

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110242.D
 Acq On : 27 Oct 2018 6:00
 Operator : JU/SJ
 Sample : J5686-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 06:32:16 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

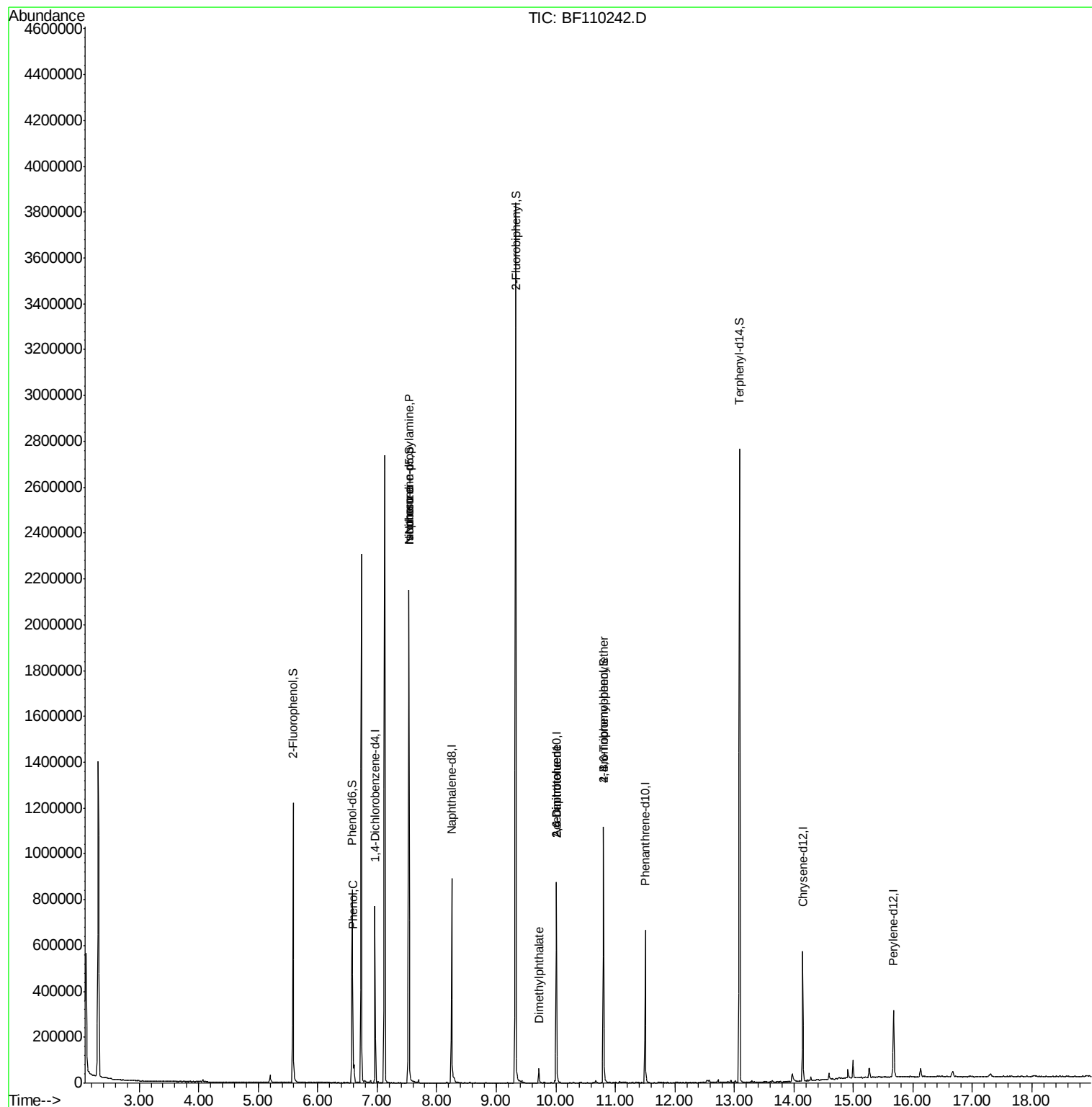
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118581	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	435357	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	169581	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	264474	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	194814	20.00	ng	-0.01
87) Perylene-d12	15.67	264	131065	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	321352	44.13	ng	-0.01
7) Phenol-d6	6.58	99	251241	26.97	ng	-0.02
23) Nitrobenzene-d5	7.53	82	748582	101.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	134671	80.17	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1217659	112.75	ng	-0.01
79) Terphenyl-d14	13.09	244	951430	101.57	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.59	77	504	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	31428	3.157 ng	#	67
19) n-Nitroso-di-n-propylamine	7.53	70	100007	16.737 ng	#	78
25) Isophorone	7.53	82	748644	59.835 ng	#	67
50) Dimethylphthalate	9.72	163	32141	2.568 ng		99
51) 2,6-Dinitrotoluene	10.01	165	21553	7.993 ng	#	22
57) 2,4-Dinitrotoluene	10.01	165	21553	6.293 ng	#	18
67) 4-Bromophenyl-phenylether	10.80	248	8344	2.909 ng	#	1

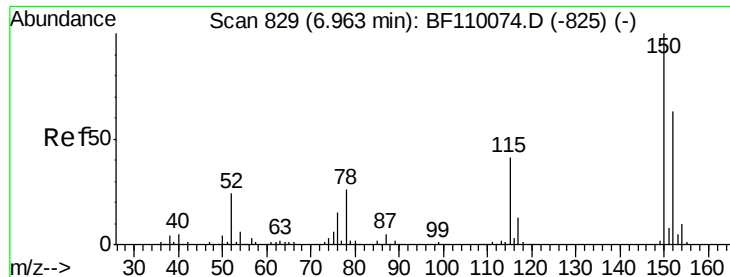
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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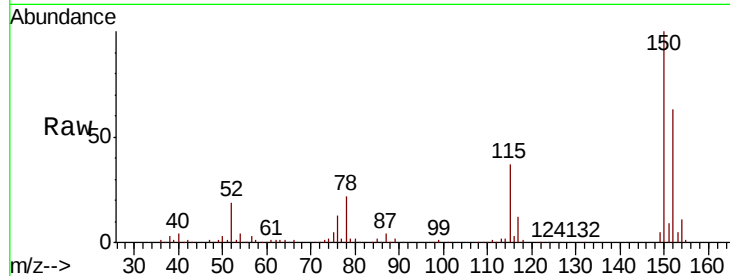


