

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110116.D
 Acq On : 24 Oct 2018 15:47
 Operator : JU/SJ
 Sample : J5603-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:11:47 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

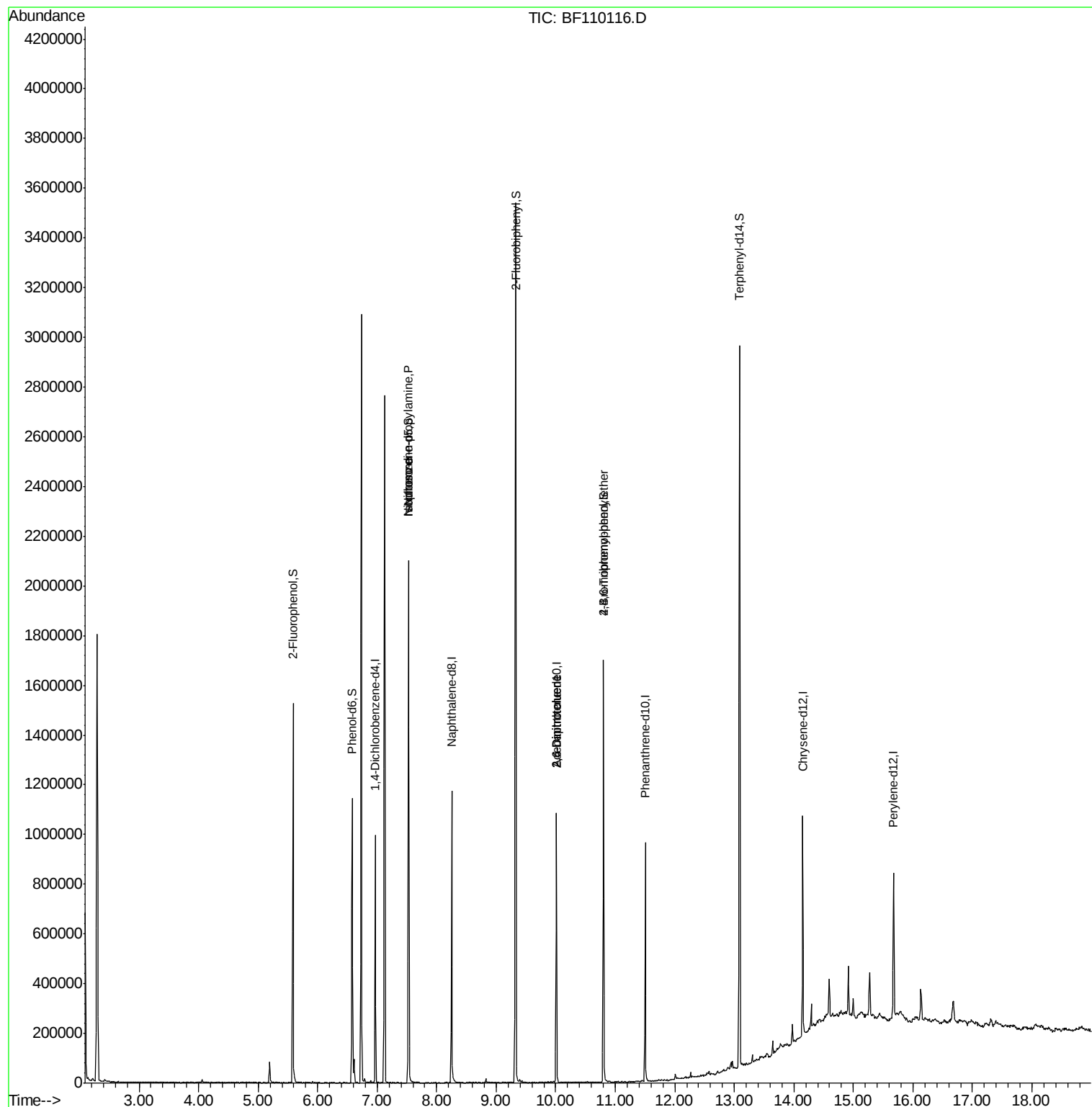
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141067	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	510363	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	199176	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	332531	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	275736	20.00	ng	-0.01
87) Perylene-d12	15.67	264	206091	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	437216	50.47	ng	-0.01
7) Phenol-d6	6.58	99	325610	29.39	ng	-0.02
23) Nitrobenzene-d5	7.53	82	670080	77.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	196126	99.41	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1133594	89.37	ng	-0.01
79) Terphenyl-d14	13.09	244	991589	74.79	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	89358	12.571	ng	# 80
25) Isophorone	7.53	82	670067	45.684	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	25261	7.976	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	25261	6.280	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	12035	3.337	ng	# 1

