

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110593.D
 Acq On : 8 Nov 2018 19:06
 Operator : JU/SJ
 Sample : J5851-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:42:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

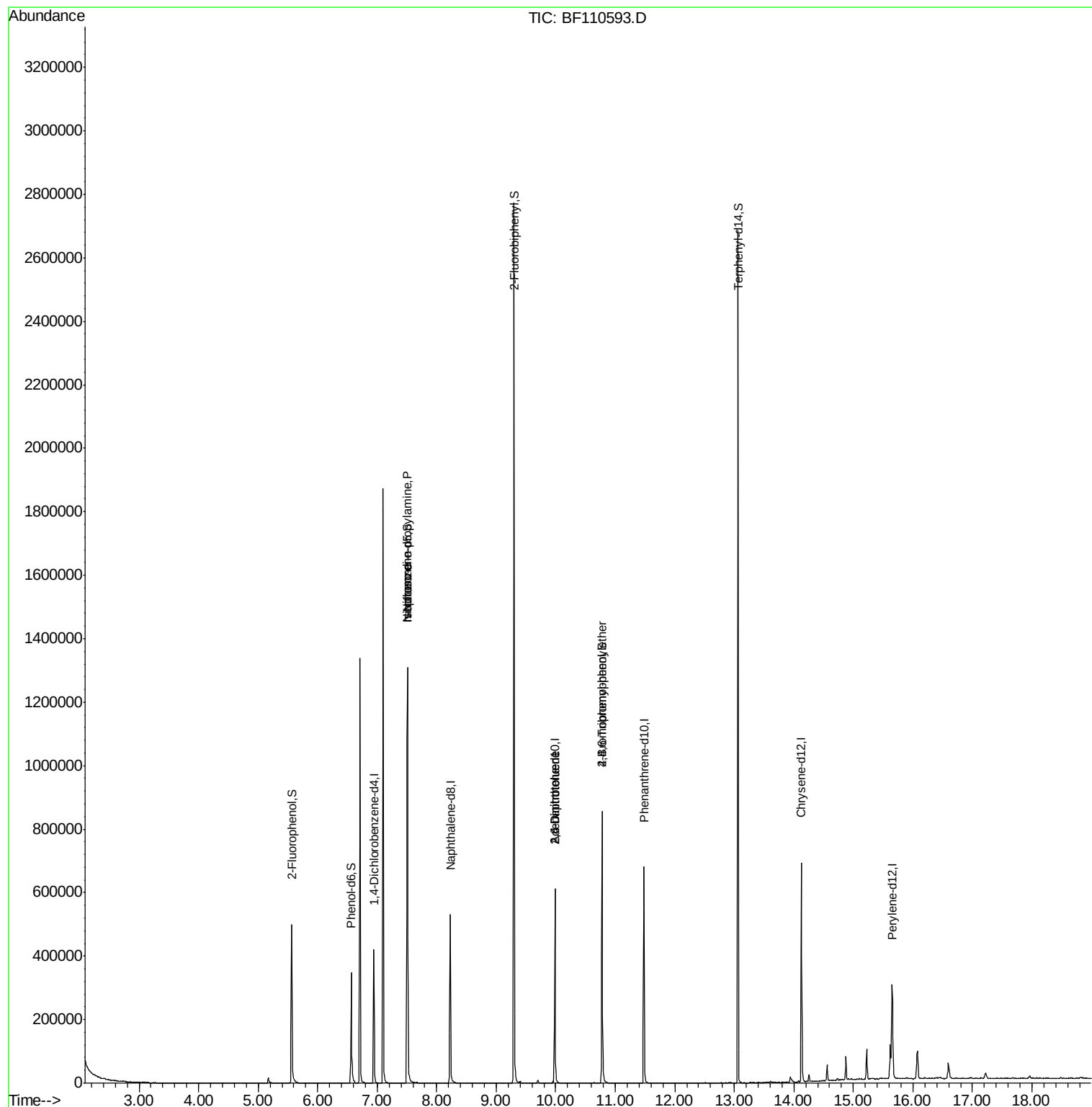
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	67204	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	283878	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	137313	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	271030	20.00	ng	0.00
76) Chrysene-d12	14.13	240	234599	20.00	ng	-0.01
87) Perylene-d12	15.65	264	156666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	166932	40.35	ng	0.00
7) Phenol-d6	6.56	99	132154	24.98	ng	-0.01
23) Nitrobenzene-d5	7.51	82	462969	93.92	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	104829	75.77	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	898661	93.47	ng	0.00
79) Terphenyl-d14	13.06	244	880516	70.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	60199	17.83	ng	# 78
25) Isophorone	7.51	82	462967	57.30	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	16825	7.46	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	16825	5.74	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	6808	2.27	ng	# 1

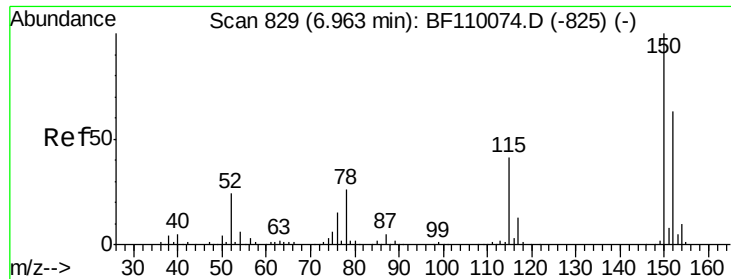
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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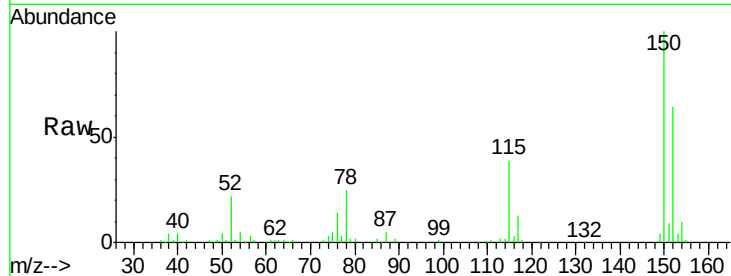


