

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110220.D
 Acq On : 26 Oct 2018 20:04
 Operator : JU/SJ
 Sample : J5515-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 23:41:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

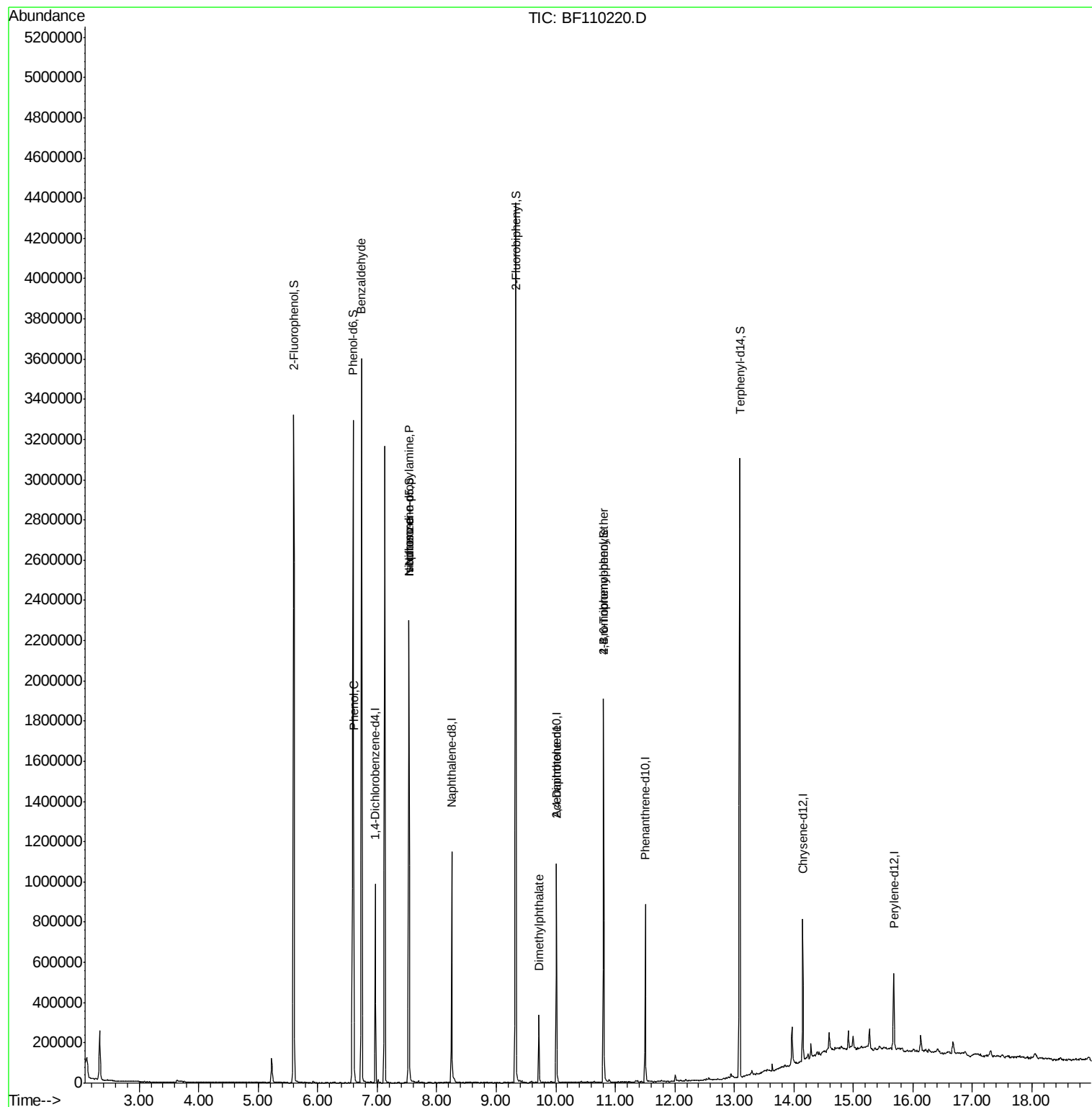
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	133063	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	521716	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	202763	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	314628	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	233289	20.00	ng	-0.01
87) Perylene-d12	15.68	264	154372	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1038748	127.12	ng	0.00
7) Phenol-d6	6.60	99	1320616	126.36	ng	0.00
23) Nitrobenzene-d5	7.53	82	795597	90.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	223589	111.32	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1355669	104.99	ng	-0.01
79) Terphenyl-d14	13.09	244	1064168	94.87	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.74	77	24651	2.538	ng	Qvalue 82
10) Phenol	6.61	94	67615	6.052	ng	# 61
19) n-Nitroso-di-n-propylamine	7.53	70	105210	15.691	ng	# 80
25) Isophorone	7.53	82	795593	53.062	ng	# 67
50) Dimethylphthalate	9.72	163	135986	9.085	ng	100
57) 2,4-Dinitrotoluene	10.01	165	25664	6.267	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	13977	4.095	ng	# 1

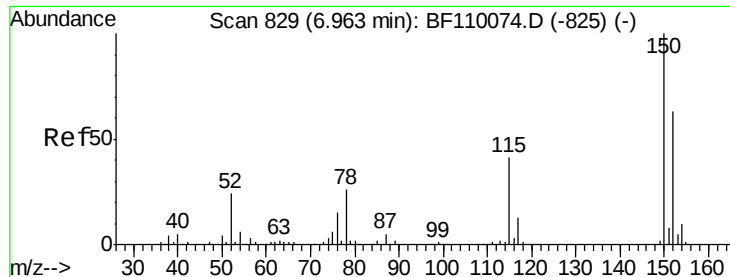
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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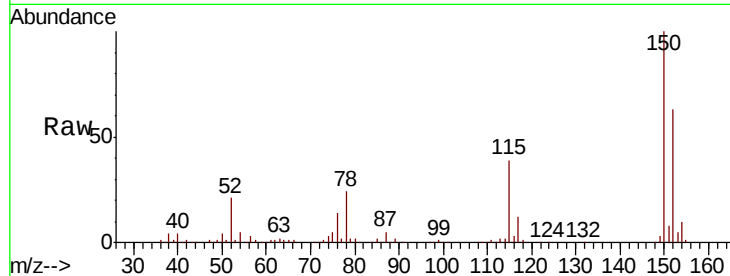




