

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110724.D
 Acq On : 13 Nov 2018 17:36
 Operator : JU/SJ
 Sample : J5908-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 18:30:27 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

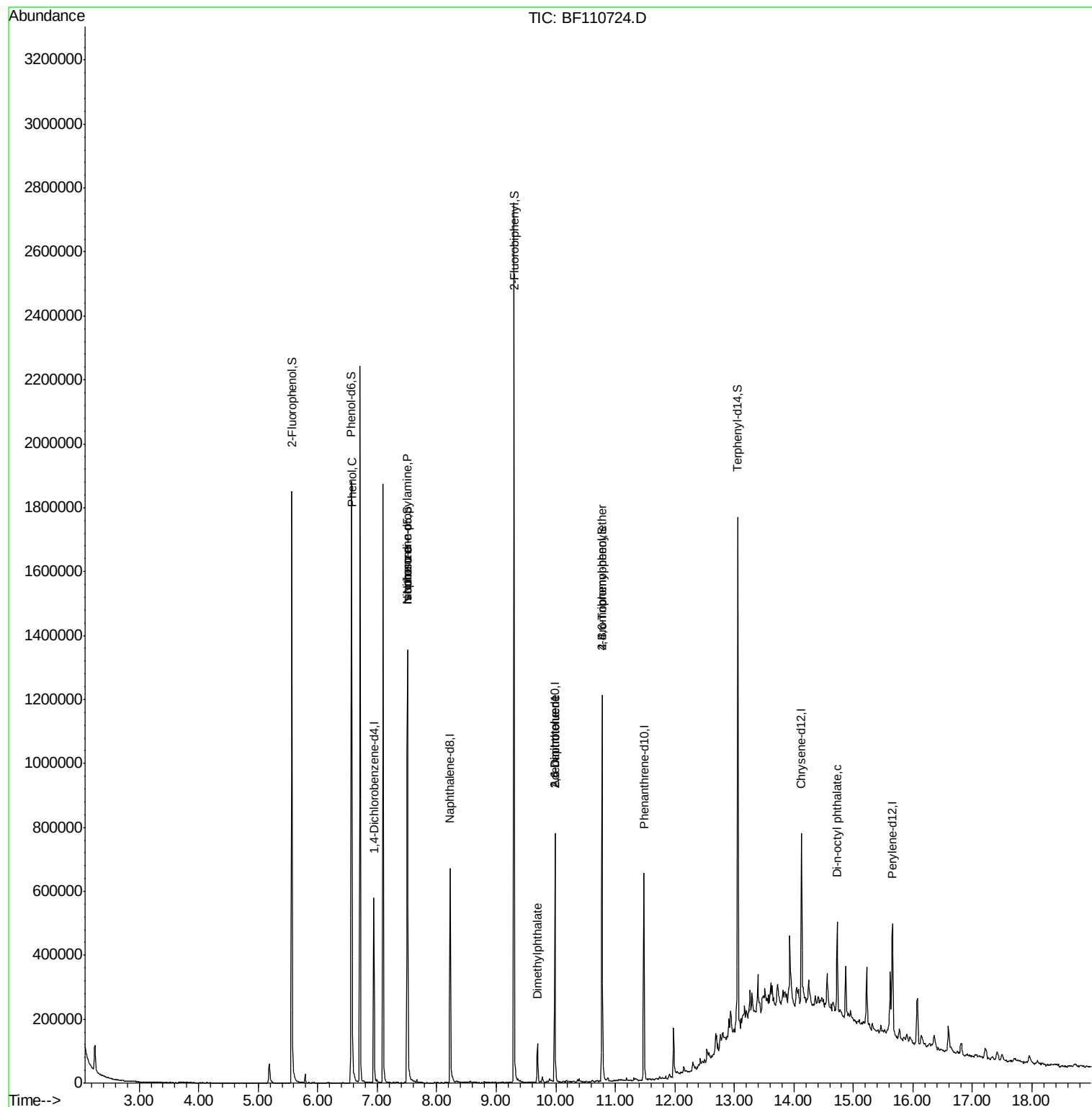
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	92087	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	370977	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	163845	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	255547	20.00	ng	0.00
76) Chrysene-d12	14.13	240	180131	20.00	ng	-0.01
87) Perylene-d12	15.66	264	170417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	572693	101.02	ng	0.00
7) Phenol-d6	6.57	99	725749	100.11	ng	0.00
23) Nitrobenzene-d5	7.51	82	452788	70.29	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	146328	88.63	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	823021	71.74	ng	0.00
79) Terphenyl-d14	13.06	244	535746	55.70	ng	0.00
Target Compounds						
10) Phenol	6.58	94	35931	4.274	ng	# 71
19) n-Nitroso-di-n-propylamine	7.51	70	61598	13.311	ng	# 79
25) Isophorone	7.51	82	452782	42.885	ng	# 67
50) Dimethylphthalate	9.69	163	53938	4.412	ng	# 99
51) 2,6-Dinitrotoluene	9.99	165	20546	7.640	ng	# 23
57) 2,4-Dinitrotoluene	9.99	165	20546	5.876	ng	# 19
67) 4-Bromophenyl-phenylether	10.77	248	8776	3.107	ng	# 1
85) Di-n-octyl phthalate	14.73	149	24525	2.252	ng	# 28

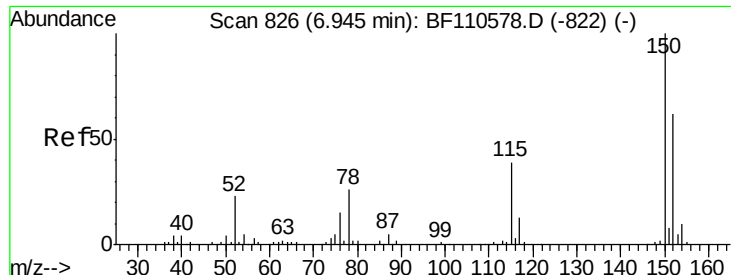
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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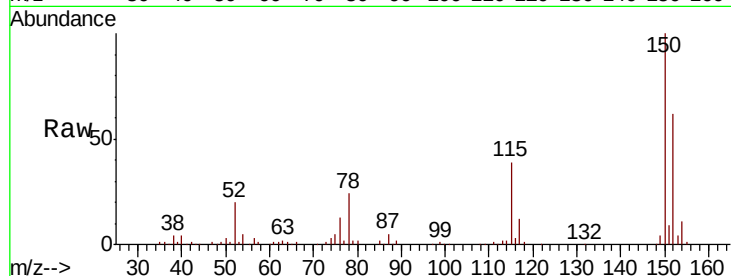


