

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110366.D
 Acq On : 1 Nov 2018 14:07
 Operator : JU/SJ
 Sample : J5741-39
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 15:53:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

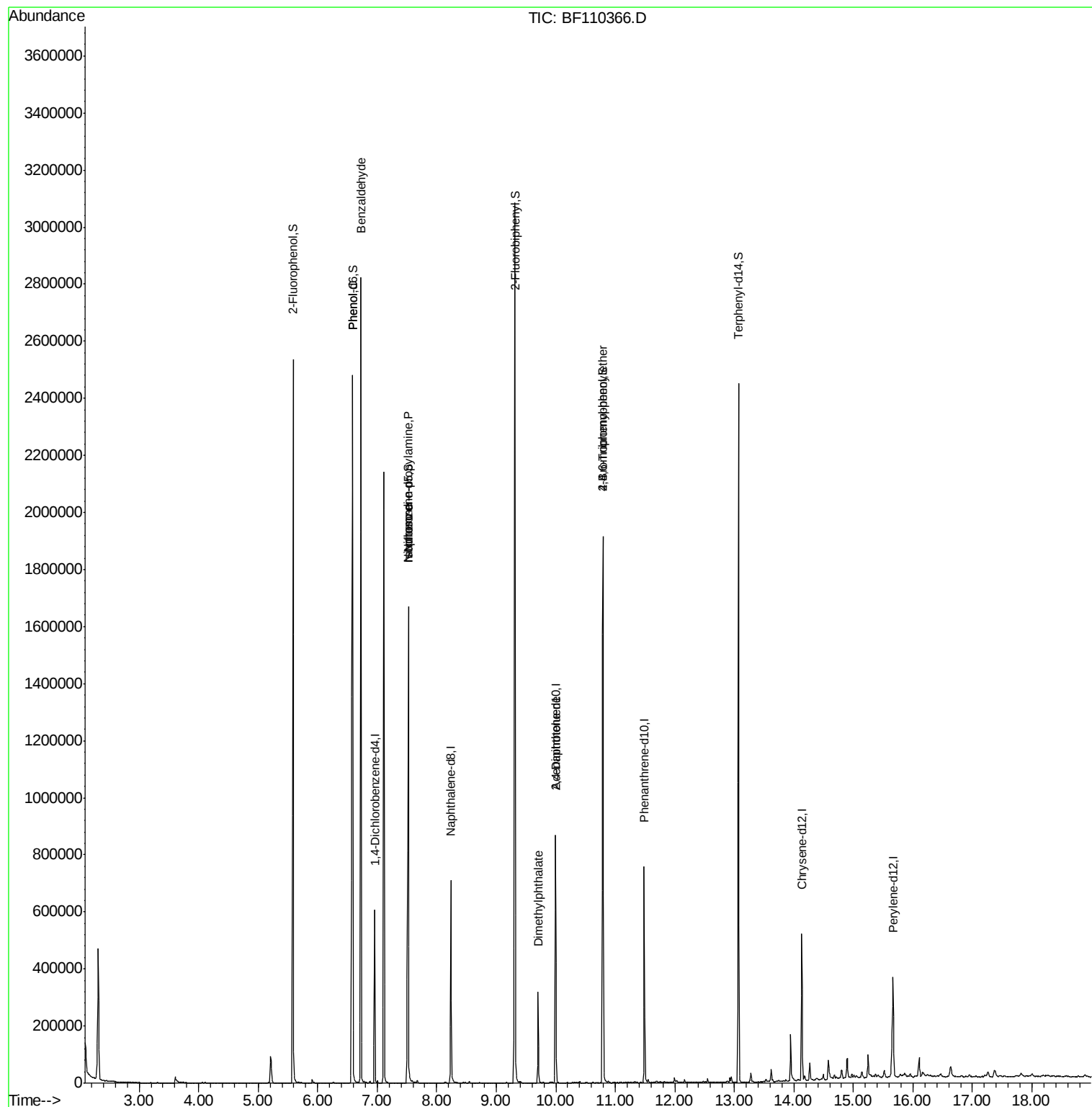
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	87831	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	358405	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	171173	20.00	ng	-0.02
64) Phenanthrene-d10	11.49	188	306116	20.00	ng	-0.03
76) Chrysene-d12	14.13	240	169585	20.00	ng	-0.04
87) Perylene-d12	15.67	264	174348	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	744863	138.10	ng	0.00
7) Phenol-d6	6.59	99	928560	134.60	ng	-0.02
23) Nitrobenzene-d5	7.52	82	591641	97.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.79	330	224924	132.65	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1047524	96.09	ng	-0.02
79) Terphenyl-d14	13.07	244	840355	103.06	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.73	77	18067	2.910	ng	81
10) Phenol	6.59	94	55596	7.539	ng	# 78
19) n-Nitroso-di-n-propylamine	7.52	70	79305	17.919	ng	# 80
25) Isophorone	7.52	82	591636	57.439	ng	# 67
50) Dimethylphthalate	9.70	163	136883	10.833	ng	99
57) 2,4-Dinitrotoluene	10.00	165	21316	6.166	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	14521	4.373	ng	# 1

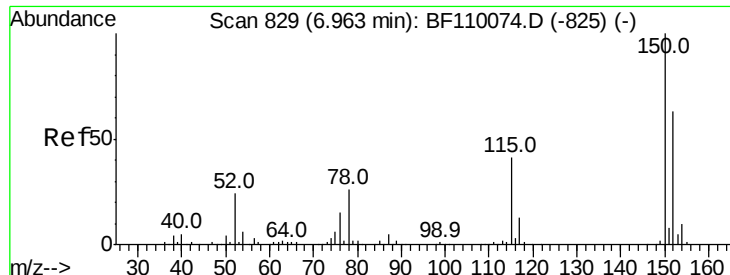
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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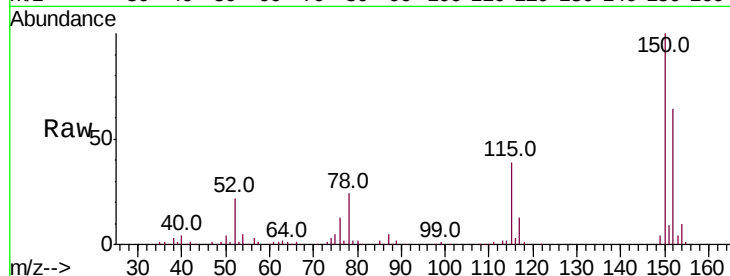


