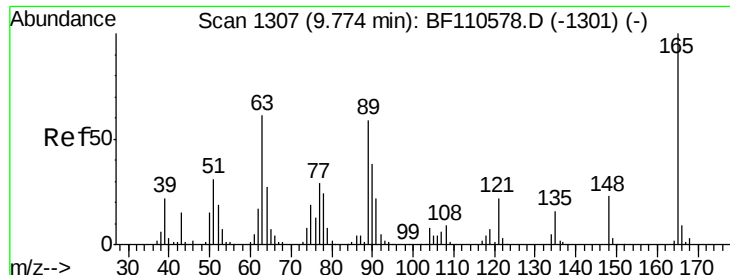
Abundance

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

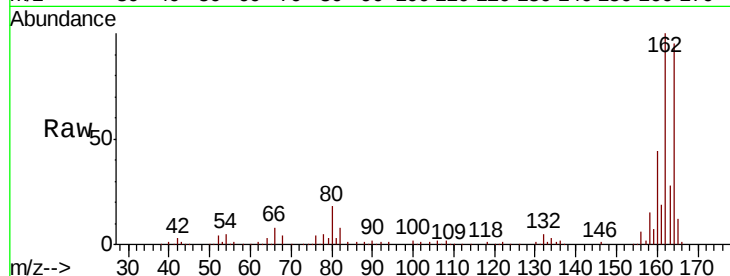




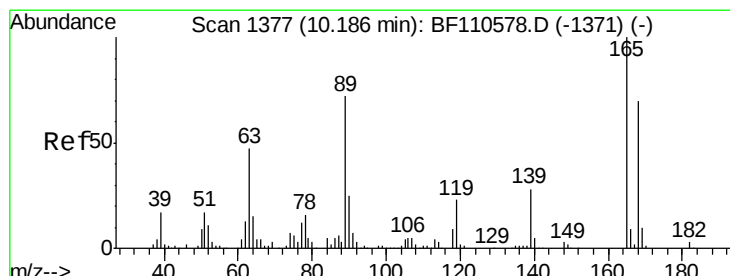
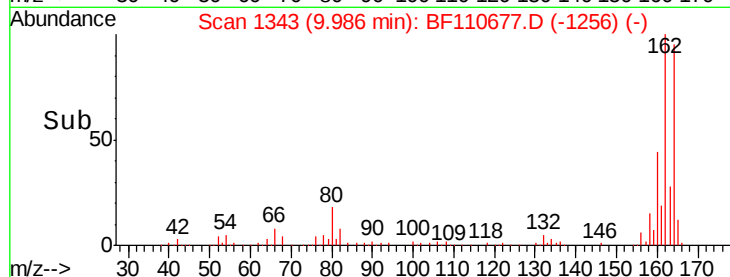
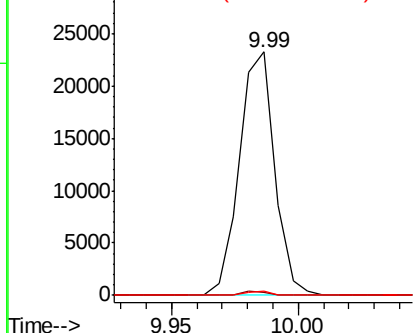
#51
 2,6-Dinitrotoluene
 Concen: 7.686 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110677.D
 Acq: 12 Nov 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.9	73.3#
89	1.7	46.6	69.8#