#1

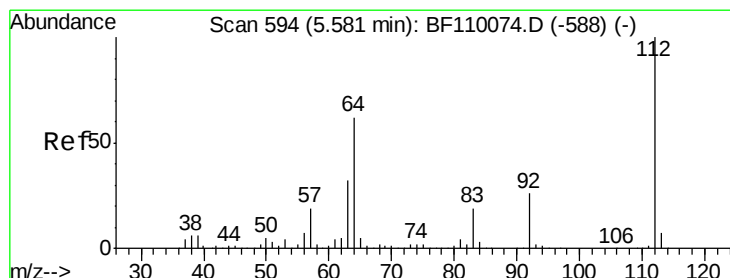
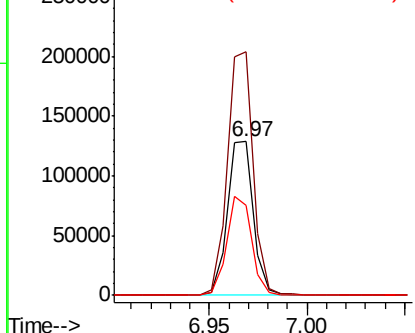
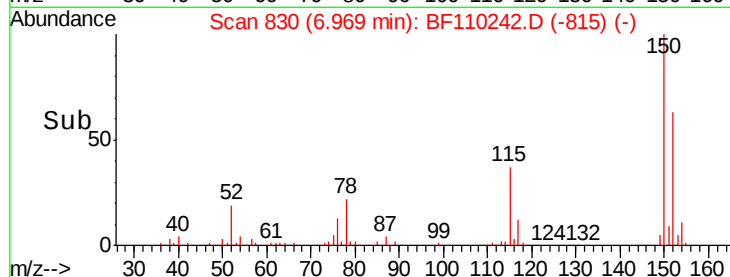
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118581
Ion Ratio Lower Upper
152 100
150 158.3 122.7 184.1
115 58.8 49.1 73.7



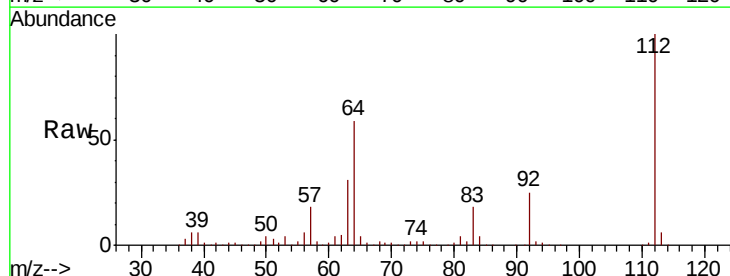
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



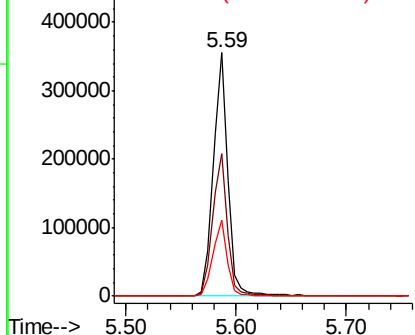
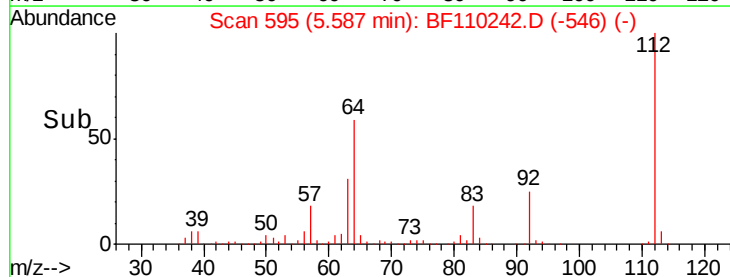
#5

2-Fluorophenol
Concen: 44.131 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Tgt Ion:112 Resp: 321352
Ion Ratio Lower Upper
112 100
64 58.6 44.1 66.1
63 31.0 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: 26.975 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

Instrument :

BNA_F

ClientSampleId :

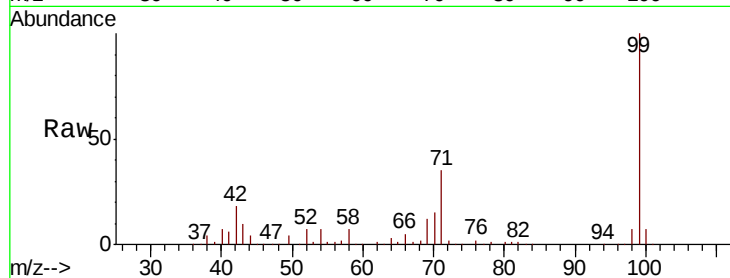
Tot Ion: 99 Resp: 251241

Ion Ratio Lower Upper

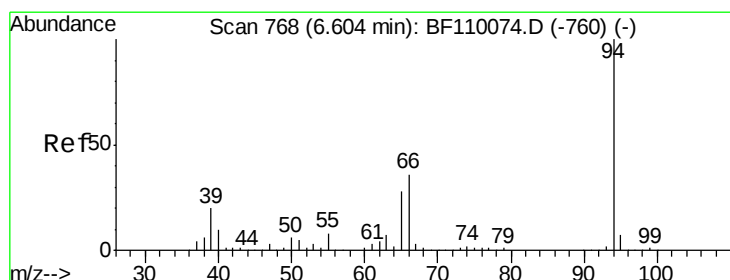
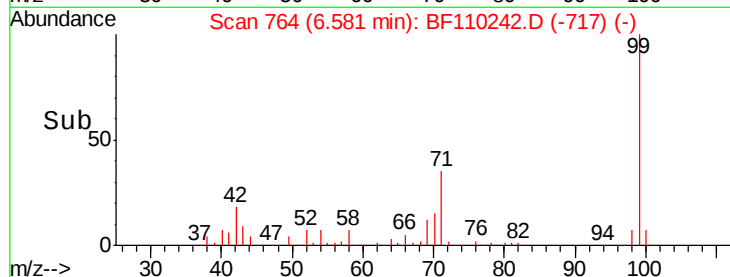
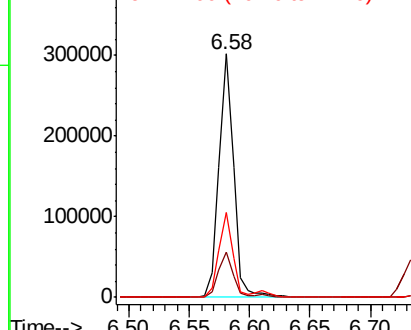
99 100