#1

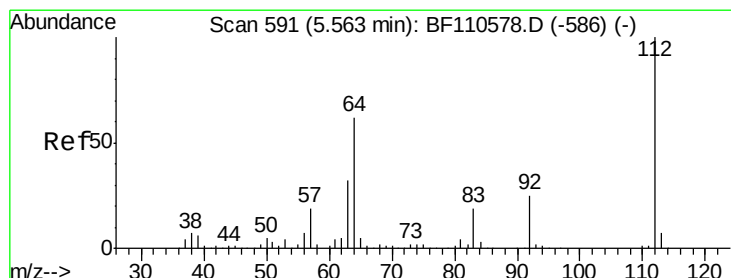
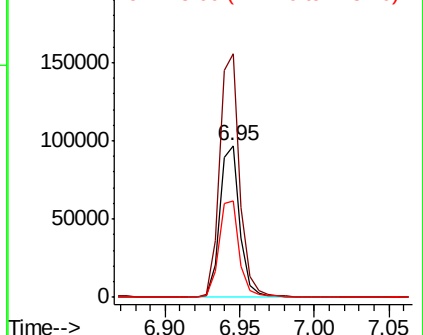
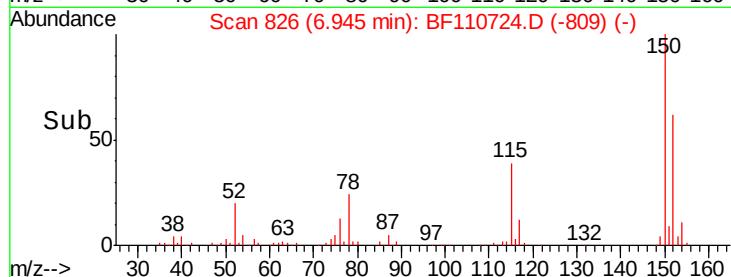
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110724.D
Acq: 13 Nov 2018 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92087
Ion Ratio Lower Upper
152 100
150 160.1 122.7 184.1
115 63.2 49.1 73.7



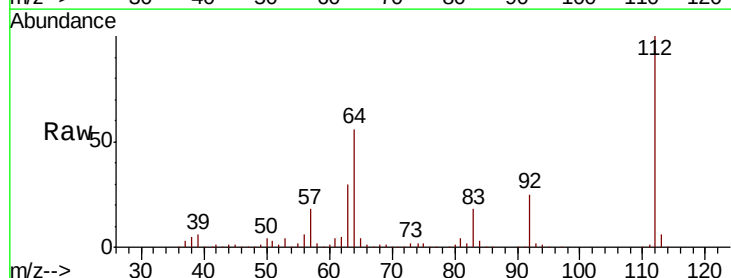
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



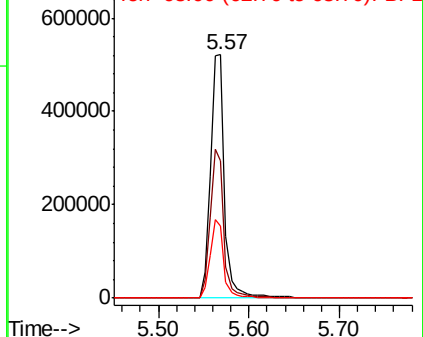
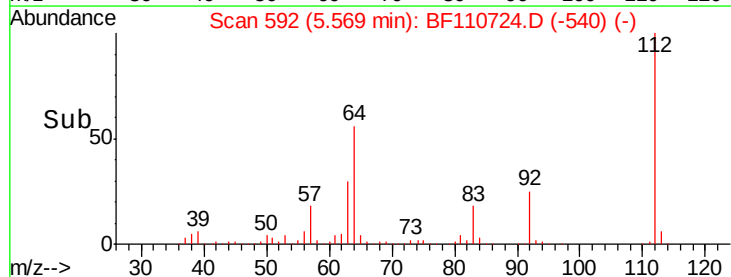
#5

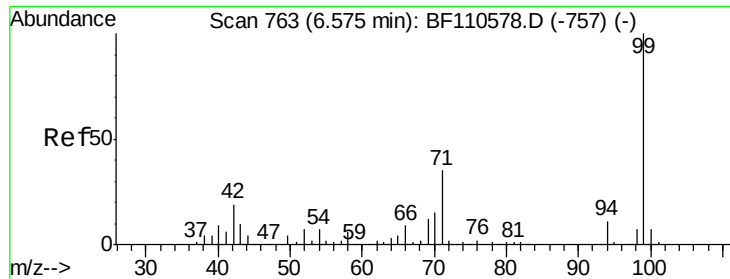
2-Fluorophenol
Concen: 101.017 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110724.D
Acq: 13 Nov 2018 17:36

Tgt Ion:112 Resp: 572693
Ion Ratio Lower Upper
112 100
64 56.3 44.1 66.1
63 29.7 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: 100.108 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110724.D

Acq: 13 Nov 2018 17:36

Instrument :

BNA_F

ClientSampled :

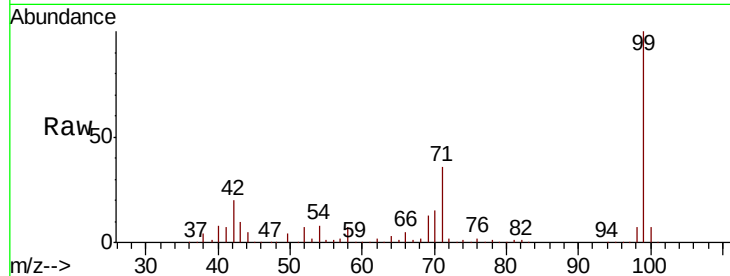
Tot Ion: 99 Resp: 725749

Ion Ratio Lower Upper

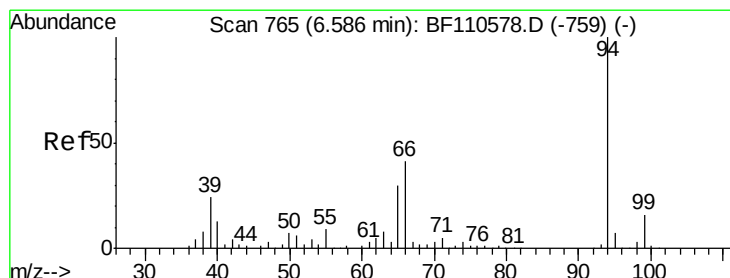
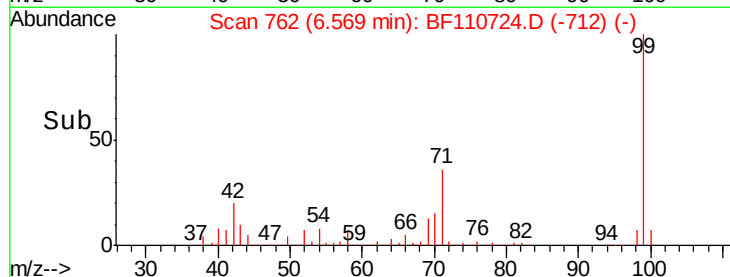
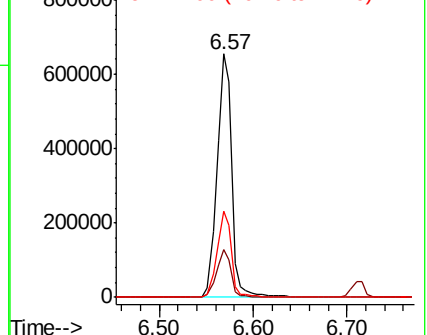
99 100

42 19.8 15.8 23.6

71 35.6 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: 4.274 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110724.D

