

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110244.D
 Acq On : 27 Oct 2018 6:55
 Operator : JU/SJ
 Sample : J5686-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 02:35:44 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

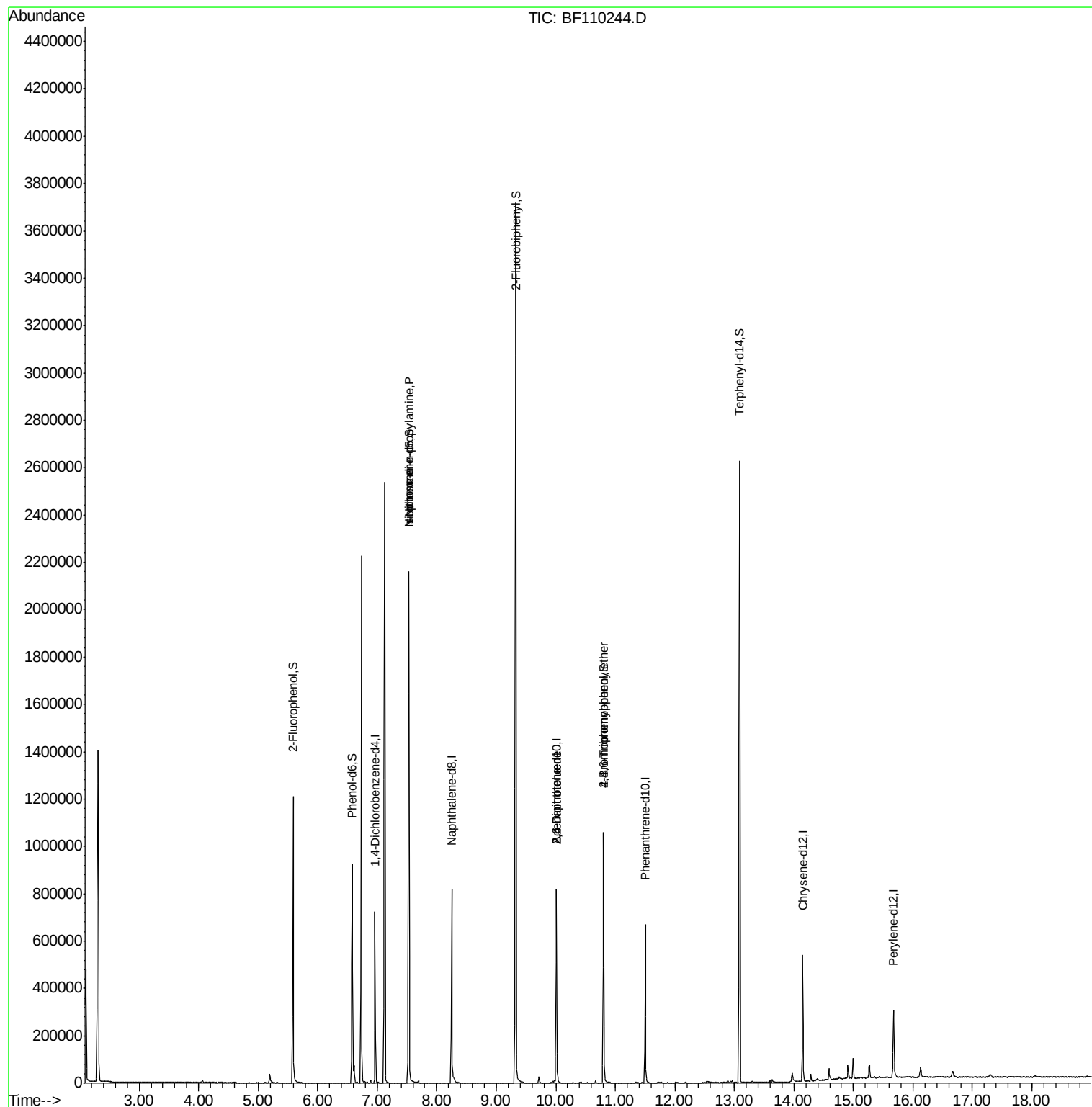
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	111856	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	413756	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	162900	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	256263	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	188591	20.00	ng	-0.01
87) Perylene-d12	15.67	264	125149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	322395	46.94	ng	-0.01
7) Phenol-d6	6.58	99	271144	30.86	ng	-0.02
23) Nitrobenzene-d5	7.53	82	712453	102.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	128665	79.74	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1178528	113.60	ng	-0.01
79) Terphenyl-d14	13.09	244	938677	103.51	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	95453	16.935	ng	# 79
25) Isophorone	7.53	82	712441	59.914	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	21025	8.117	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	21025	6.391	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	8231	2.961	ng	# 1

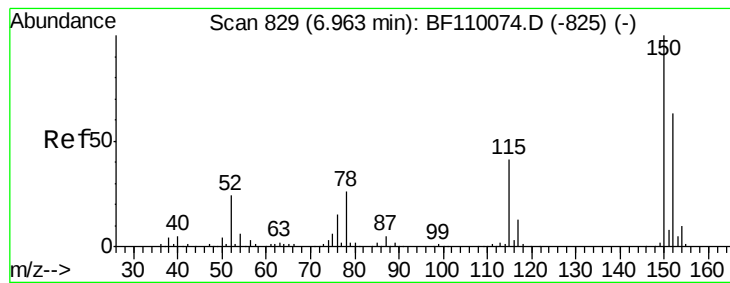
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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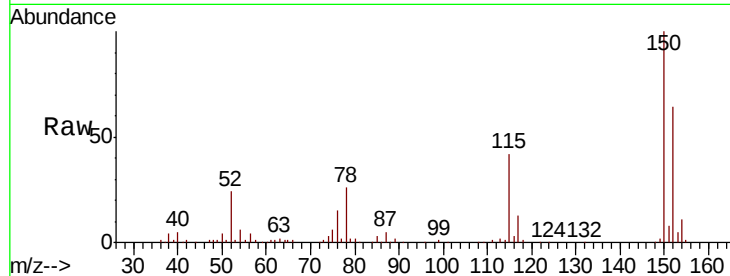


