

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110598.D
 Acq On : 8 Nov 2018 21:20
 Operator : JU/SJ
 Sample : J5851-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:42:50 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

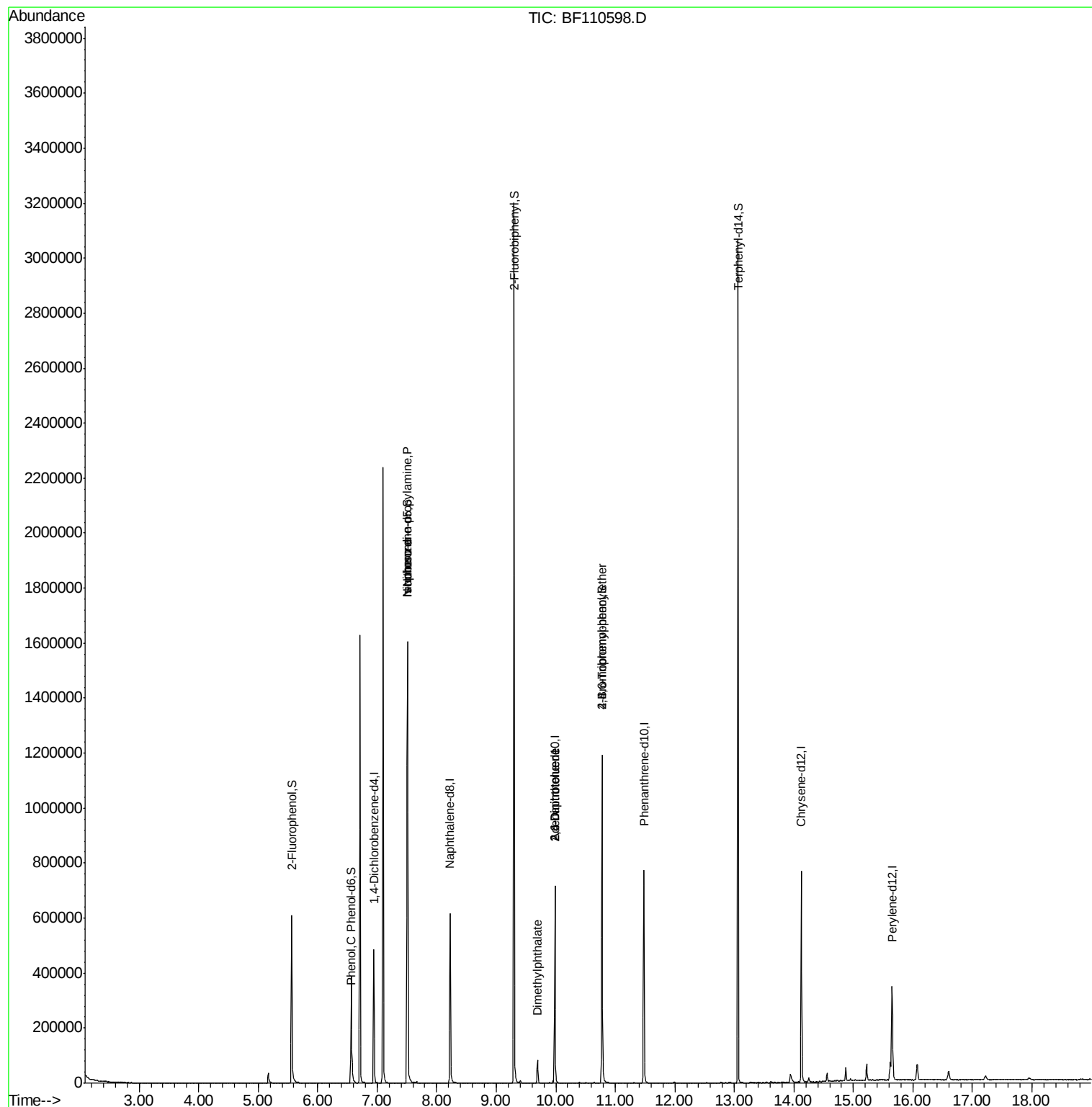
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77603	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	329531	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	158553	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	317743	20.00	ng	0.00
76) Chrysene-d12	14.13	240	265974	20.00	ng	-0.01
87) Perylene-d12	15.65	264	181832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	191677	40.12	ng	0.00
7) Phenol-d6	6.56	99	144427	23.64	ng	-0.01
23) Nitrobenzene-d5	7.51	82	587961	102.75	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	145954	91.36	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1105022	99.54	ng	0.00
79) Terphenyl-d14	13.06	244	1096823	77.23	ng	0.00
Target Compounds						
10) Phenol	6.57	94	25190	3.56	ng	# 69
19) n-Nitroso-di-n-propylamine	7.51	70	77630	19.91	ng	# 79
25) Isophorone	7.51	82	587958	62.69	ng	# 67
50) Dimethylphthalate	9.69	163	40003	3.38	ng	99
51) 2,6-Dinitrotoluene	9.98	165	19282	7.41	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	19282	5.70	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	9161	2.61	ng	# 1

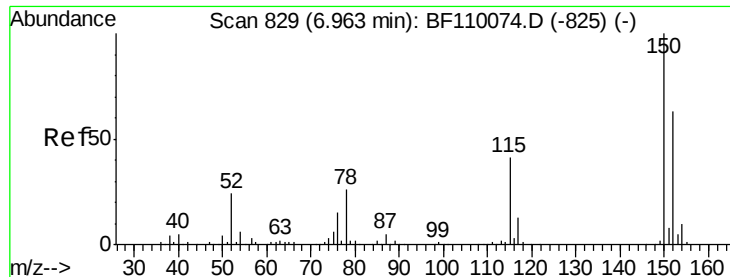
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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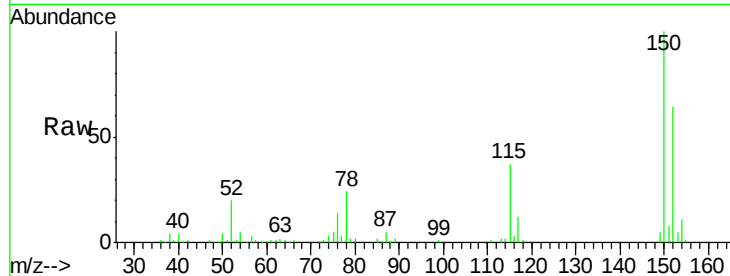