Acq: 13 Nov 2018 17:36

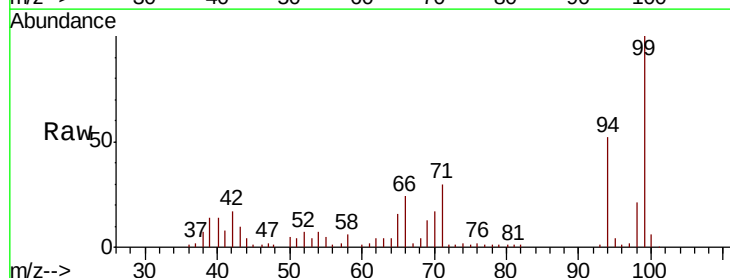
Tgt Ion: 94 Resp: 35931

Ion Ratio Lower Upper

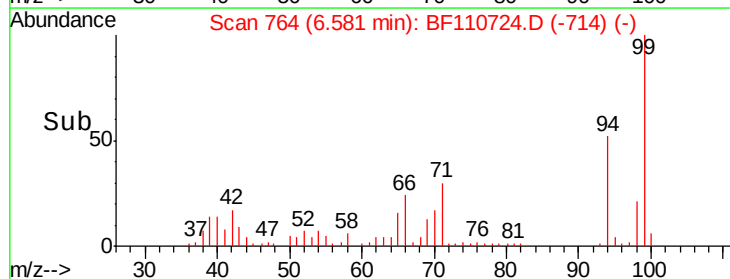
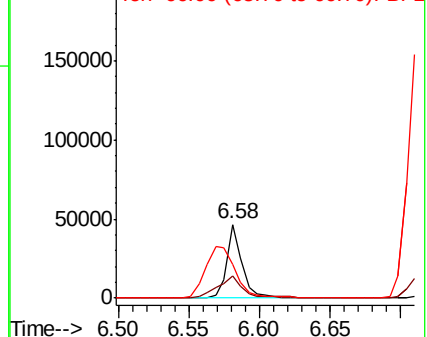
94 100

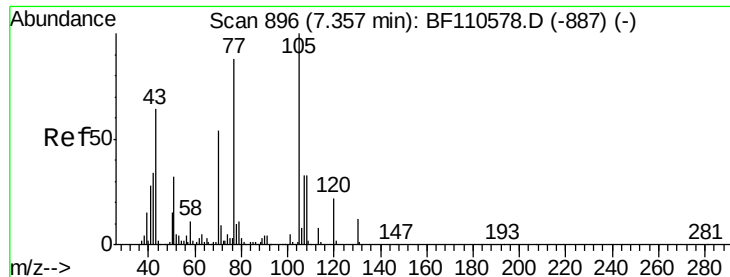
65 30.6 25.3 65.3

66 46.7 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

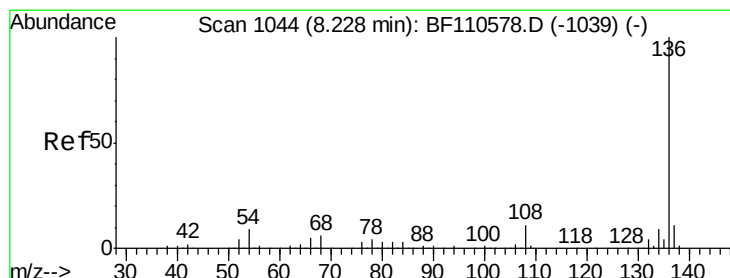
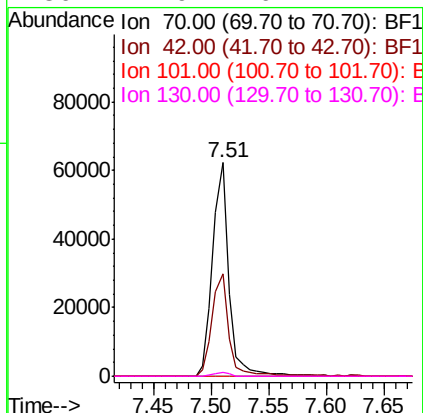
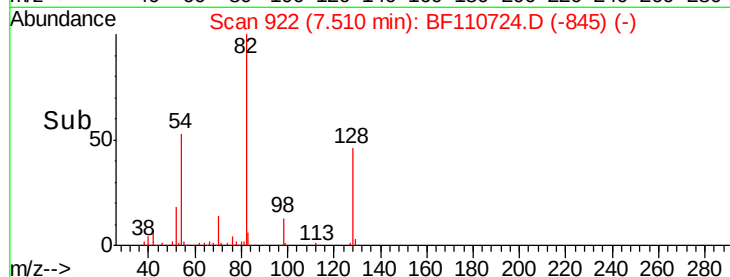
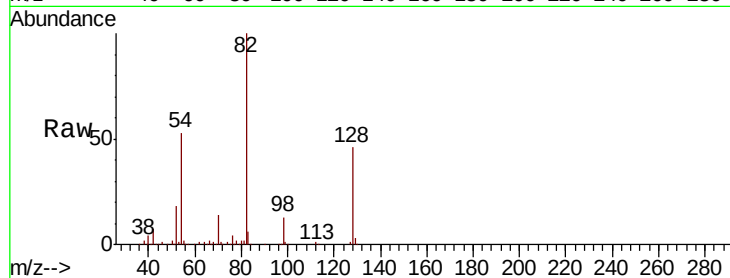




#19
n-Nitroso-di-n-propylamine
Concen: 13.311 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110724.D
Acq: 13 Nov 2018 17:36

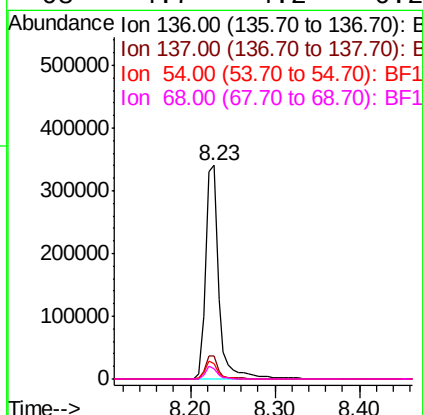
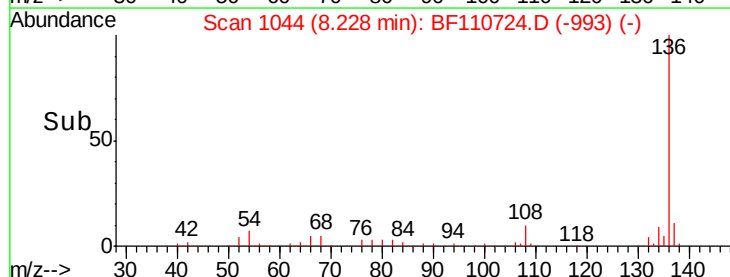
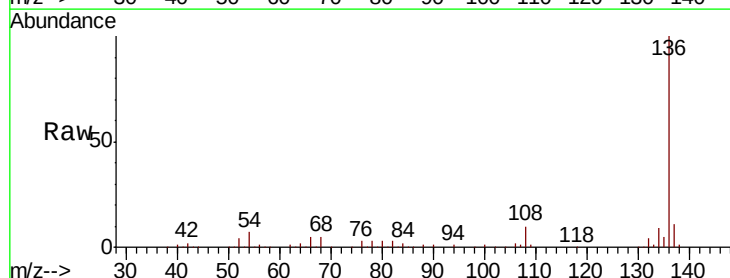
Instrument :
BNA_F
ClientSampled :

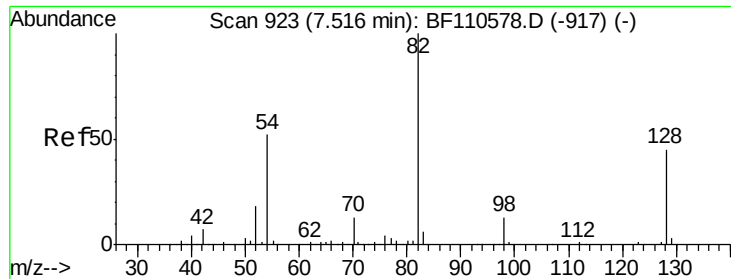
Tot Ion: 70 Resp: 61598
Ion Ratio Lower Upper
70 100
42 48.2 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110724.D
Acq: 13 Nov 2018 17:36