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.7	184.1
115	64.7	49.1	73.7

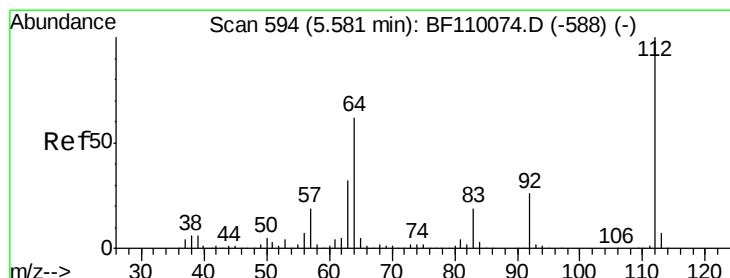
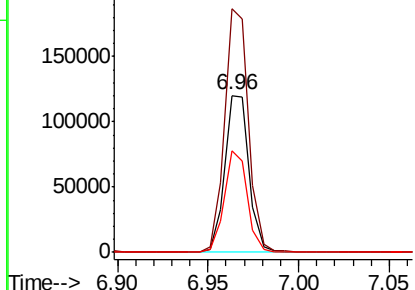
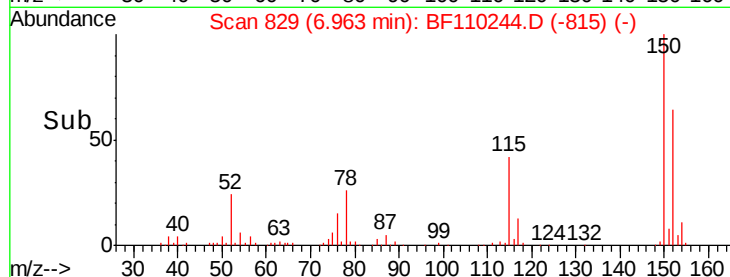


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

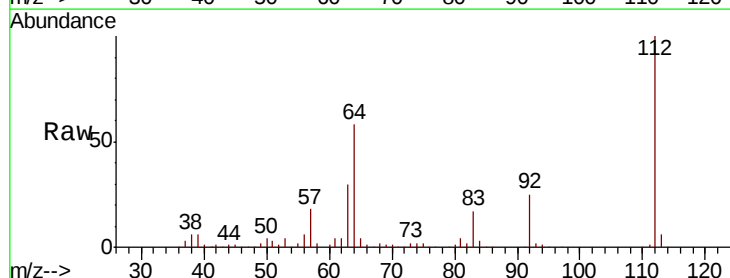
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.936 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.1	66.1
63	30.2	23.7	35.5

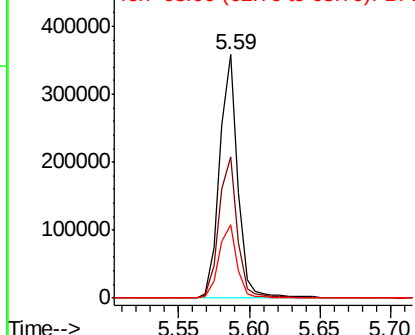
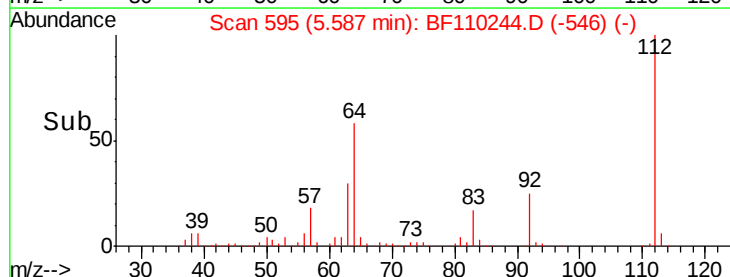


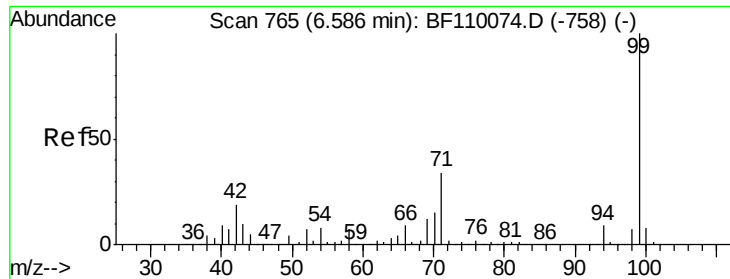
Abundance

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: 30.862 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110244.D

Acq: 27 Oct 2018 6:55

Instrument :

BNA_F

ClientSampleId :

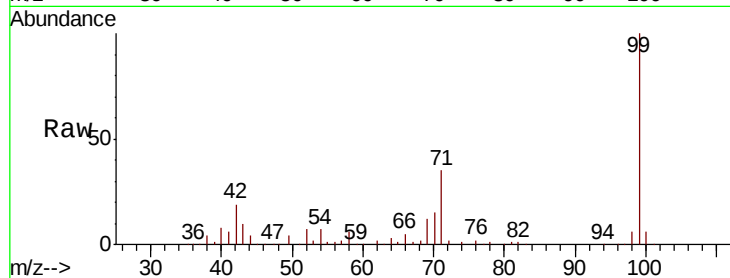
Tot Ion: 99 Resp: 271144

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

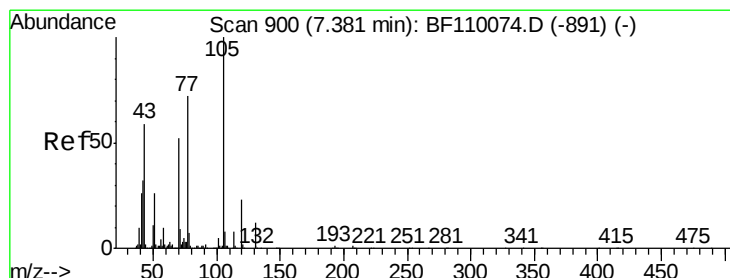
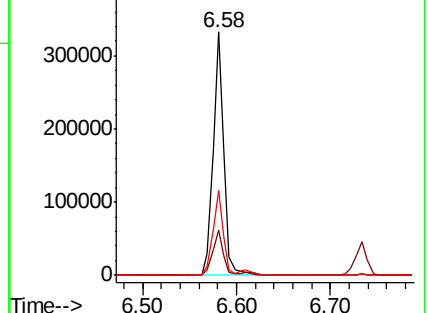
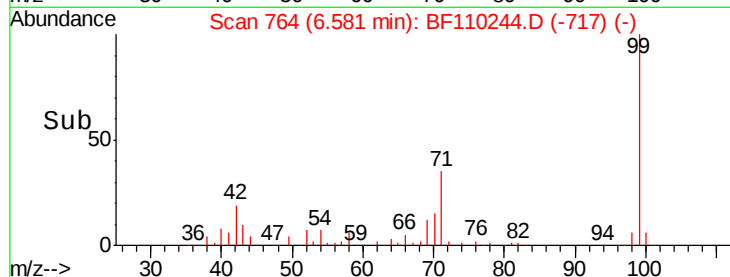
71 34.6 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.935 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110244.D