#1

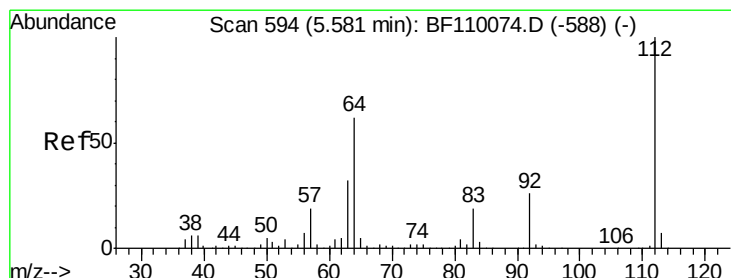
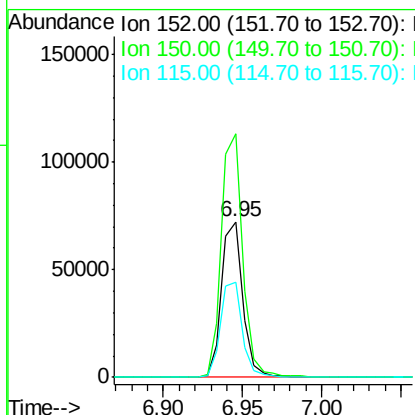
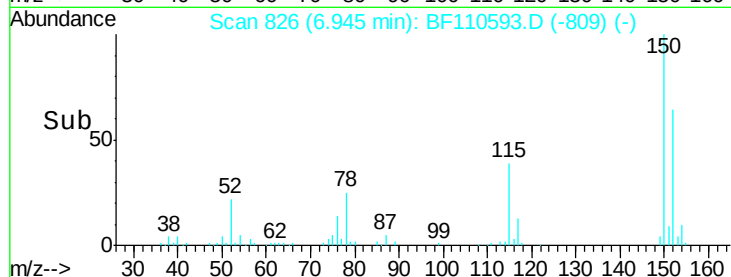
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110593.D
Acq: 8 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67204
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 61.3 49.1 73.7



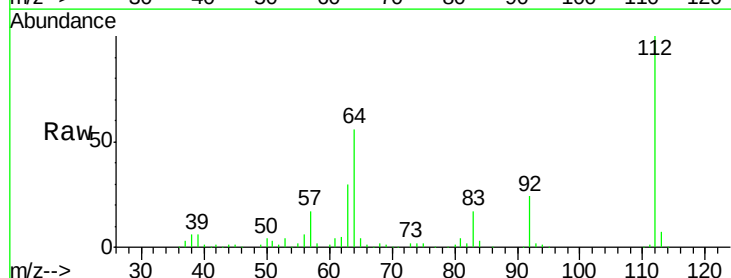
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



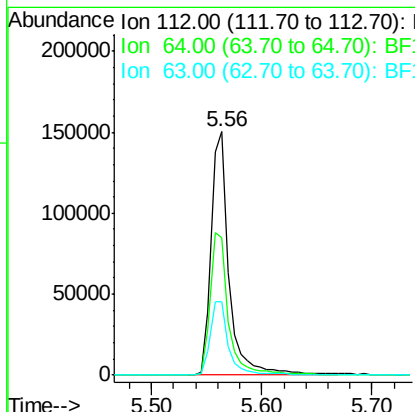
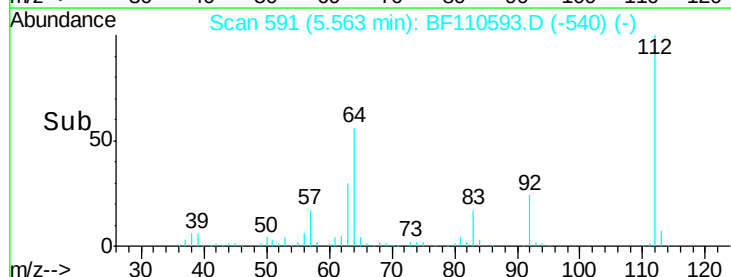
#5

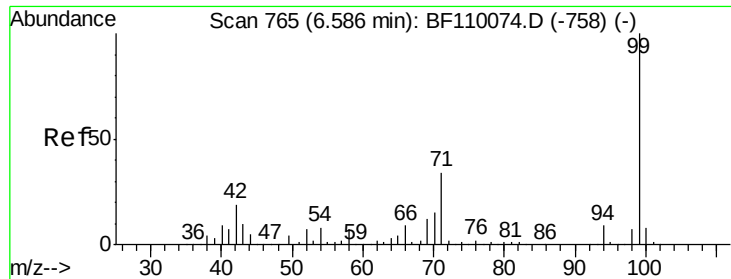
2-Fluorophenol
Concen: 40.35 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110593.D
Acq: 8 Nov 2018 19:06

Tgt Ion:112 Resp: 166932
Ion Ratio Lower Upper
112 100
64 56.4 44.1 66.1
63 30.1 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: 24.98 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110593.D

Acq: 8 Nov 2018 19:06

Instrument :

BNA_F

ClientSampleId :