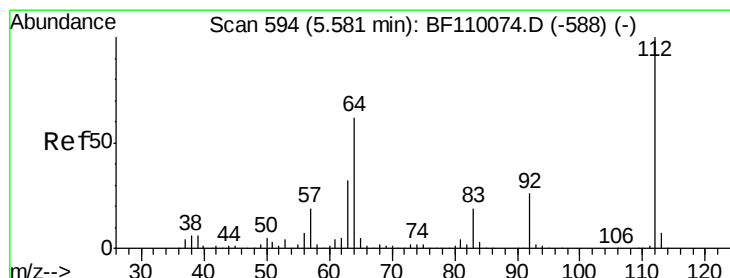
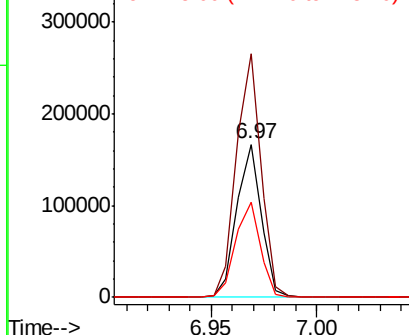
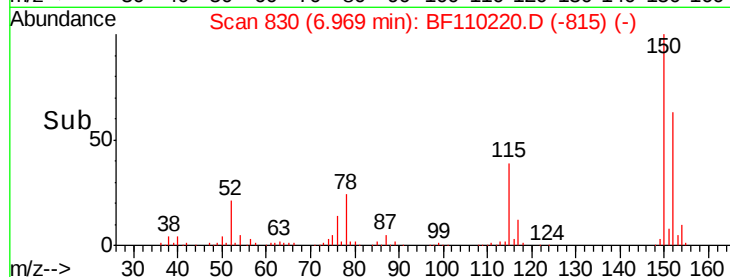
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110220.D
 Acq: 26 Oct 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 133063
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.7 184.1
 115 62.4 49.1 73.7

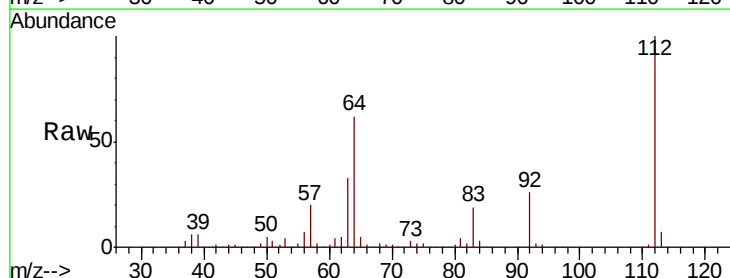


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

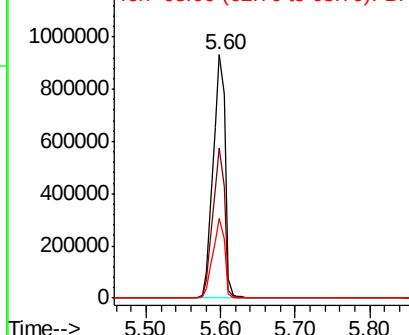
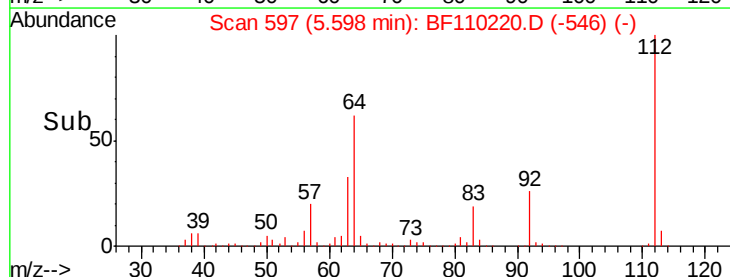


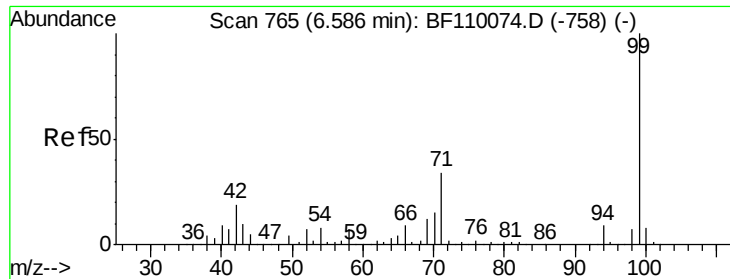
#5
 2-Fluorophenol
 Concen: 127.124 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF110220.D
 Acq: 26 Oct 2018 20:04

Tgt Ion:112 Resp: 1038748
 Ion Ratio Lower Upper
 112 100
 64 61.7 44.1 66.1
 63 32.6 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: 126.356 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110220.D

Acq: 26 Oct 2018 20:04

Instrument :

BNA_F

ClientSampleId :

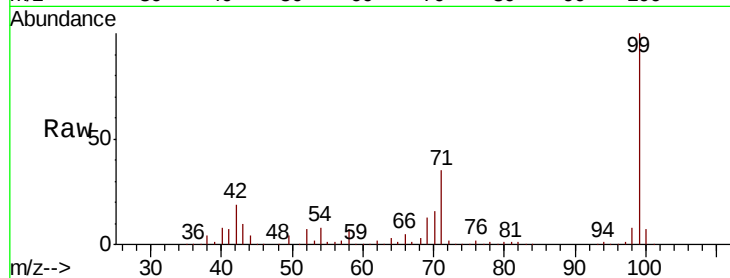
Tot Ion: 99 Resp: 1320616

Ion Ratio Lower Upper

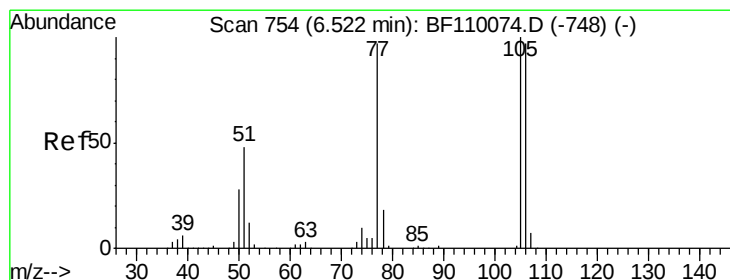
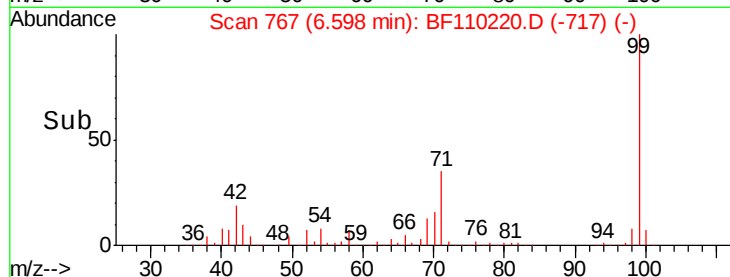
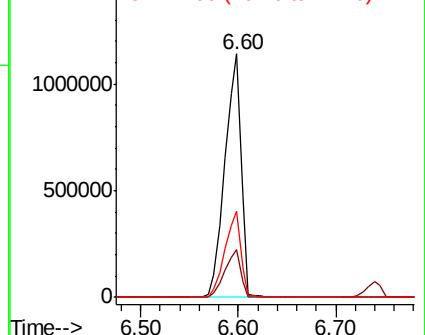
99 100