Tgt Ion: 136 Resp: 370977
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 5.4 8.2
68 4.7 4.2 6.2

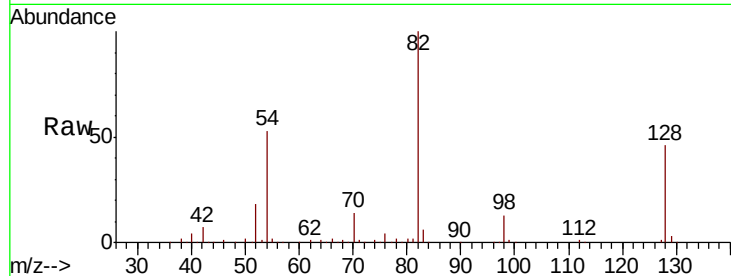




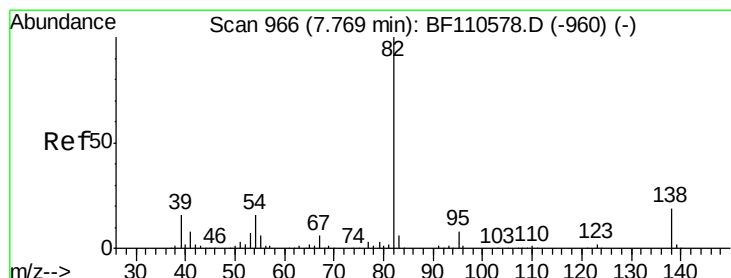
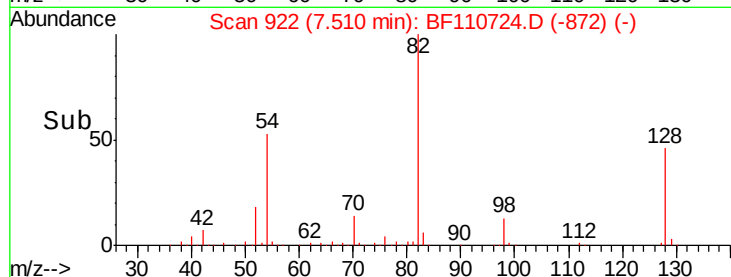
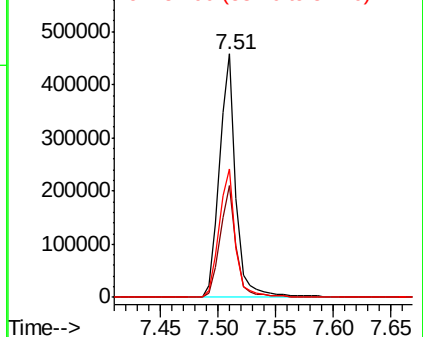
#23
Nitrobenzene-d5
Concen: 70.290 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110724.D
Acq: 13 Nov 2018 17:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	452788
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.2	51.2
54	53.0	38.6	58.0

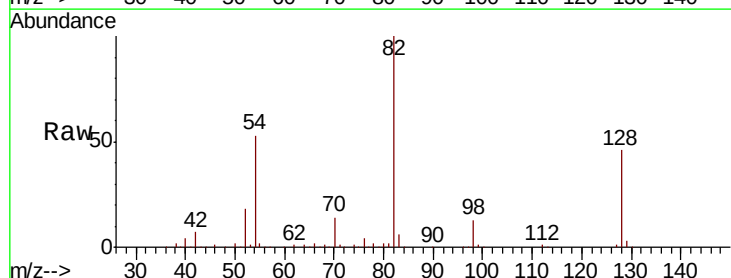


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

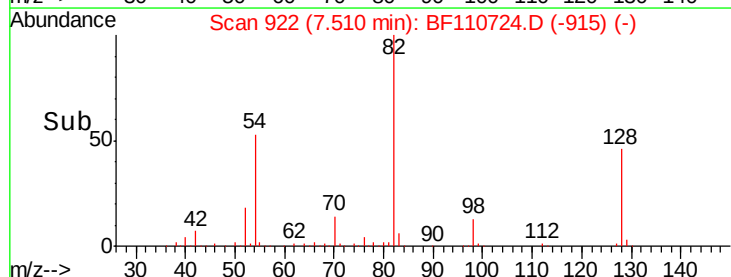
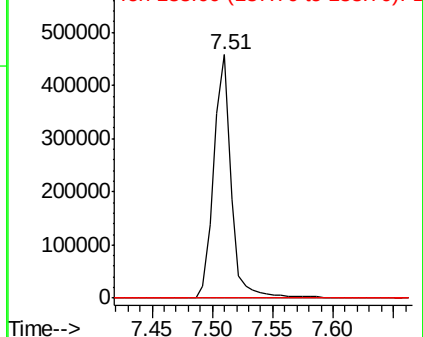


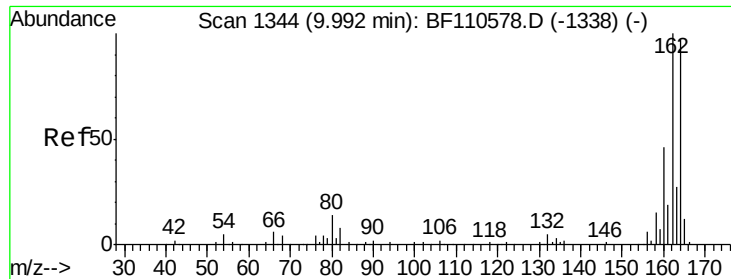
#25
Isophorone
Concen: 42.885 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110724.D
Acq: 13 Nov 2018 17:36

Tgt Ion	82	Resp	452782
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: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110724.D

Acq: 13 Nov 2018 17:36

Instrument :

BNA_F

ClientSampled :