#1

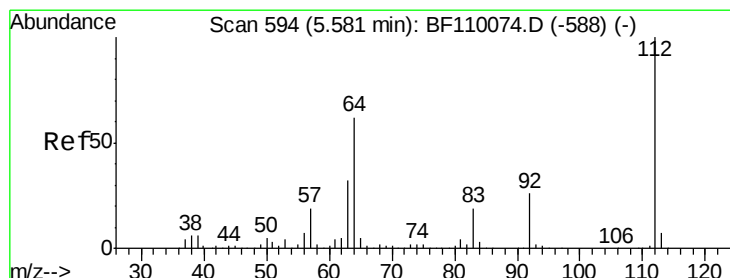
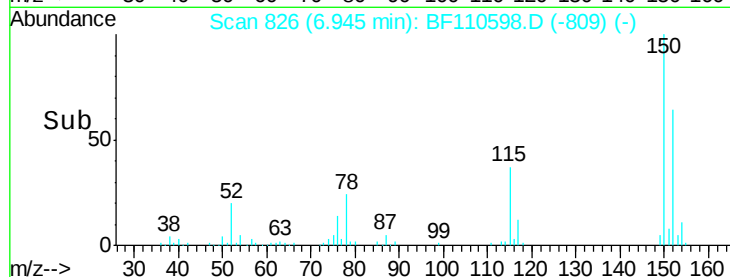
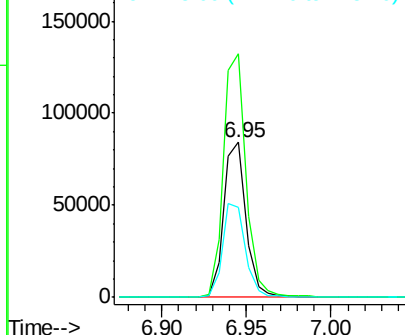
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77603
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 58.1 49.1 73.7



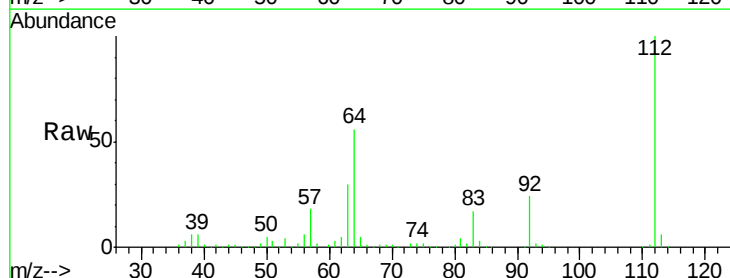
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



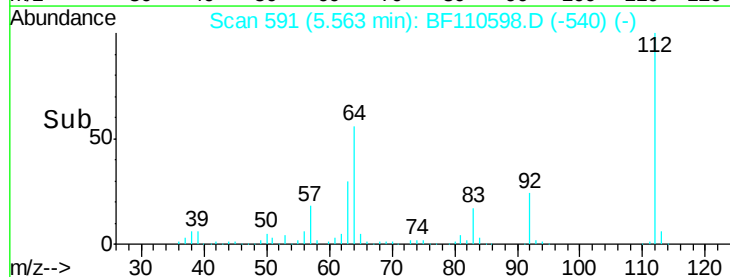
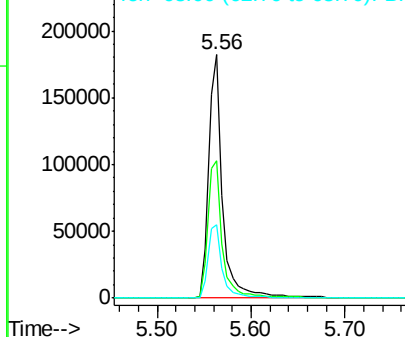
#5

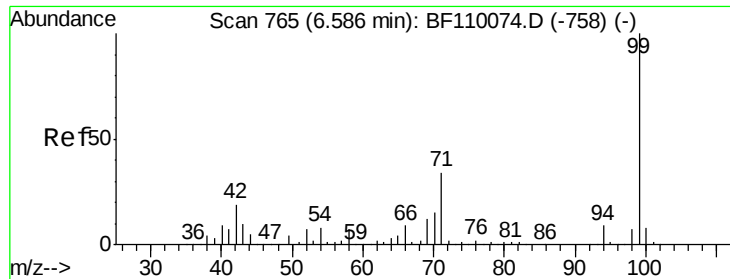
2-Fluorophenol
Concen: 40.12 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

Tgt Ion:112 Resp: 191677
Ion Ratio Lower Upper
112 100
64 56.4 44.1 66.1
63 30.3 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: 23.64 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110598.D

Acq: 8 Nov 2018 21:20

Instrument :

BNA_F

ClientSampleId :

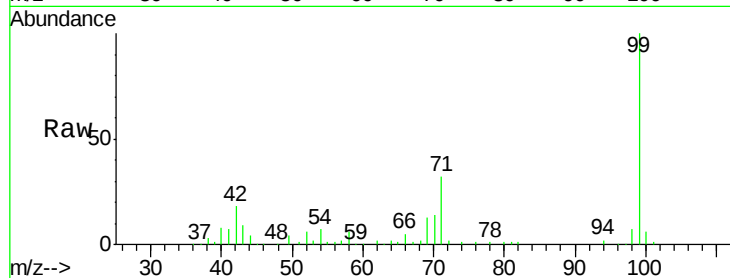
Tot Ion: 99 Resp: 144427

Ion Ratio Lower Upper

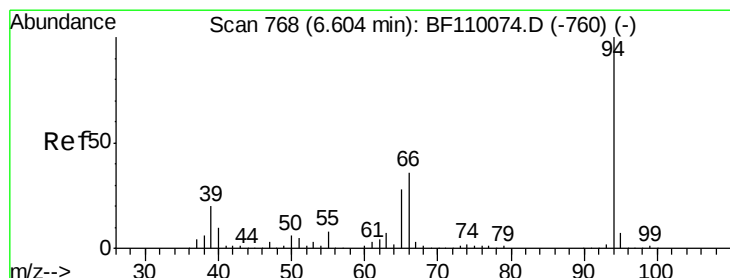
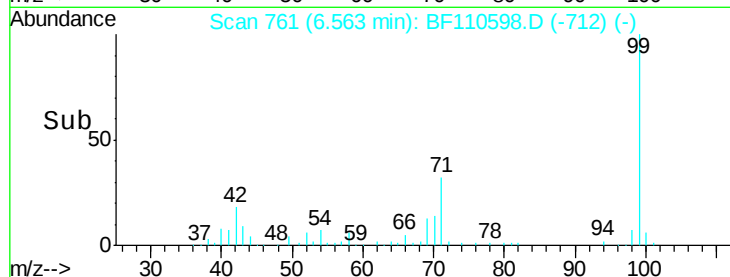
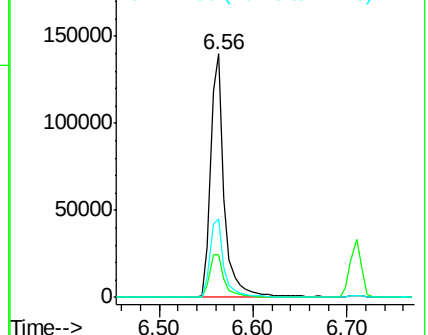
99 100