42 18.5 15.8 23.6

71 35.0 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: 3.157 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

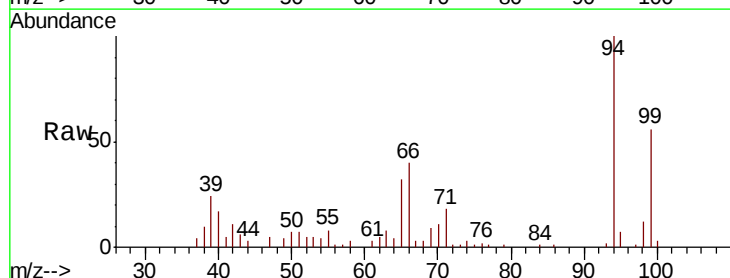
Tgt Ion: 94 Resp: 31428

Ion Ratio Lower Upper

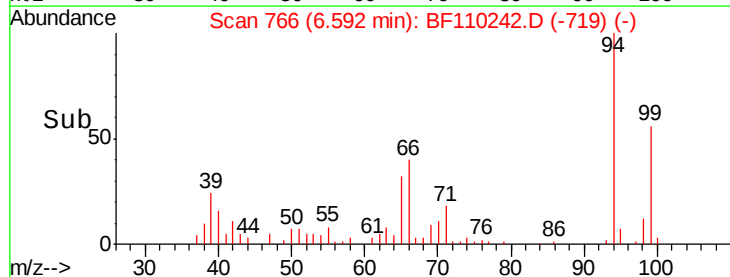
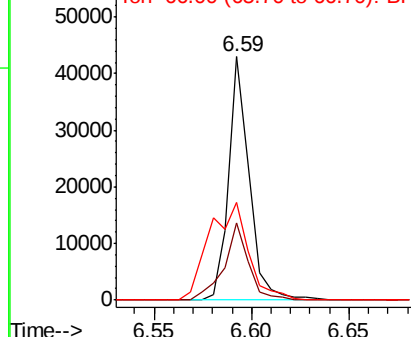
94 100

65 31.7 25.3 65.3

66 40.1 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

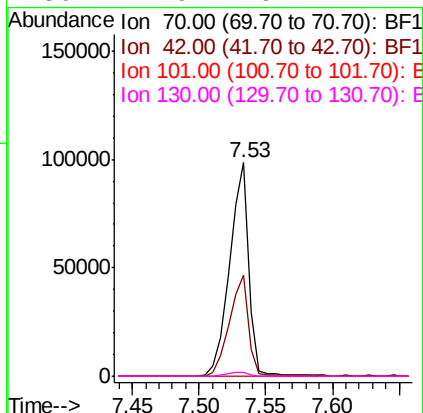
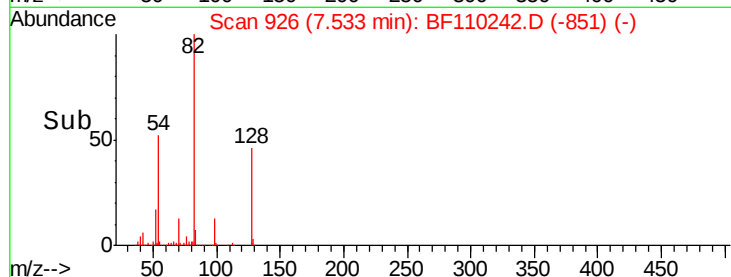
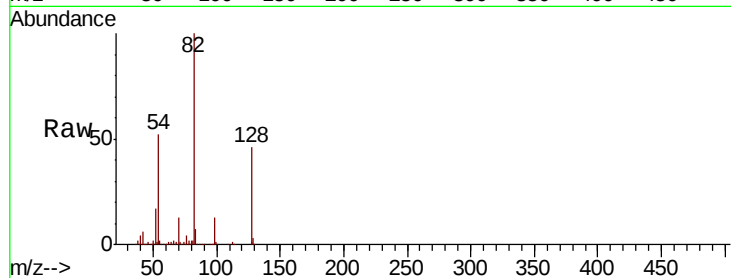




#19
n-Nitroso-di-n-propylamine
Concen: 16.737 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

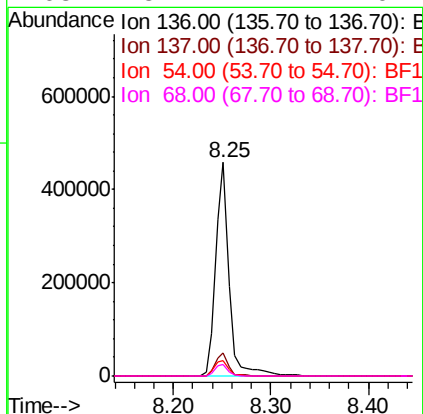
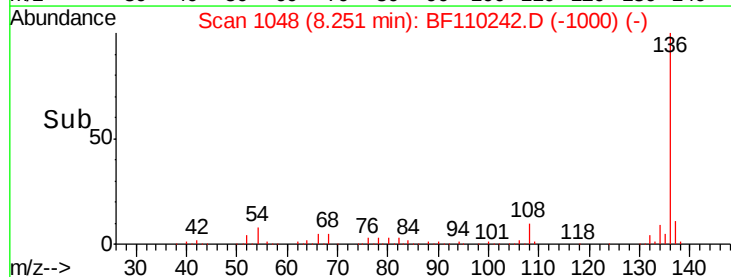
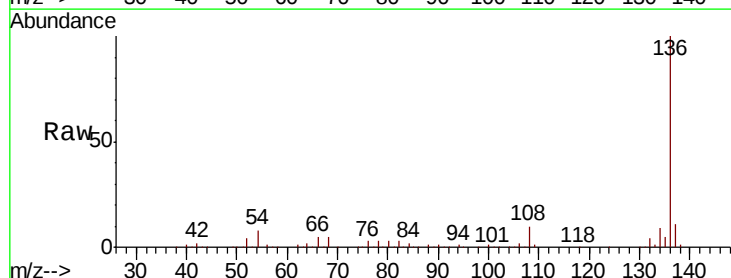
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.5	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: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	5.4	8.2
68	5.1	4.2	6.2