#1

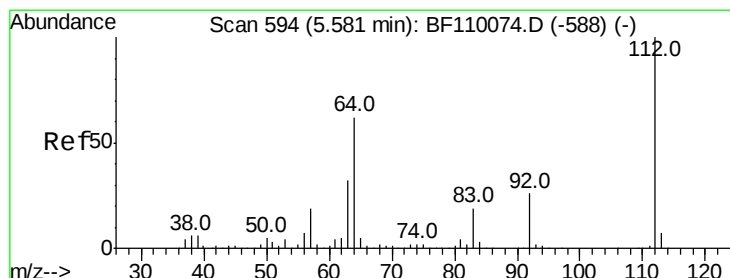
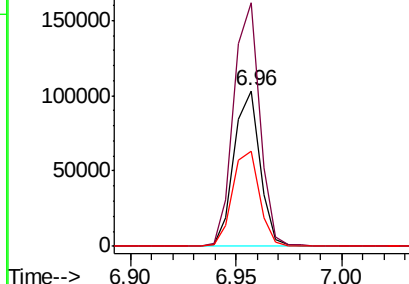
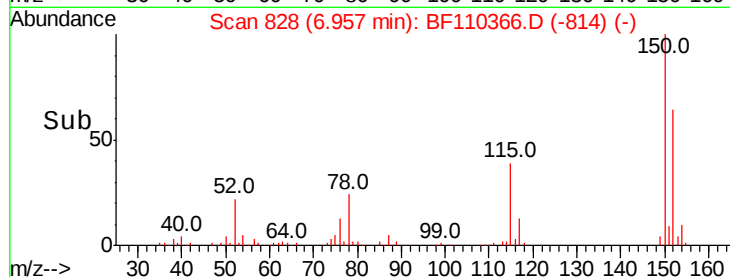
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF110366.D
Acq: 1 Nov 2018 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87831
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 60.7 49.1 73.7



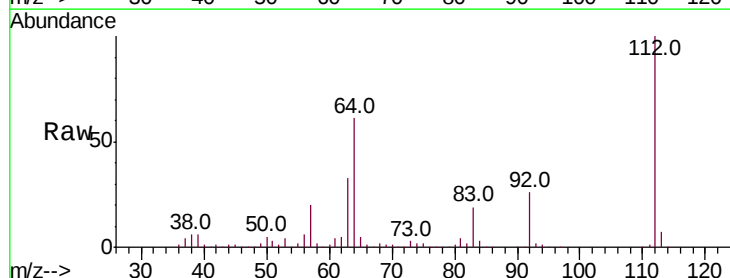
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



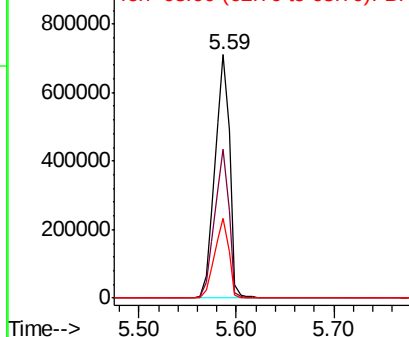
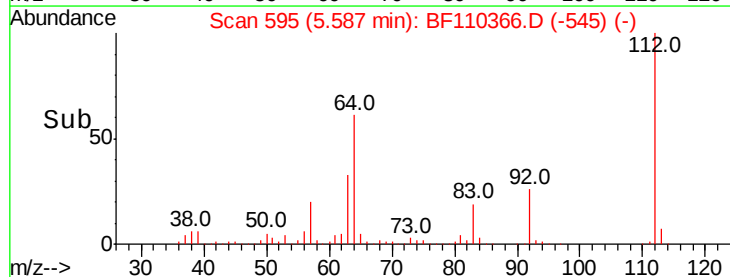
#5

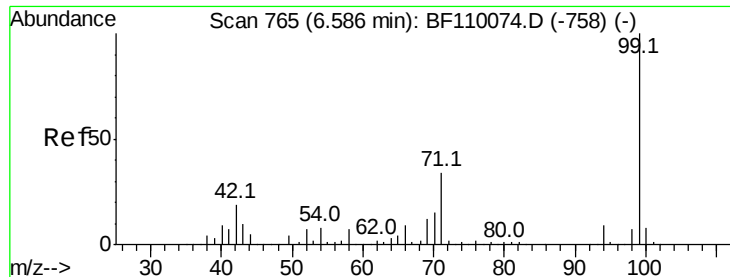
2-Fluorophenol
Concen: 138.103 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110366.D
Acq: 1 Nov 2018 14:07

Tgt Ion:112 Resp: 744863
Ion Ratio Lower Upper
112 100
64 60.9 44.1 66.1
63 32.8 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: 134.599 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

Instrument :

BNA_F

ClientSampleId :

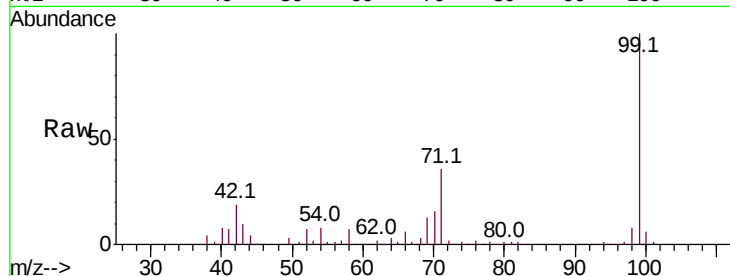
Tot Ion: 99 Resp: 928560

Ion Ratio Lower Upper

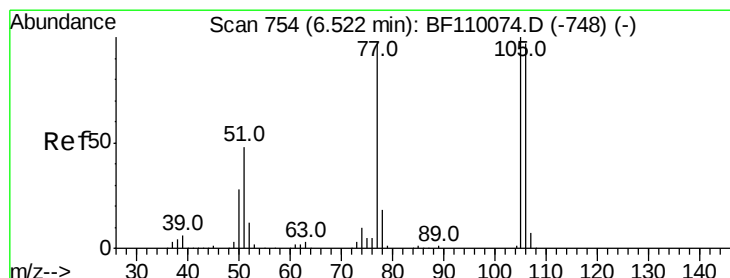
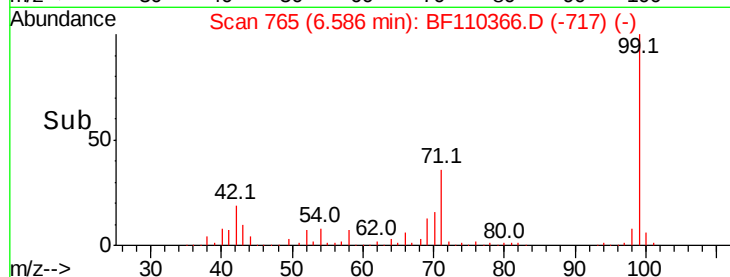
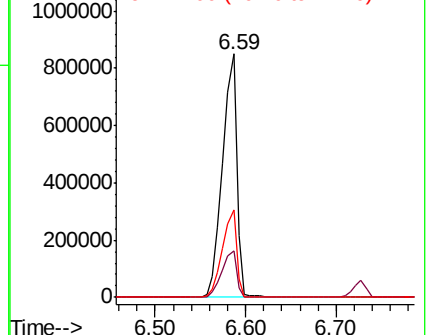
99 100

42 19.3 15.8 23.6

71 35.7 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: 2.910 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.20 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