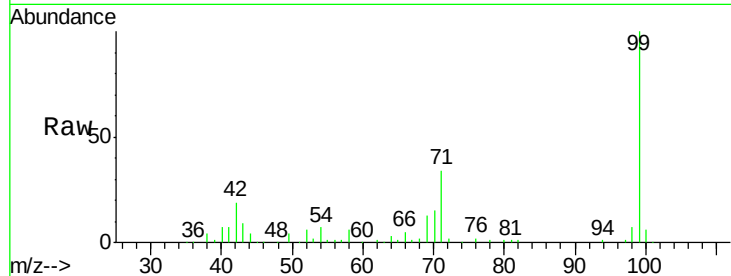
Tot Ion: 99 Resp: 132154

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

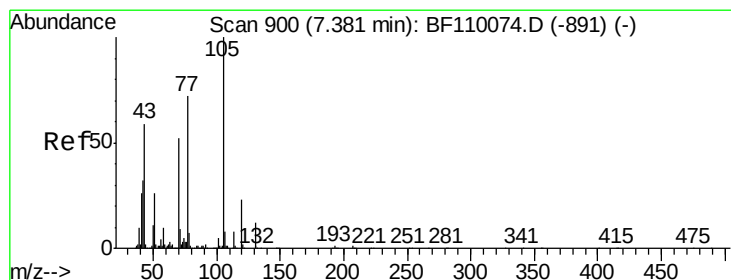
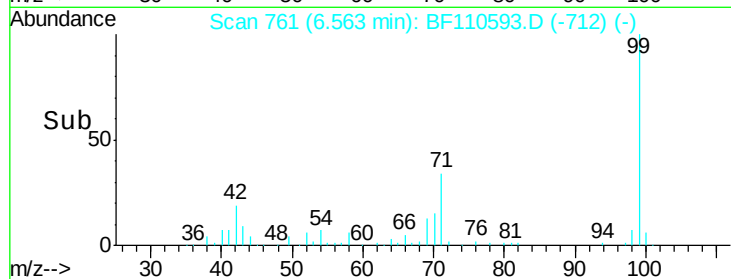
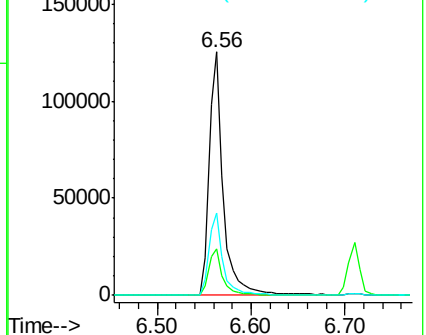
71 33.9 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.83 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110593.D

Acq: 8 Nov 2018 19:06

Tgt Ion: 70 Resp: 60199

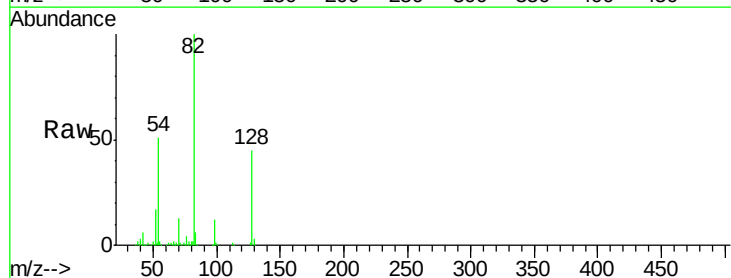
Ion Ratio Lower Upper

70 100

42 47.1 47.4 71.2#

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

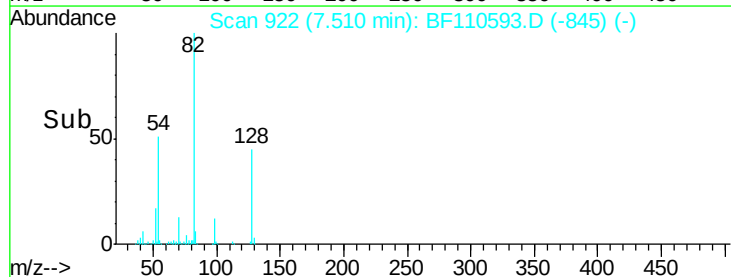
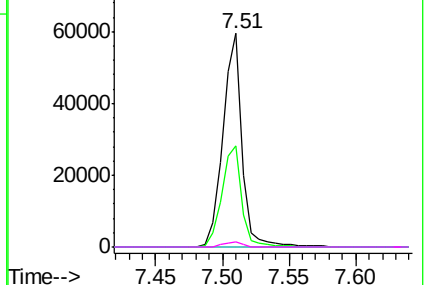


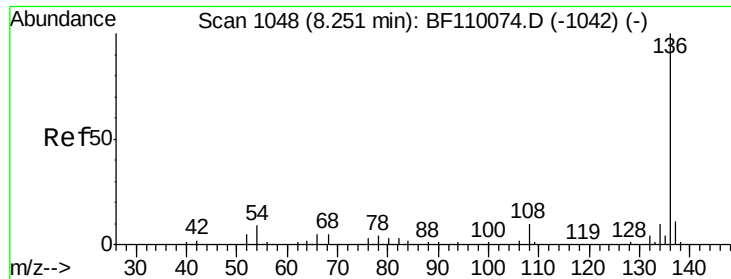
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

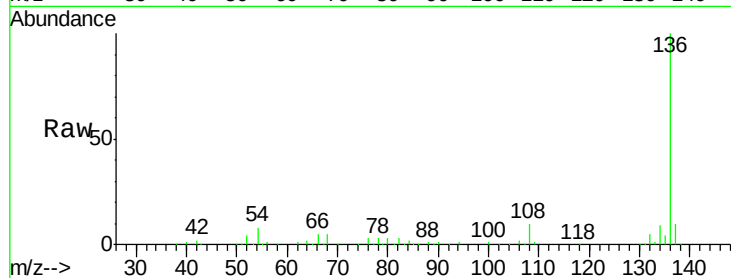




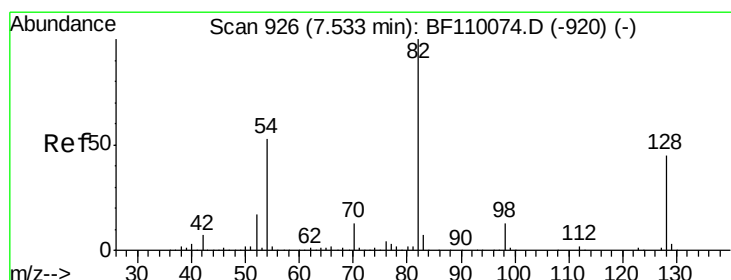
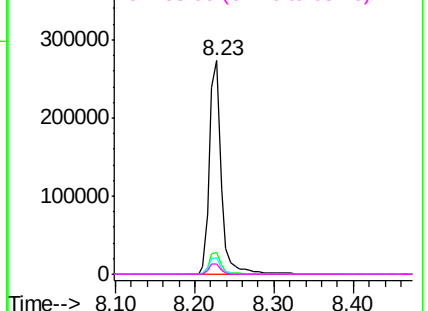
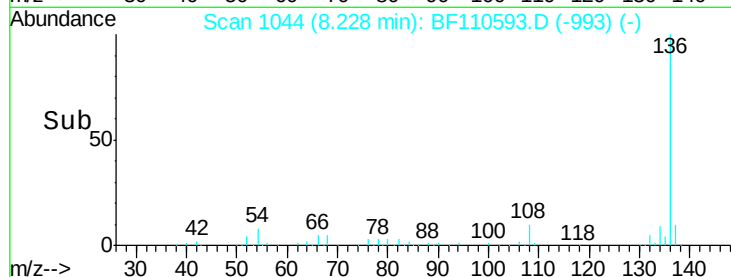
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110593.D
Acq: 8 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	283878
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	7.6	5.4 8.2
68	5.0	4.2 6.2