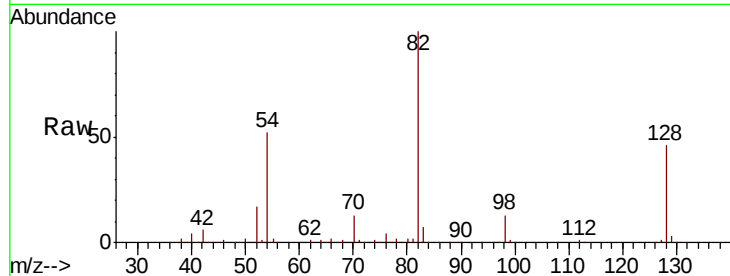




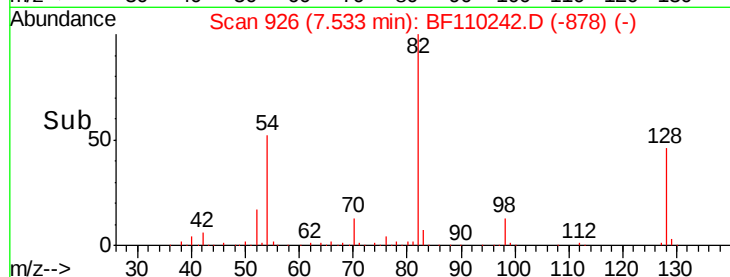
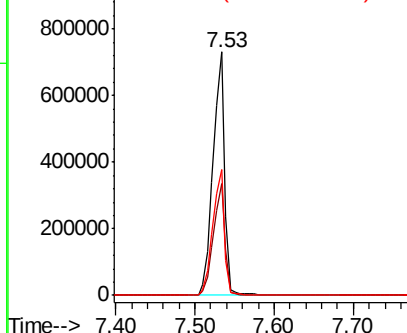
#23
 Nitrobenzene-d5
 Concen: 101.987 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110242.D
 Acq: 27 Oct 2018 6:00

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	748582
Ion Ratio	100	Lower	Upper
128	45.9	34.2	51.2
54	51.9	38.6	58.0

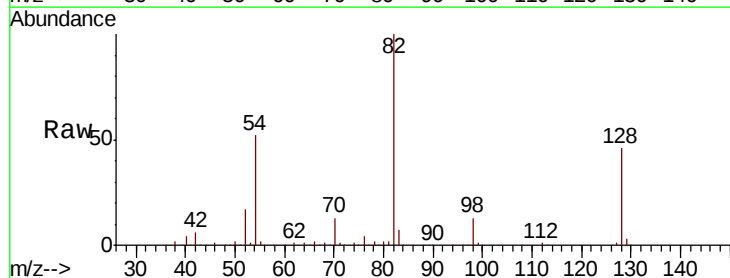


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

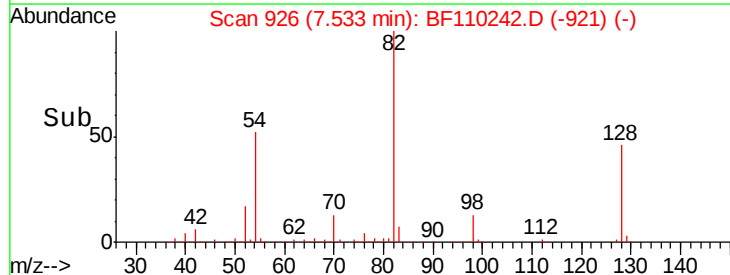
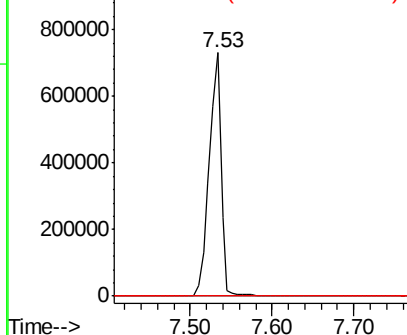


#25
 Isophorone
 Concen: 59.835 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF110242.D
 Acq: 27 Oct 2018 6:00

Tgt Ion	82	Resp	748644
Ion Ratio	100	Lower	Upper
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: BF110242.D

Acq: 27 Oct 2018 6:00

Instrument :

BNA_F

ClientSampled :

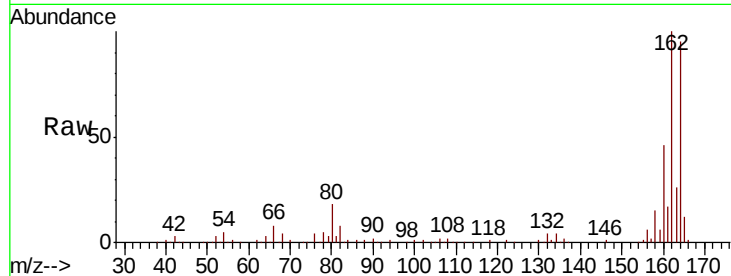
Tot Ion:164 Resp: 169581

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.6

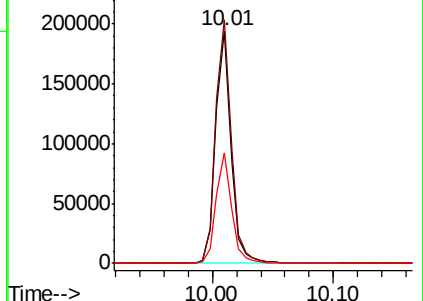
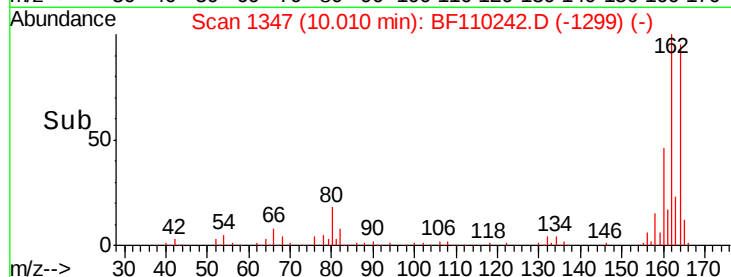
160 47.8 37.0 55.6



