

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110237.D
 Acq On : 27 Oct 2018 3:44
 Operator : JU/SJ
 Sample : J5686-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 06:31:20 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

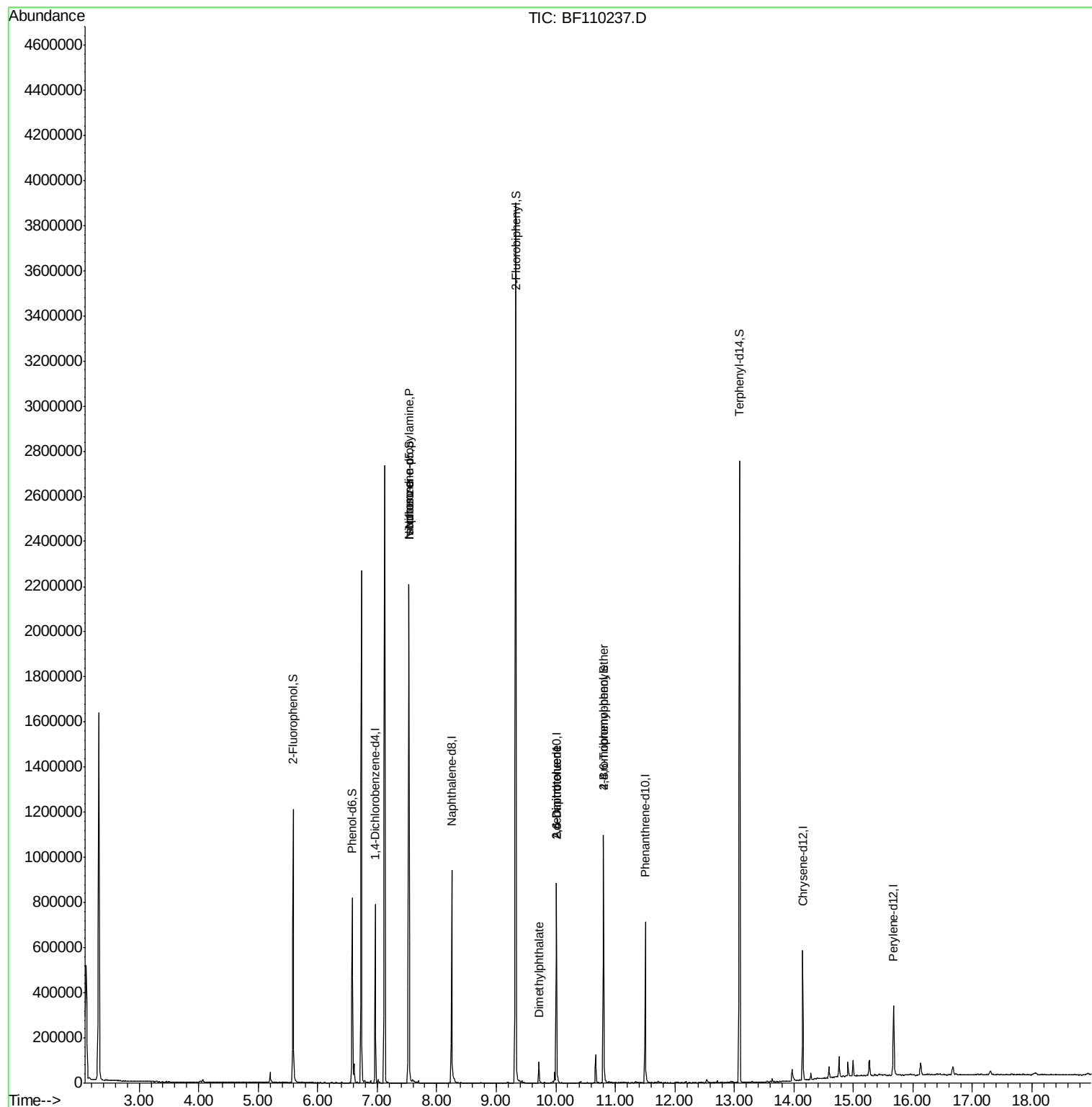
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	121594	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	443476	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	174268	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	273011	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	201737	20.00	ng	-0.01
87) Perylene-d12	15.68	264	131614	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	323546	43.33	ng	-0.01
7) Phenol-d6	6.58	99	246860	25.85	ng	-0.02
23) Nitrobenzene-d5	7.53	82	766807	102.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	131435	76.14	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1253696	112.97	ng	-0.01
79) Terphenyl-d14	13.09	244	967708	99.76	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	102103	16.664	ng	# 79
25) Isophorone	7.53	82	766802	60.164	ng	# 67
50) Dimethylphthalate	9.72	163	43120	3.352	ng	# 97
51) 2,6-Dinitrotoluene	10.01	165	21264	7.674	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	21264	6.042	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8360	2.823	ng	# 1

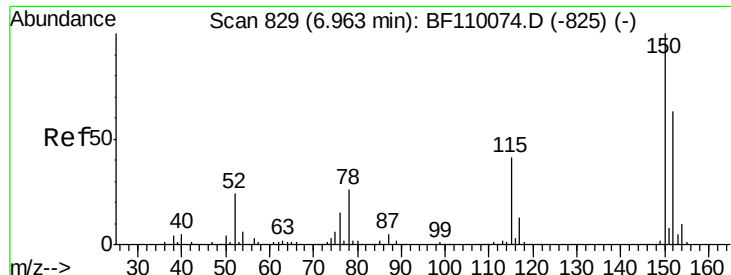
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110237.D
Acq On : 27 Oct 2018 3:44
Operator : JU/SJ
Sample : J5686-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 27 06:31:20 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