42 19.4 15.8 23.6

71 35.3 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



#9

Benzaldehyde

Concen: 2.538 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.21 min

Lab File: BF110220.D

Acq: 26 Oct 2018 20:04

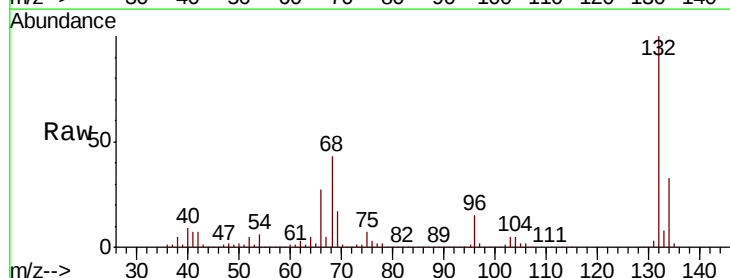
Tgt Ion: 77 Resp: 24651

Ion Ratio Lower Upper

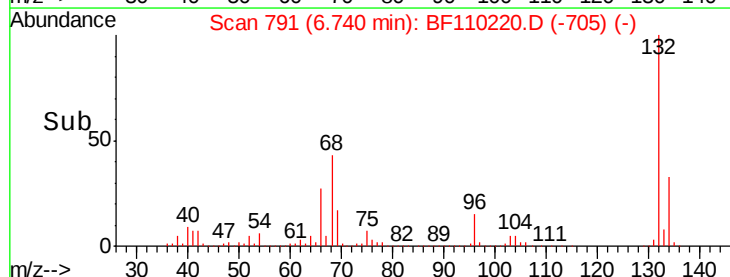
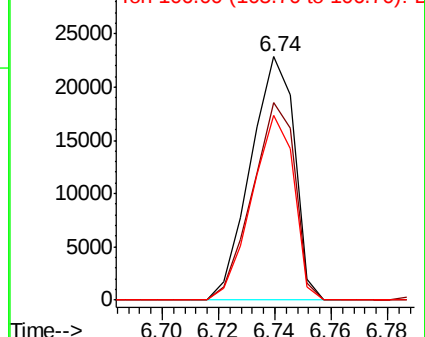
77 100

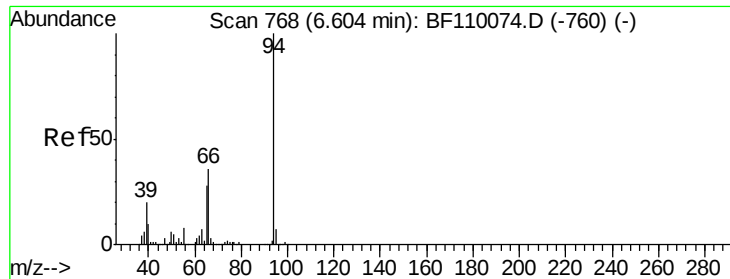
105 81.3 78.6 118.6

106 75.8 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.052 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110220.D

Acq: 26 Oct 2018 20:04

Instrument :

BNA_F

ClientSampleId :

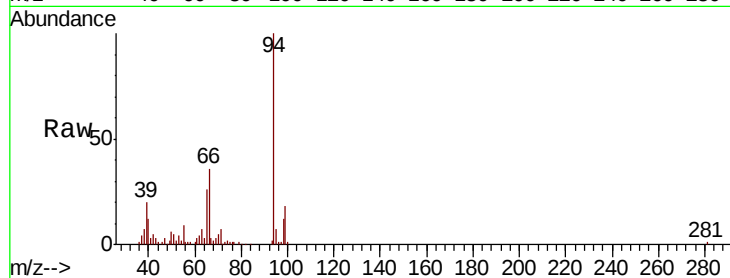
Tot Ion: 94 Resp: 67615

Ion Ratio Lower Upper

94 100

65 26.4 25.3 65.3

66 36.1 54.5 94.5#

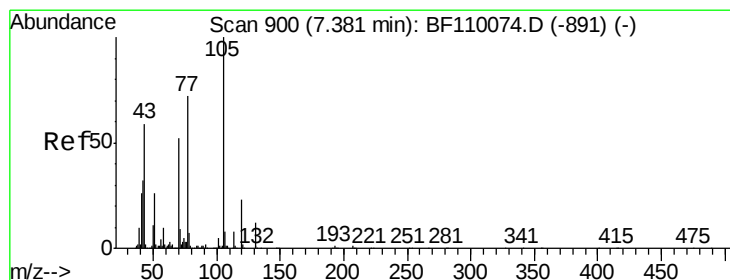
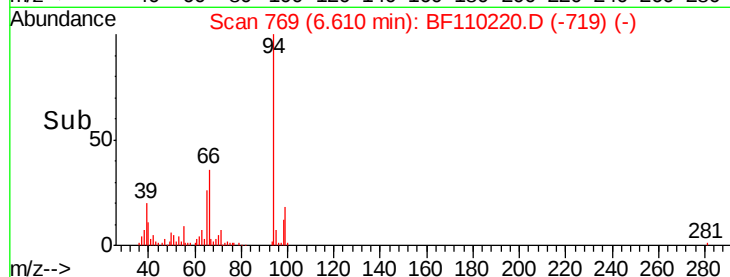
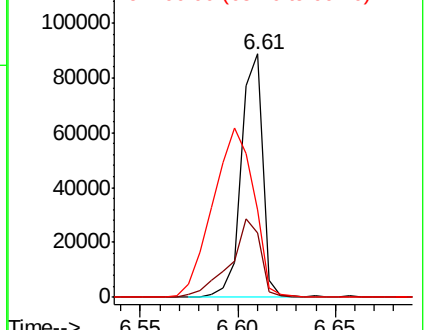


Abundance

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: 15.691 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110220.D

Acq: 26 Oct 2018 20:04

Tgt Ion: 70 Resp: 105210

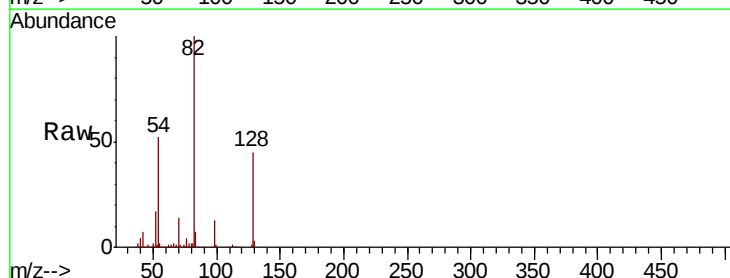
Ion Ratio Lower Upper

70 100

42 50.0 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#



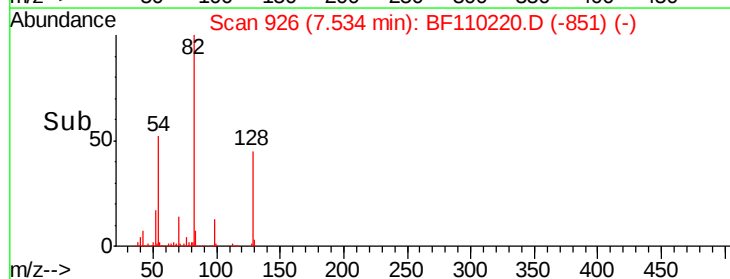
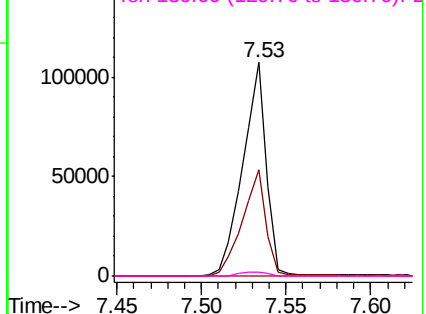
Abundance