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

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ALS Vial : 15 Sample Multiplier: 1

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BNA_F
ClientSampleId :

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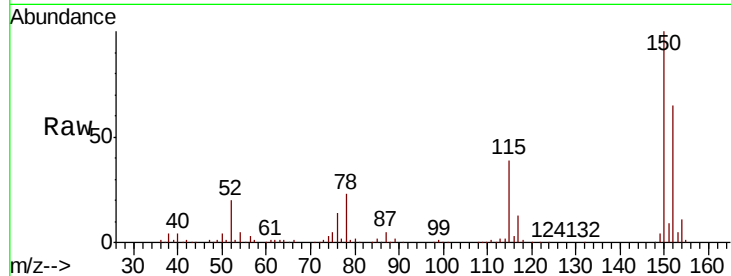


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.7	184.1
115	60.3	49.1	73.7

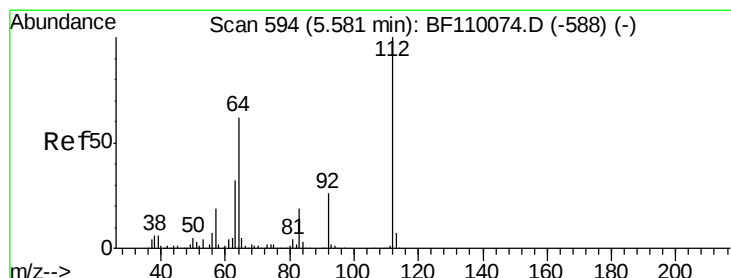
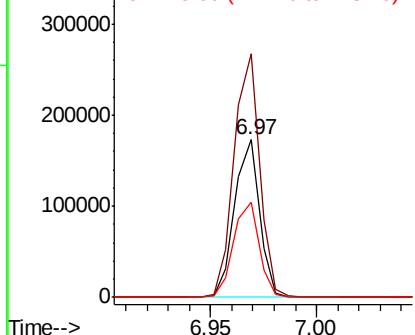
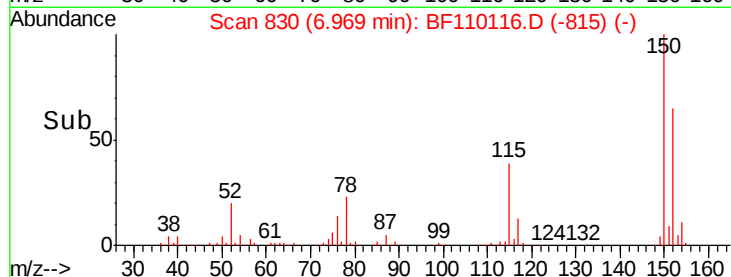


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

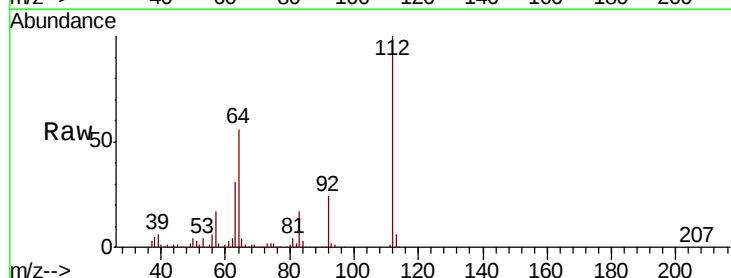
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 50.471 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.1	66.1
63	30.6	23.7	35.5