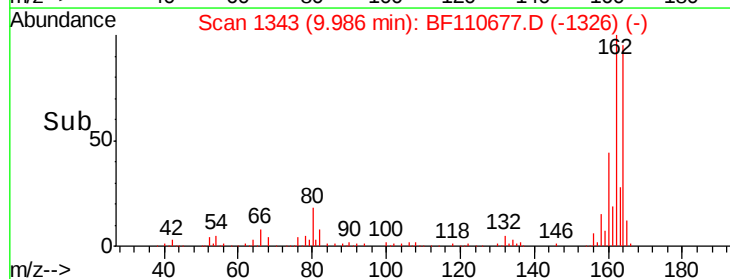
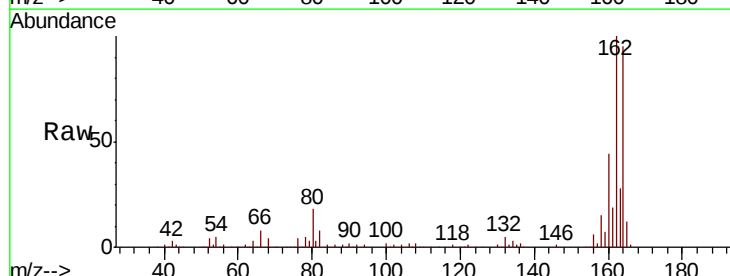
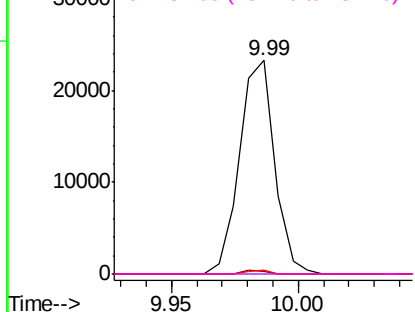
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

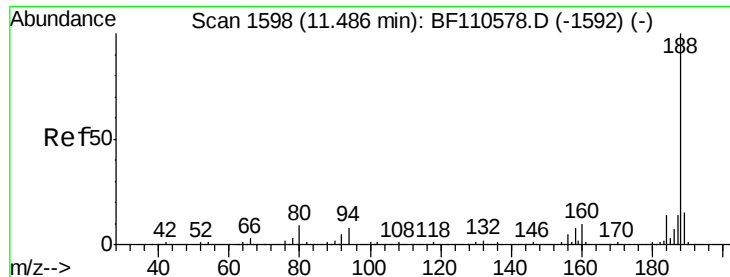


#57
 2,4-Dinitrotoluene
 Concen: 5.911 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110677.D
 Acq: 12 Nov 2018 16:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	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

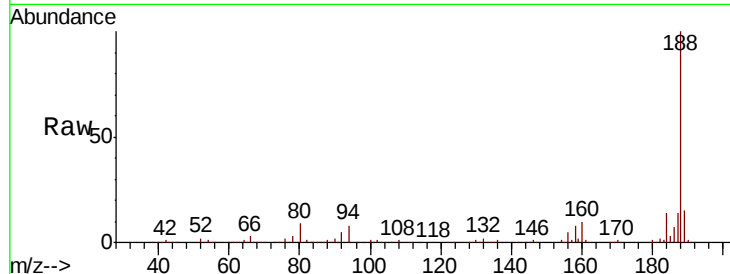




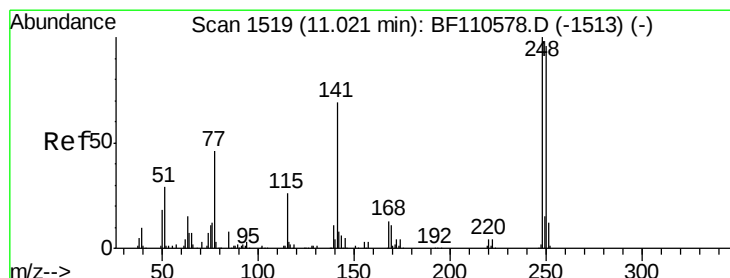
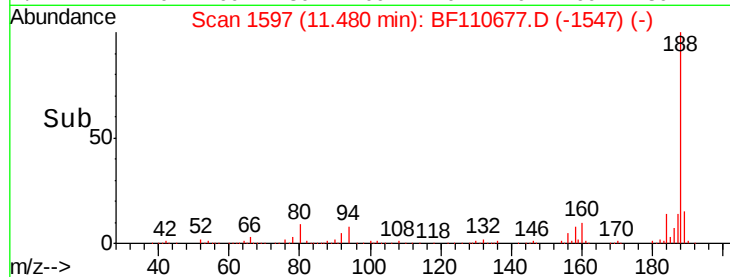
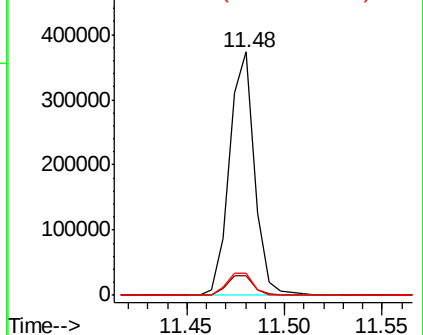
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110677.D
 Acq: 12 Nov 2018 16:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 333169
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.2 10.8
 80 9.3 7.9 11.9