Acq: 27 Oct 2018 6:55

Tgt Ion: 70 Resp: 95453

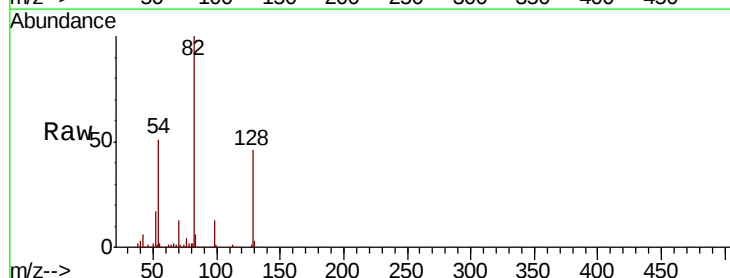
Ion Ratio Lower Upper

70 100

42 48.3 47.4 71.2

101 0.0 7.3 10.9#

130 2.6 16.2 24.2#

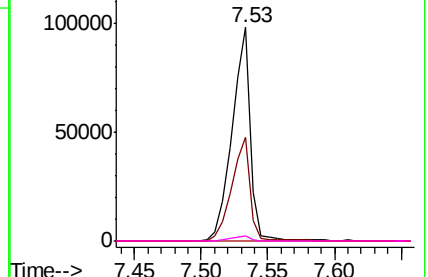
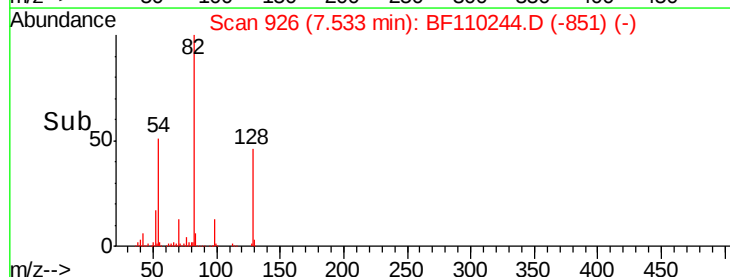


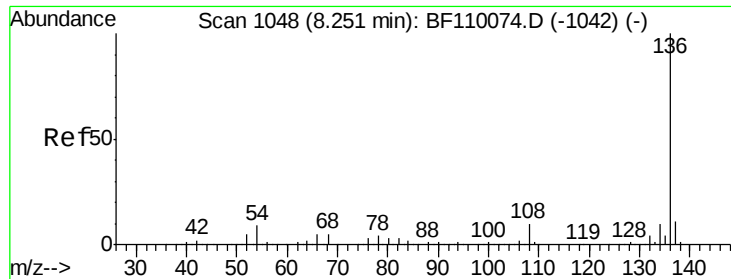
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

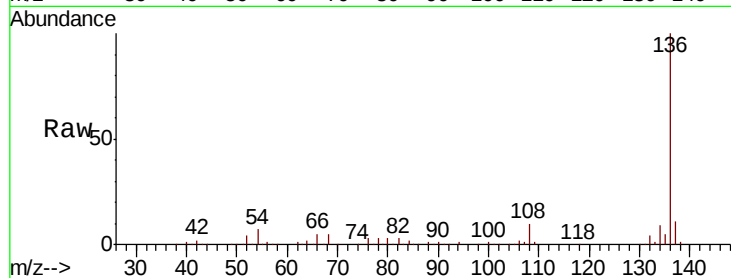




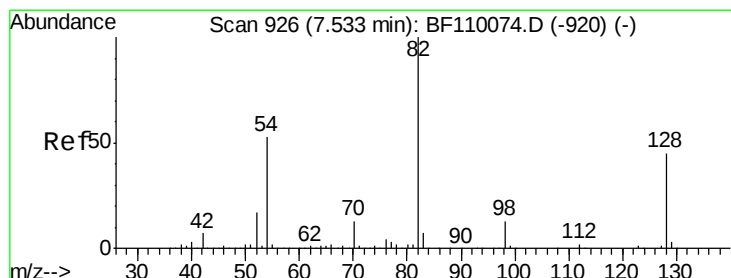
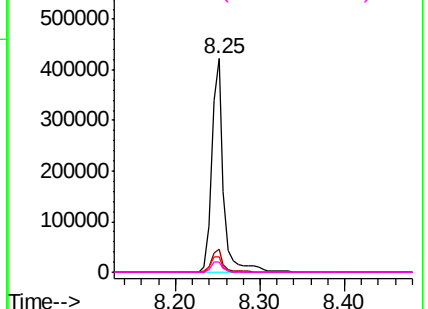
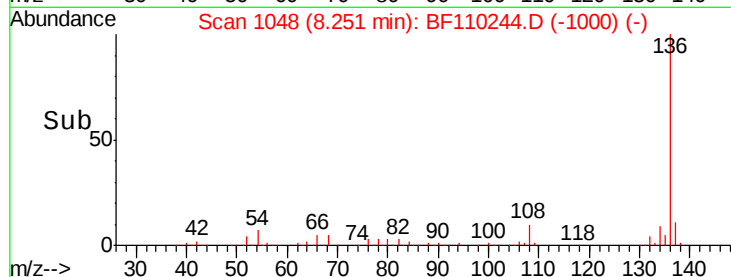
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 413756
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.0 5.4 8.2
68 4.9 4.2 6.2