42 17.5 15.8 23.6

71 32.5 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: 3.56 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110598.D

Acq: 8 Nov 2018 21:20

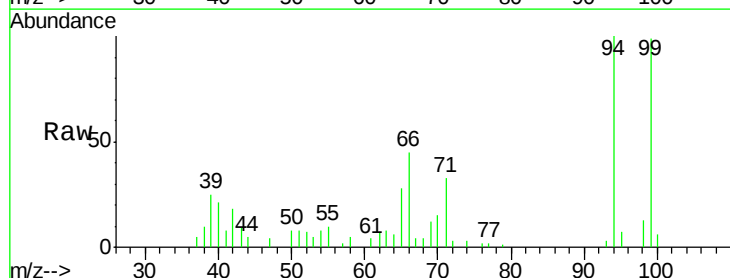
Tgt Ion: 94 Resp: 25190

Ion Ratio Lower Upper

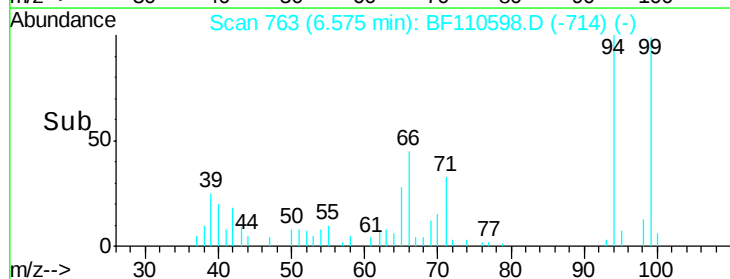
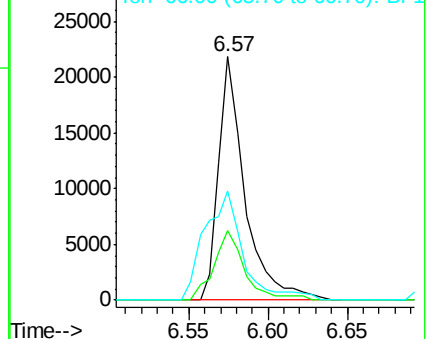
94 100

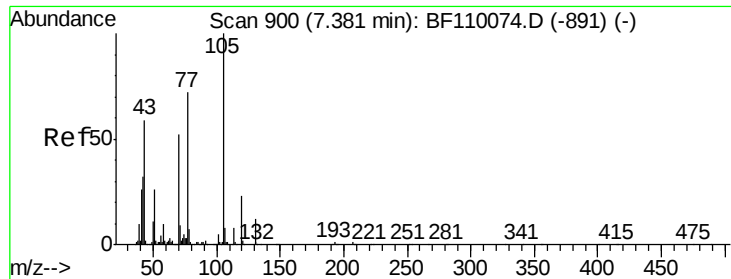
65 28.4 25.3 65.3

66 44.8 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

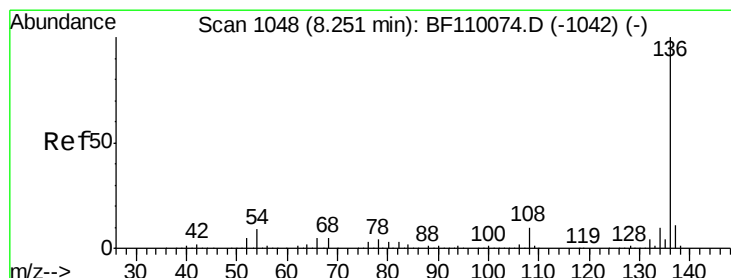
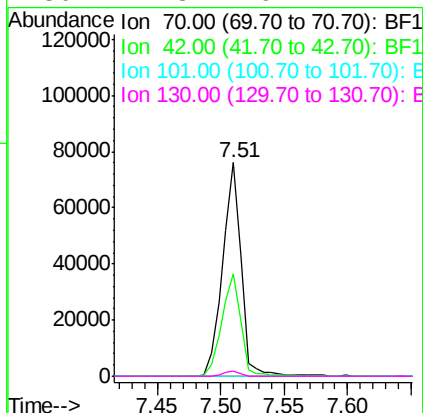
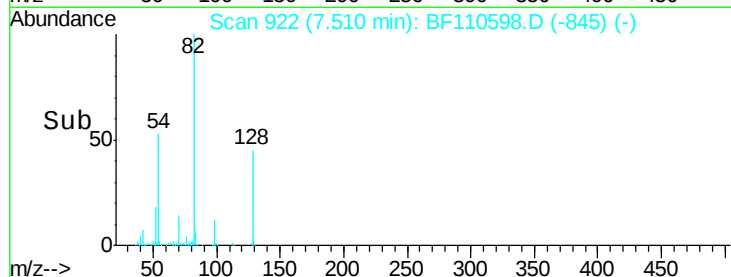
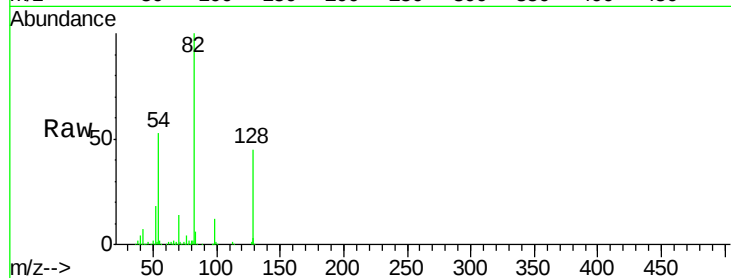




#19
n-Nitroso-di-n-propylamine
Concen: 19.91 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

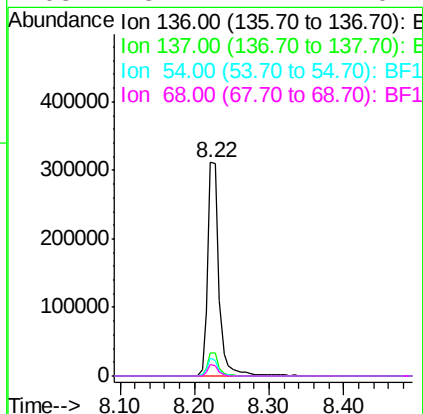
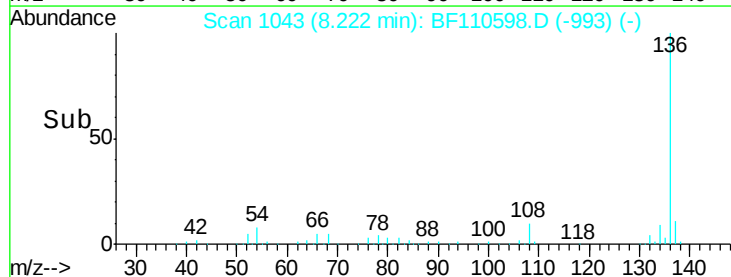
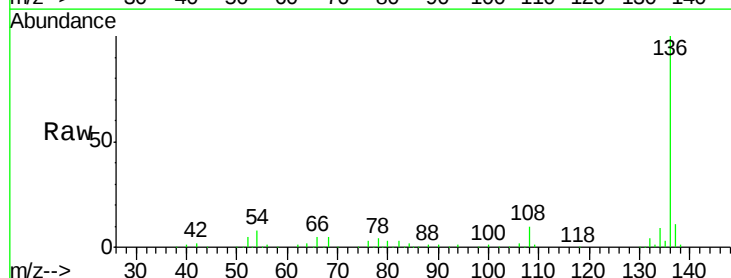
Instrument :
BNA_F
ClientSampleId :