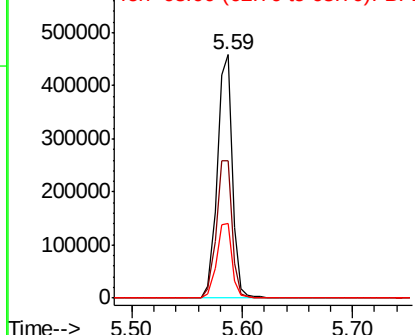
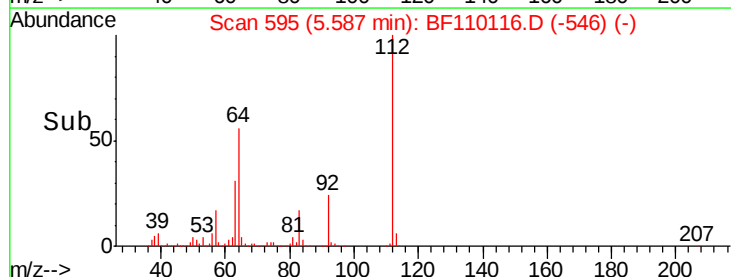


Abundance

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: 29.387 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110116.D

Acq: 24 Oct 2018 15:47

Instrument :

BNA_F

ClientSampleId :

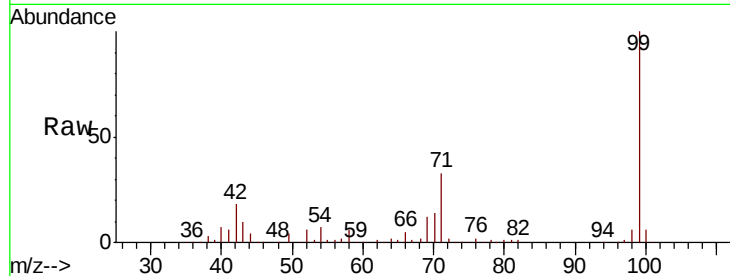
Tot Ion: 99 Resp: 325610

Ion Ratio Lower Upper

99 100

42 17.7 15.8 23.6

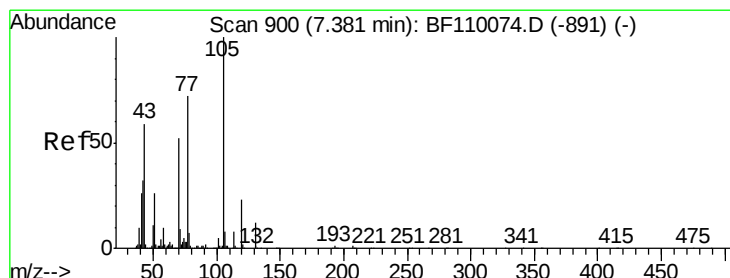
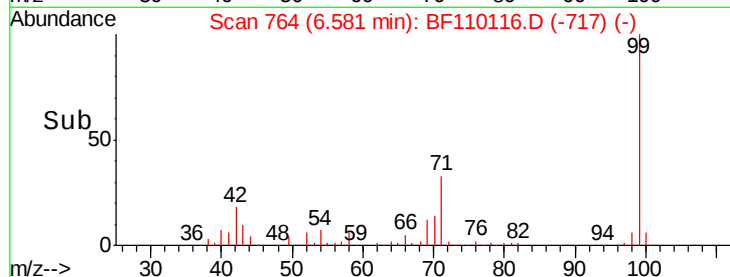
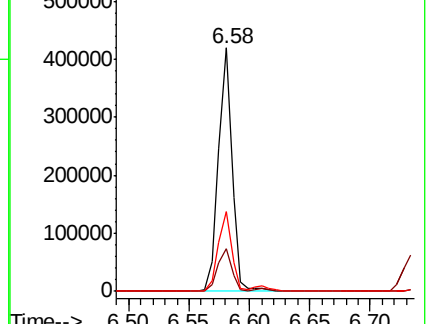
71 32.6 28.0 42.0