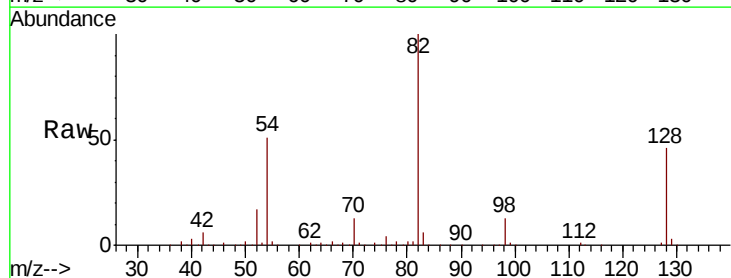


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

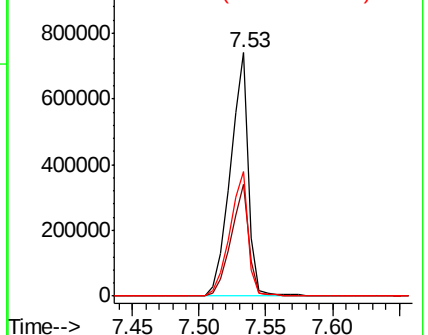
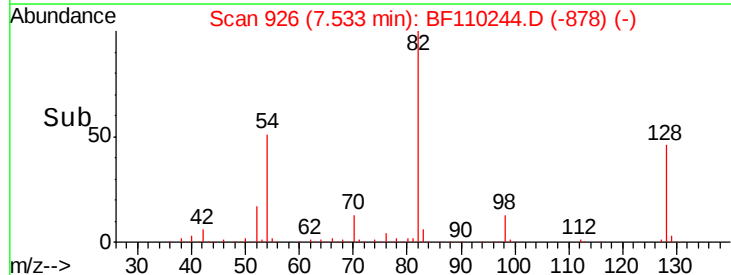


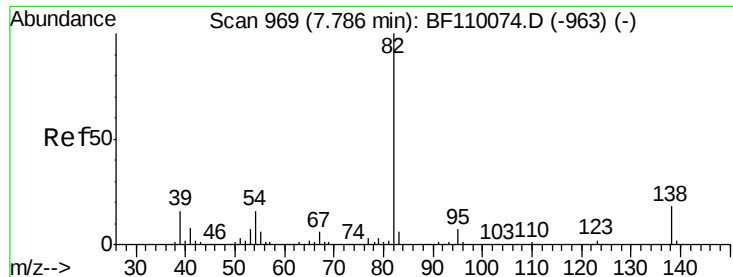
#23
Nitrobenzene-d5
Concen: 102.132 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

Tgt Ion: 82 Resp: 712453
Ion Ratio Lower Upper
82 100
128 45.7 34.2 51.2
54 51.0 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

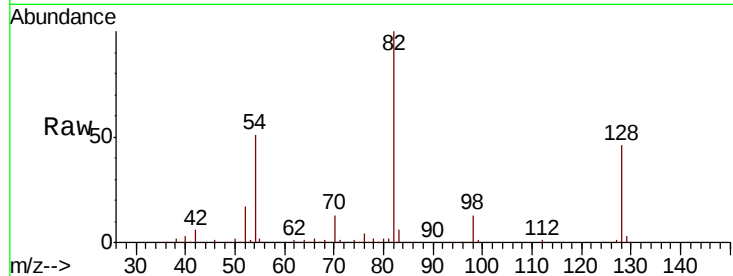




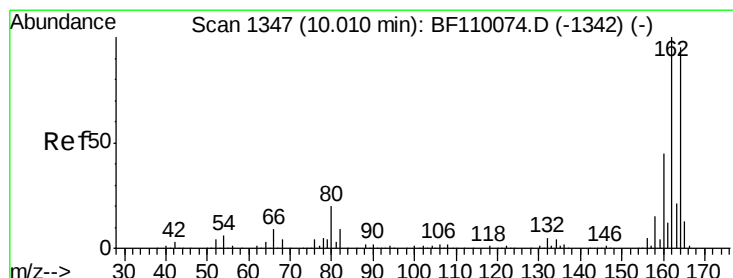
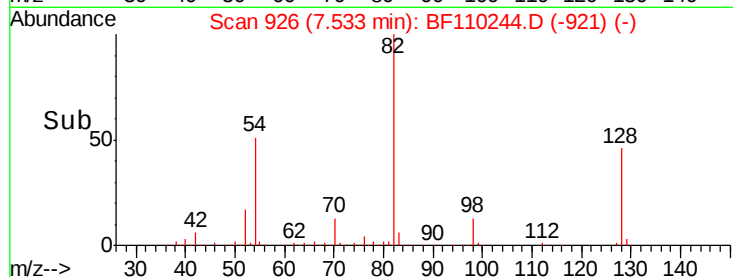
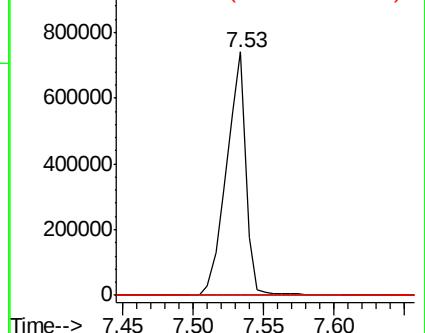
#25
Isophorone
Concen: 59.914 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 712441
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