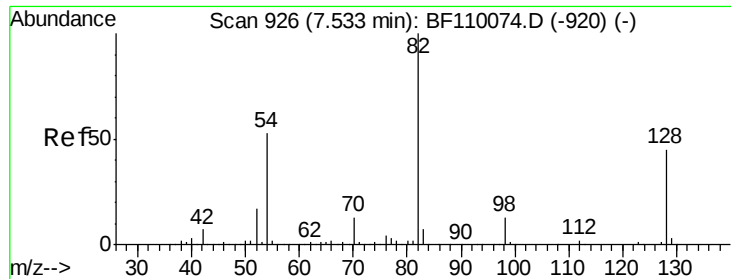
Tot Ion: 70 Resp: 77630
Ion Ratio Lower Upper
70 100
42 48.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

Tgt Ion: 136 Resp: 329531
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 5.4 8.2
68 5.4 4.2 6.2

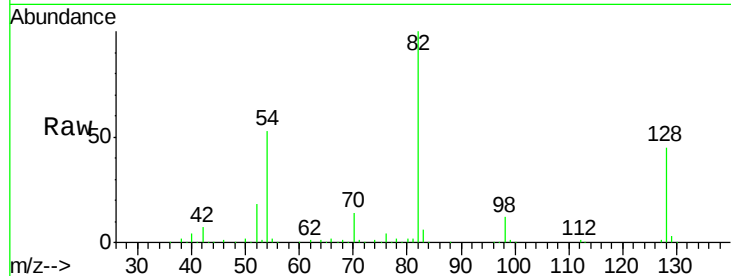




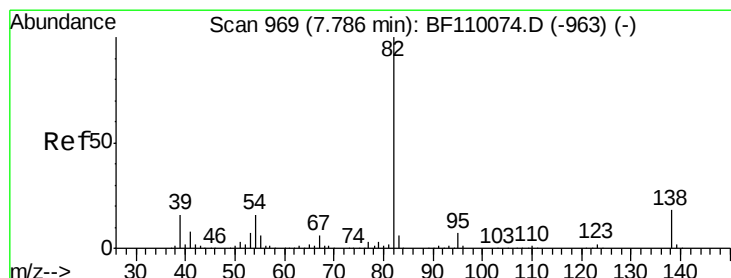
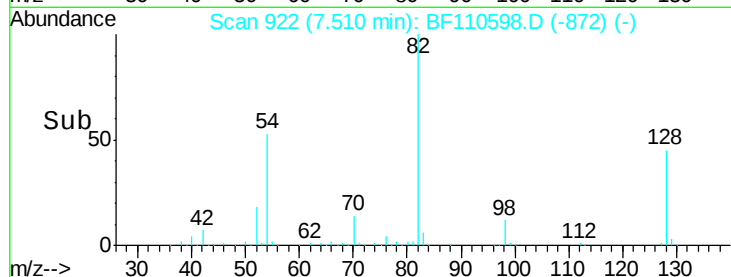
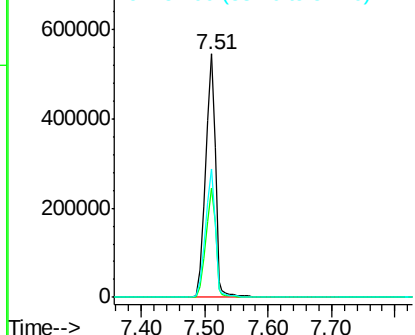
#23
Nitrobenzene-d5
Concen: 102.75 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 587961
Ion Ratio Lower Upper
82 100
128 45.1 34.2 51.2
54 52.9 38.6 58.0

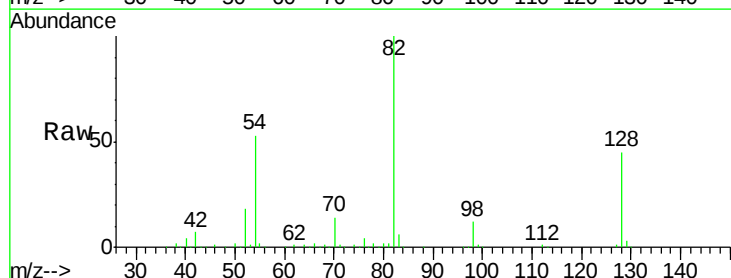


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

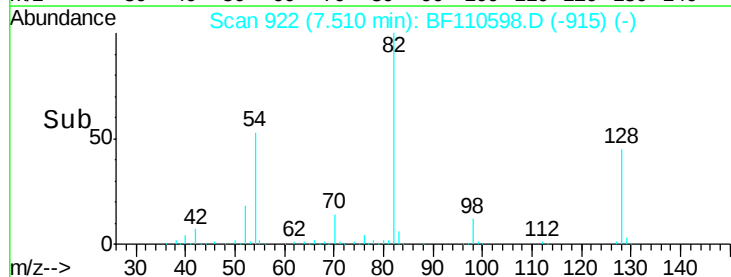
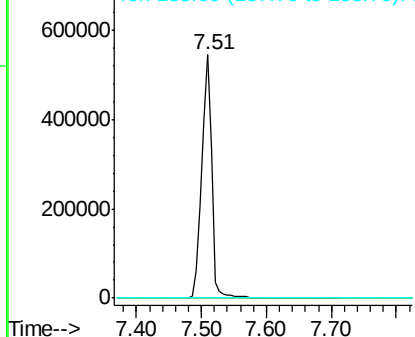


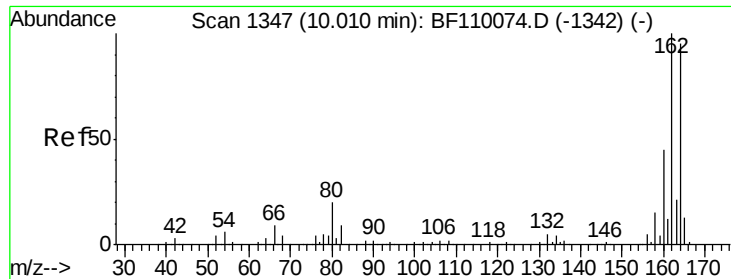
#25
Isophorone
Concen: 62.69 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