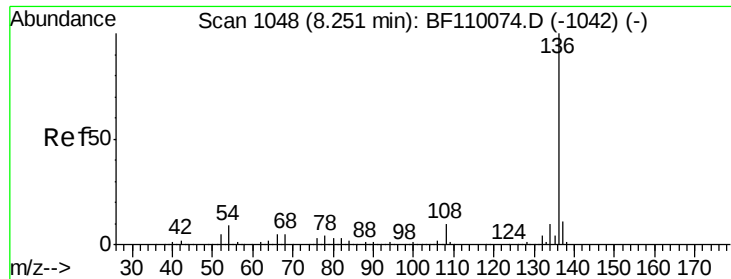
Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110220.D

Acq: 26 Oct 2018 20:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 521716

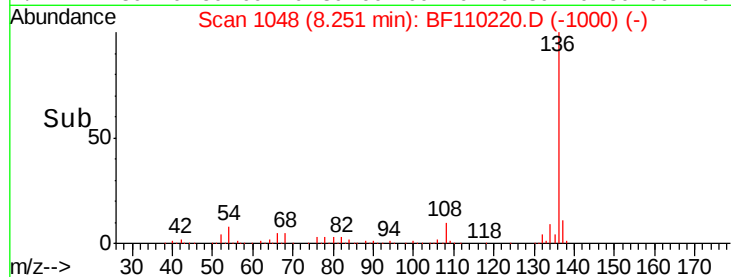
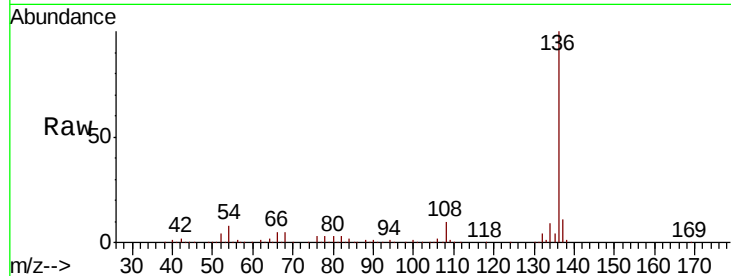
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.0 5.4 8.2

68 5.4 4.2 6.2

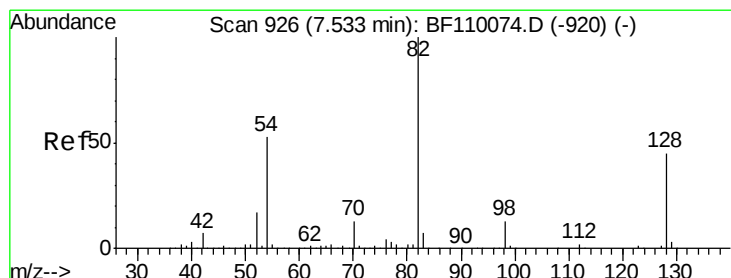
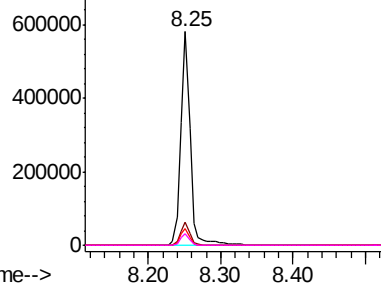


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.450 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110220.D

Acq: 26 Oct 2018 20:04

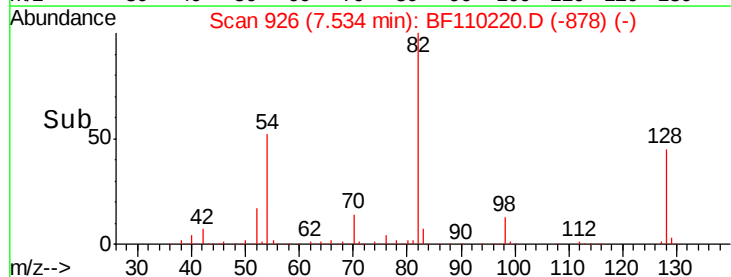
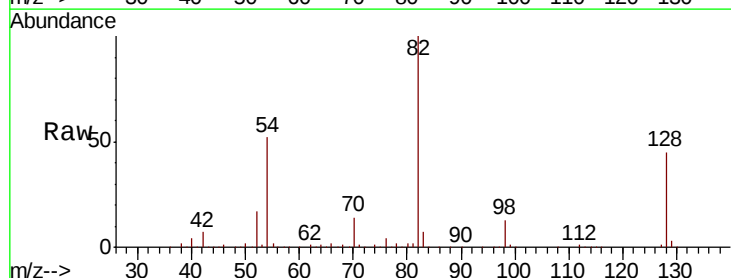
Tgt Ion: 82 Resp: 795597

Ion Ratio Lower Upper

82 100

128 45.1 34.2 51.2

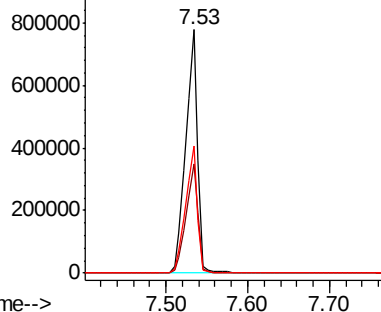
54 52.1 38.6 58.0

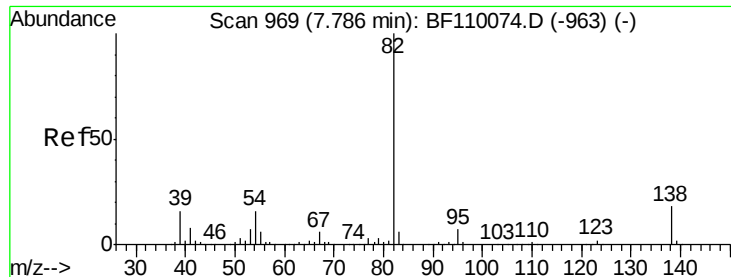


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.062 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110220.D

Acq: 26 Oct 2018 20:04

Instrument :

BNA_F

ClientSampleId :