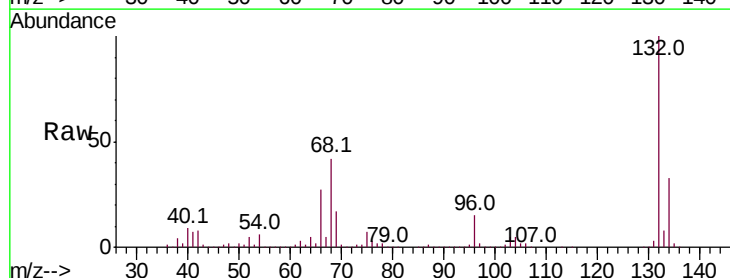
Tgt Ion: 77 Resp: 18067

Ion Ratio Lower Upper

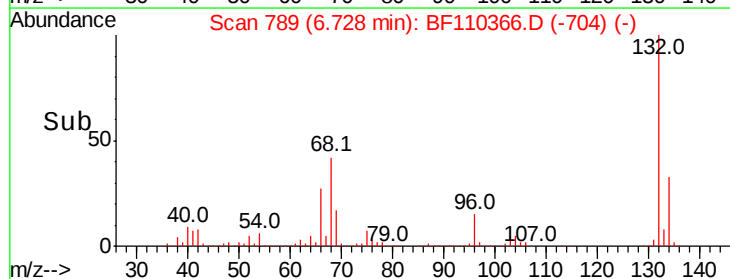
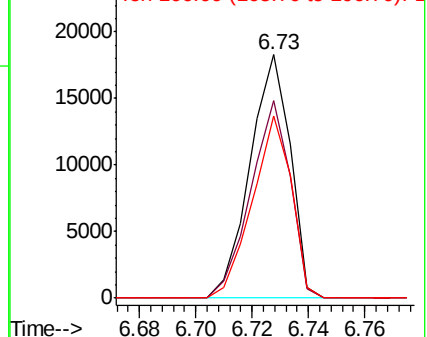
77 100

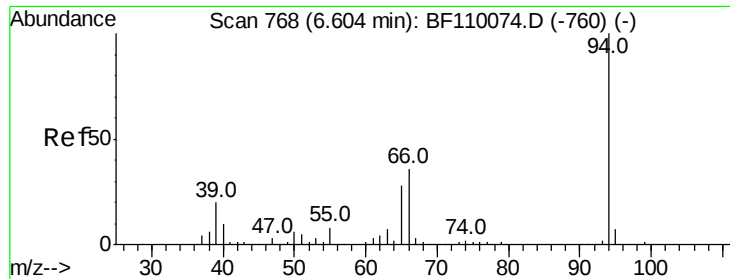
105 81.4 78.6 118.6

106 75.0 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: 7.539 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

Instrument :

BNA_F

ClientSampleId :

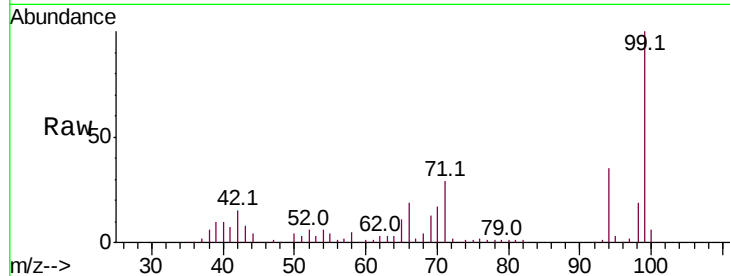
Tot Ion: 94 Resp: 55596

Ion Ratio Lower Upper

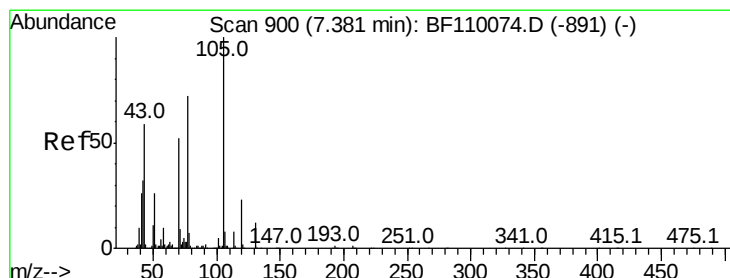
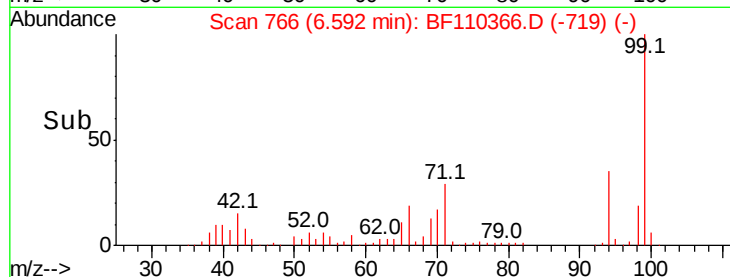
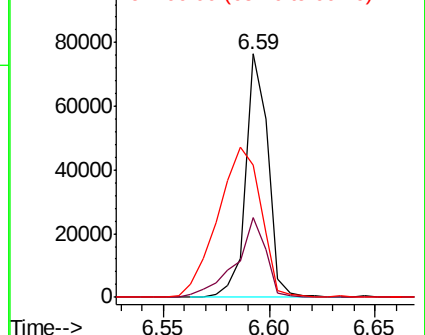
94 100

65 32.5 25.3 65.3

66 54.1 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: 17.919 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.14 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

Tgt Ion: 70 Resp: 79305

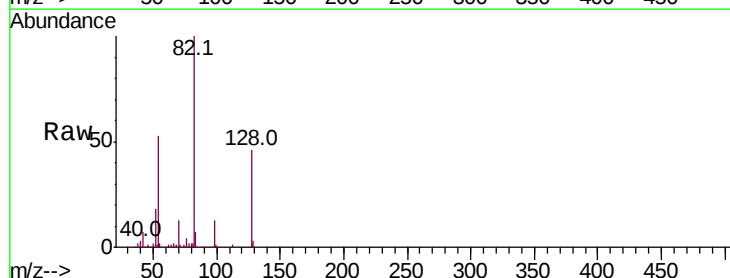
Ion Ratio Lower Upper

70 100

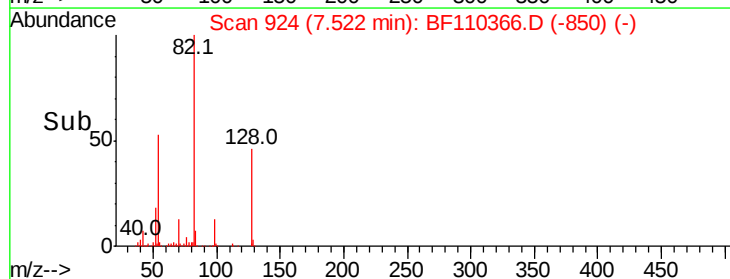
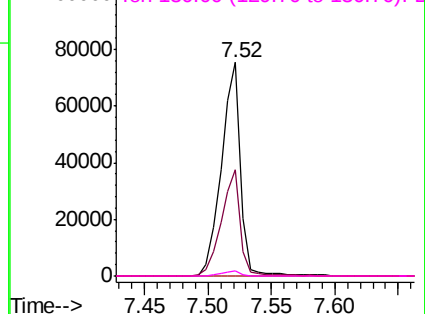
42 49.9 47.4 71.2