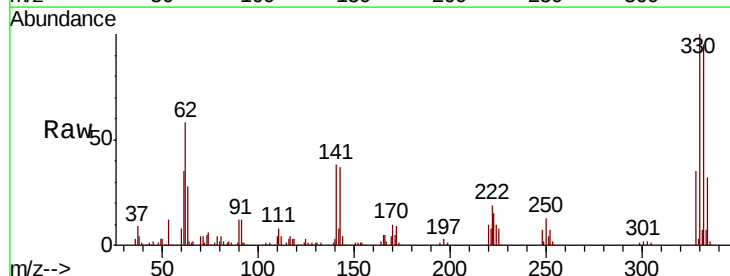


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

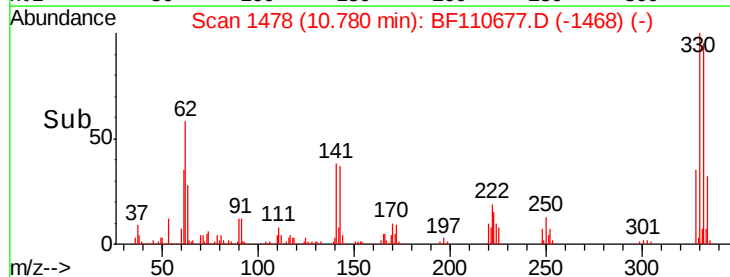
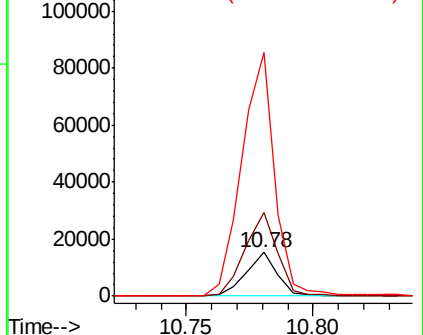


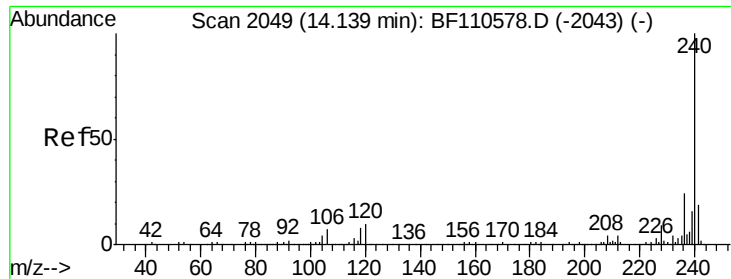
#67
 4-Bromophenyl-phenylether
 Concen: 3.539 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110677.D
 Acq: 12 Nov 2018 16:28

Tgt Ion:248 Resp: 13032
 Ion Ratio Lower Upper
 248 100
 250 193.2 79.4 119.2#
 141 561.9 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