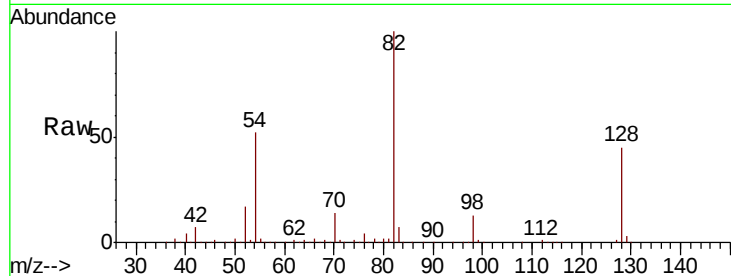
Tot Ion: 82 Resp: 795593

Ion Ratio Lower Upper

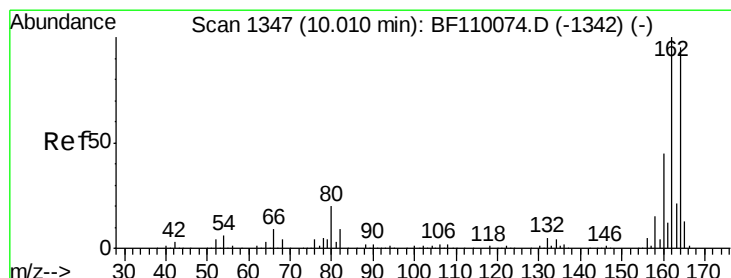
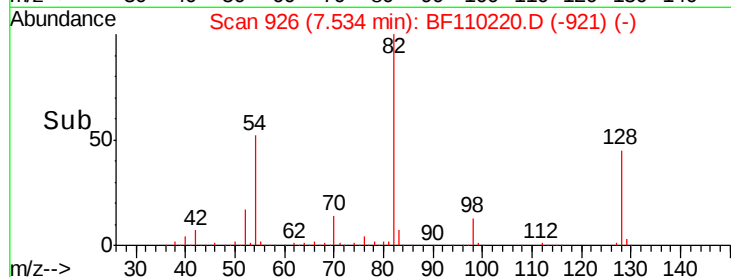
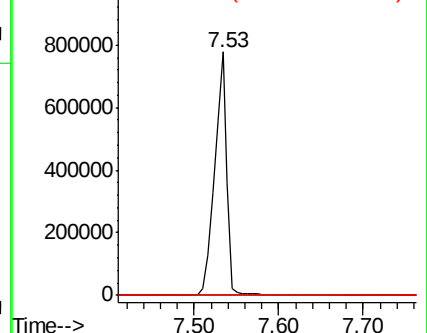
82 100

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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110220.D

Acq: 26 Oct 2018 20:04

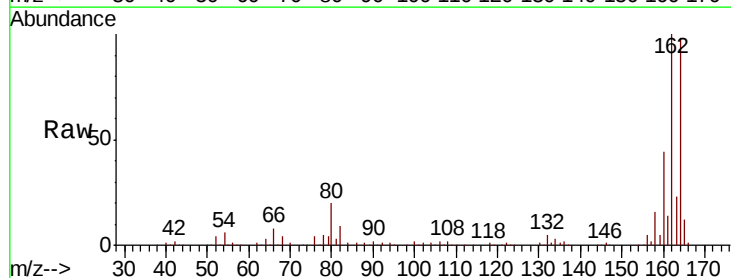
Tgt Ion: 164 Resp: 202763

Ion Ratio Lower Upper

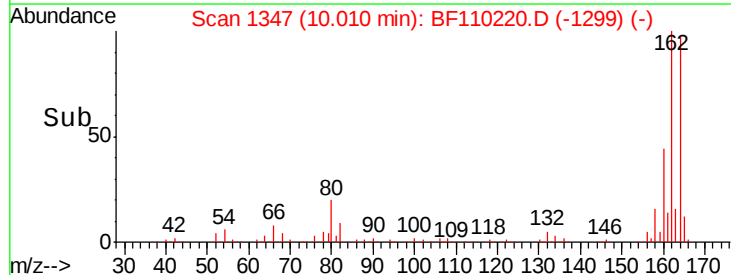
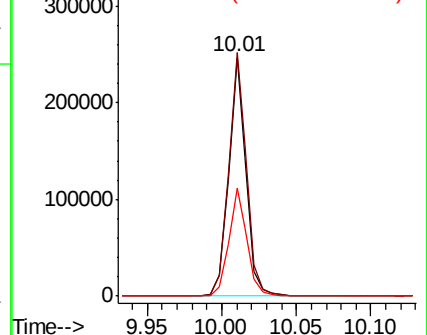
164 100

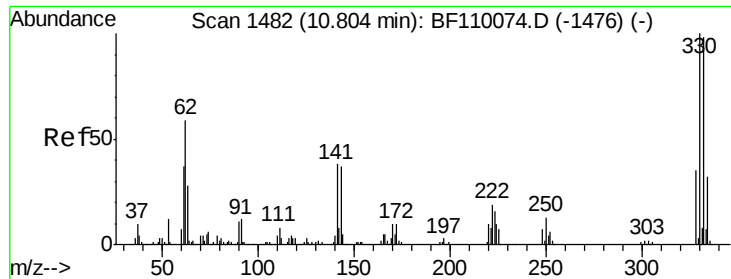
162 101.9 83.0 124.6

160 45.2 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

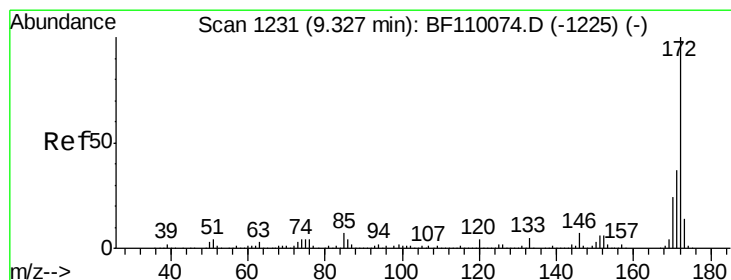
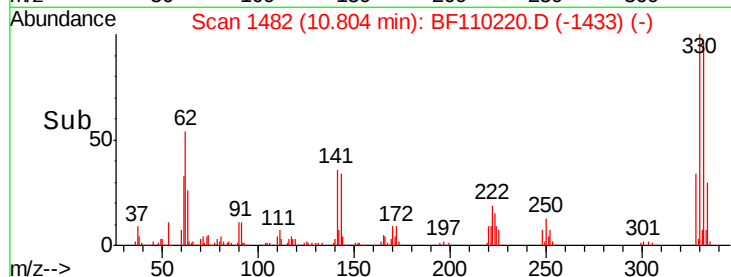
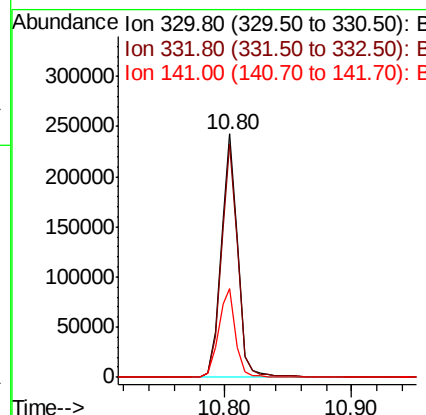
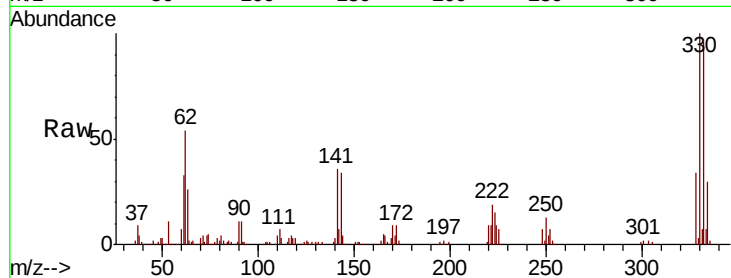