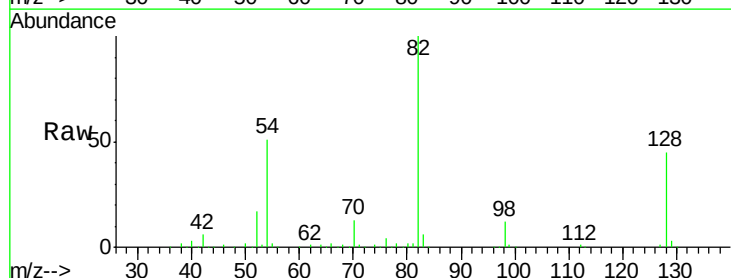


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

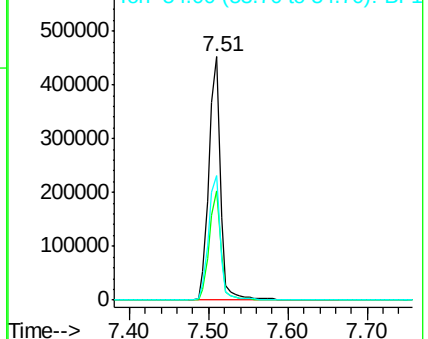
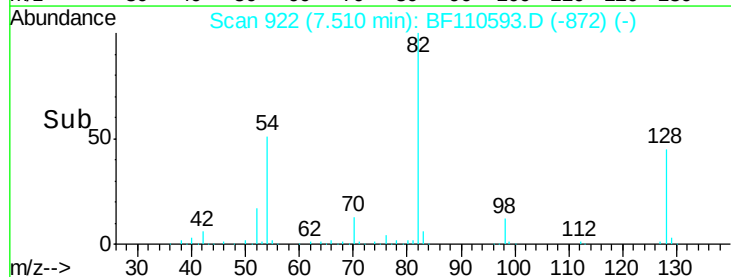


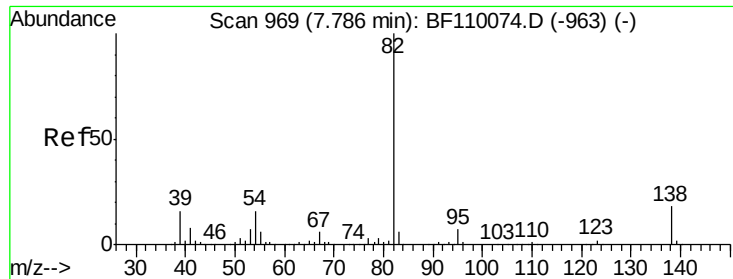
#23
Nitrobenzene-d5
Concen: 93.92 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110593.D
Acq: 8 Nov 2018 19:06

Tgt Ion: 82	Resp:	462969
Ion Ratio	Lower	Upper
82	100	
128	44.6	34.2 51.2
54	51.4	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

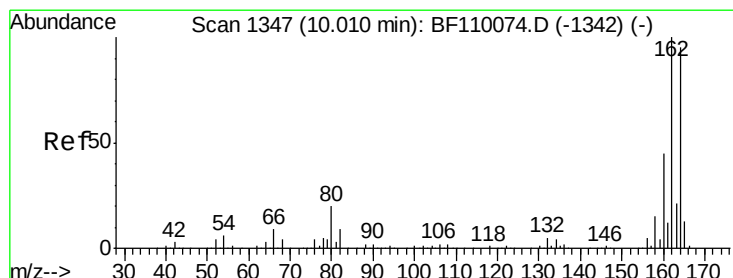
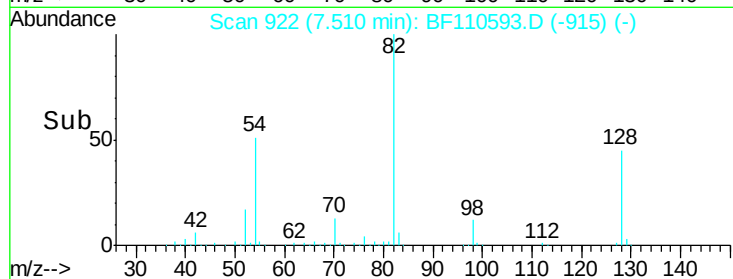
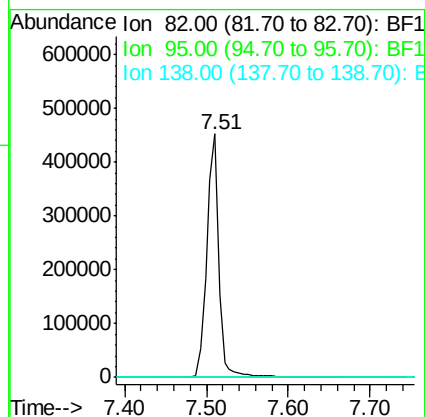
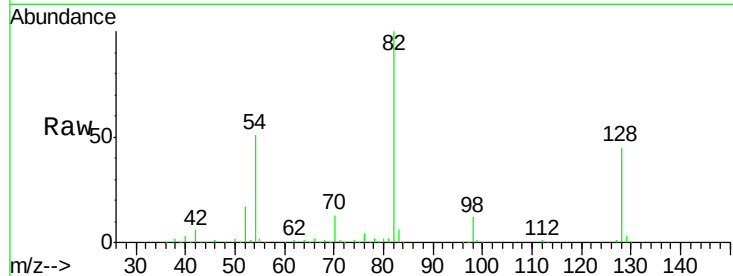




#25
Isophorone
Concen: 57.30 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110593.D
Acq: 8 Nov 2018 19:06