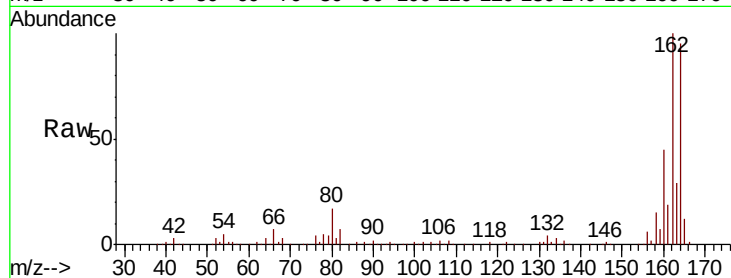
Tot Ion:164 Resp: 163845

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.6

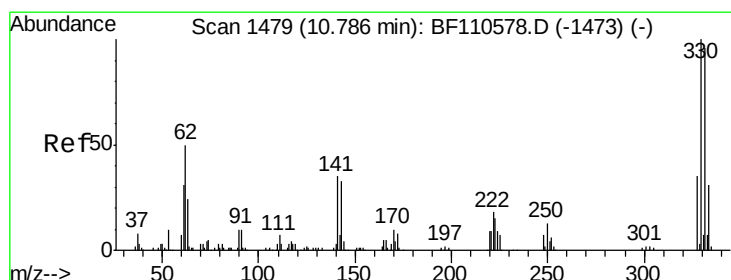
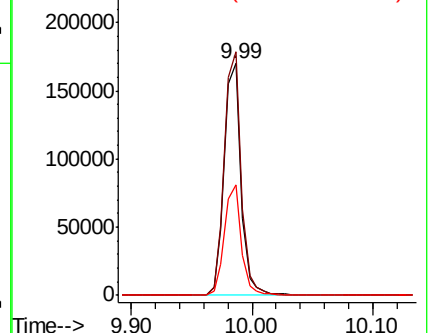
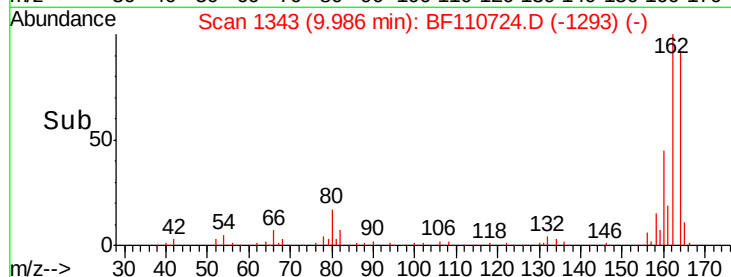
160 47.7 37.0 55.6



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: 88.633 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110724.D

Acq: 13 Nov 2018 17:36

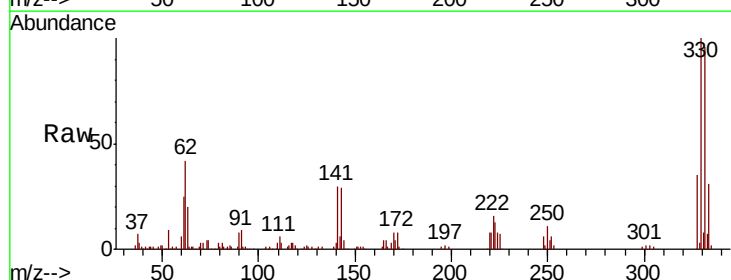
Tgt Ion:330 Resp: 146328

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

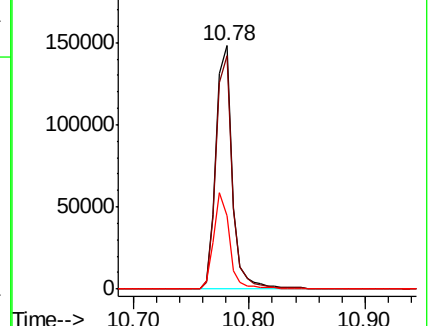
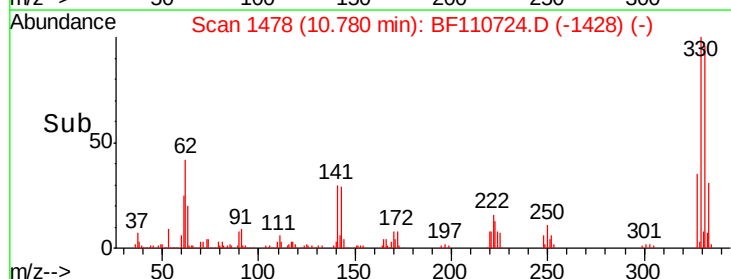
141 38.3 27.0 40.4

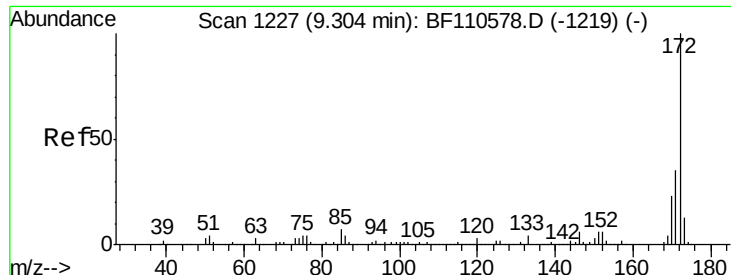


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

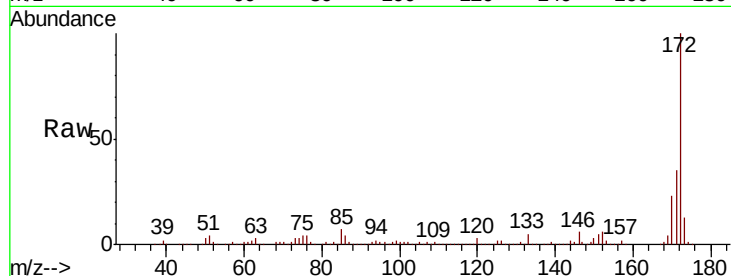




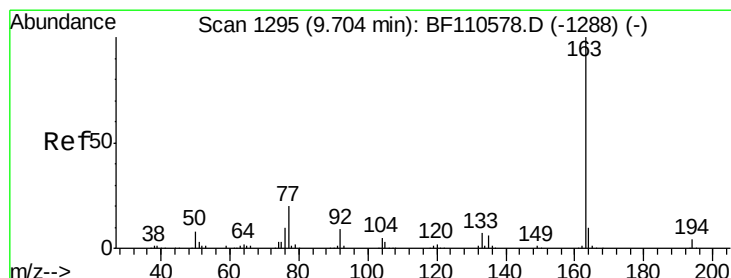
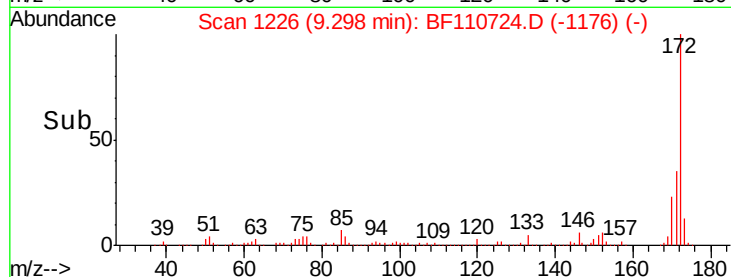
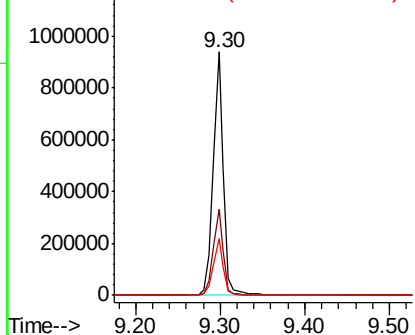
#45
2-Fluorobiphenyl
Concen: 71.740 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110724.D
Acq: 13 Nov 2018 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 823021
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.4 19.7 29.5