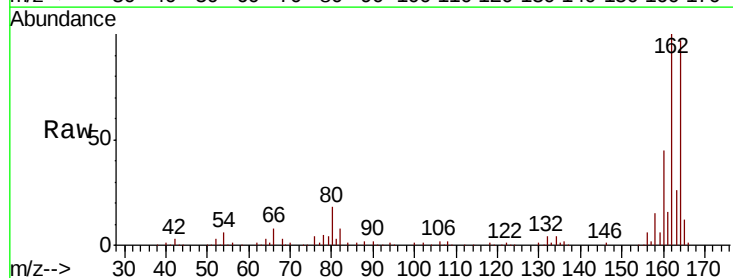


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

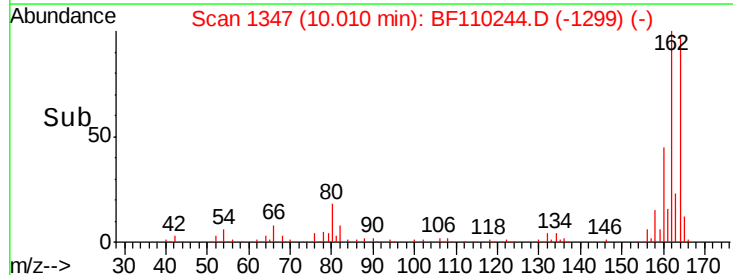
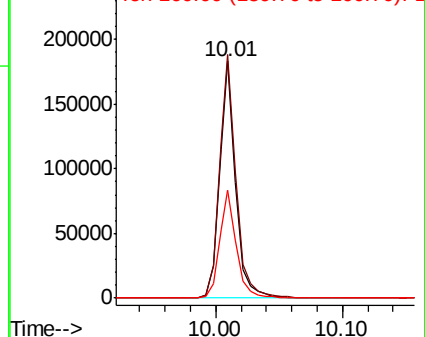


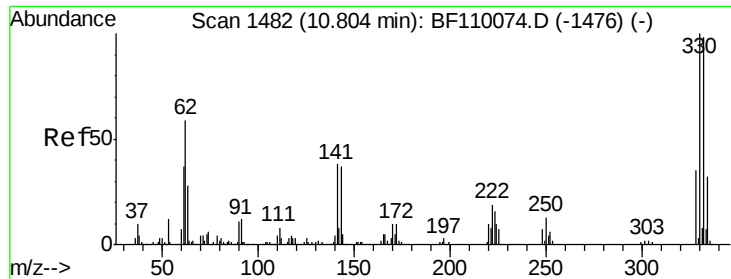
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

Tgt Ion:164 Resp: 162900
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.6
160 45.8 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

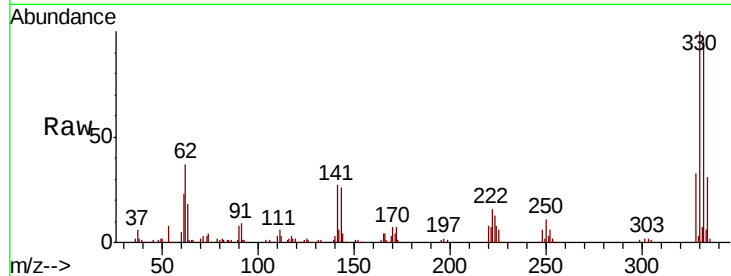




#42
 2,4,6-Tribromophenol
 Concen: 79.736 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110244.D
 Acq: 27 Oct 2018 6:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	35.8	27.0	40.4

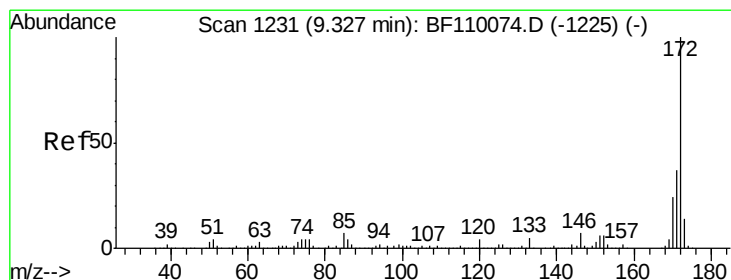
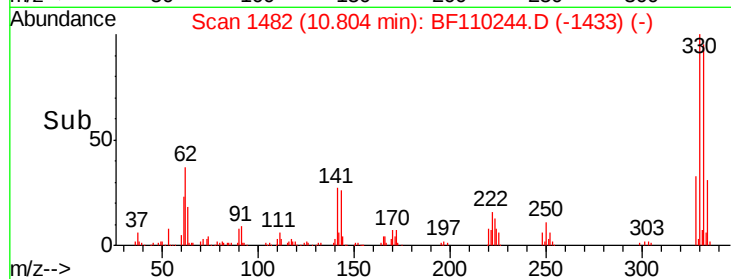
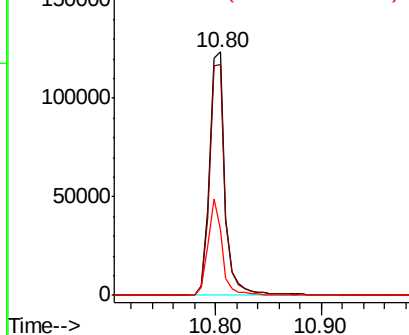


Abundance

Ion 329.80 (329.50 to 330.50): E

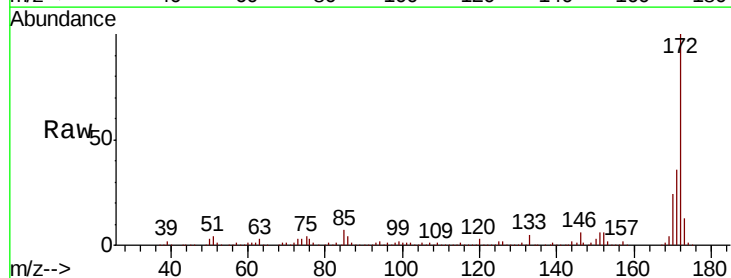
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 113.603 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110244.D
 Acq: 27 Oct 2018 6:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	19.7	29.5

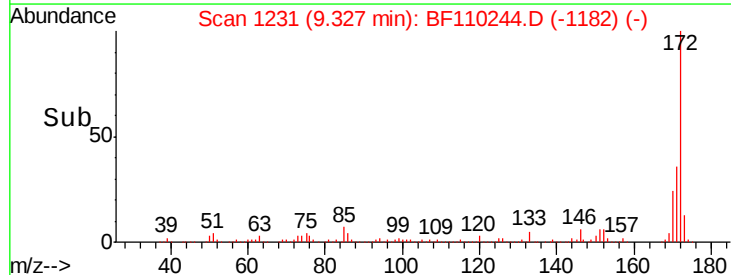
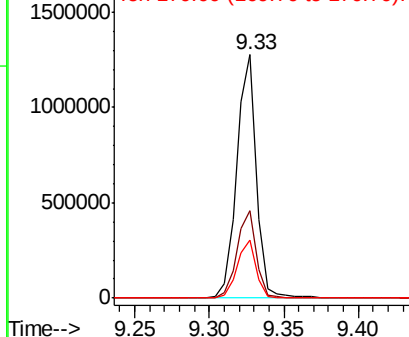