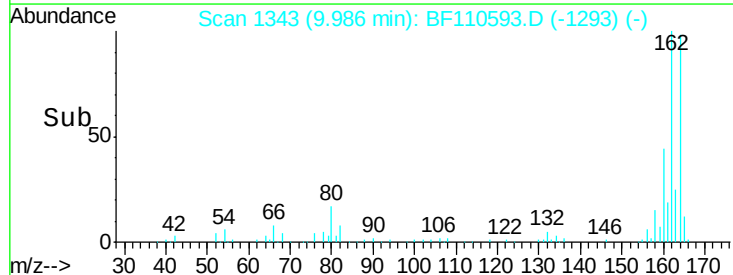
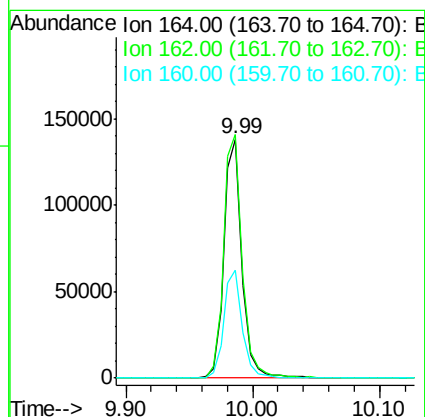
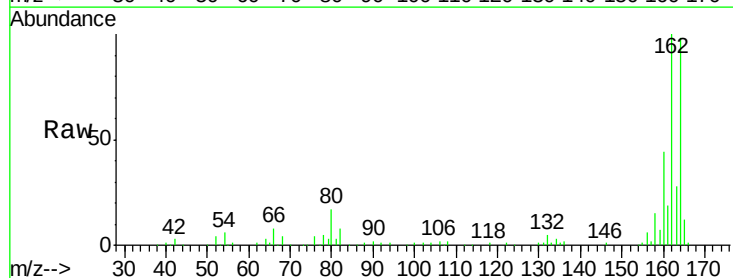
Instrument :
BNA_F
ClientSampleId :

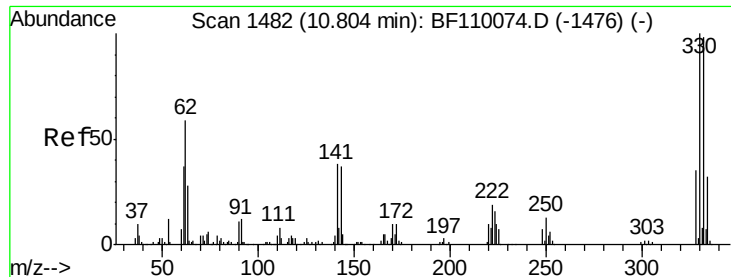
Tot Ion: 82 Resp: 462967
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110593.D
Acq: 8 Nov 2018 19:06

Tgt Ion:164 Resp: 137313
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.6
160 45.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 75.77 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110593.D

Acq: 8 Nov 2018 19:06

Instrument :

BNA_F

ClientSampled :

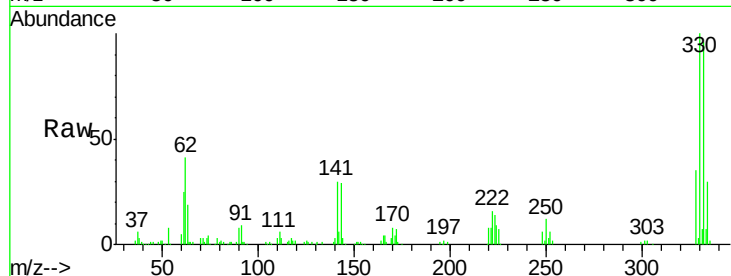
Tot Ion:330 Resp: 104829

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

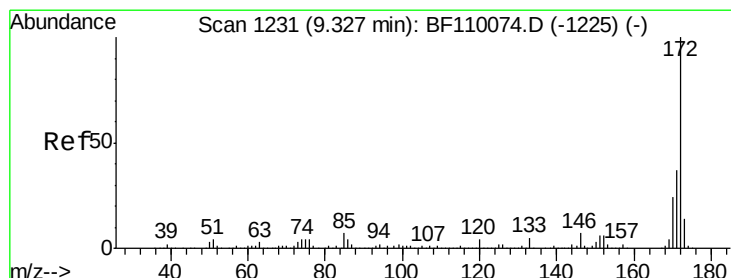
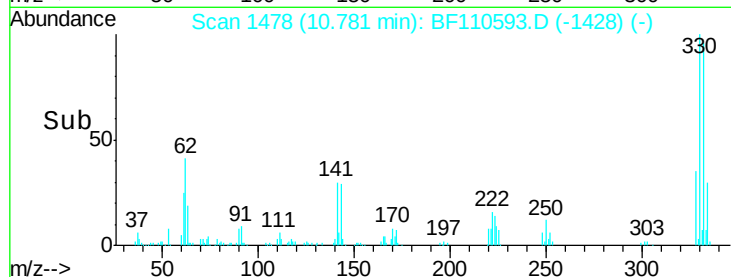
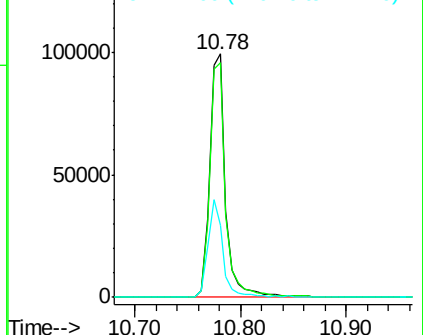
141 37.6 27.0 40.4



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: 93.47 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110593.D

Acq: 8 Nov 2018 19:06

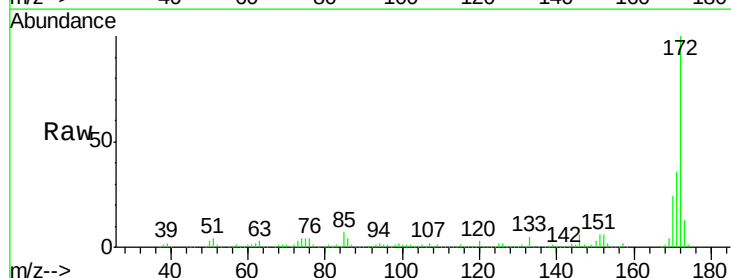
Tgt Ion:172 Resp: 898661

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

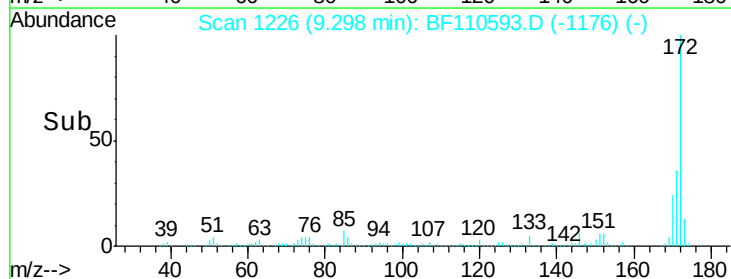
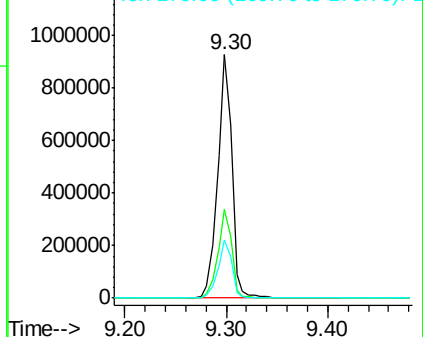
170 24.0 19.7 29.5