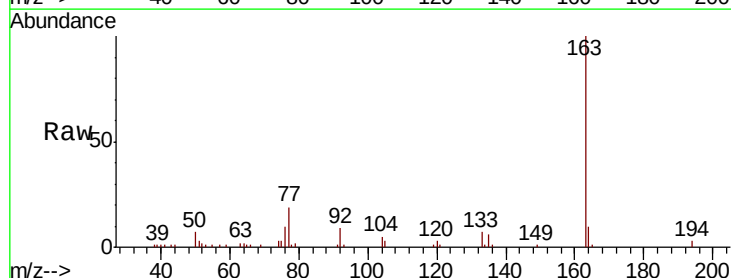


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

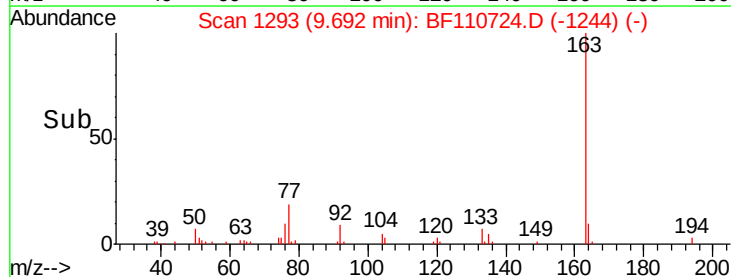
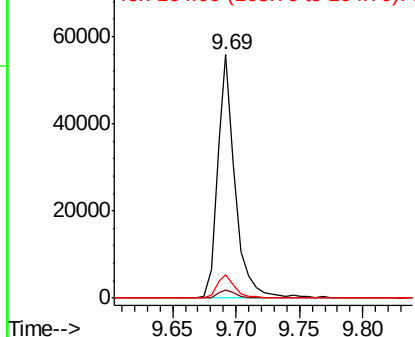


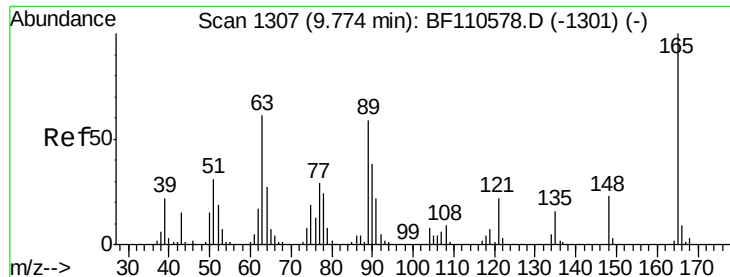
#50
Dimethylphthalate
Concen: 4.412 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110724.D
Acq: 13 Nov 2018 17:36

Tgt Ion:163 Resp: 53938
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 9.7 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

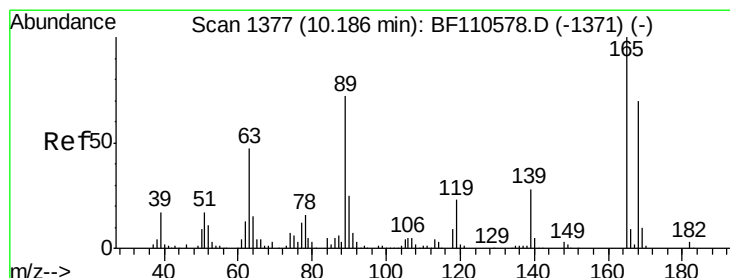
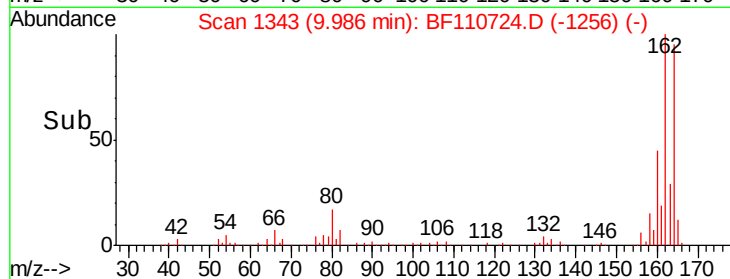
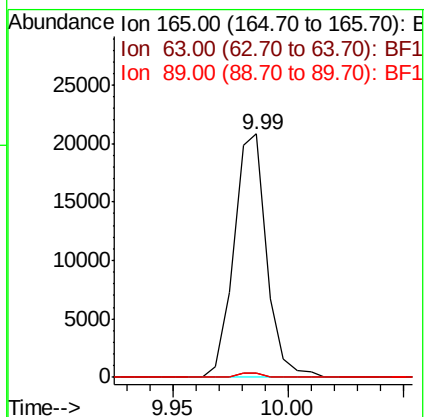
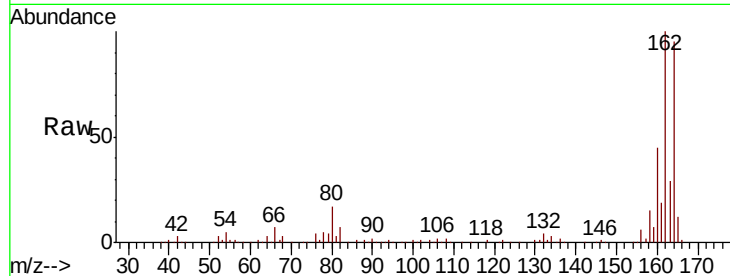




#51
 2,6-Dinitrotoluene
 Concen: 7.640 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110724.D
 Acq: 13 Nov 2018 17:36

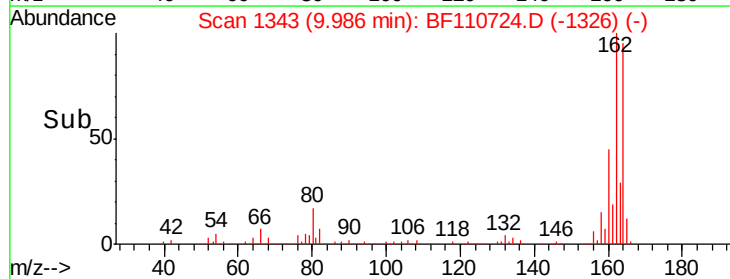
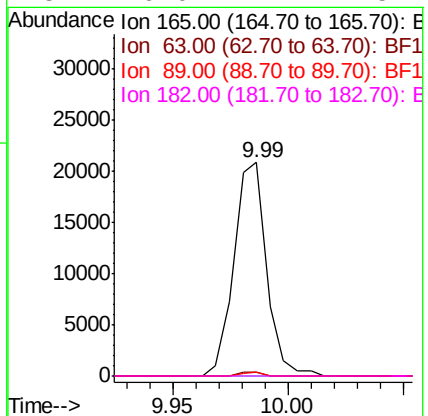
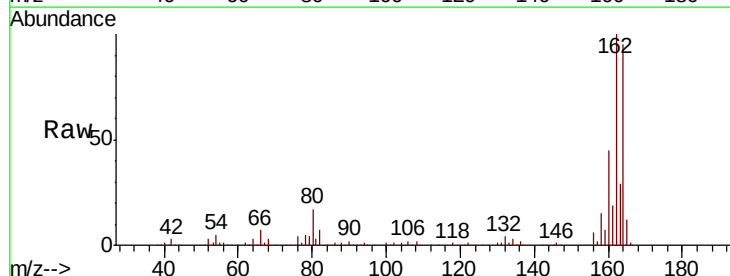
Instrument :
 BNA_F
 ClientSampled :

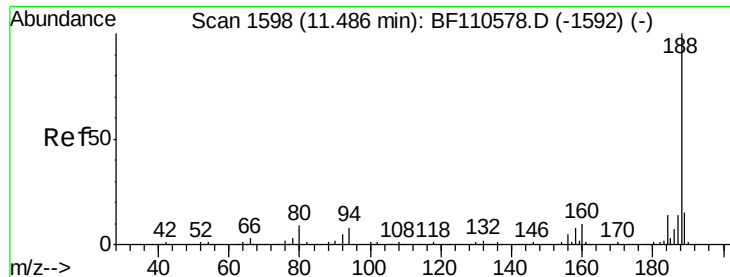
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	1.5	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.876 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110724.D
 Acq: 13 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#