Tgt Ion: 82 Resp: 587958
Ion Ratio Lower Upper
82 100
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: 20.00 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110598.D

Acq: 8 Nov 2018 21:20

Instrument :

BNA_F

ClientSampleId :

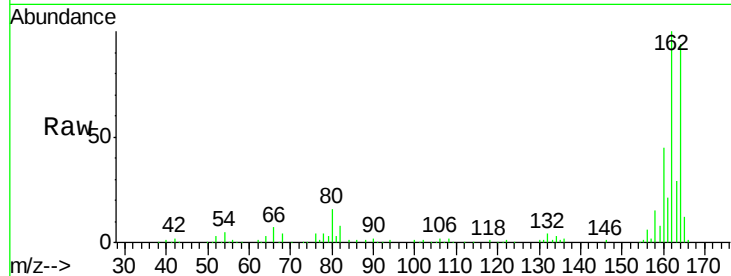
Tot Ion:164 Resp: 158553

Ion Ratio Lower Upper

164 100

162 106.2 83.0 124.6

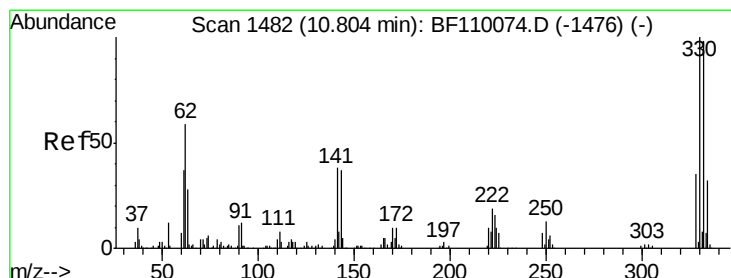
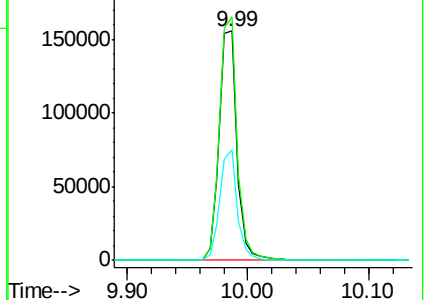
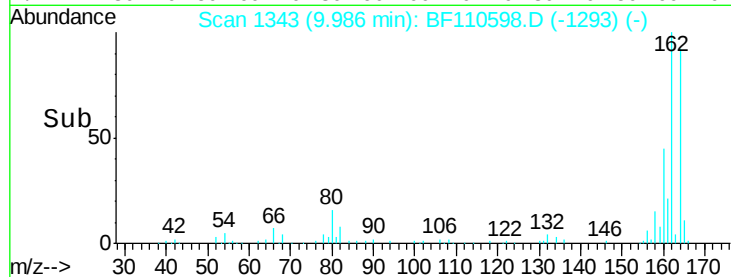
160 48.2 37.0 55.6



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: 91.36 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110598.D

Acq: 8 Nov 2018 21:20

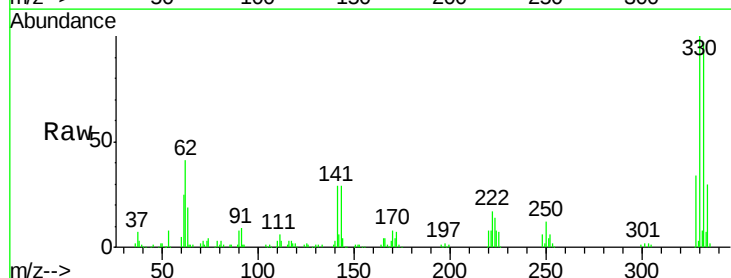
Tgt Ion:330 Resp: 145954

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

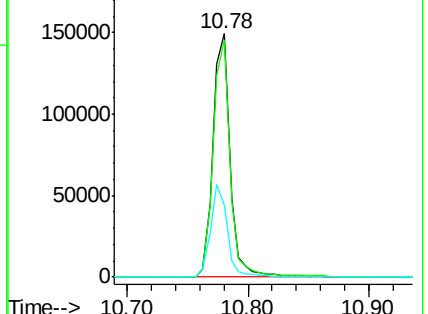
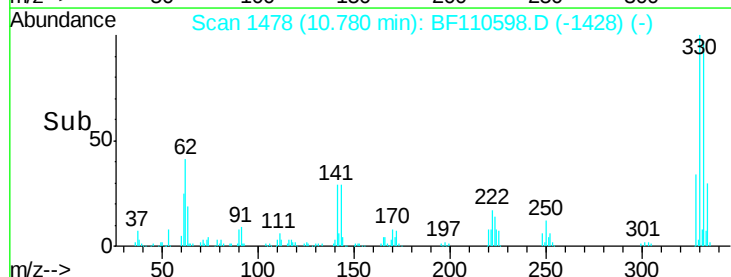
141 37.3 27.0 40.4