#42
 2,4,6-Tribromophenol
 Concen: 111.321 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110220.D
 Acq: 26 Oct 2018 20:04

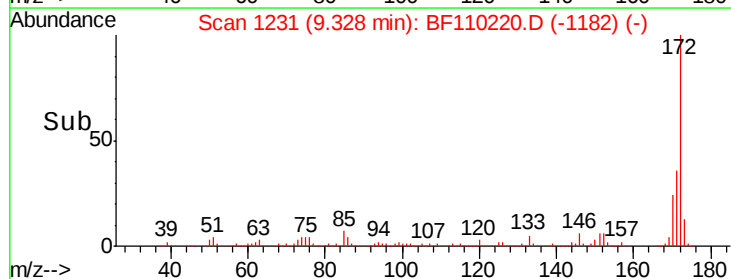
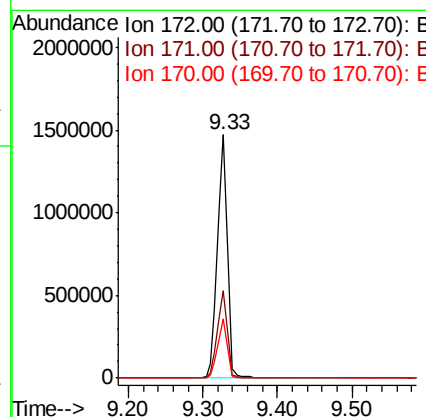
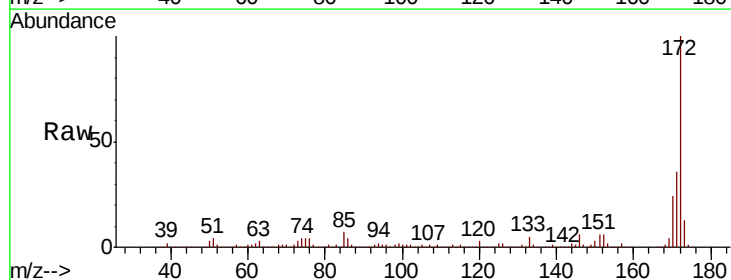
Instrument :
 BNA_F
 ClientSampleId :

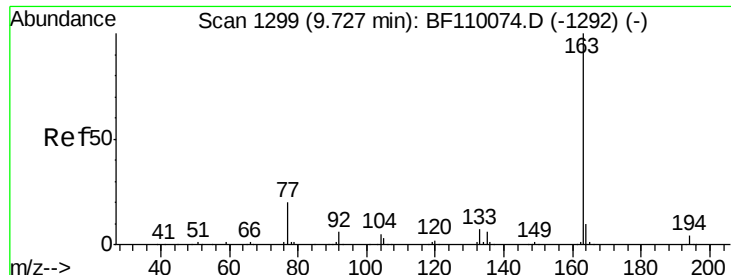
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	37.2	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 104.987 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110220.D
 Acq: 26 Oct 2018 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.2	19.7	29.5

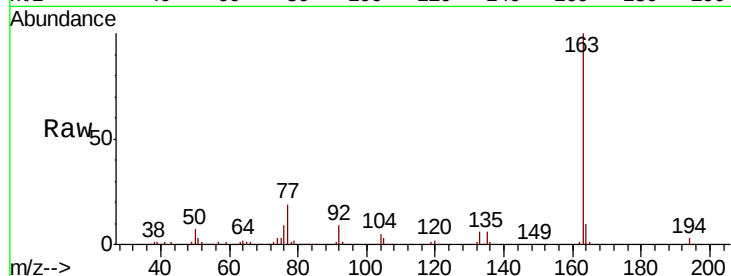




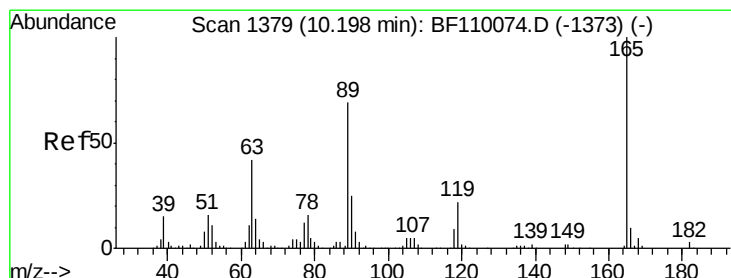
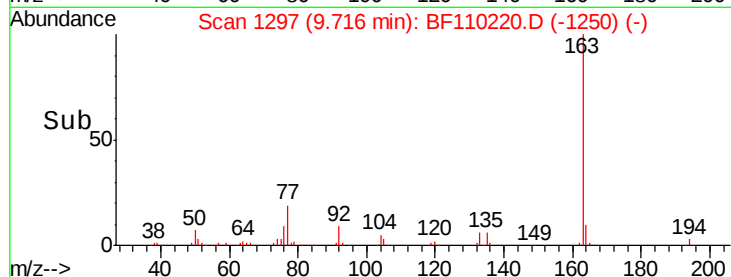
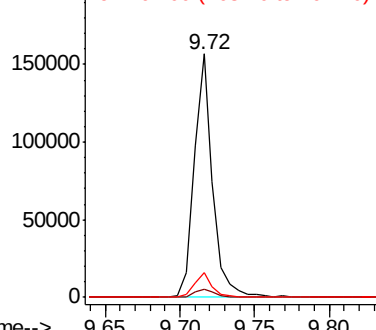
#50
Dimethylphthalate
Concen: 9.085 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110220.D
Acq: 26 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 135986
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.1 8.1 12.1