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: 80.170 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

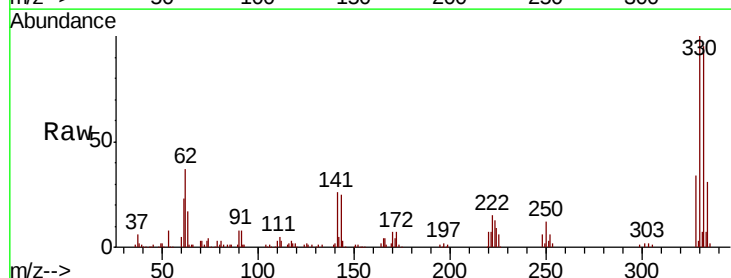
Tgt Ion:330 Resp: 134671

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

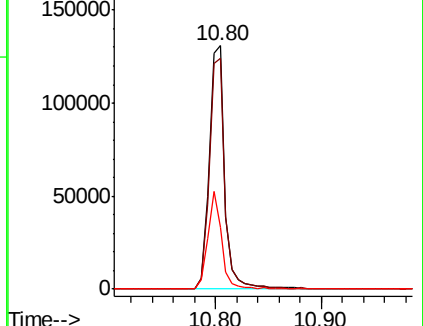
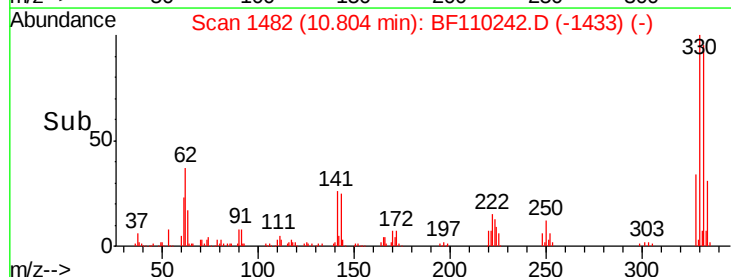
141 35.9 27.0 40.4

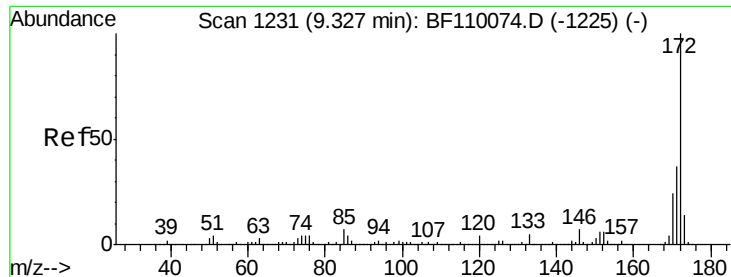


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 112.751 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

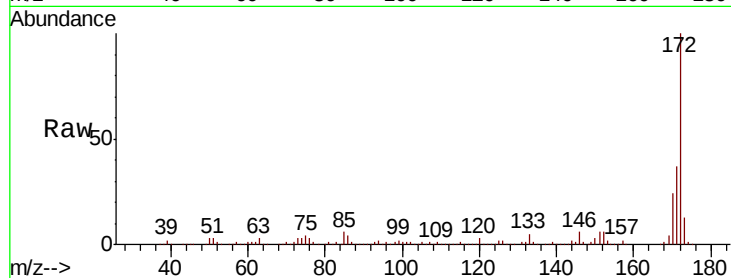
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1217659

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.5	19.7	29.5

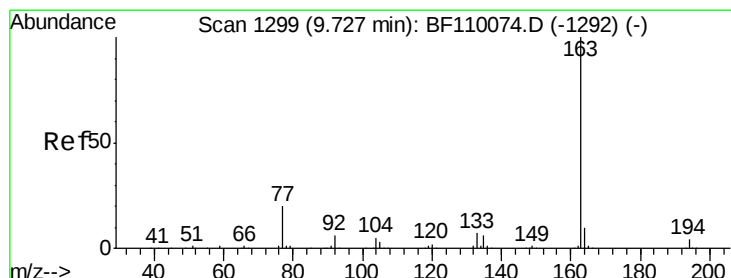
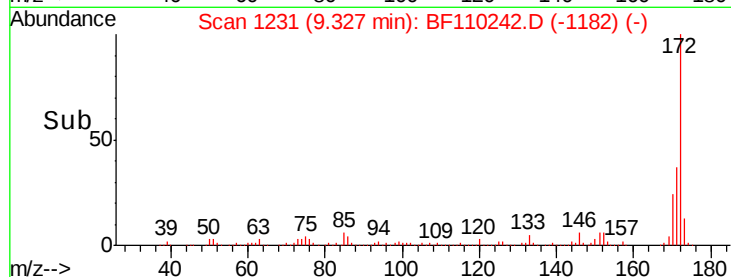
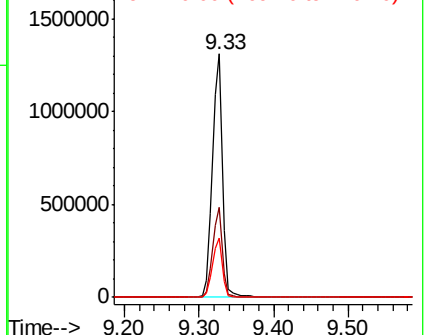


Abundance

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: 2.568 ng

RT: 9.72 min Scan# 1297

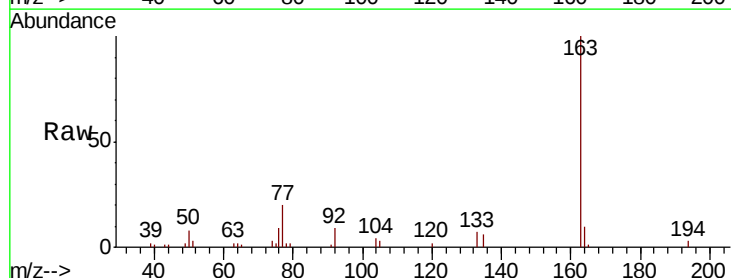
Delta R.T. -0.02 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