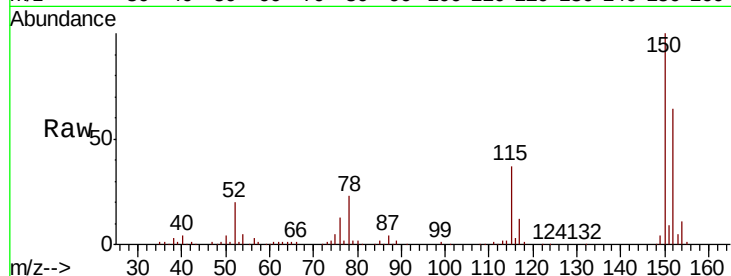


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.7	184.1
115	57.9	49.1	73.7

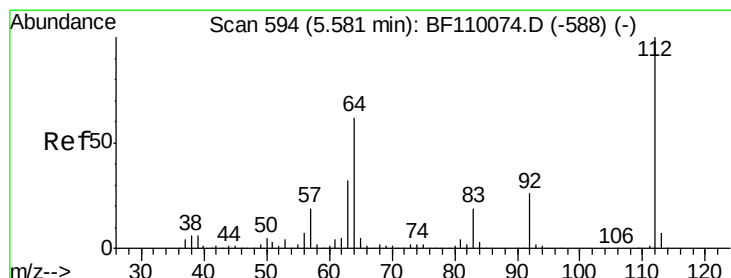
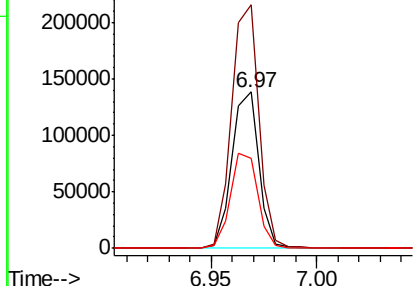
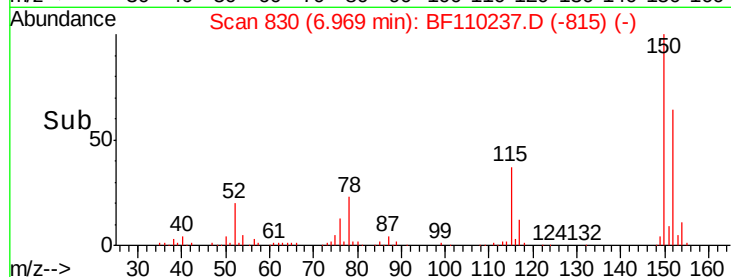


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

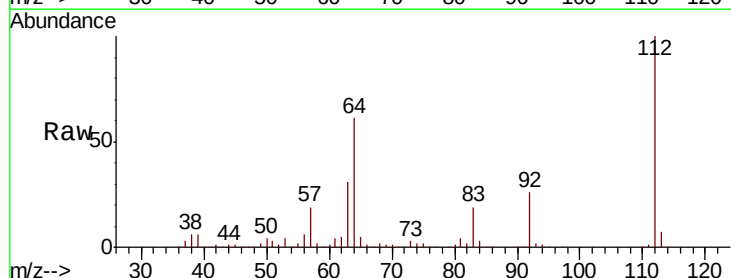
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.331 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	31.4	23.7	35.5

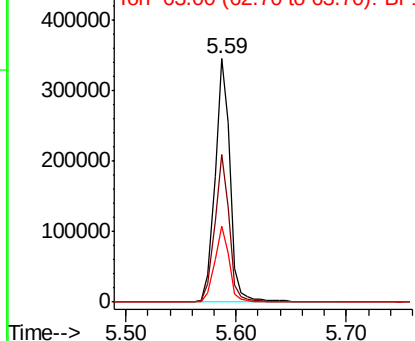
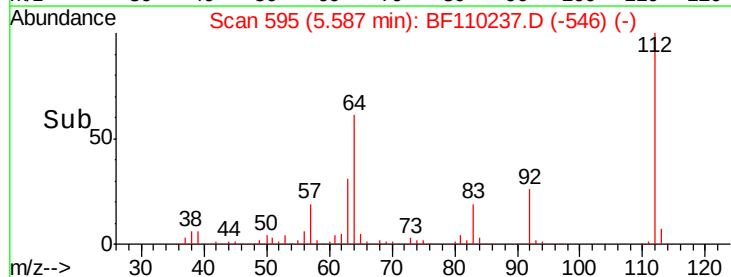


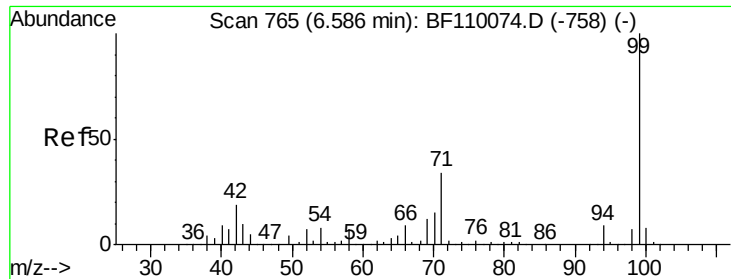
Abundance

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: 25.847 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110237.D

Acq: 27 Oct 2018 3:44

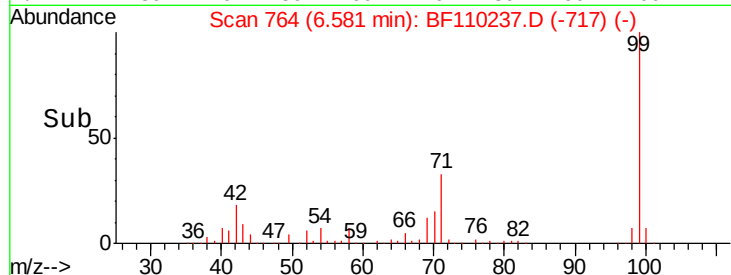
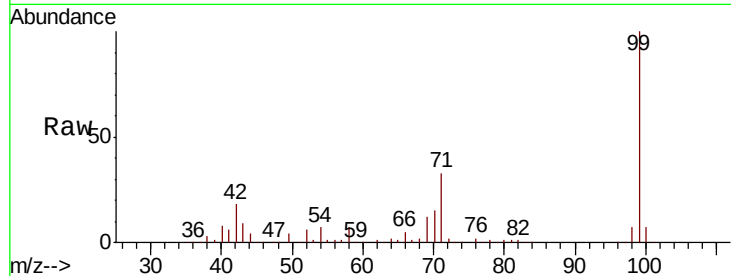
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 246860

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	33.2	28.0	42.0

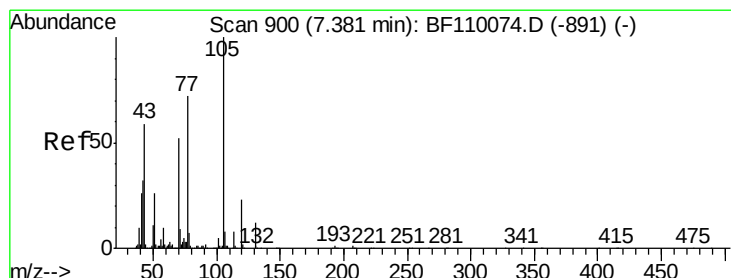
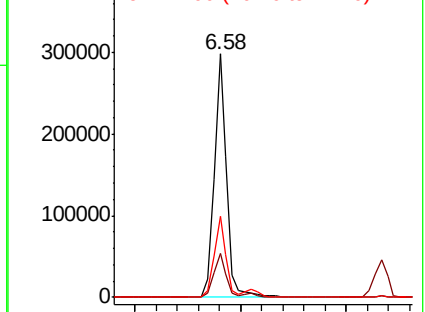