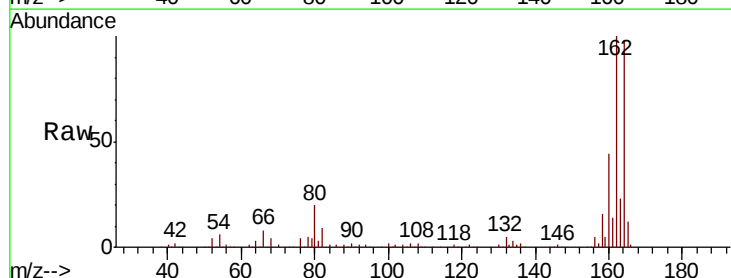


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

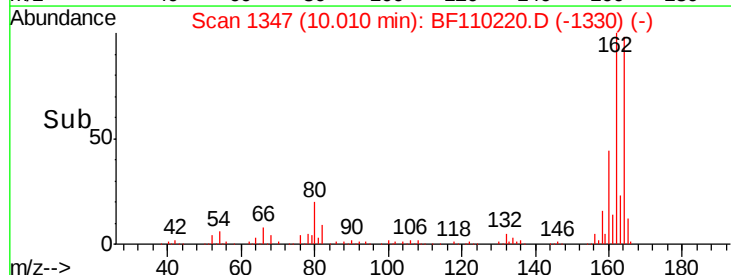
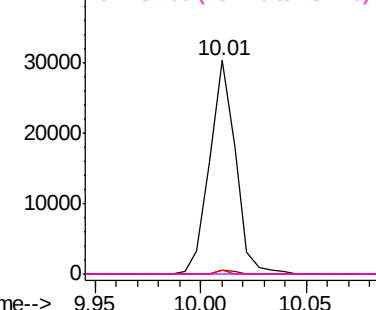


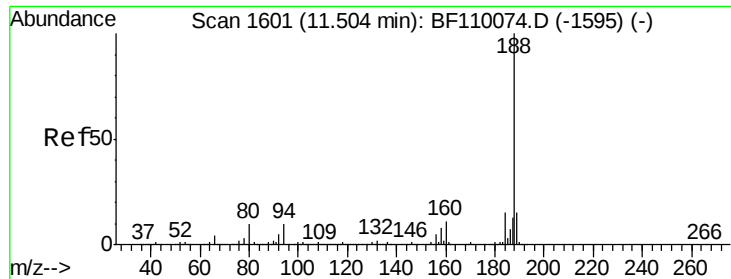
#57
2,4-Dinitrotoluene
Concen: 6.267 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110220.D
Acq: 26 Oct 2018 20:04

Tgt Ion:165 Resp: 25664
Ion Ratio Lower Upper
165 100
63 1.7 44.8 67.2#
89 1.6 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

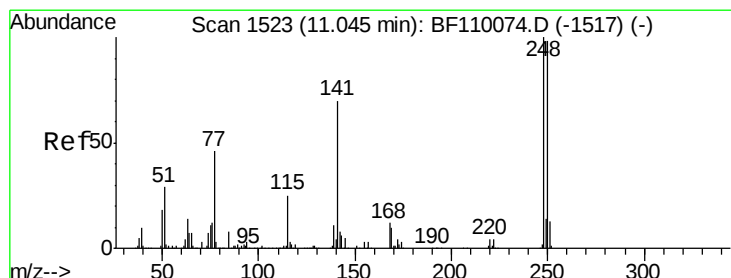
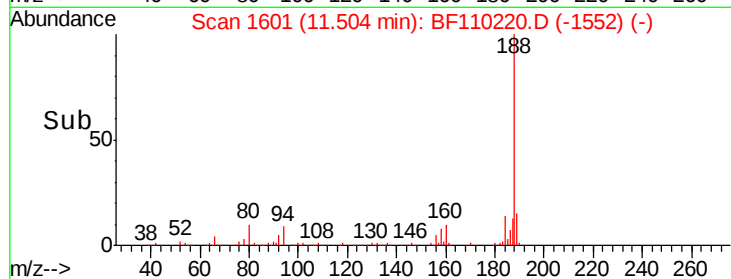
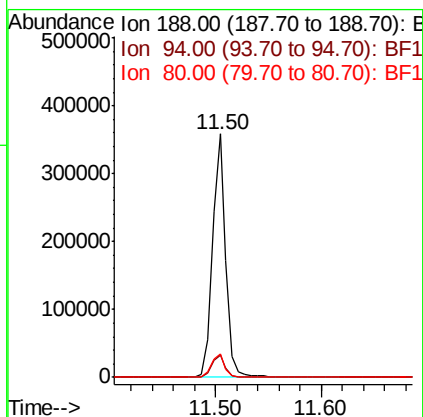
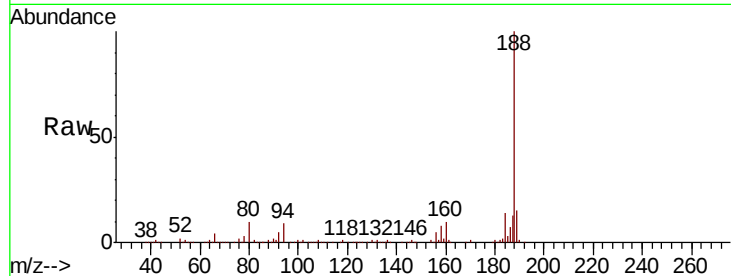




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110220.D
 Acq: 26 Oct 2018 20:04

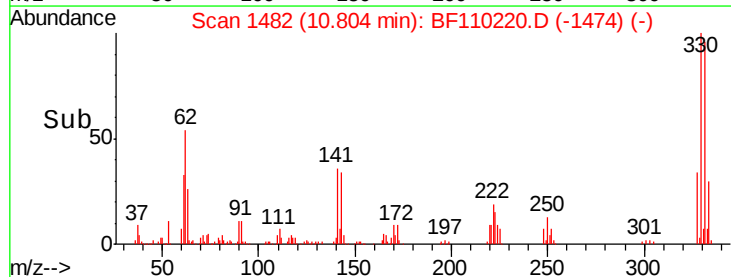
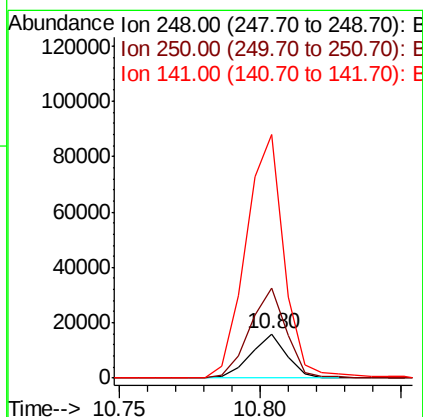
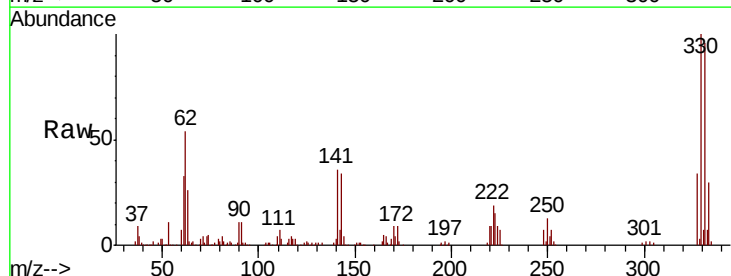
Instrument :
 BNA_F
 ClientSampled :