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: 12.571 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.14 min

Lab File: BF110116.D

Acq: 24 Oct 2018 15:47

Tgt Ion: 70 Resp: 89358

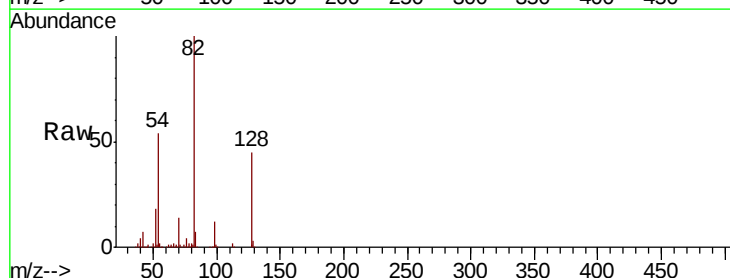
Ion Ratio Lower Upper

70 100

42 49.6 47.4 71.2

101 0.0 7.3 10.9#

130 1.8 16.2 24.2#

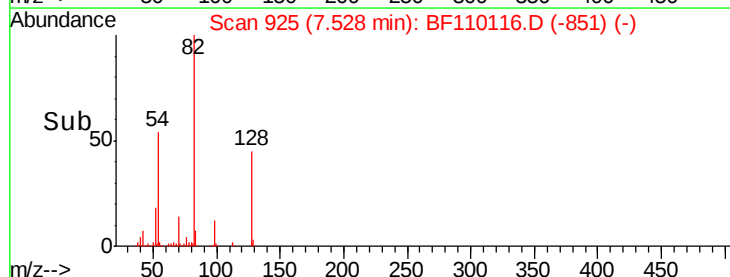
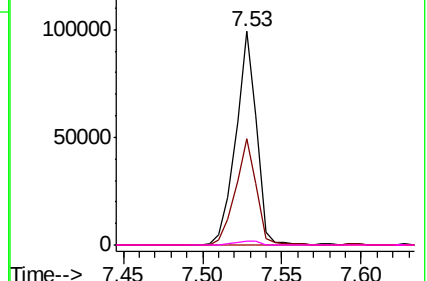