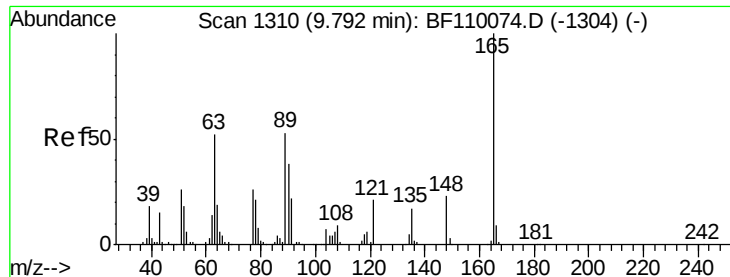
Abundance

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

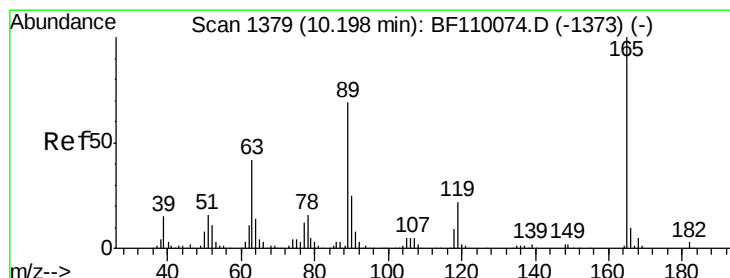
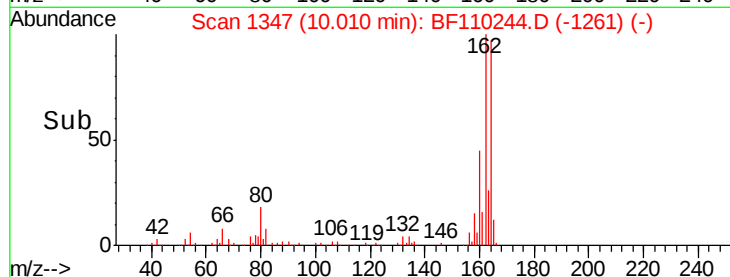
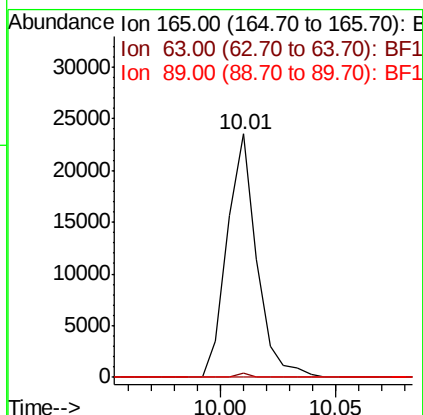
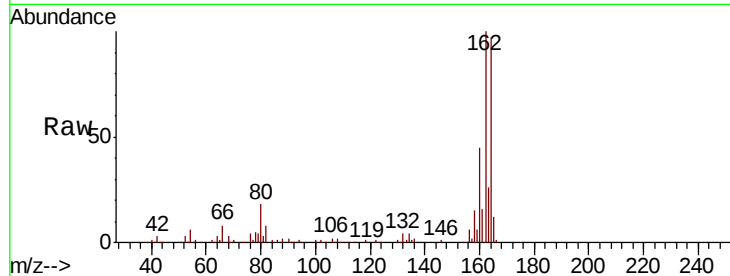




#51
2,6-Dinitrotoluene
Concen: 8.117 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

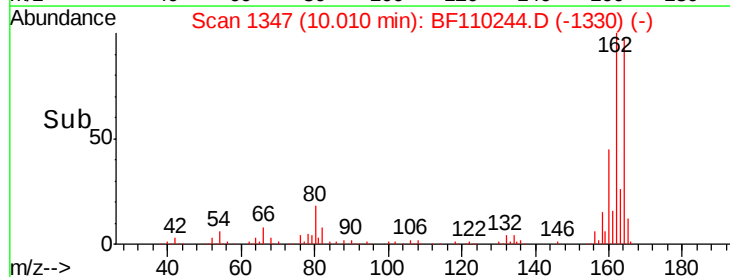
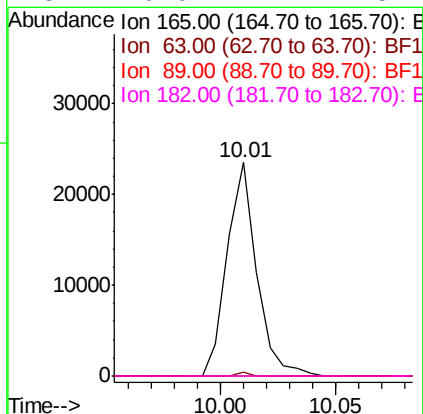
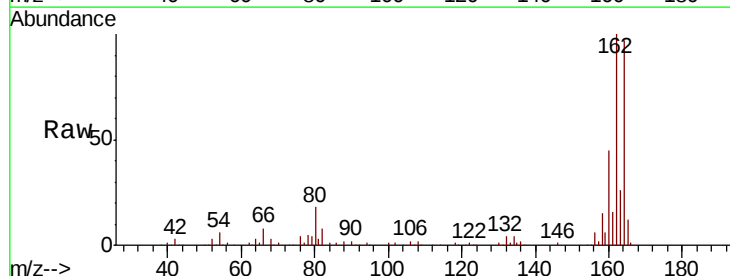
Instrument :
BNA_F
ClientSampleId :