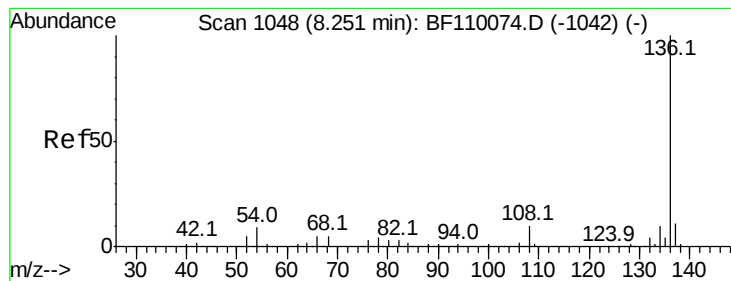
101 0.0 7.3 10.9#

130 2.3 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: 8.24 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 358405

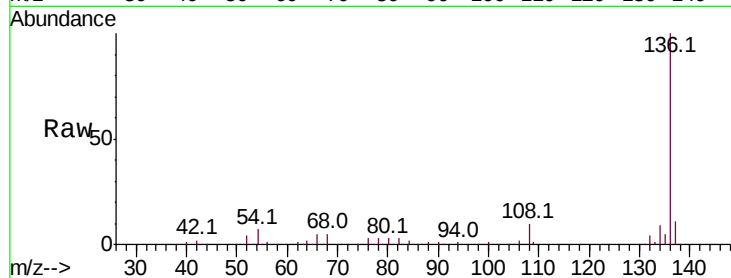
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.4 5.4 8.2

68 4.9 4.2 6.2

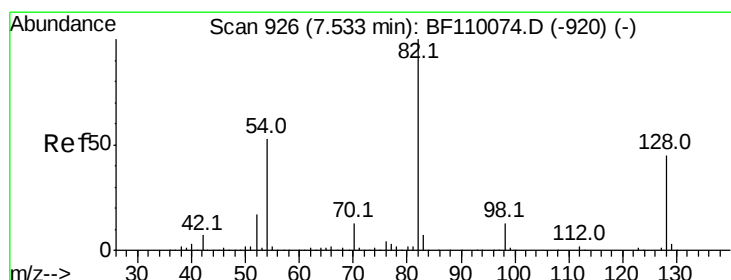
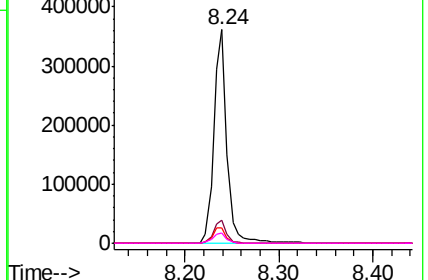
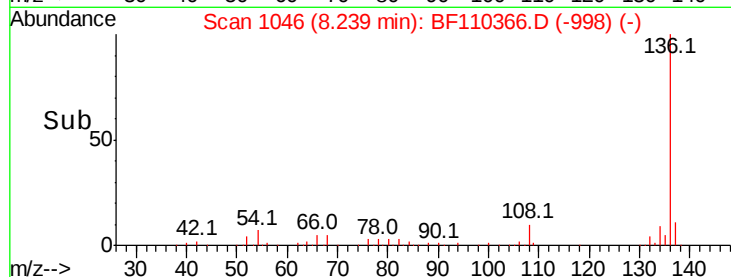


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.912 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

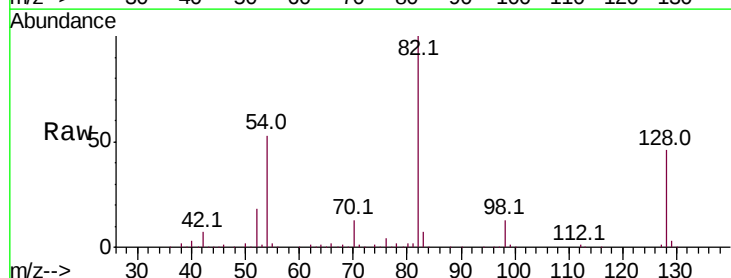
Tgt Ion: 82 Resp: 591641

Ion Ratio Lower Upper

82 100

128 45.7 34.2 51.2

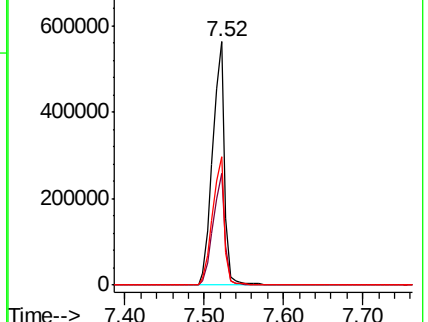
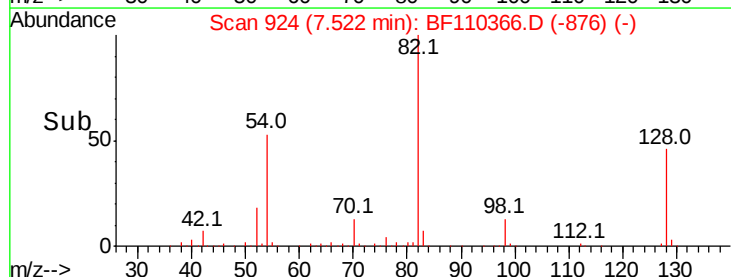
54 52.7 38.6 58.0

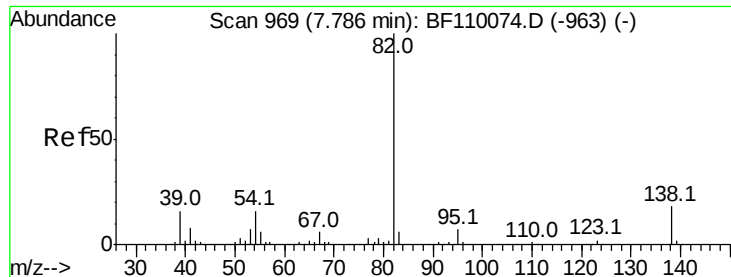


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 57.439 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.27 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

Instrument :

BNA_F

ClientSampleId :