Abundance

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: 16.664 ng

RT: 7.53 min Scan# 926

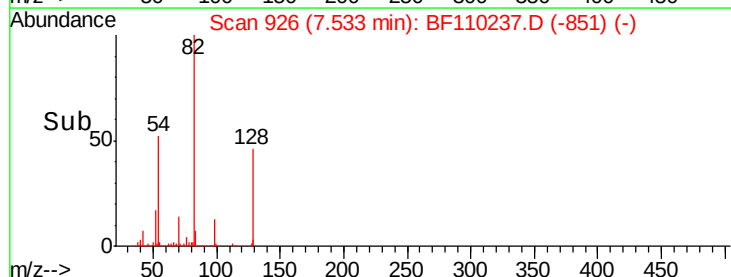
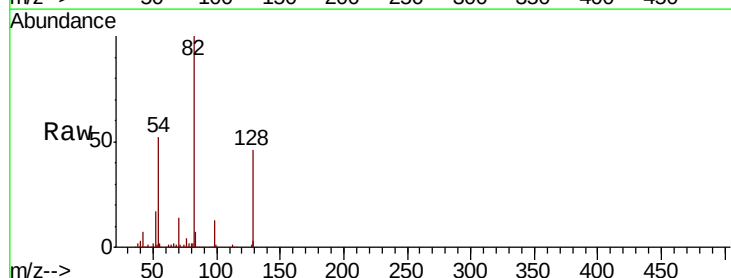
Delta R.T. 0.14 min

Lab File: BF110237.D

Acq: 27 Oct 2018 3:44

Tgt Ion: 70 Resp: 102103

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



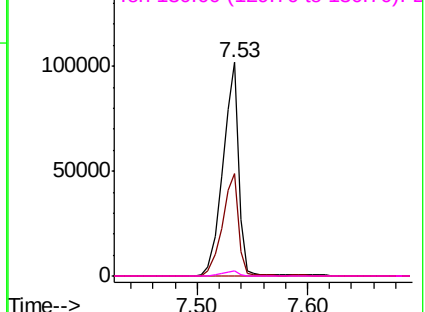
Abundance

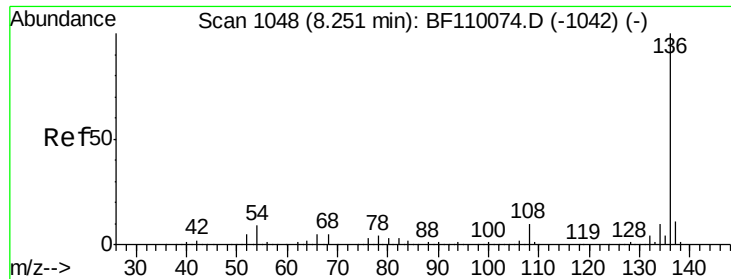
Ion 70.00 (69.70 to 70.70): BF1

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

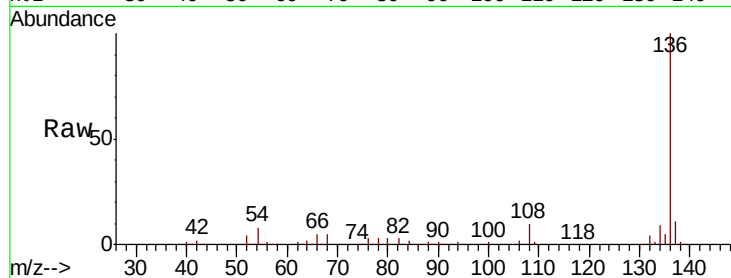




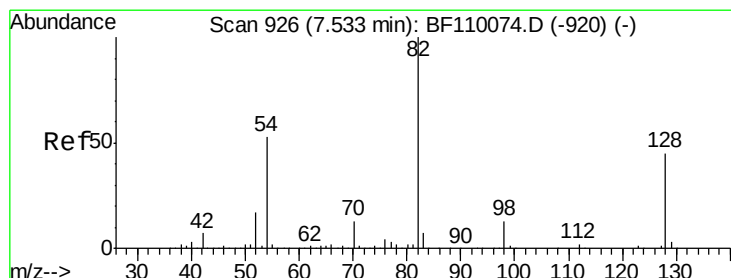
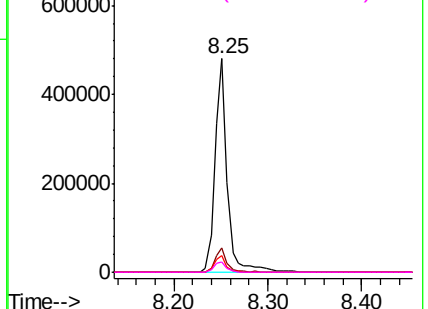
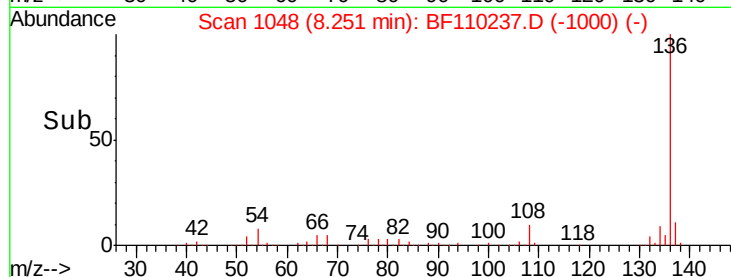
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	443476
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	7.6	5.4 8.2
68	5.1	4.2 6.2