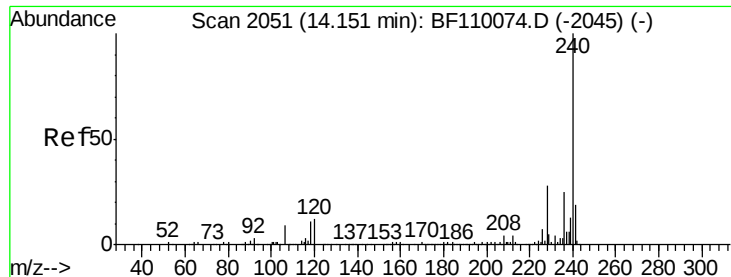
Tot Ion:188 Resp: 314628
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 9.7 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 4.095 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF110220.D
 Acq: 26 Oct 2018 20:04

Tgt Ion:248 Resp: 13977
 Ion Ratio Lower Upper
 248 100
 250 202.9 79.4 119.2#
 141 552.2 55.9 83.9#

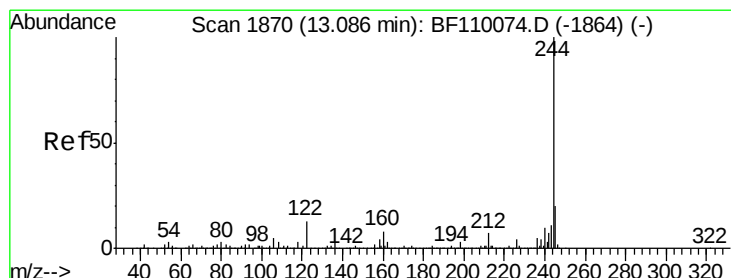
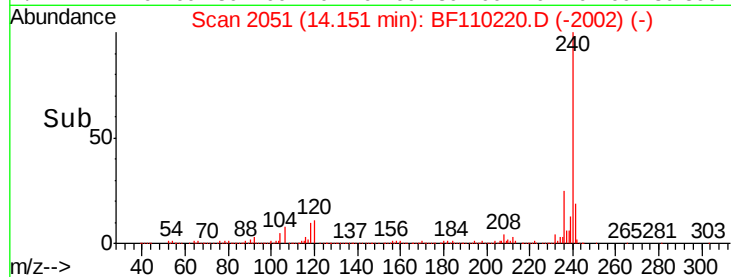
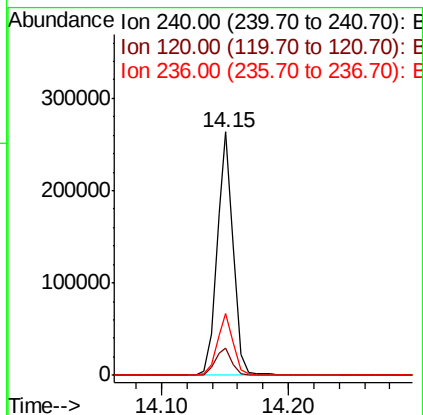
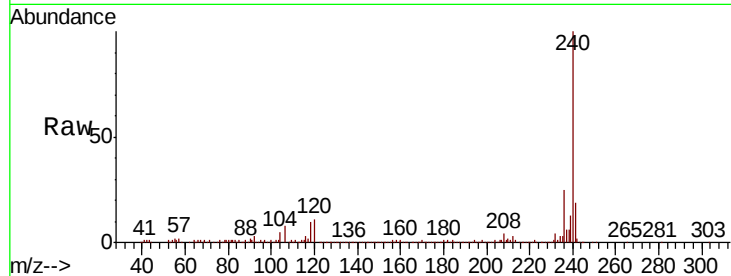




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110220.D
Acq: 26 Oct 2018 20:04

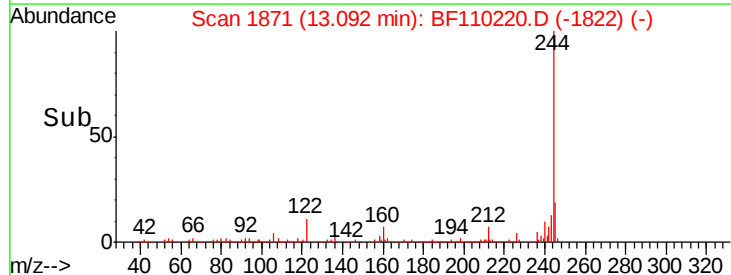
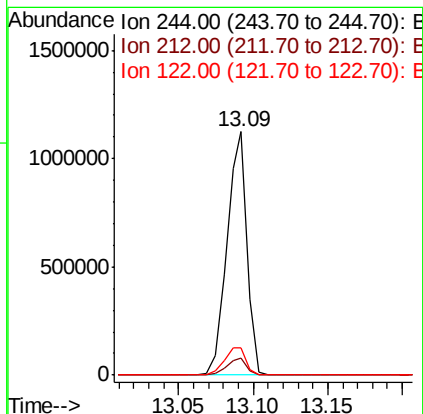
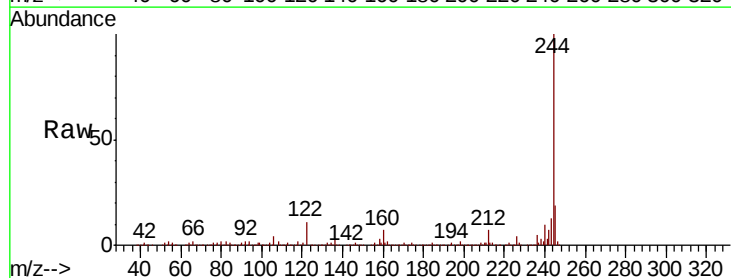
Instrument :
BNA_F
ClientSampleId :

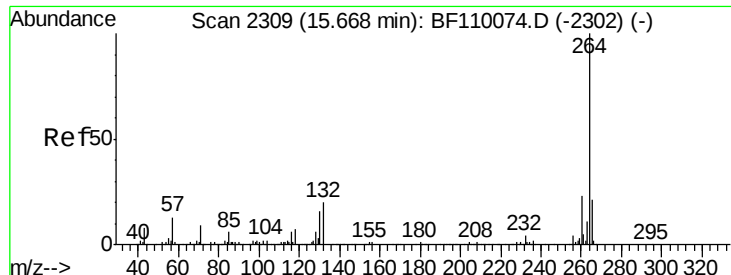
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.2	21.2	31.8



#79
Terphenyl-d14
Concen: 94.868 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110220.D
Acq: 26 Oct 2018 20:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.0	8.7	13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110220.D
Acq: 26 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.5	16.7	25.1