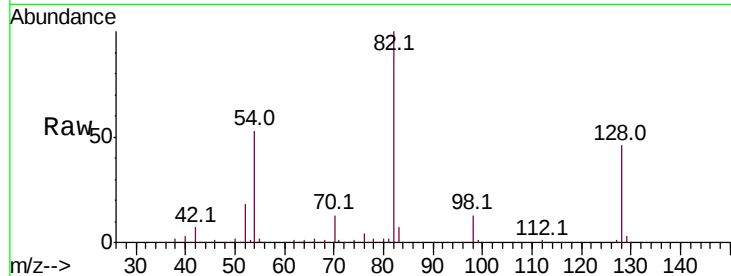
Tot Ion: 82 Resp: 591636

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

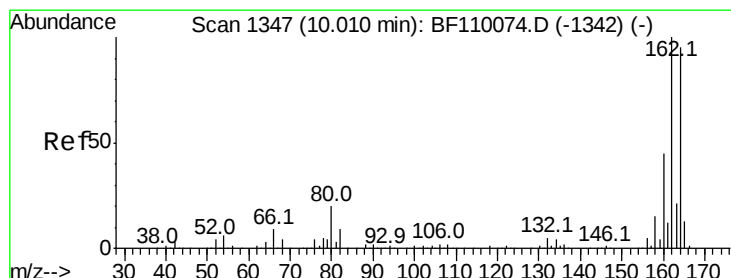
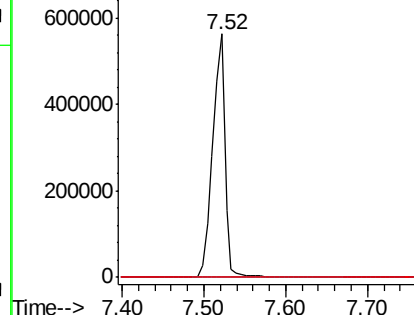
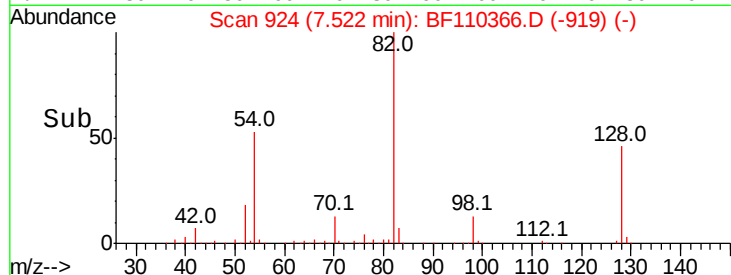
138 0.0 13.2 19.8#



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: 10.00 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

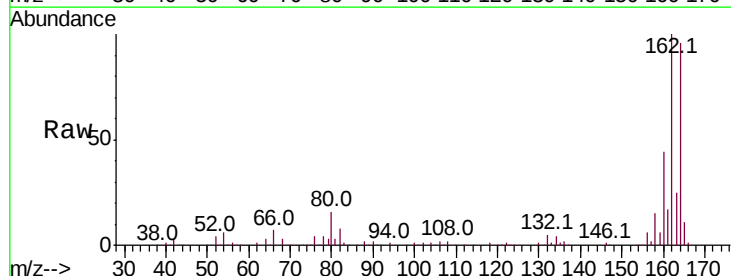
Tgt Ion:164 Resp: 171173

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.6

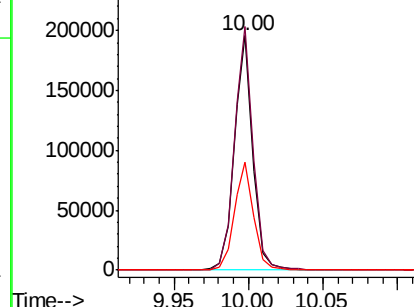
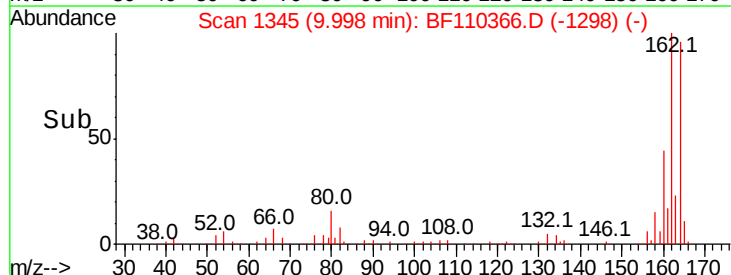
160 46.1 37.0 55.6

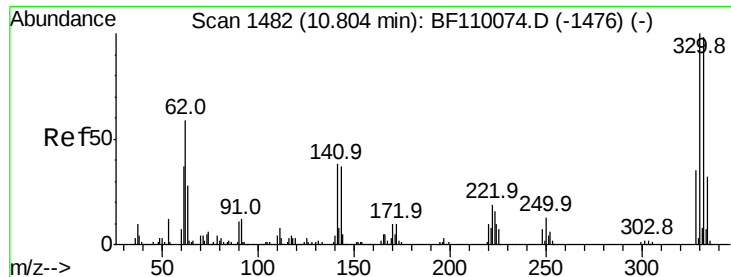


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

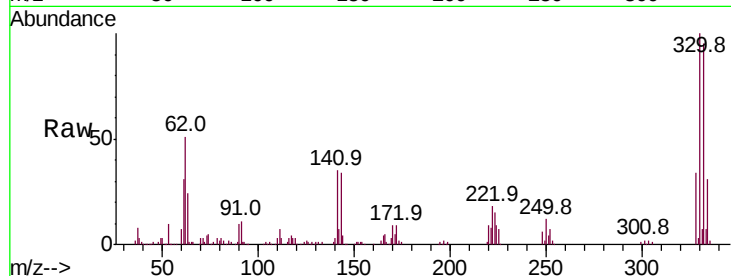




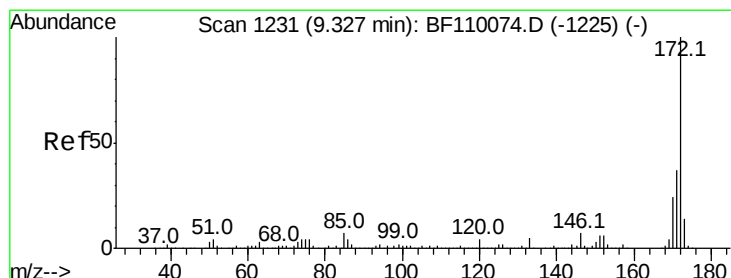
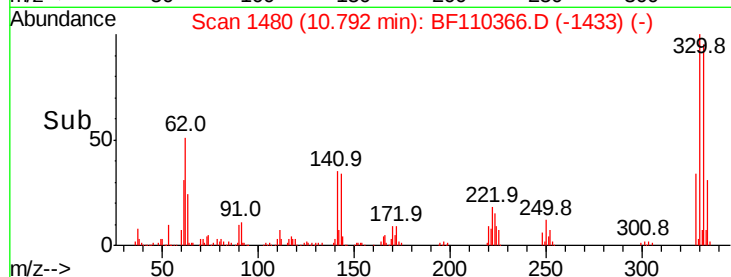
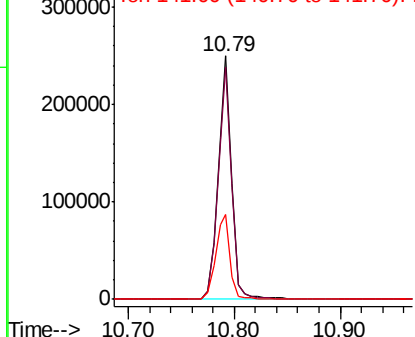
#42
 2,4,6-Tribromophenol
 Concen: 132.653 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF110366.D
 Acq: 1 Nov 2018 14:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	37.2	27.0	40.4