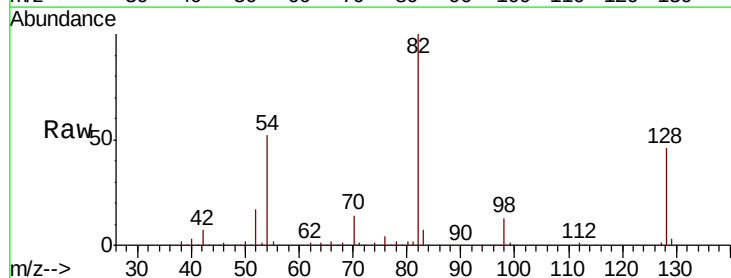


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

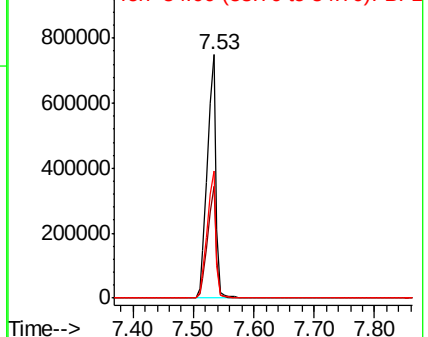
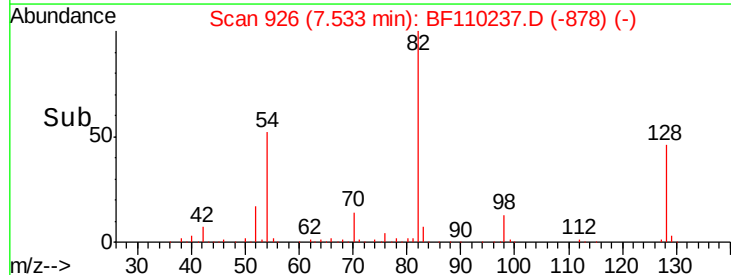


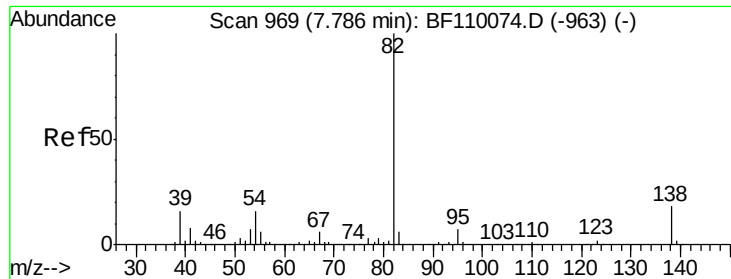
#23
Nitrobenzene-d5
Concen: 102.557 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion: 82	Resp:	766807
Ion	Ratio	Lower Upper
82	100	
128	45.9	34.2 51.2
54	52.0	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: 60.164 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110237.D

Acq: 27 Oct 2018 3:44

Instrument :

BNA_F

ClientSampleId :

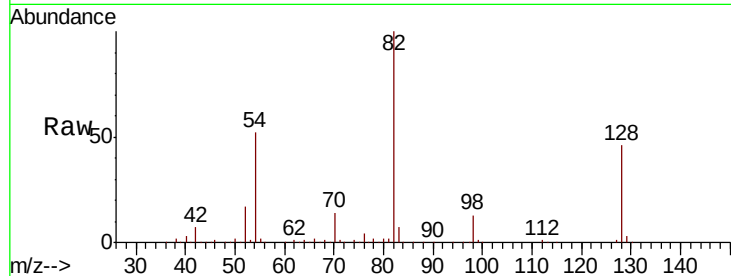
Tot Ion: 82 Resp: 766802

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

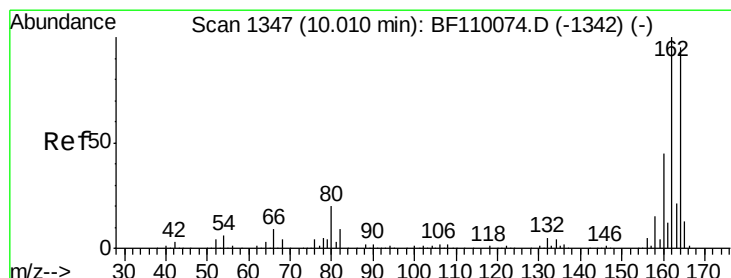
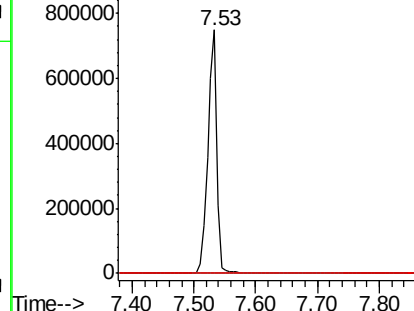
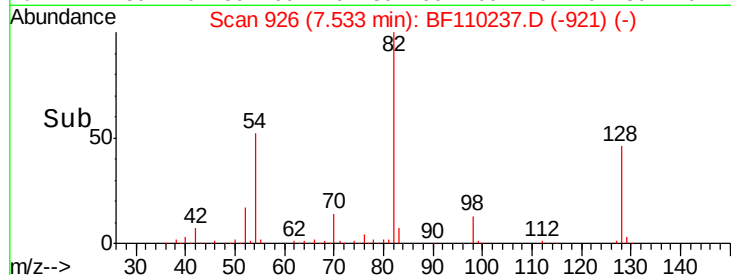
138 0.0 13.2 19.8#



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: BF110237.D

Acq: 27 Oct 2018 3:44

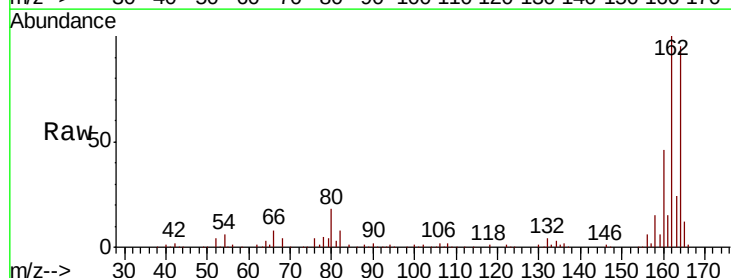
Tgt Ion: 164 Resp: 174268

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

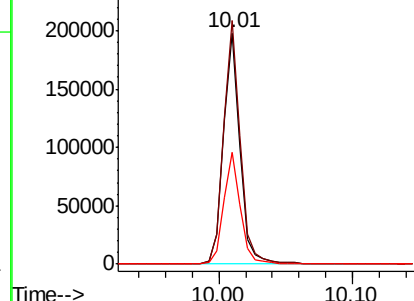
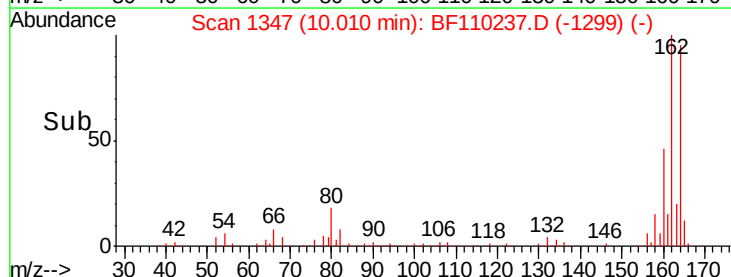
160 48.3 37.0 55.6