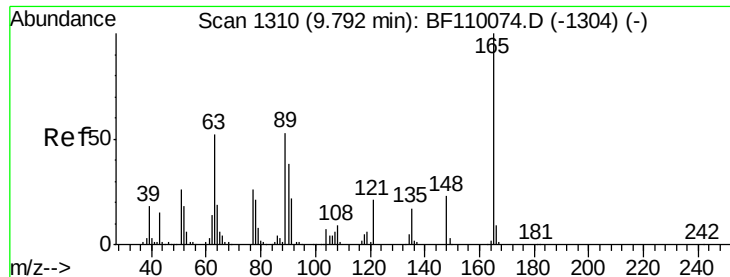


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.46 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

Lab File: BF110593.D

Acq: 8 Nov 2018 19:06

Instrument :

BNA_F

ClientSampleId :

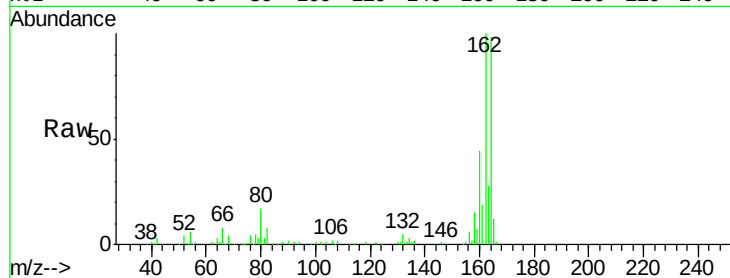
Tot Ion:165 Resp: 16825

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

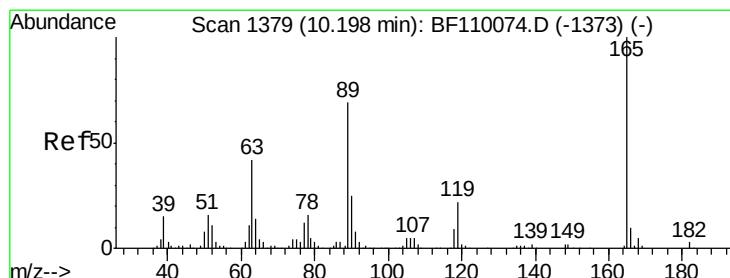
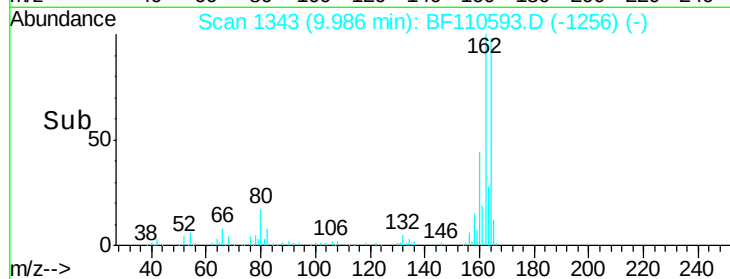
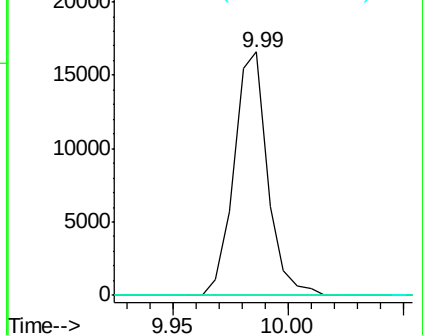
89 0.0 46.6 69.8#



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: 5.74 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.20 min

Lab File: BF110593.D

Acq: 8 Nov 2018 19:06

Tgt Ion:165 Resp: 16825

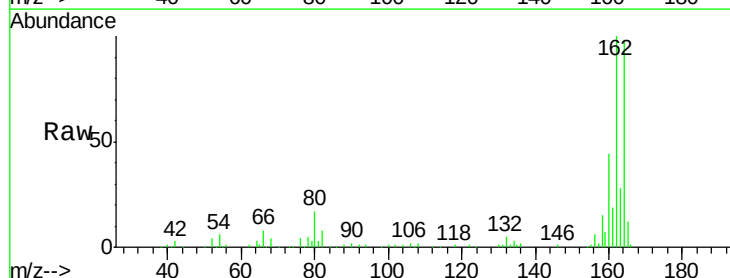
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

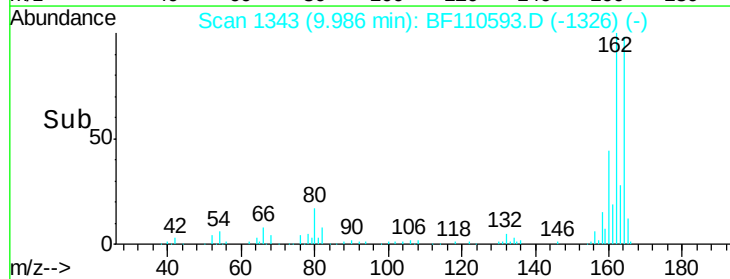
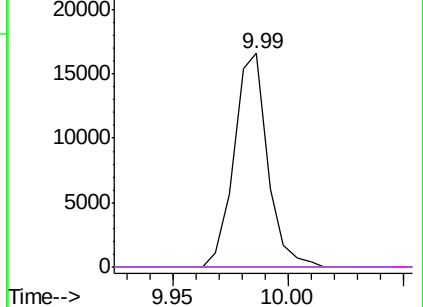