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

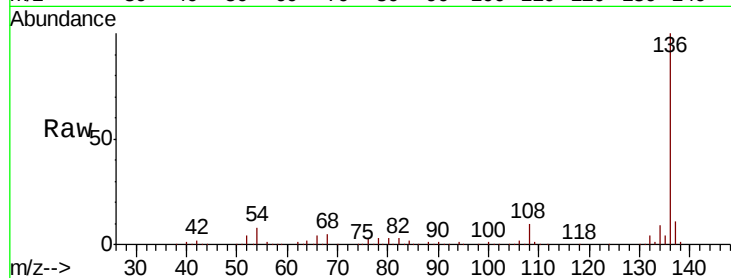




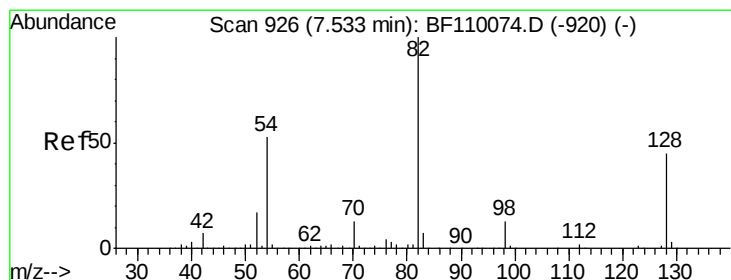
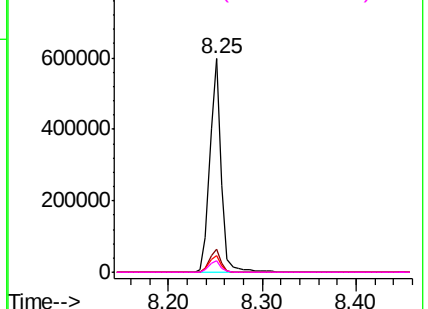
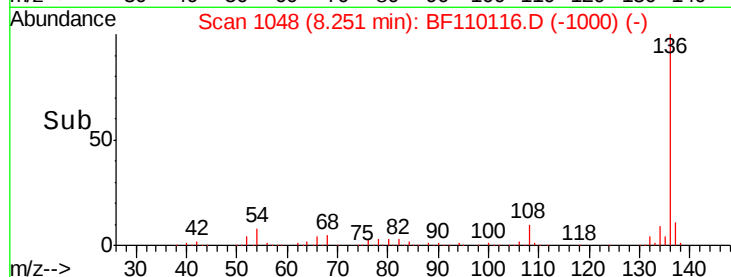
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	510363
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.8	5.4 8.2
68	5.5	4.2 6.2

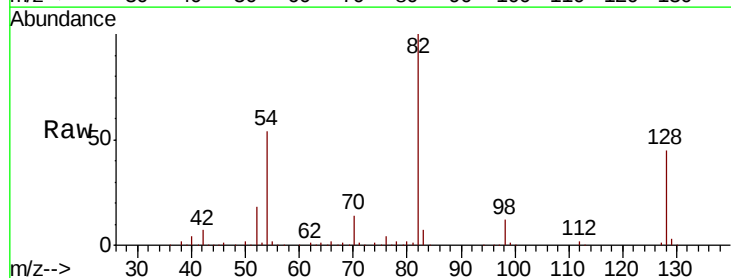


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

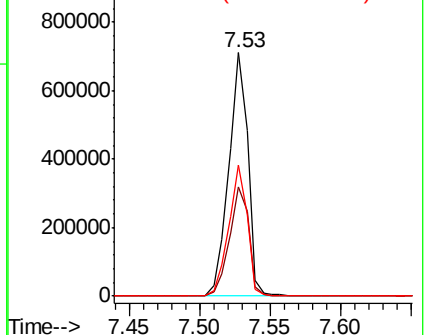
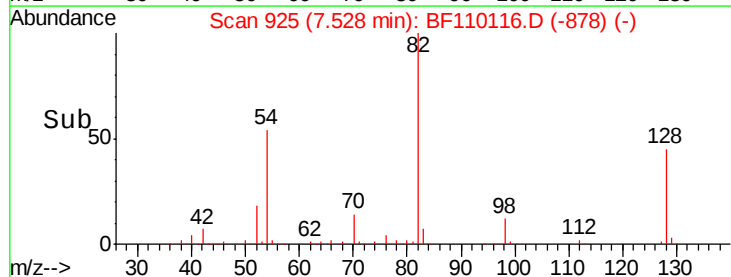


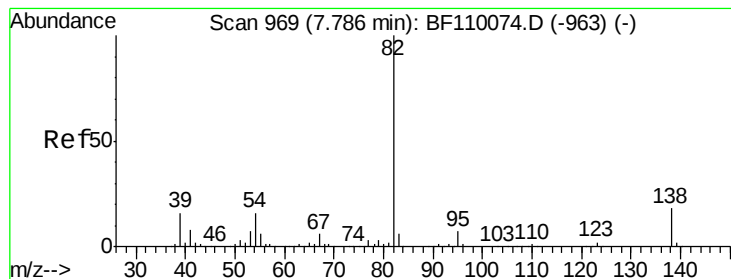
#23
Nitrobenzene-d5
Concen: 77.875 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

Tgt Ion: 82	Resp:	670080
Ion Ratio	Lower	Upper
82	100	
128	44.7	34.2 51.2
54	53.6	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: 45.684 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.28 min

Lab File: BF110116.D

Acq: 24 Oct 2018 15:47

Instrument :

BNA_F

ClientSampleId :