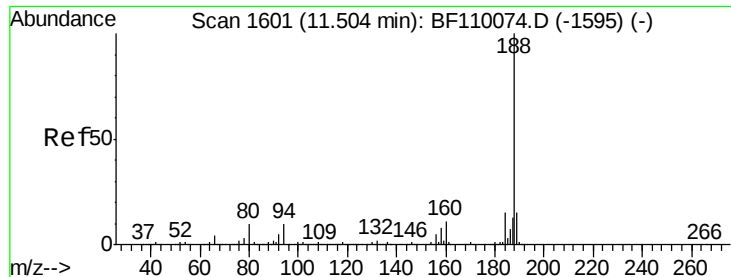
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	48.9	73.3#
89	0.0	46.6	69.8#



#57
2,4-Dinitrotoluene
Concen: 6.391 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110244.D

Acq: 27 Oct 2018 6:55

Instrument :

BNA_F

ClientSampleId :

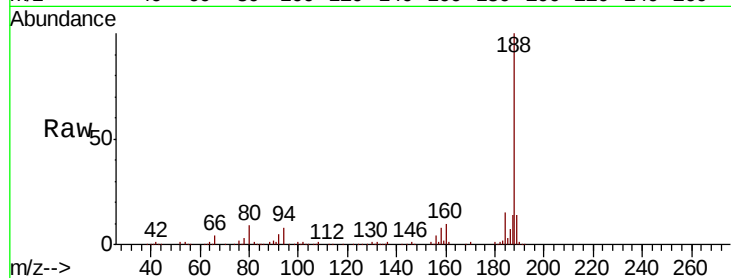
Tot Ion:188 Resp: 256263

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

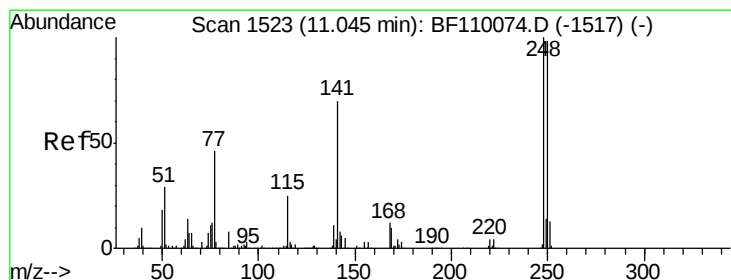
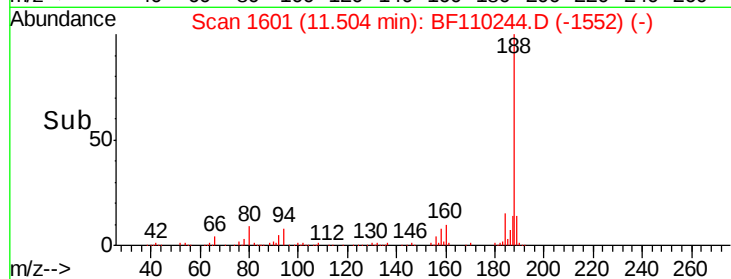
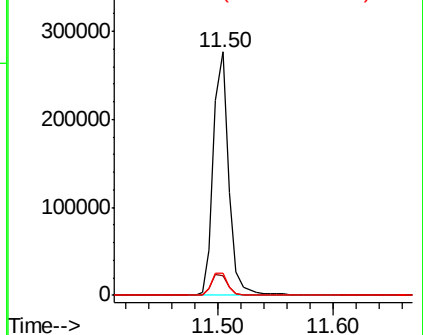
80 9.3 7.9 11.9



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: 2.961 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.26 min

Lab File: BF110244.D

Acq: 27 Oct 2018 6:55

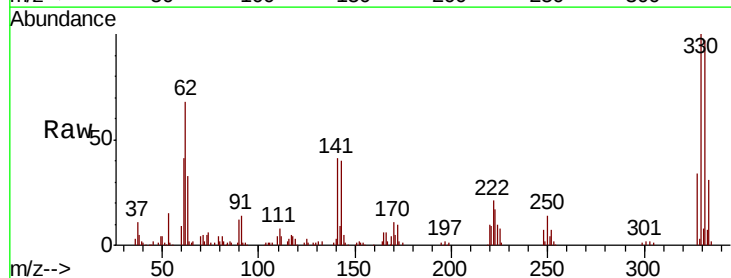
Tgt Ion:248 Resp: 8231

Ion Ratio Lower Upper

248 100

250 194.7 79.4 119.2#

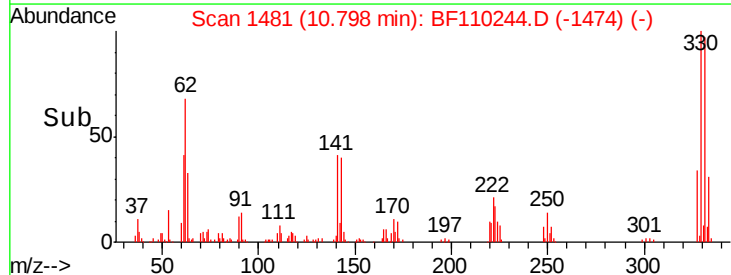
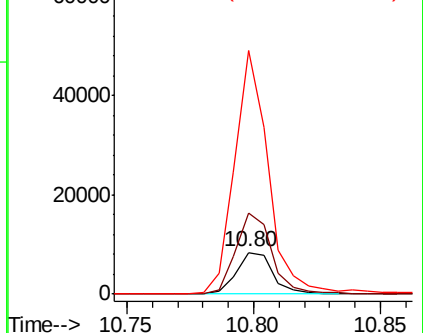
141 587.7 55.9 83.9#