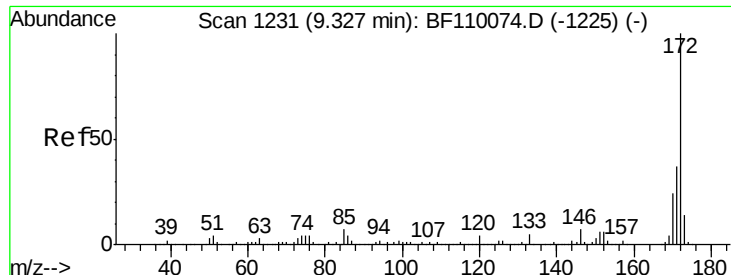


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

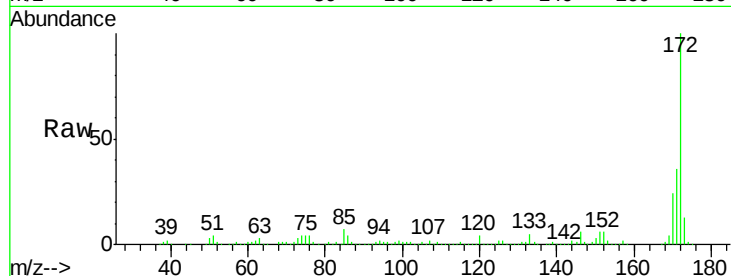




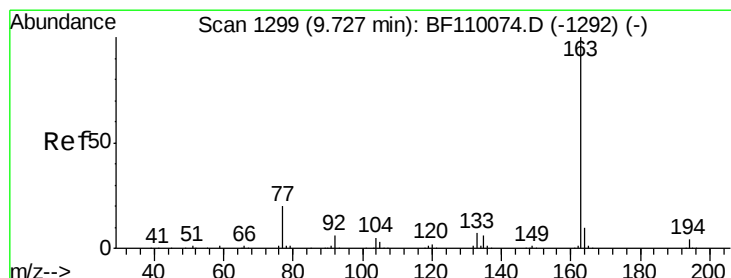
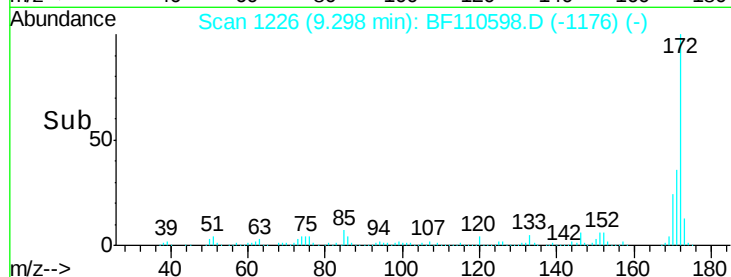
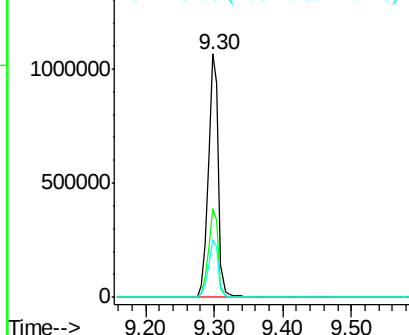
#45
2-Fluorobiphenyl
Concen: 99.54 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1105022
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.9 19.7 29.5

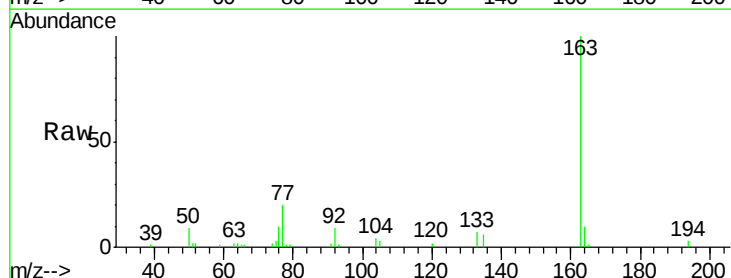


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

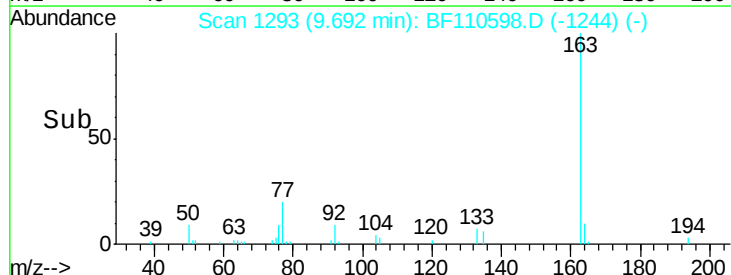
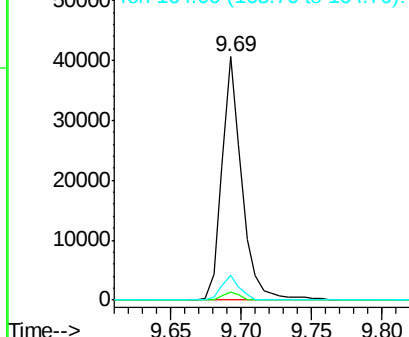


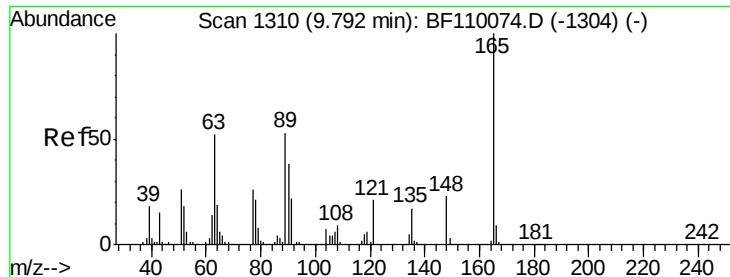
#50
Dimethylphthalate
Concen: 3.38 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

Tgt Ion:163 Resp: 40003
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.1 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: 7.41 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.21 min

Lab File: BF110598.D

Acq: 8 Nov 2018 21:20

Instrument :

BNA_F

ClientSampled :

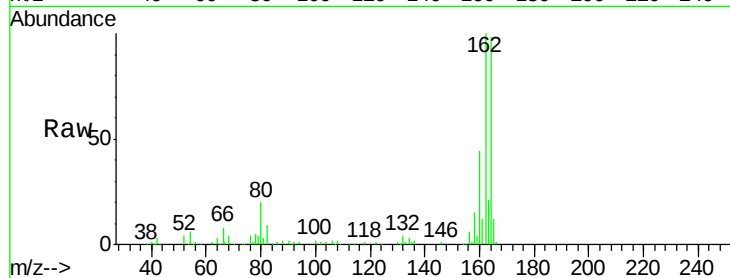
Tot Ion:165 Resp: 19282

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

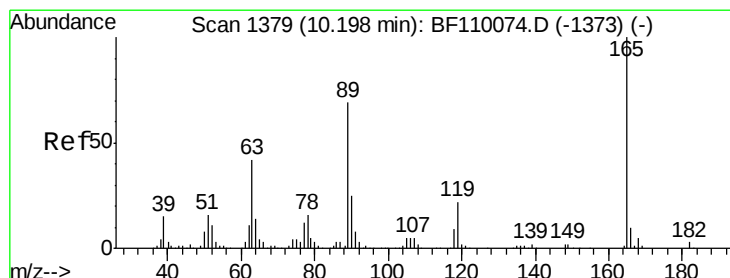
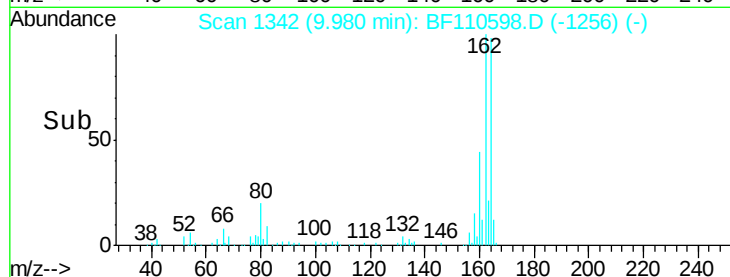
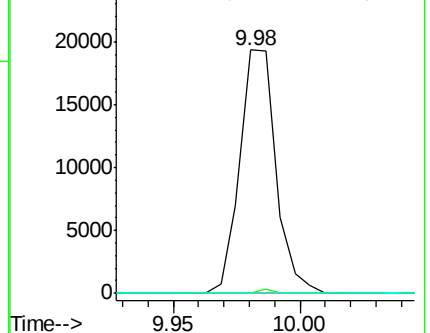
89 0.0 46.6 69.8#



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: 5.70 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.21 min