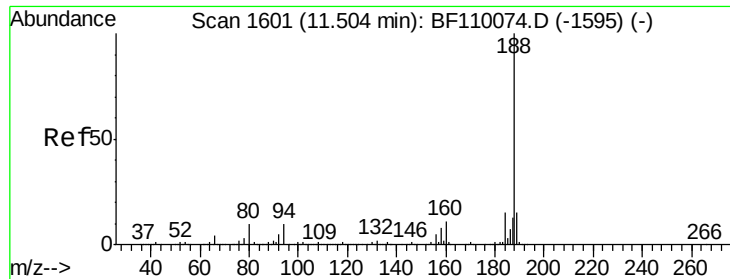
Abundance Ion 165.00 (164.70 to 165.70): E

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

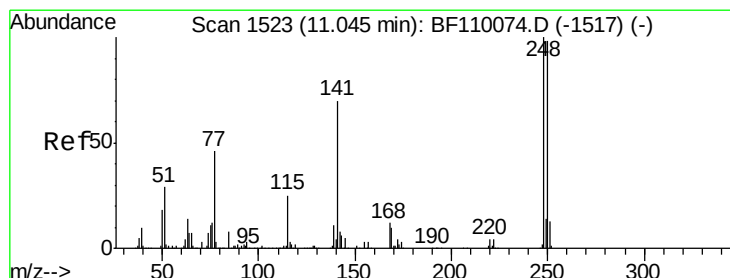
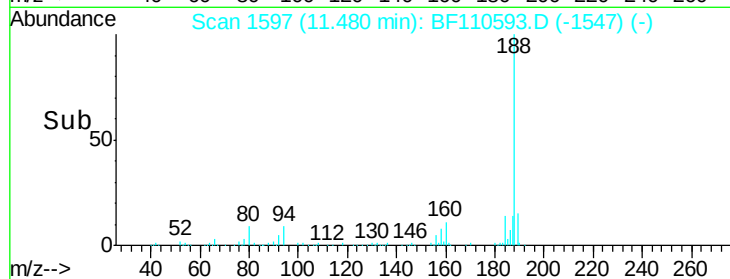
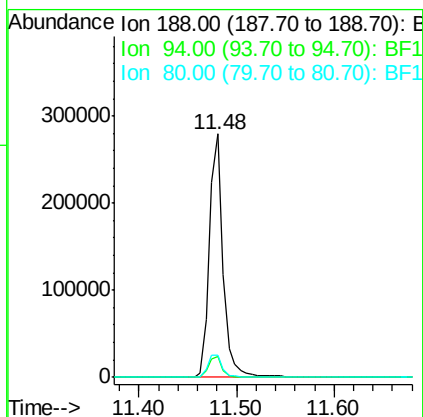
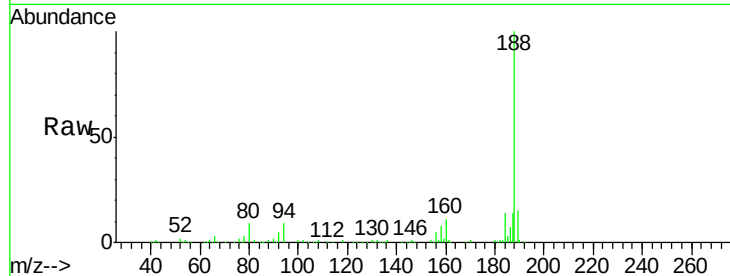




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110593.D
Acq: 8 Nov 2018 19:06

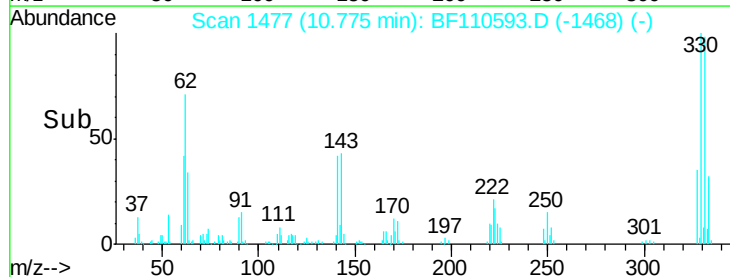
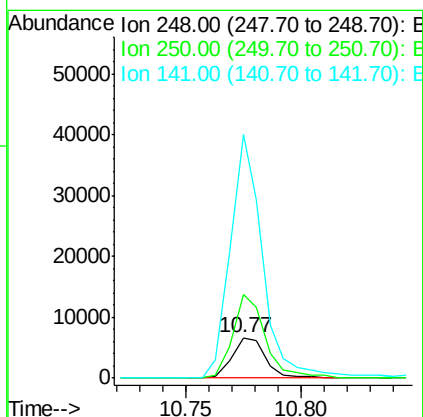
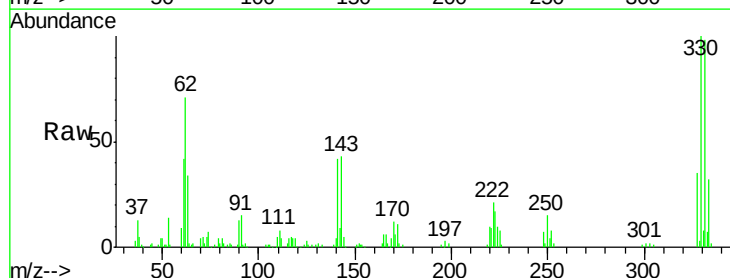
Instrument :
BNA_F
ClientSampleId :

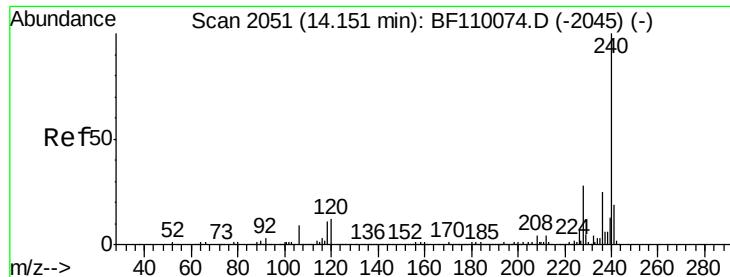
Tot Ion:188 Resp: 271030
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.27 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110593.D
Acq: 8 Nov 2018 19:06

Tgt Ion:248 Resp: 6808
Ion Ratio Lower Upper
248 100
250 207.8 79.4 119.2#
141 602.5 55.9 83.9#