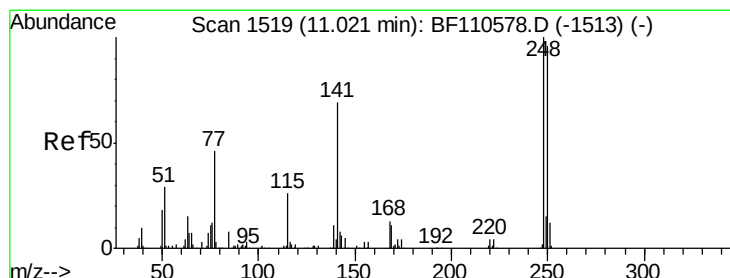
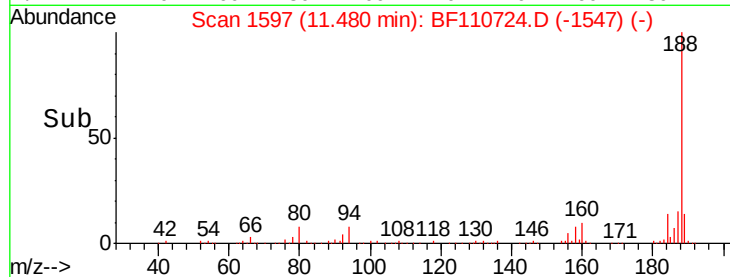
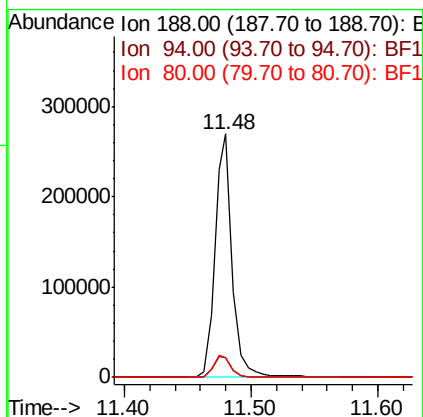
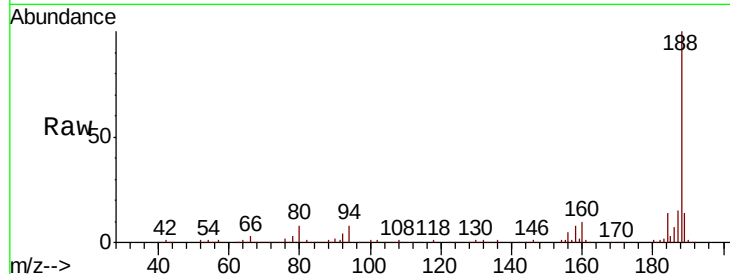




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110724.D
 Acq: 13 Nov 2018 17:36

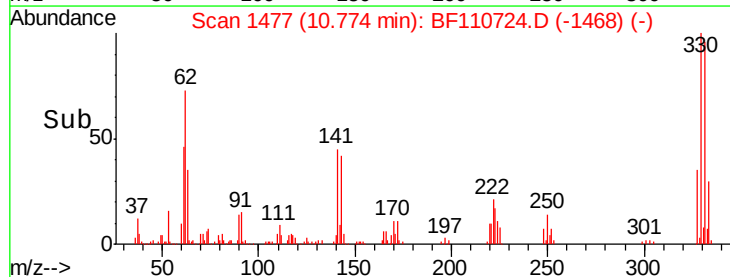
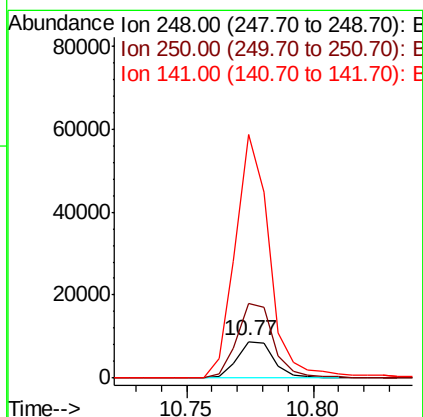
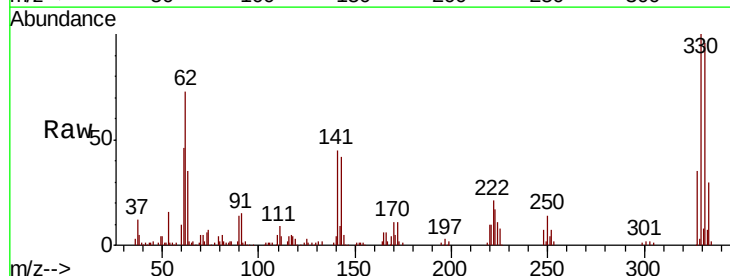
Instrument :
 BNA_F
 ClientSampleId :

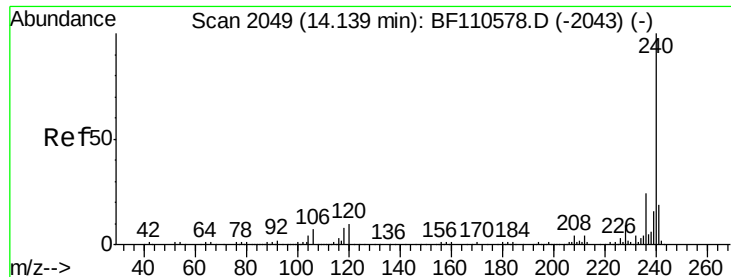
Tot Ion:188 Resp: 255547
 Ion Ratio Lower Upper
 188 100
 94 8.0 7.2 10.8
 80 8.2 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.107 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110724.D
 Acq: 13 Nov 2018 17:36

Tgt Ion:248 Resp: 8776
 Ion Ratio Lower Upper
 248 100
 250 205.2 79.4 119.2#
 141 672.0 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110724.D

Acq: 13 Nov 2018 17:36

Instrument :

BNA_F

ClientSampleId :

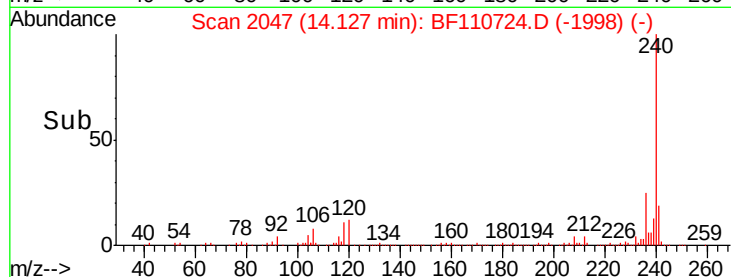
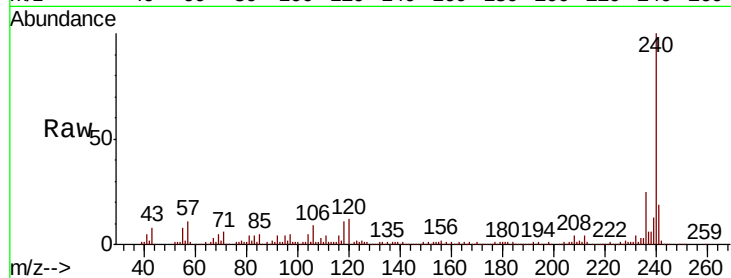
Tot Ion:240 Resp: 180131