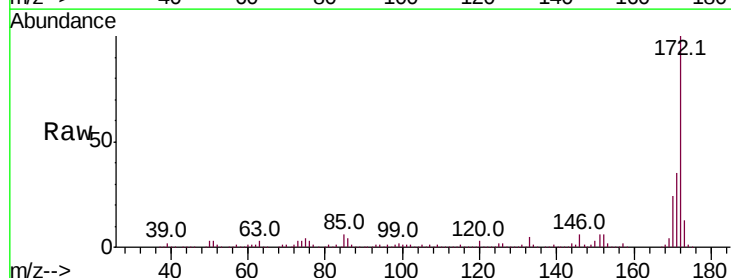


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

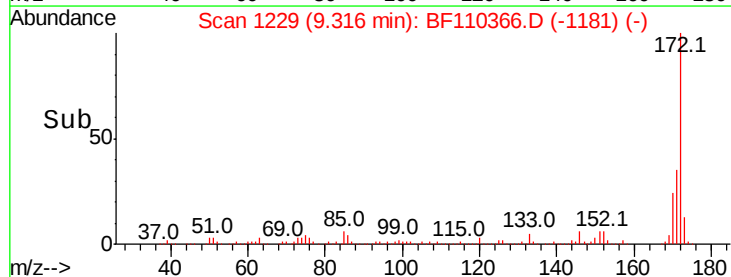
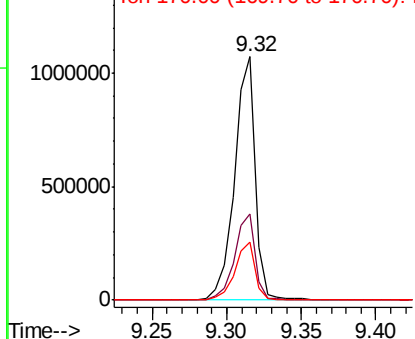


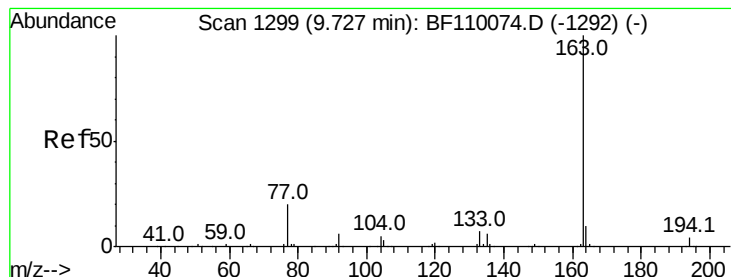
#45
 2-Fluorobiphenyl
 Concen: 96.095 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF110366.D
 Acq: 1 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	24.1	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: 10.833 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.03 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

Instrument :

BNA_F

ClientSampleId :

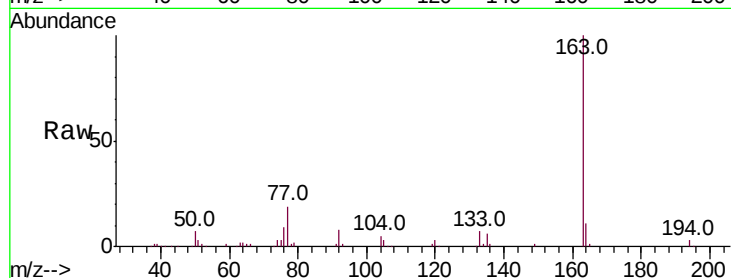
Tot Ion:163 Resp: 136883

Ion Ratio Lower Upper

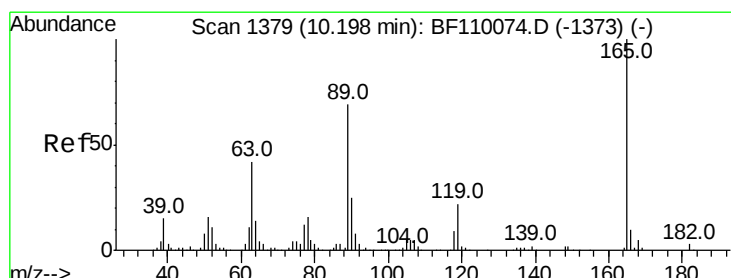
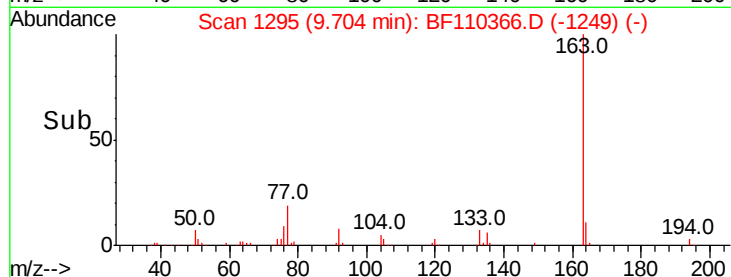
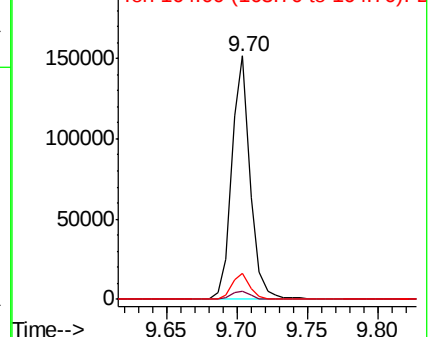
163 100

194 3.3 3.2 4.8

164 10.5 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: 6.166 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.22 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