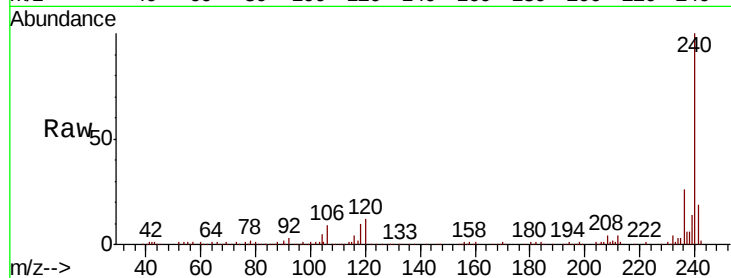




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.3	21.2	31.8

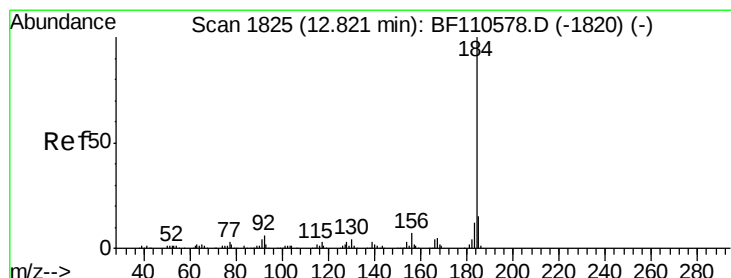
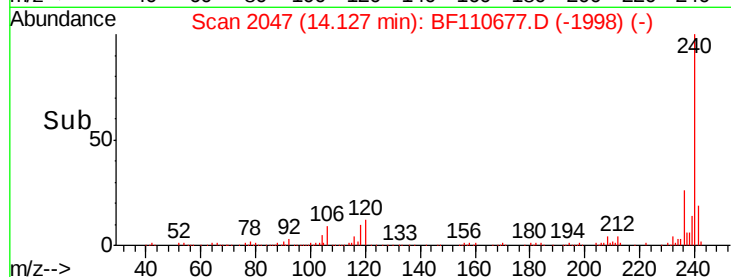
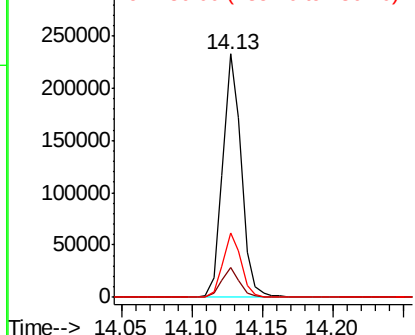


Abundance

Ion 240.00 (239.70 to 240.70): E

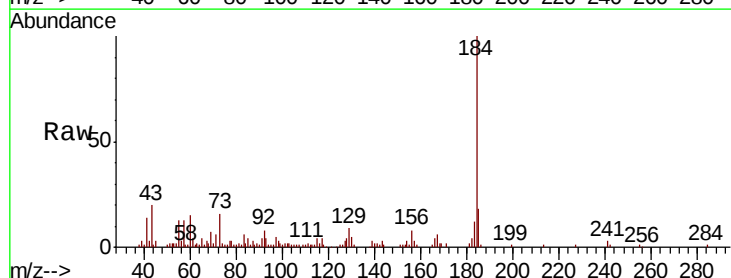
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
Benzidine
Concen: 12.762 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.8	13.4	20.2
183	11.6	9.4	14.2

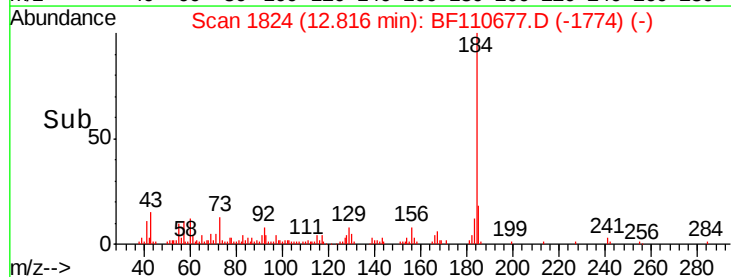
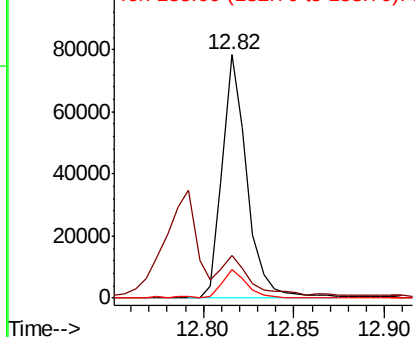