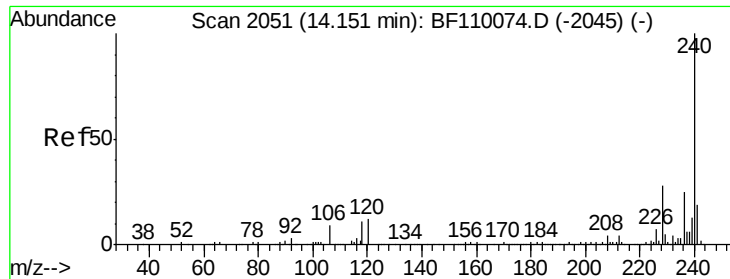


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

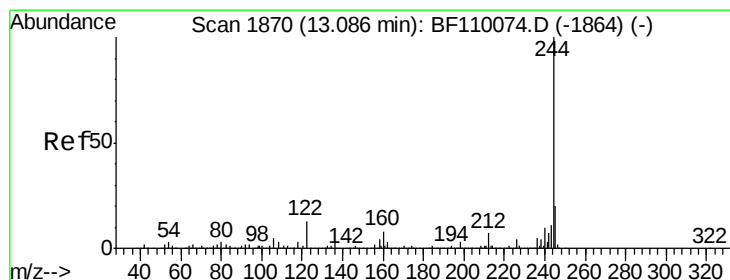
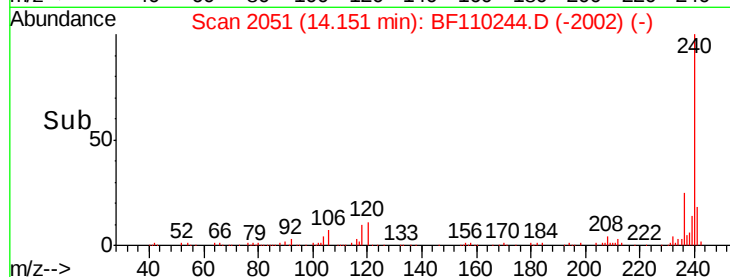
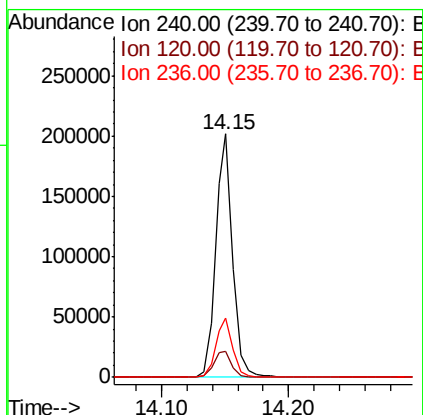
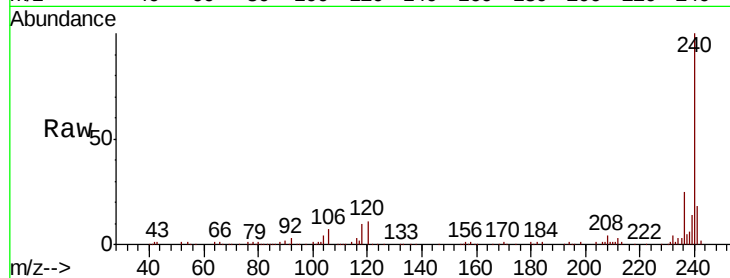




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

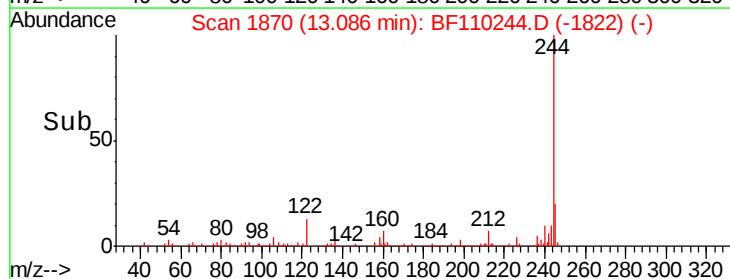
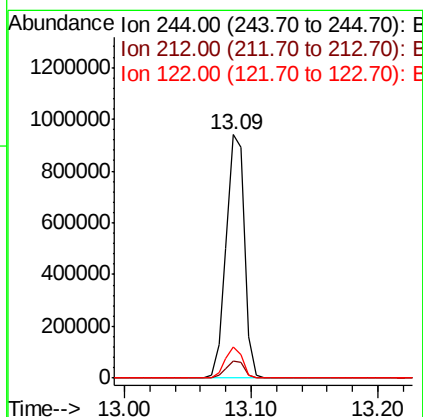
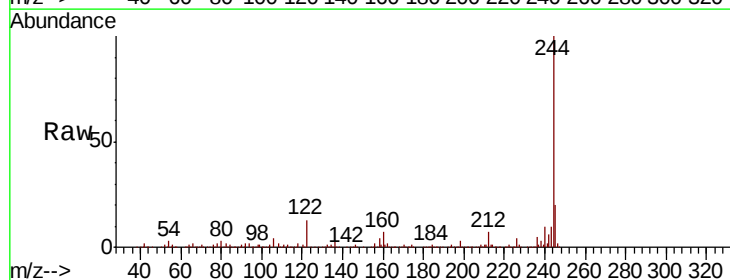
Instrument :
BNA_F
ClientSampled :

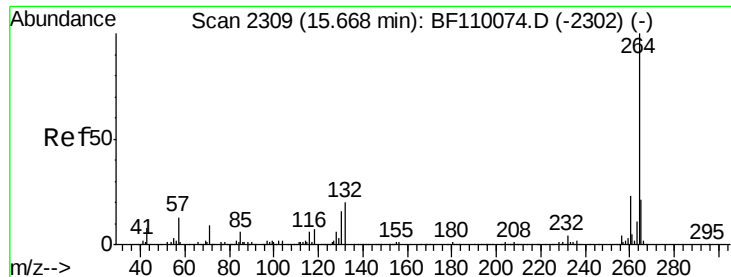
Tot Ion:240 Resp: 188591
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 24.6 21.2 31.8



#79
Terphenyl-d14
Concen: 103.514 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

Tgt Ion:244 Resp: 938677
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.9 8.7 13.1

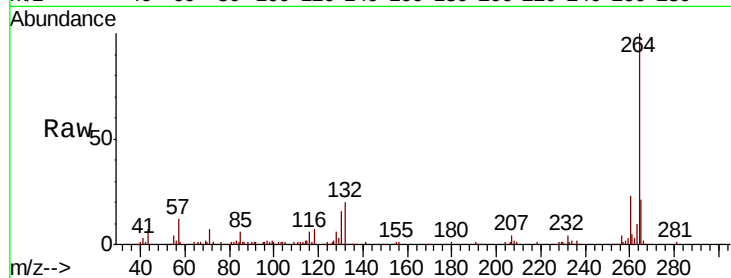




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF110244.D
 Acq: 27 Oct 2018 6:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.9	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