Tgt Ion:165 Resp: 21316

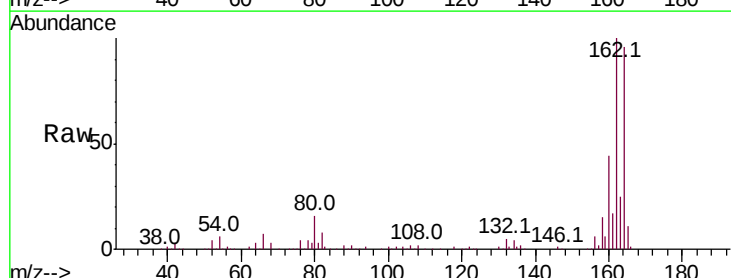
Ion Ratio Lower Upper

165 100

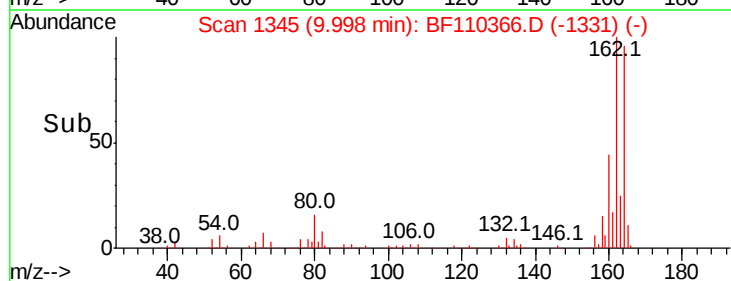
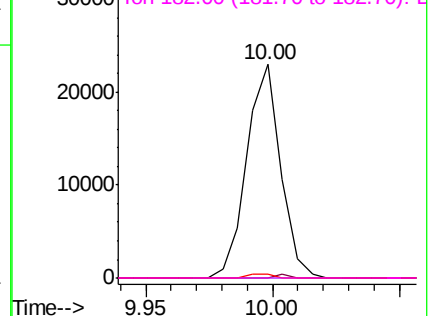
63 0.0 44.8 67.2#

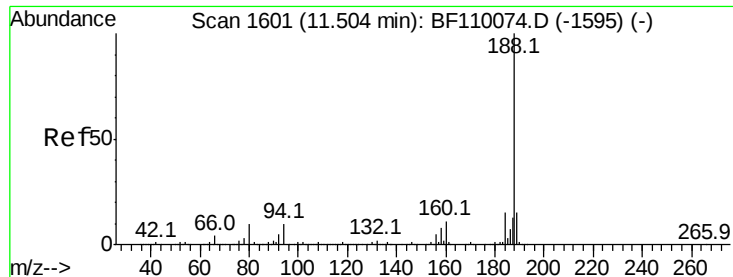
89 1.8 62.2 93.4#

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: 11.49 min Scan# 1598

Delta R.T. -0.03 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

Instrument :

BNA_F

ClientSampleId :

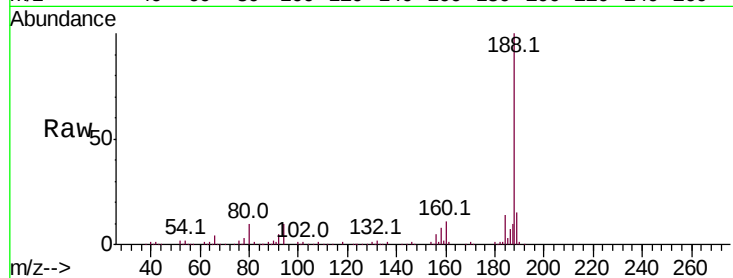
Tot Ion:188 Resp: 306116

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

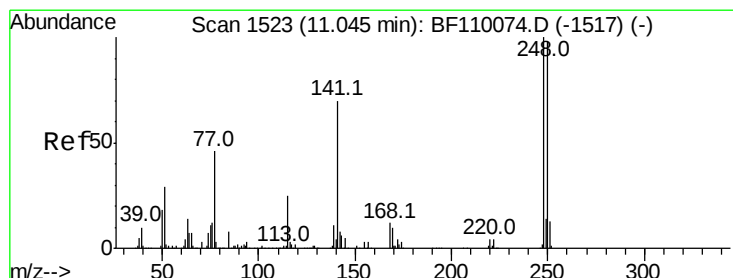
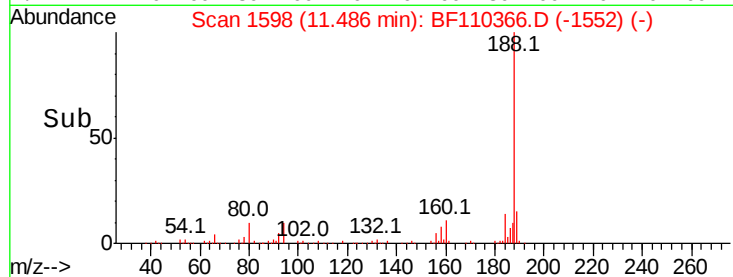
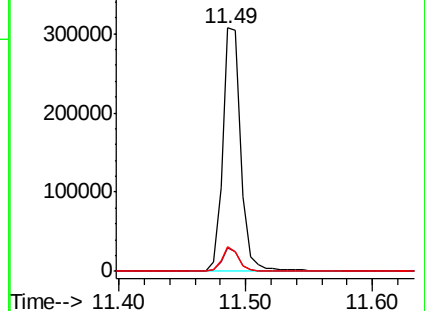
80 10.3 7.9 11.9



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: 4.373 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.26 min

Lab File: BF110366.D

Acq: 1 Nov 2018 14:07

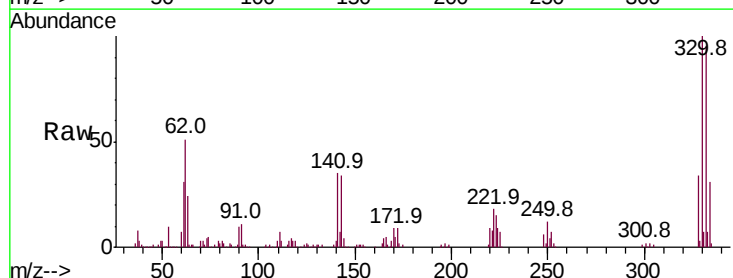
Tgt Ion:248 Resp: 14521

Ion Ratio Lower Upper

248 100

250 190.6 79.4 119.2#

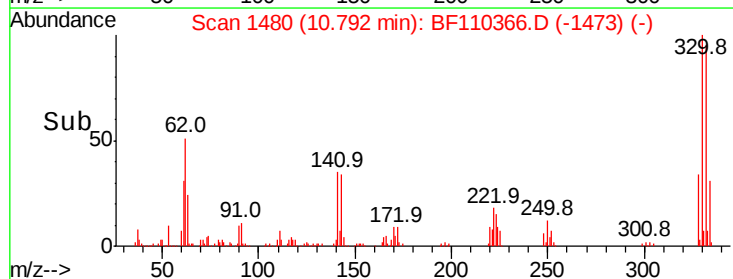
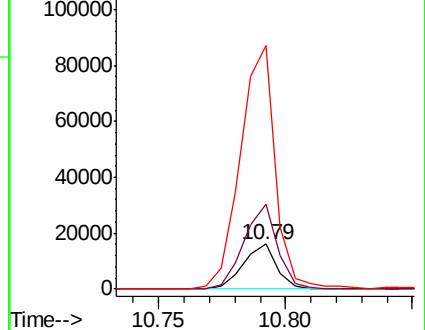
141 545.9 55.9 83.9#