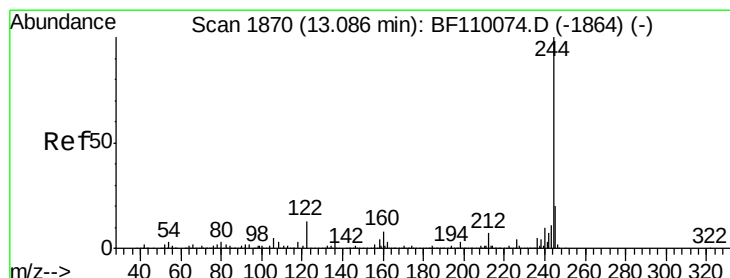
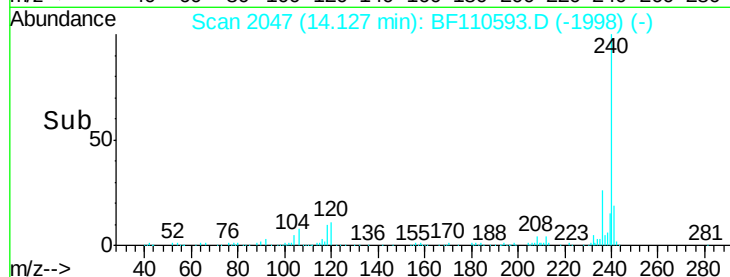
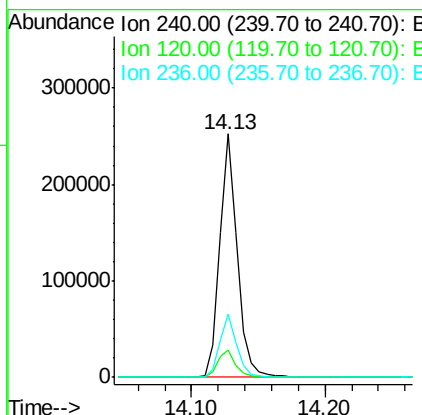
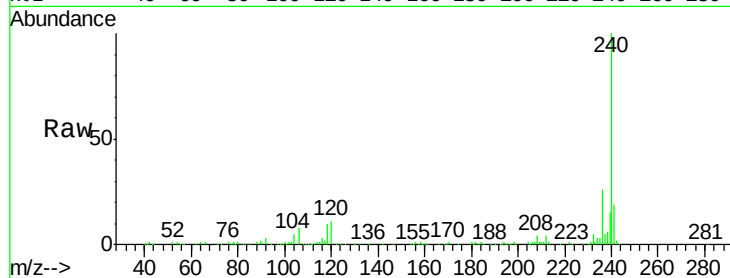




#76
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110593.D
 Acq: 8 Nov 2018 19:06

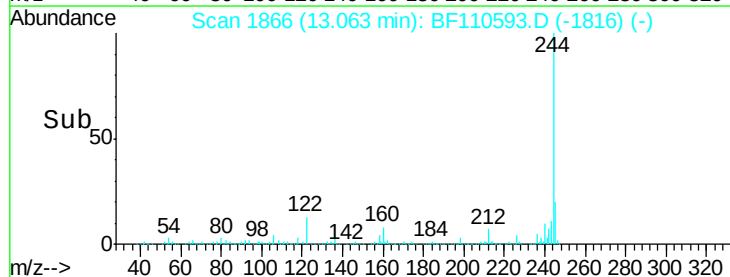
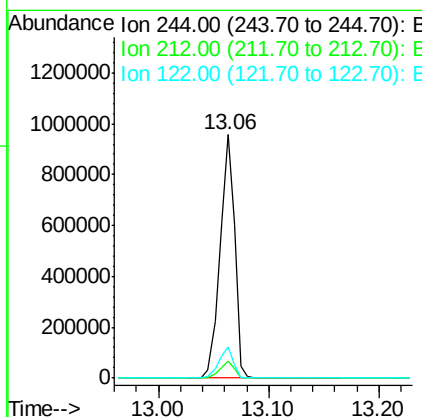
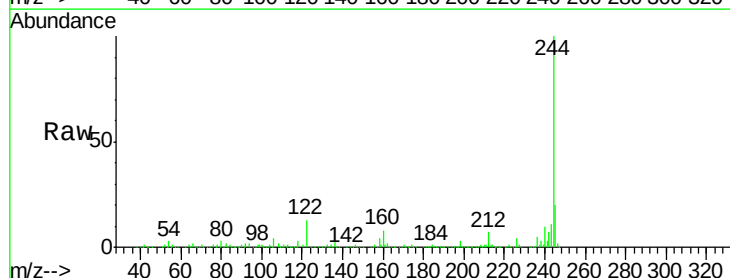
Instrument :
 BNA_F
 ClientSampleId :

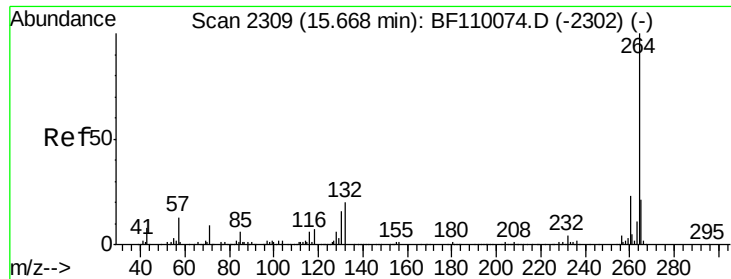
Tot Ion:240 Resp: 234599
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 26.0 21.2 31.8



#79
 Terphenyl-d14
 Concen: 70.29 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110593.D
 Acq: 8 Nov 2018 19:06

Tgt Ion:244 Resp: 880516
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.9 8.7 13.1

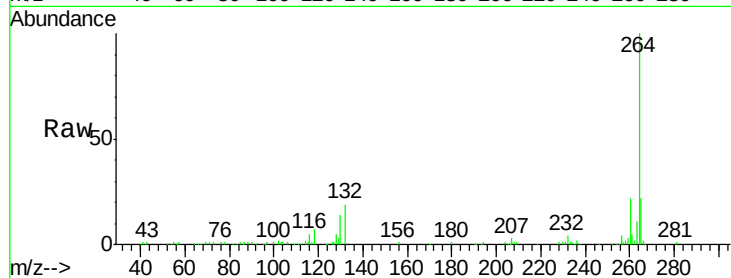




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110593.D
 Acq: 8 Nov 2018 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	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