Tgt Ion:163 Resp: 32141

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	10.2	8.1	12.1

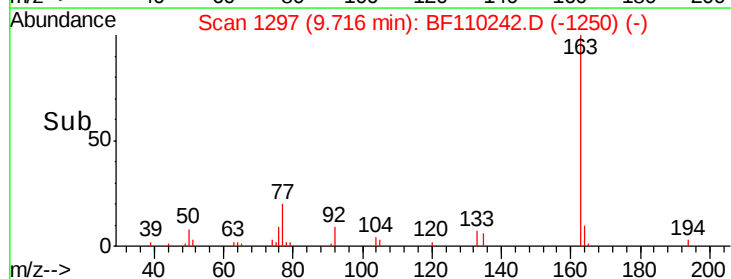
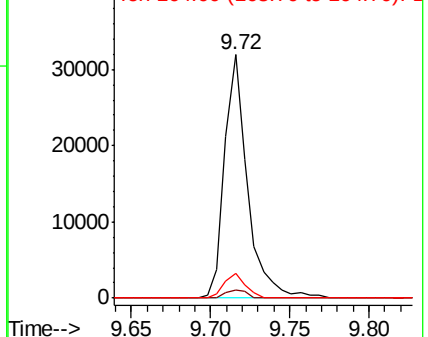


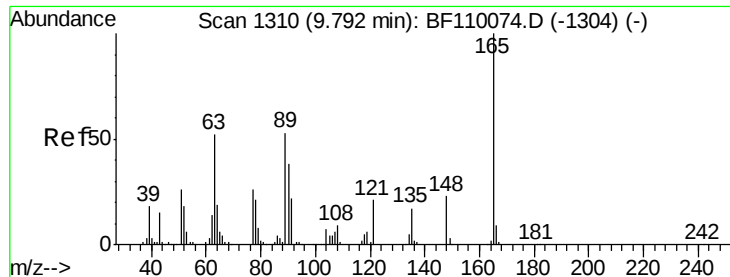
Abundance

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: 7.993 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

Instrument :

BNA_F

ClientSampleId :

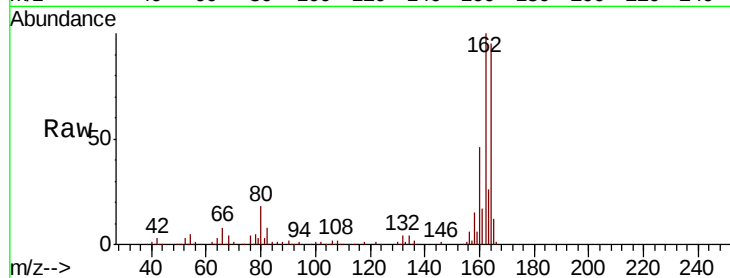
Tot Ion:165 Resp: 21553

Ion Ratio Lower Upper

165 100

63 1.2 48.9 73.3#

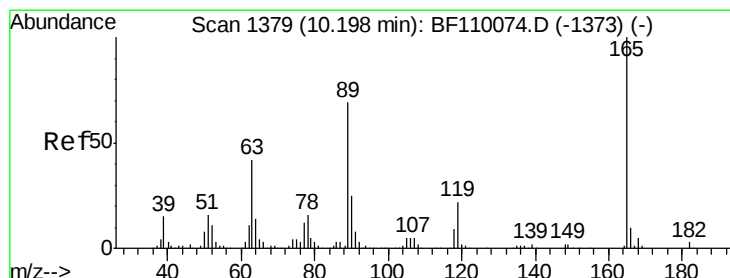
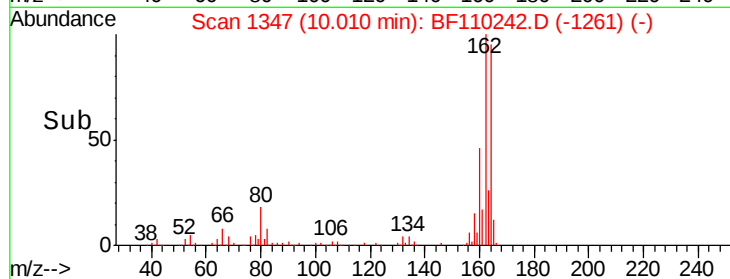
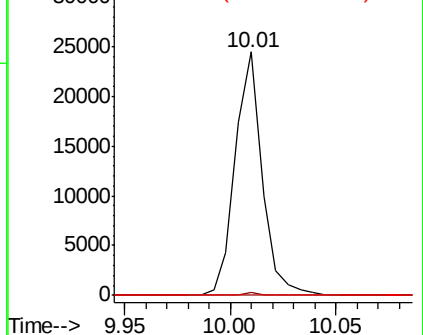
89 0.0 46.6 69.8#



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: 6.293 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110242.D

Acq: 27 Oct 2018 6:00

Tgt Ion:165 Resp: 21553

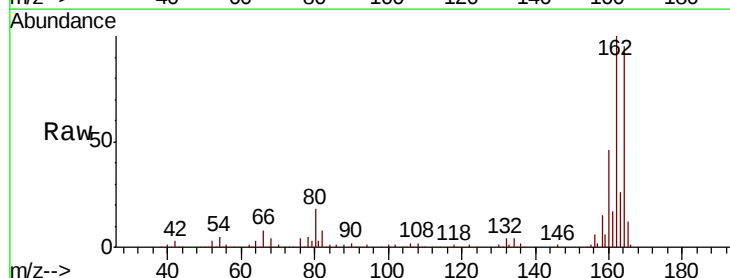
Ion Ratio Lower Upper

165 100

63 1.2 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

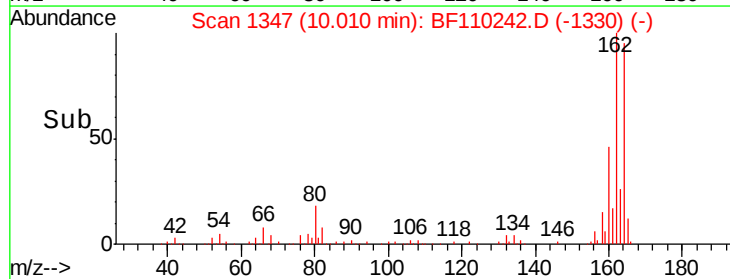
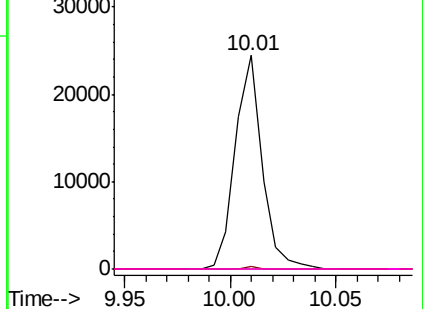