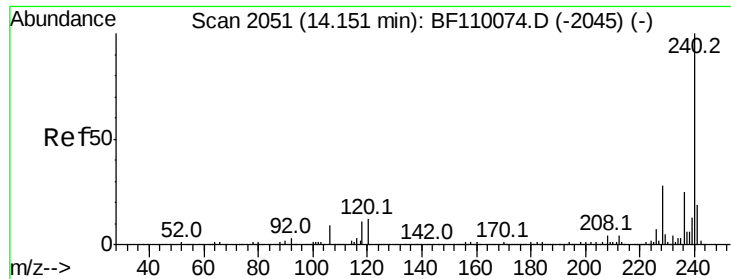


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

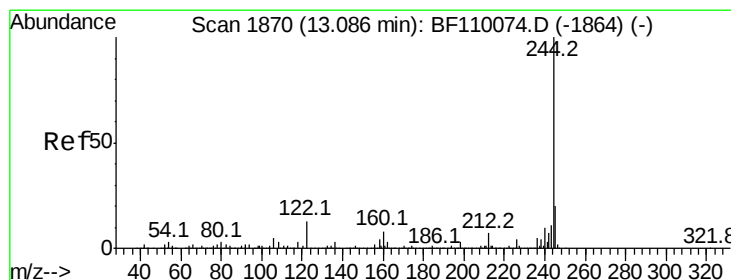
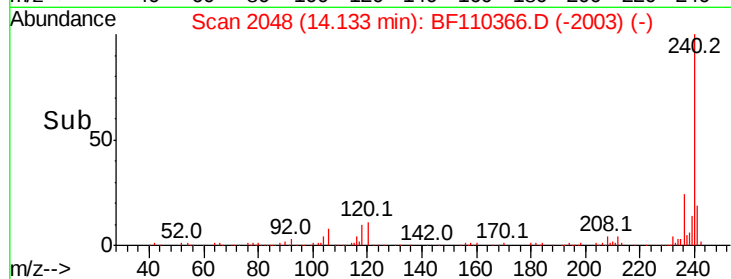
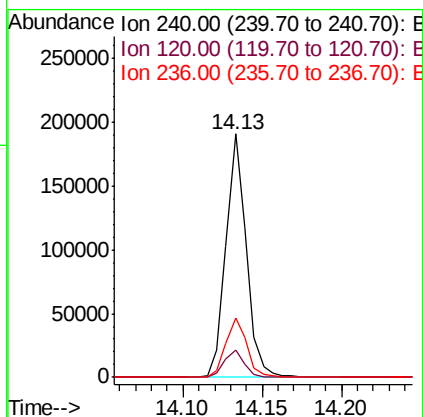
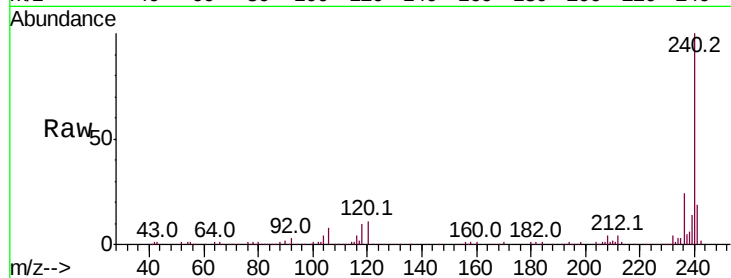




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.04 min
Lab File: BF110366.D
Acq: 1 Nov 2018 14:07

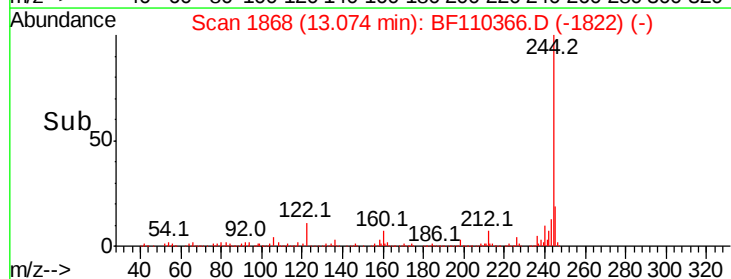
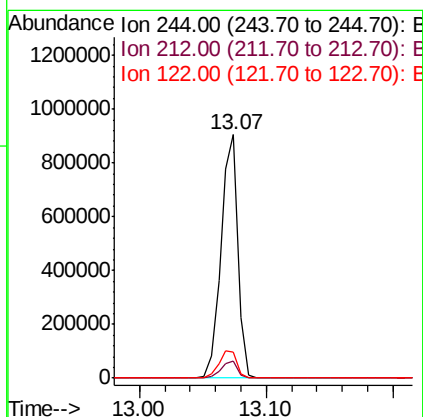
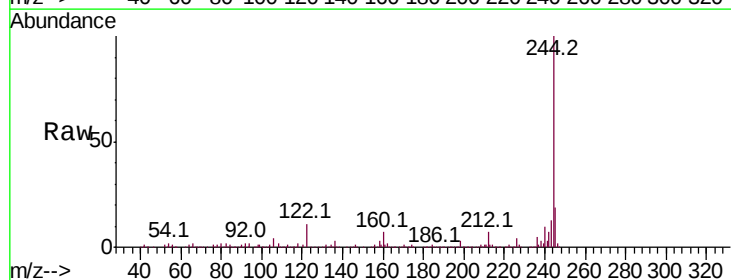
Instrument :
BNA_F
ClientSampleId :

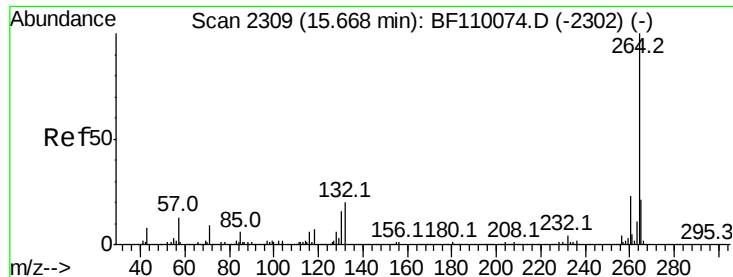
Tot Ion:240 Resp: 169585
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 24.5 21.2 31.8



#79
Terphenyl-d14
Concen: 103.057 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.03 min
Lab File: BF110366.D
Acq: 1 Nov 2018 14:07

Tgt Ion:244 Resp: 840355
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.7 8.7 13.1

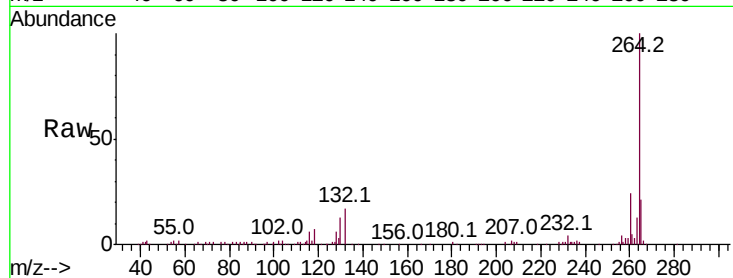




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.04 min
Lab File: BF110366.D
Acq: 1 Nov 2018 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