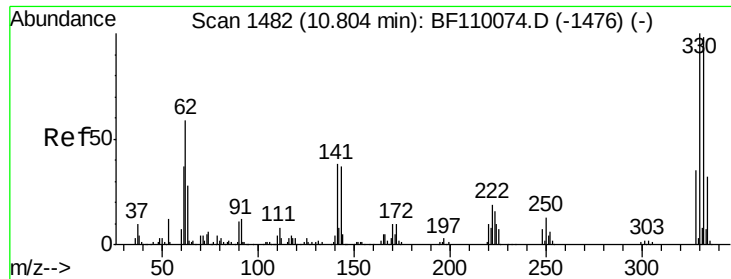


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

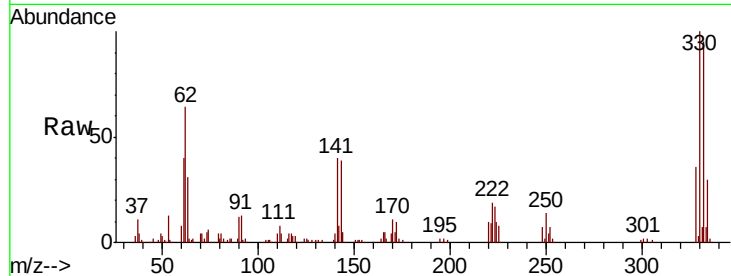




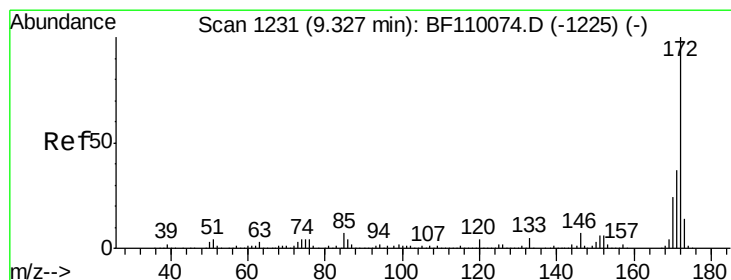
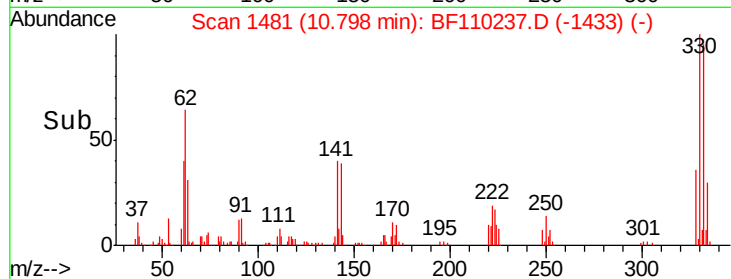
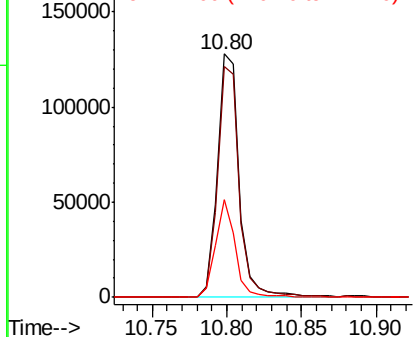
#42
 2,4,6-Tribromophenol
 Concen: 76.139 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110237.D
 Acq: 27 Oct 2018 3:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	35.6	27.0	40.4

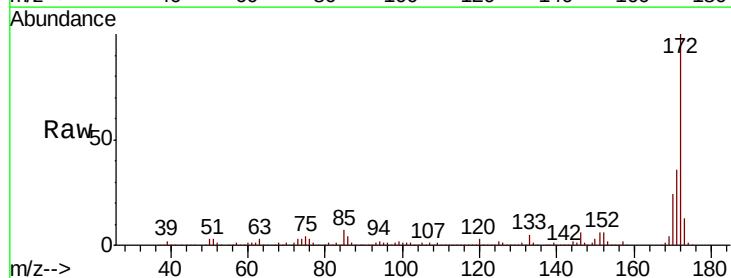


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

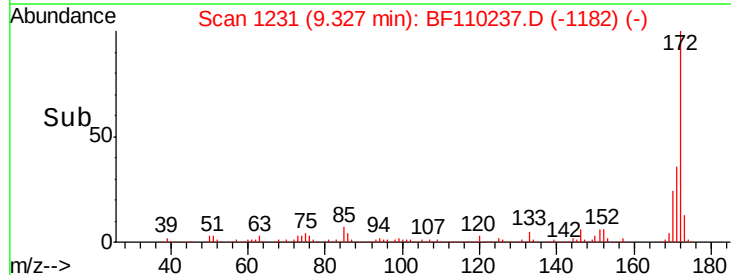
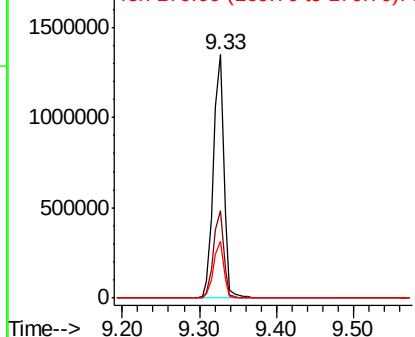


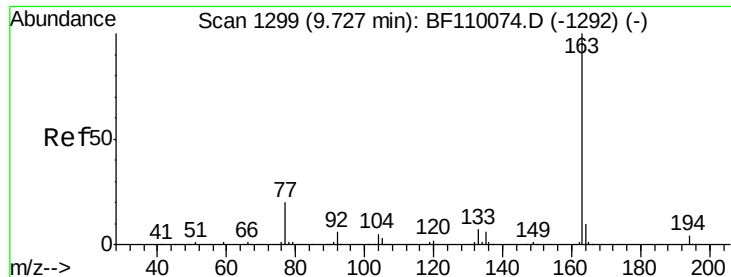
#45
 2-Fluorobiphenyl
 Concen: 112.965 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110237.D
 Acq: 27 Oct 2018 3:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.6	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: 3.352 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110237.D

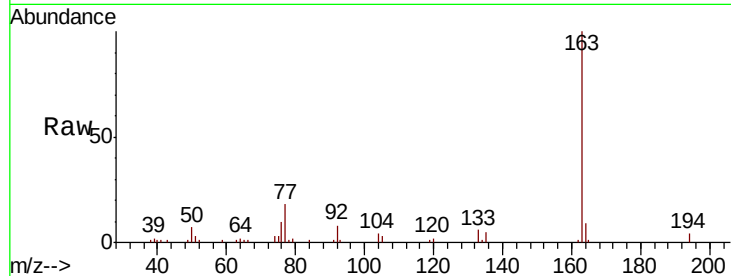
Acq: 27 Oct 2018 3:44

Instrument :