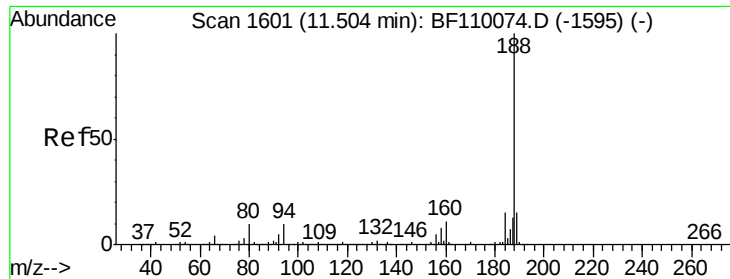
Abundance Ion 165.00 (164.70 to 165.70): E

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

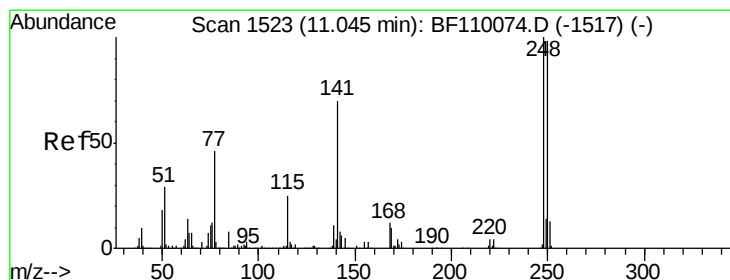
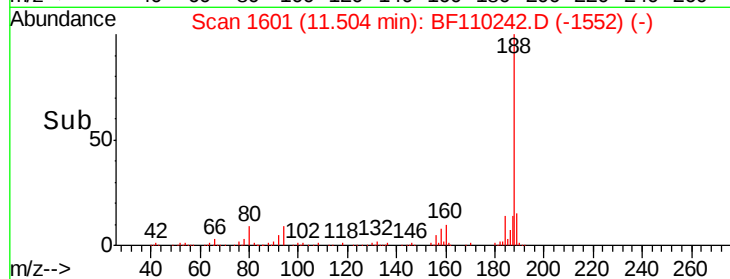
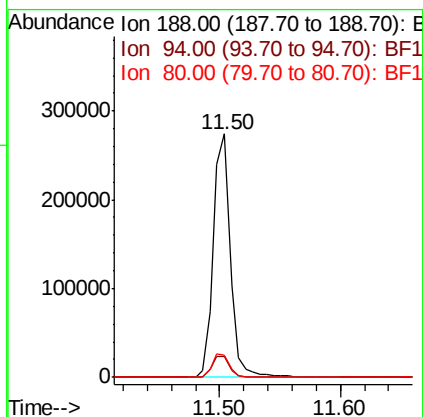
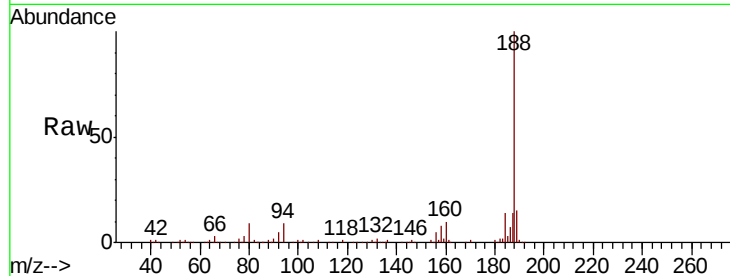




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

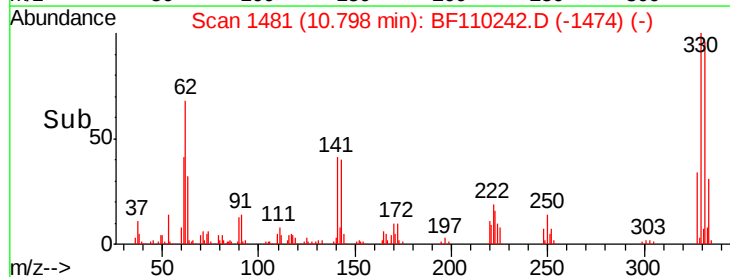
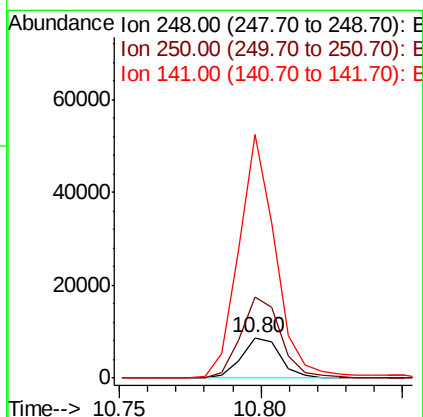
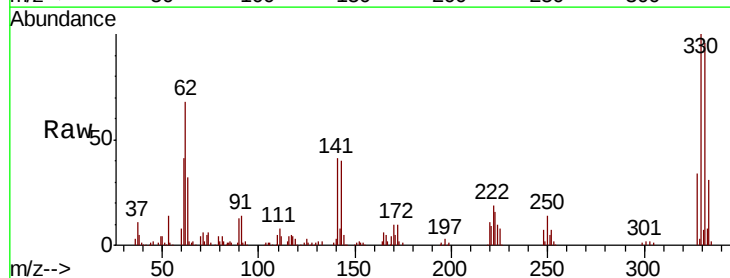
Instrument :
BNA_F
ClientSampleId :