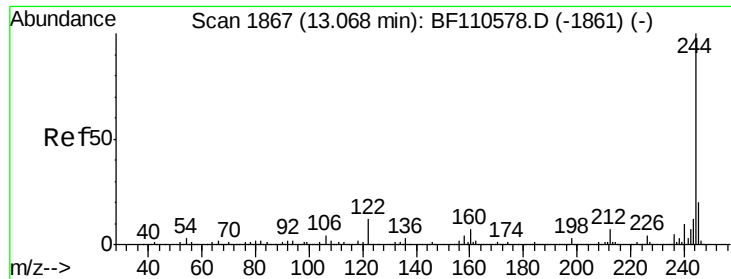
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 82.654 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110677.D

Acq: 12 Nov 2018 16:28

Instrument :

BNA_F

ClientSampleId :

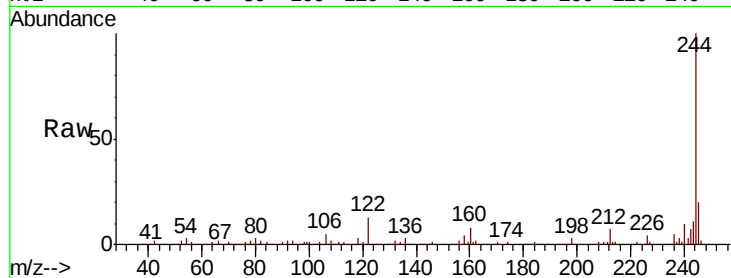
Tot Ion:244 Resp: 937991

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

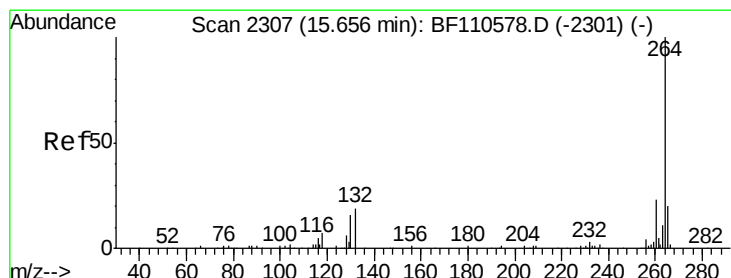
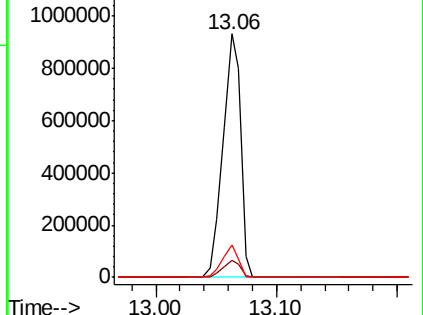
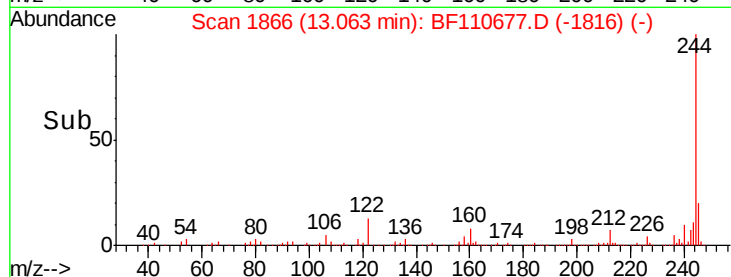
122 13.1 8.7 13.1



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: BF110677.D

Acq: 12 Nov 2018 16:28

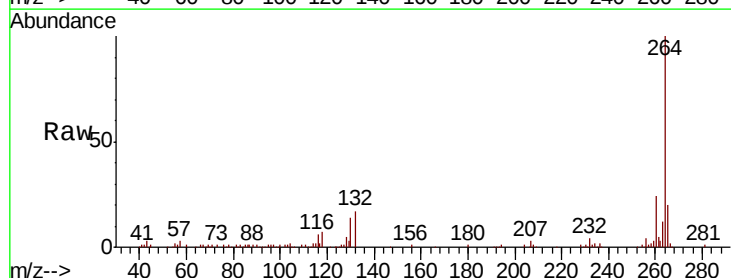
Tgt Ion:264 Resp: 162723

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 19.9 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