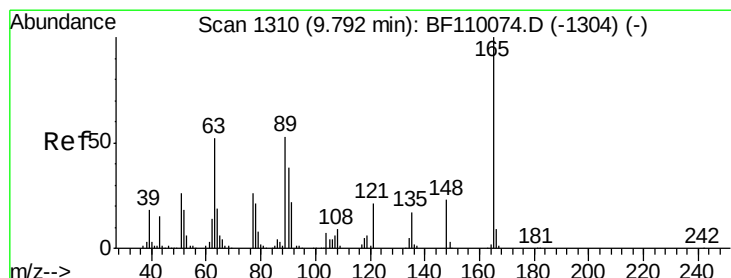
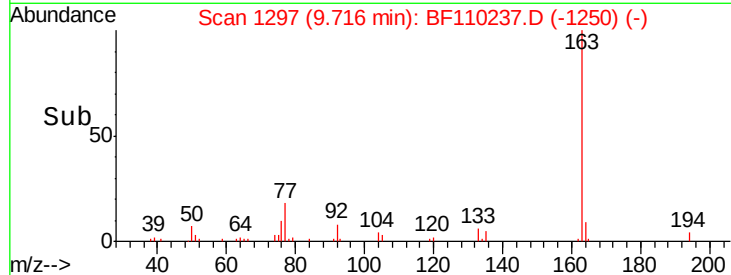
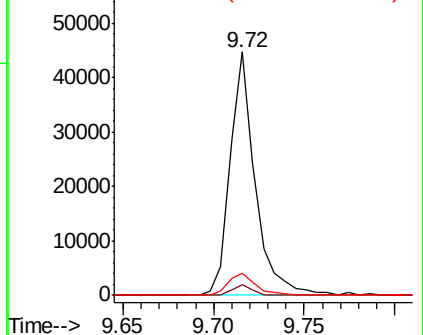
BNA_F

ClientSampleId :

Tot Ion:163	Resp:	43120
Ion Ratio	Lower	Upper
163	100	
194	4.5	3.2 4.8
164	8.9	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: 7.674 ng

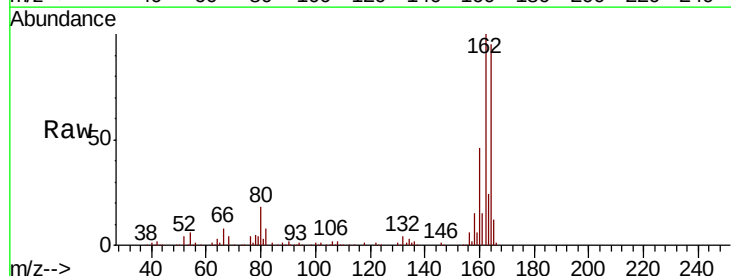
RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

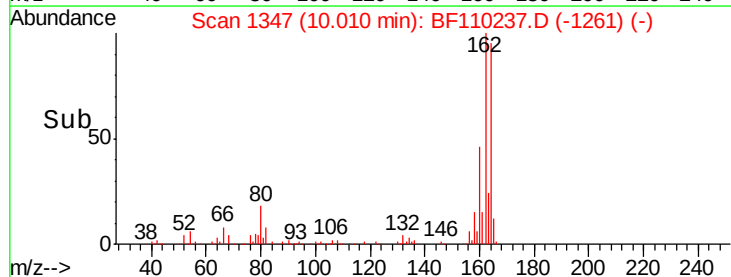
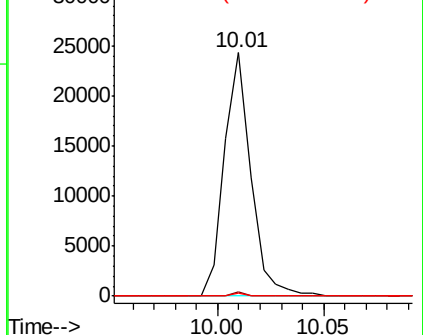
Lab File: BF110237.D

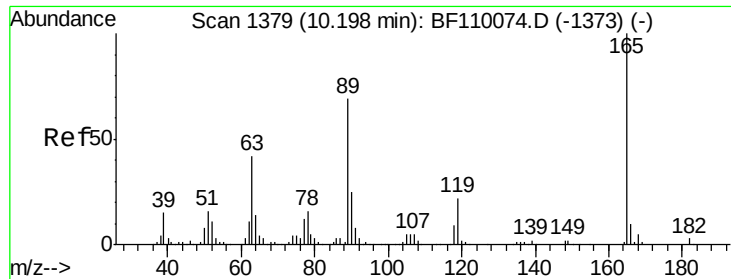
Acq: 27 Oct 2018 3:44

Tgt Ion:165	Resp:	21264
Ion Ratio	Lower	Upper
165	100	
63	1.5	48.9 73.3#
89	1.3	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

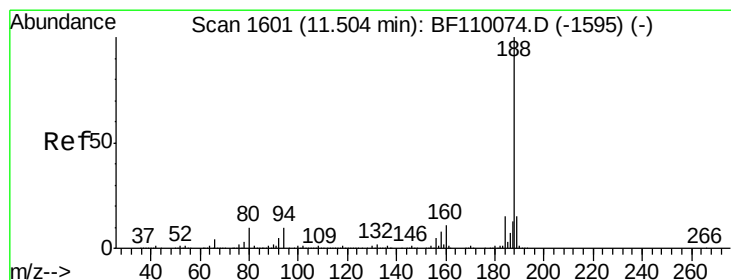
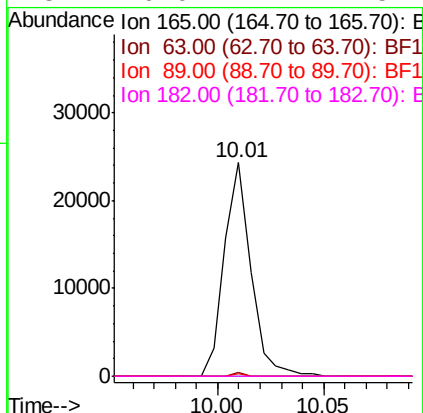
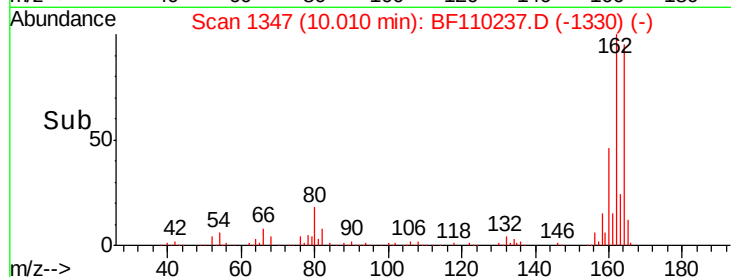
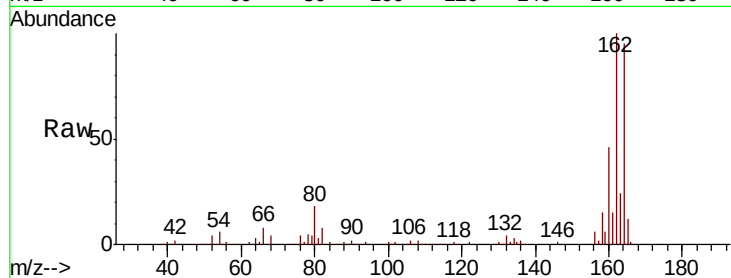