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

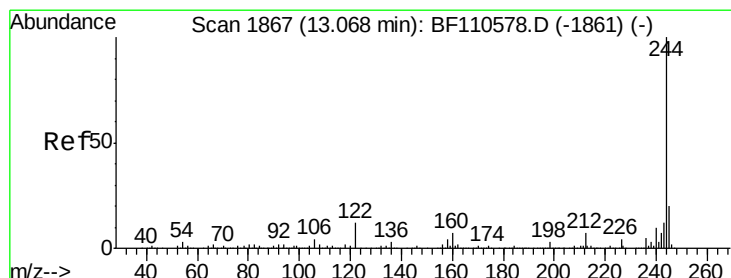
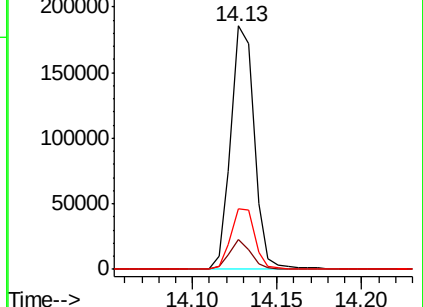
236 24.8 21.2 31.8



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: 55.700 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110724.D

Acq: 13 Nov 2018 17:36

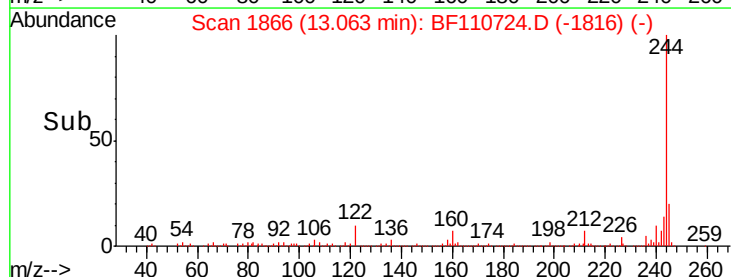
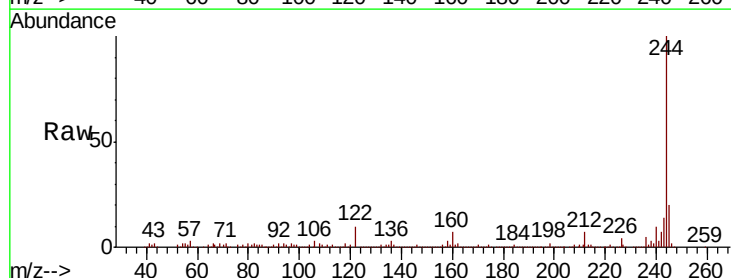
Tgt Ion:244 Resp: 535746

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

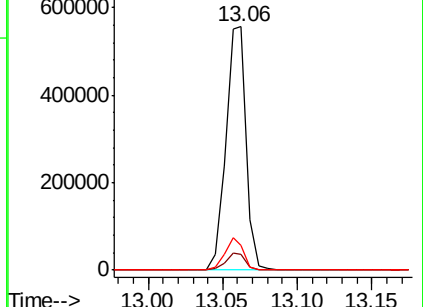
122 10.1 8.7 13.1

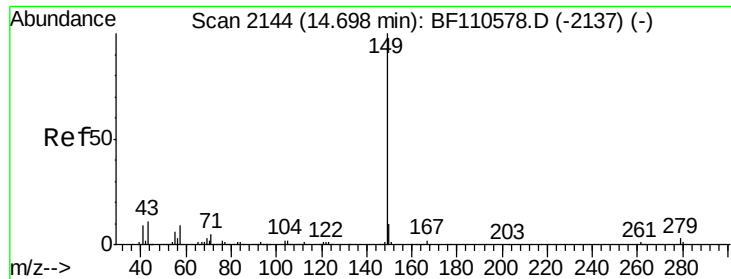


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#85

Di-n-octyl phthalate

Concen: 2.252 ng

RT: 14.73 min Scan# 2149

Delta R.T. 0.03 min

Lab File: BF110724.D

Acq: 13 Nov 2018 17:36

Instrument :

BNA_F

ClientSampleId :

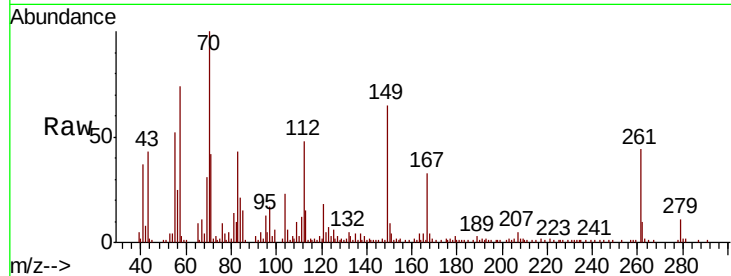
Tot Ion:149 Resp: 24525

Ion Ratio Lower Upper

149 100

167 52.1 1.1 1.7#

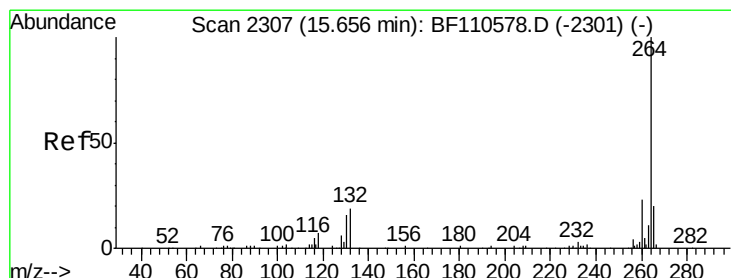
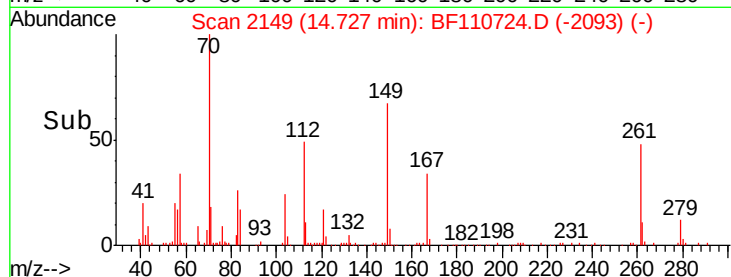
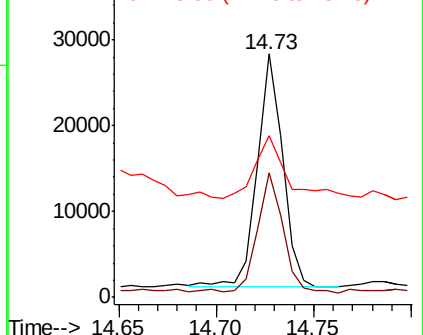
43 33.2 7.8 11.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110724.D

Acq: 13 Nov 2018 17:36

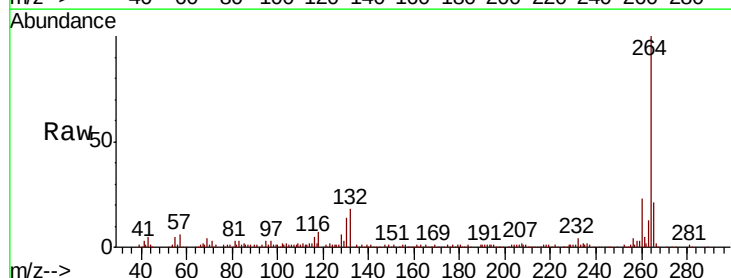
Tgt Ion:264 Resp: 170417

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.1 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