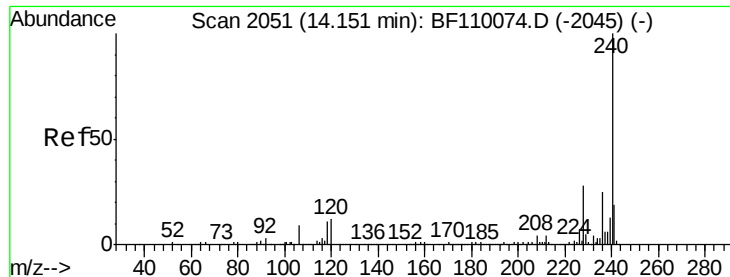
Tot Ion:188 Resp: 264474
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.909 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Tgt Ion:248 Resp: 8344
Ion Ratio Lower Upper
248 100
250 200.0 79.4 119.2#
141 598.7 55.9 83.9#

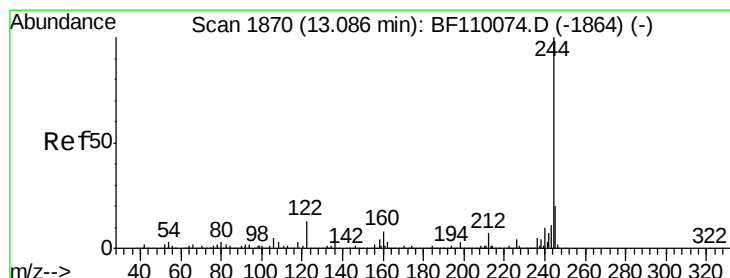
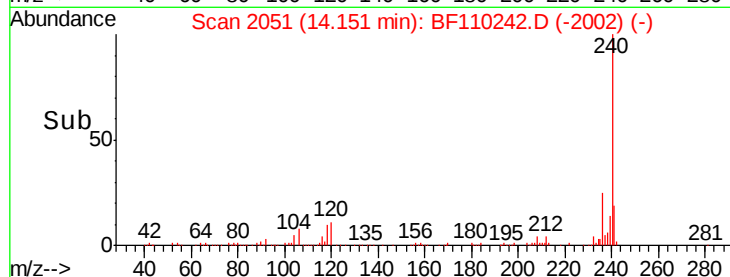
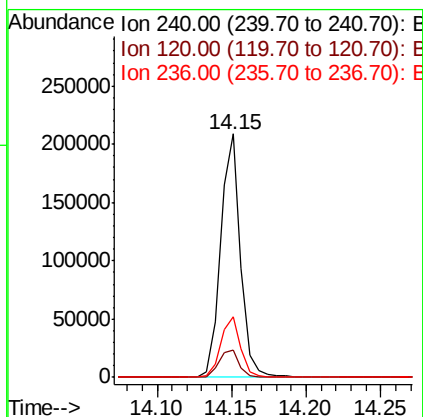
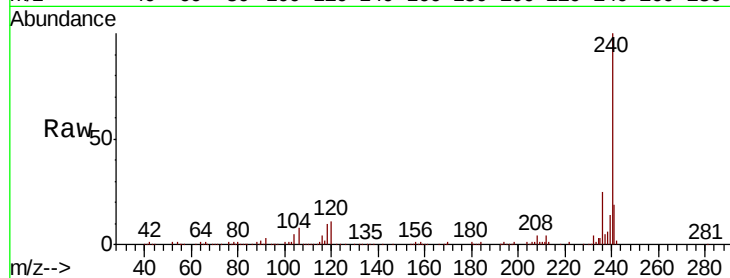




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

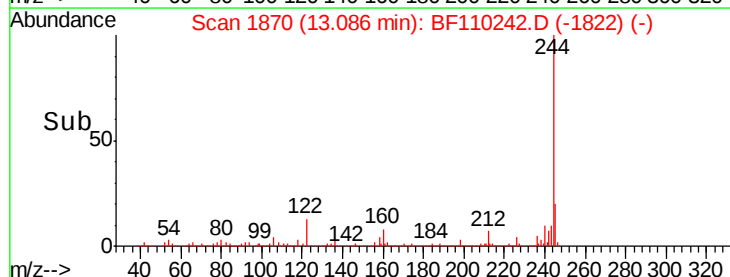
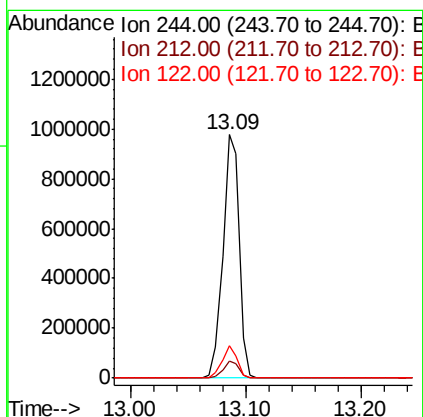
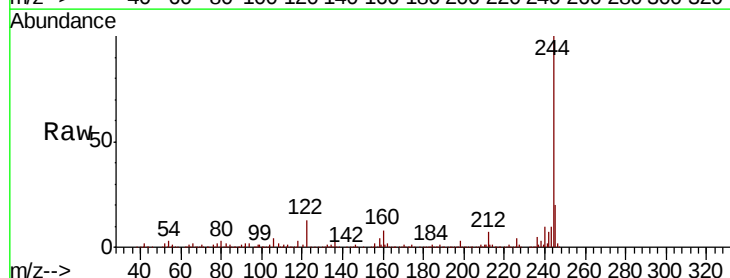
Instrument :
BNA_F
ClientSampleId :

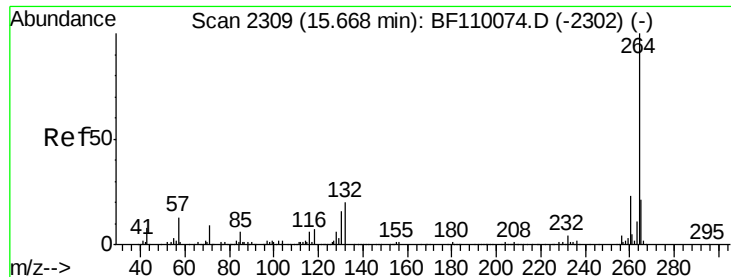
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	24.7	21.2	31.8



#79
Terphenyl-d14
Concen: 101.569 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110242.D
Acq: 27 Oct 2018 6:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.4	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: BF110242.D
 Acq: 27 Oct 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	20.5	16.7	25.1