#57
 2,4-Dinitrotoluene
 Concen: 6.042 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110237.D
 Acq: 27 Oct 2018 3:44

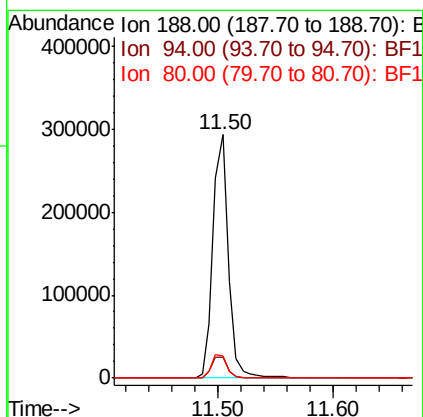
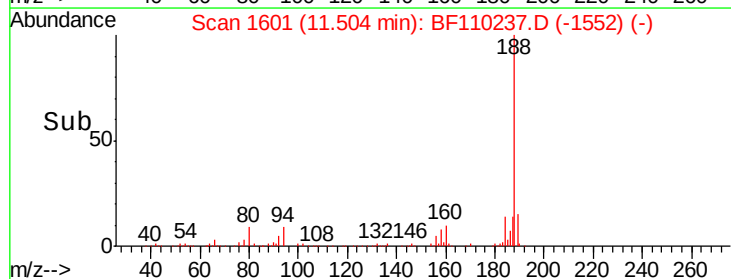
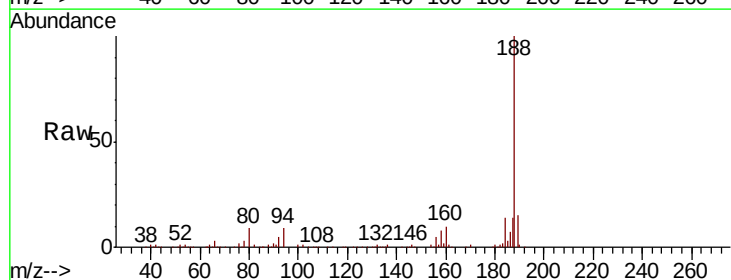
Instrument :
 BNA_F
 ClientSampleId :

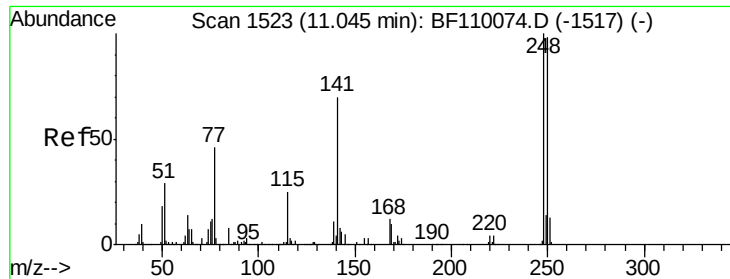
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110237.D
 Acq: 27 Oct 2018 3:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.1	7.9	11.9

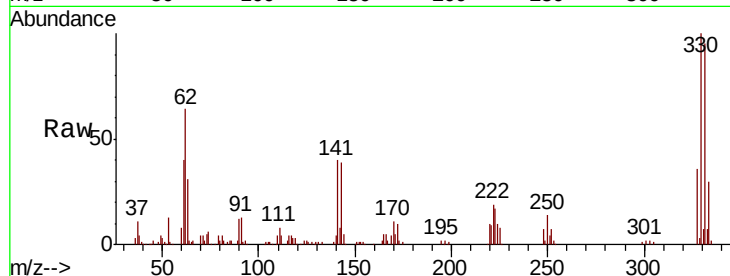




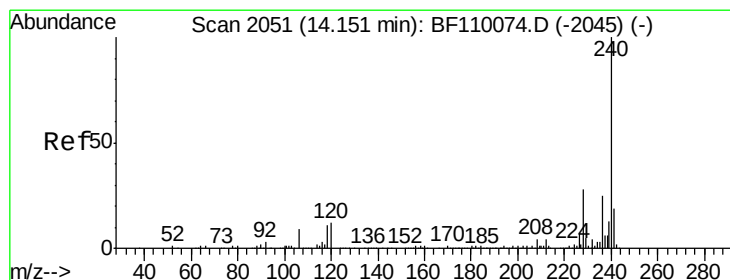
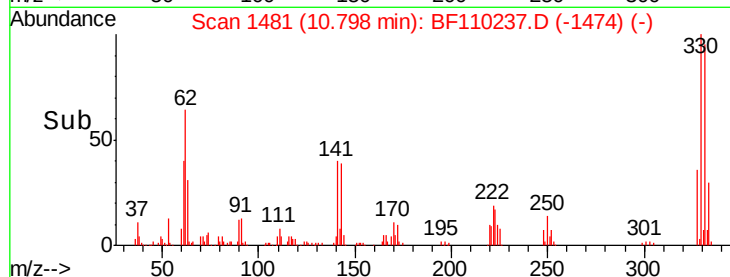
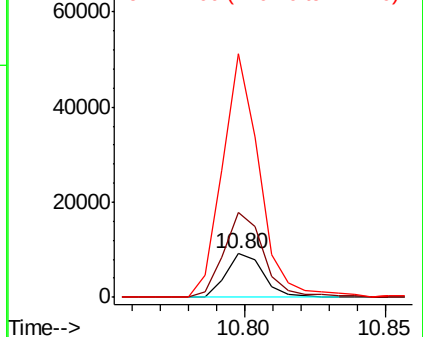
#67
4-Bromophenyl-phenylether
Concen: 2.823 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8360
Ion Ratio Lower Upper
248 100
250 194.0 79.4 119.2#
141 558.9 55.9 83.9#