Lab File: BF110598.D

Acq: 8 Nov 2018 21:20

Tgt Ion:165 Resp: 19282

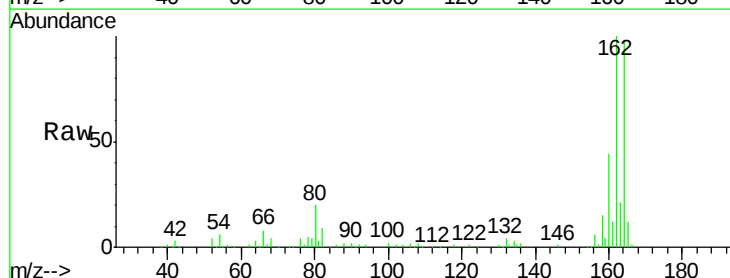
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

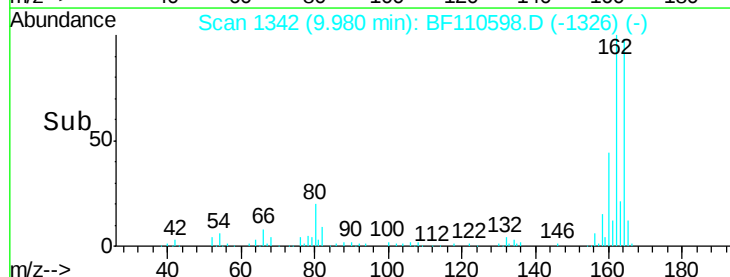
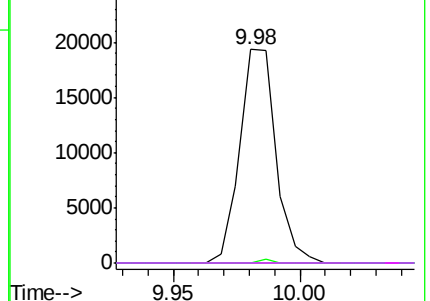


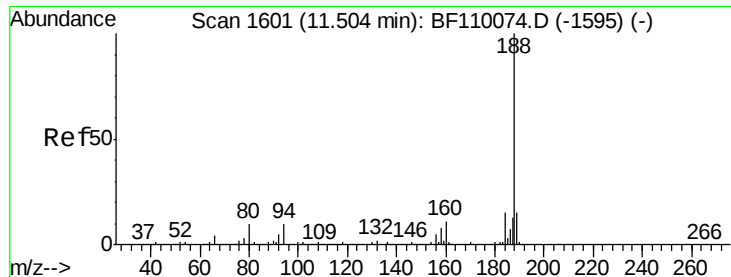
Abundance Ion 165.00 (164.70 to 165.70): E

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

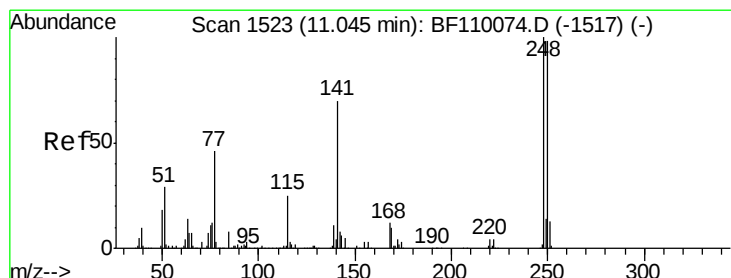
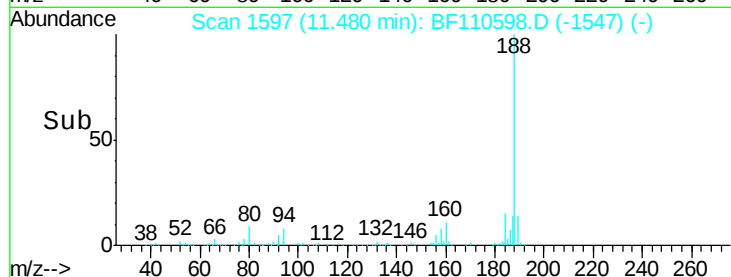
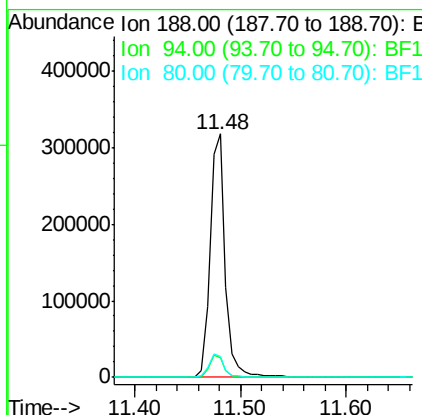
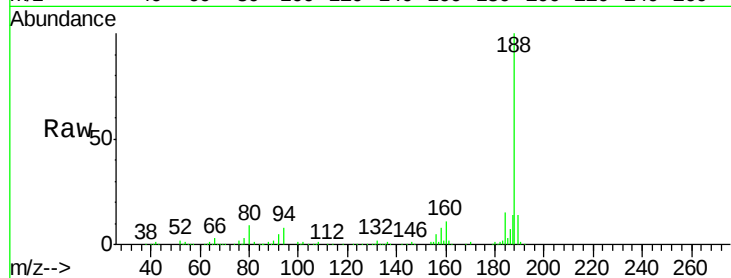




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

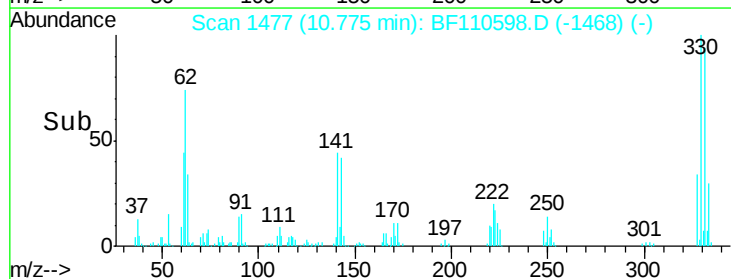
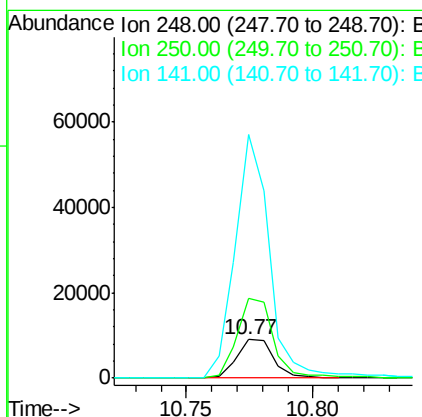
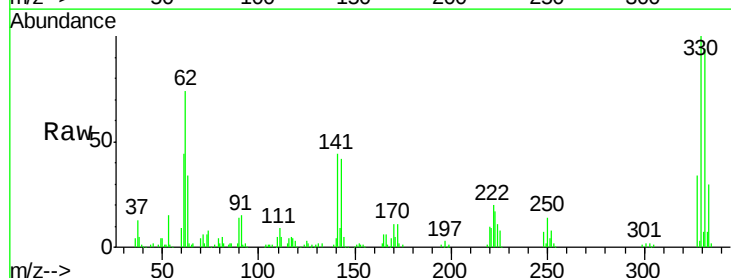
Instrument :
BNA_F
ClientSampleId :

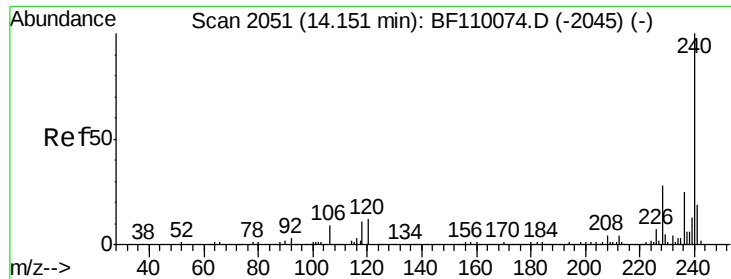
Tot Ion:188 Resp: 317743
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.61 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

Tgt Ion:248 Resp: 9161
Ion Ratio Lower Upper
248 100
250 205.6 79.4 119.2#
141 629.7 55.9 83.9#

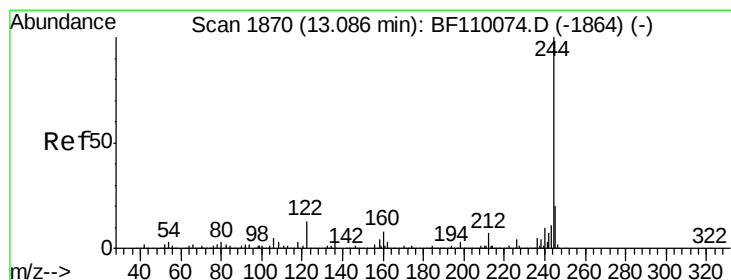
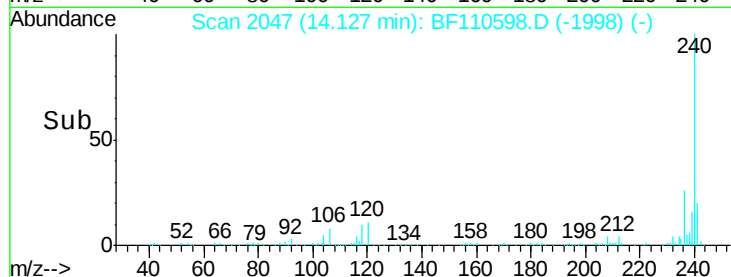
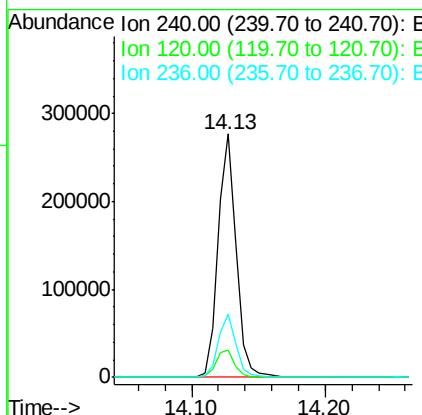
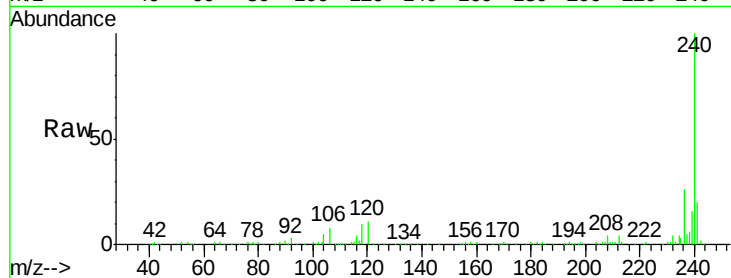




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

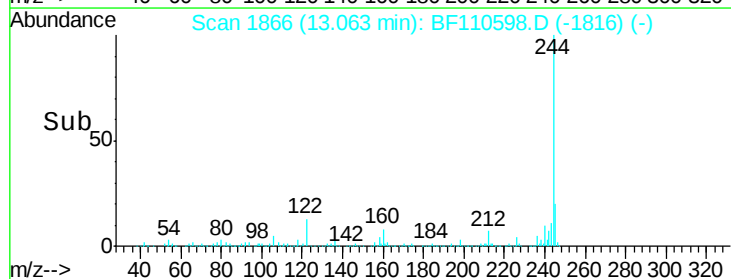
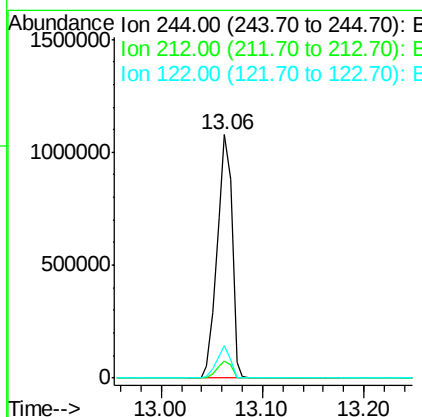
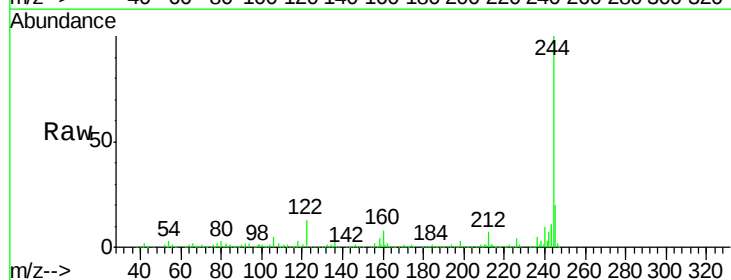
Instrument :
BNA_F
ClientSampleId :

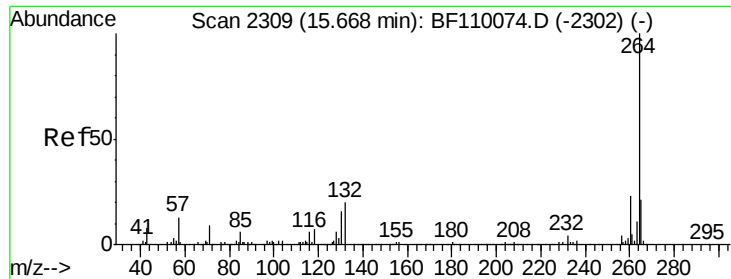
Tot Ion:240 Resp: 265974
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 25.9 21.2 31.8



#79
Terphenyl-d14
Concen: 77.23 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110598.D
Acq: 8 Nov 2018 21:20

Tgt Ion:244 Resp: 1096823
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 13.1 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: BF110598.D
Acq: 8 Nov 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.9	16.7	25.1