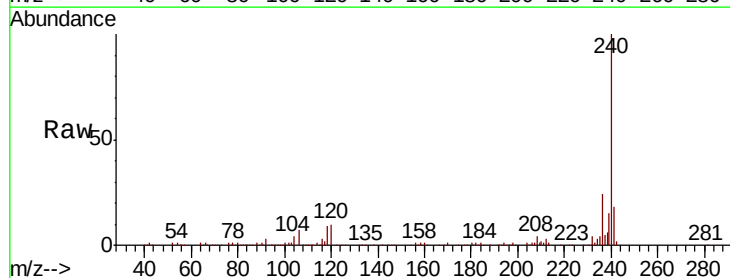


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

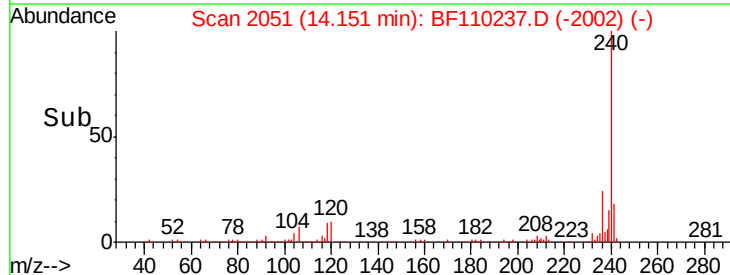
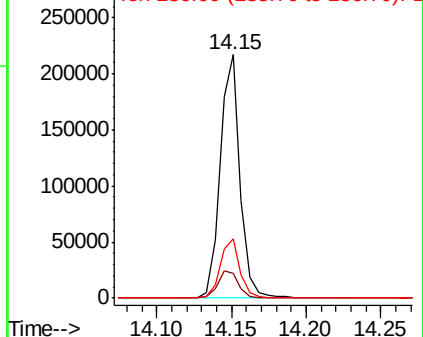


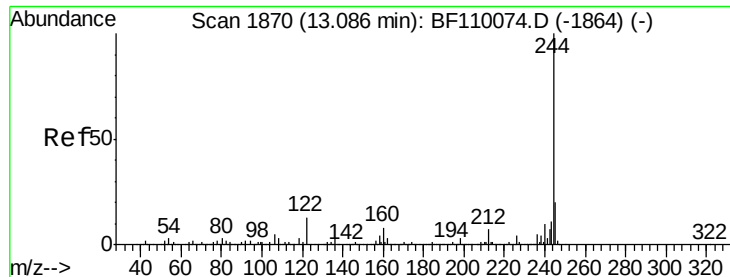
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion:240 Resp: 201737
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 24.4 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: 99.761 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110237.D

Acq: 27 Oct 2018 3:44

Instrument :

BNA_F

ClientSampled :

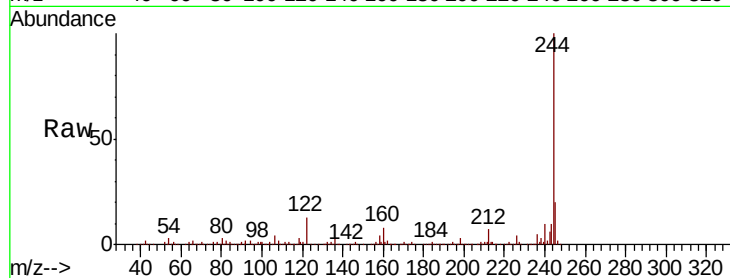
Tot Ion:244 Resp: 967708

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

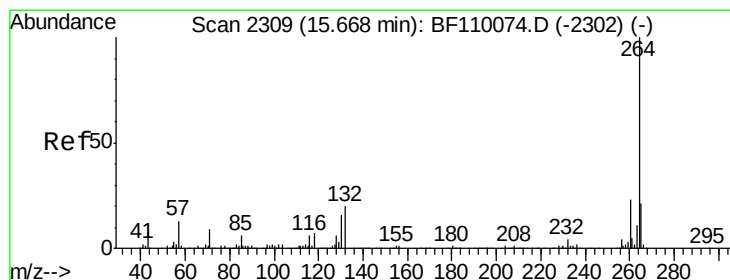
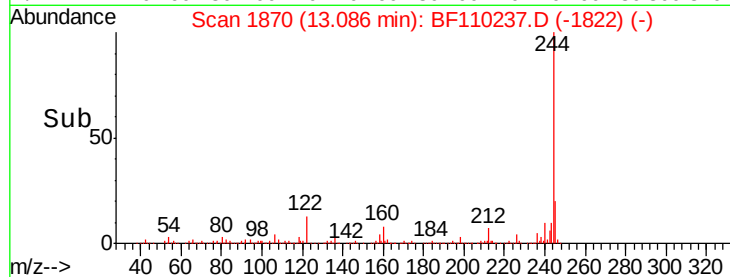
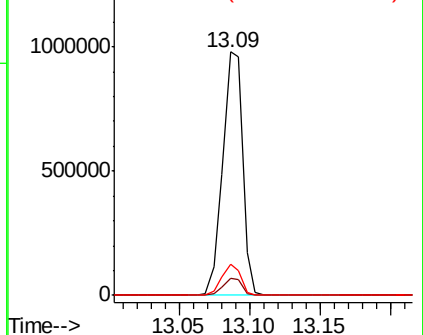
122 12.9 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110237.D

Acq: 27 Oct 2018 3:44

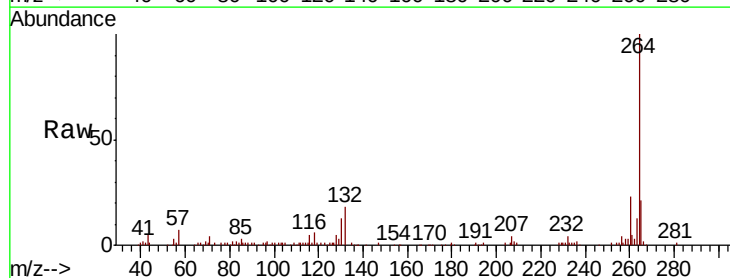
Tgt Ion:264 Resp: 131614

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 20.8 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