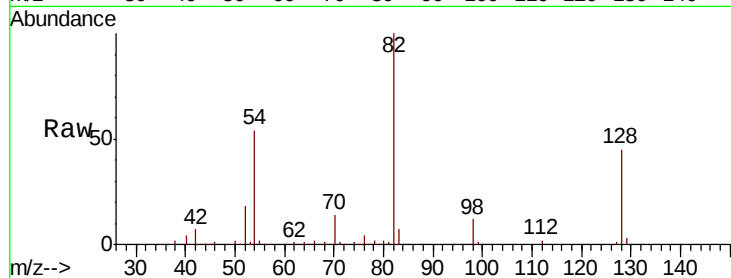
Tot Ion: 82 Resp: 670067

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

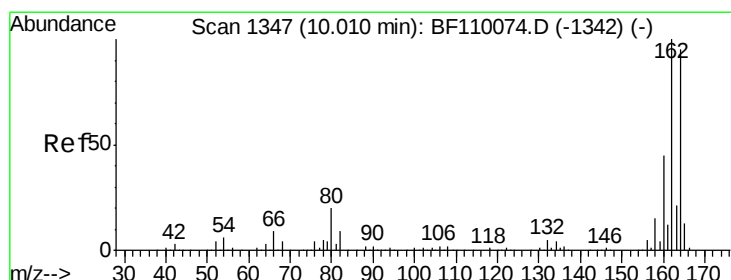
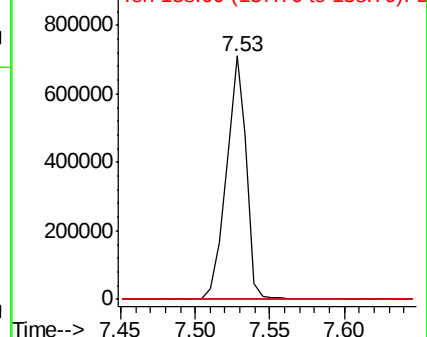
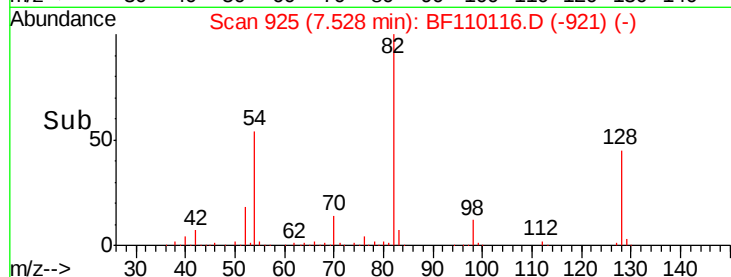
138 0.0 13.2 19.8#



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: BF110116.D

Acq: 24 Oct 2018 15:47

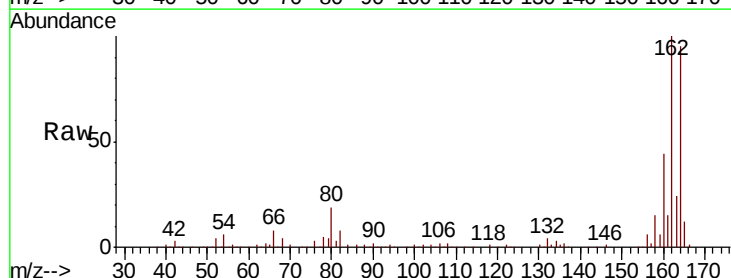
Tgt Ion:164 Resp: 199176

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.6

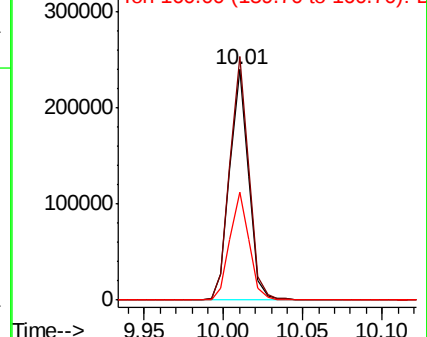
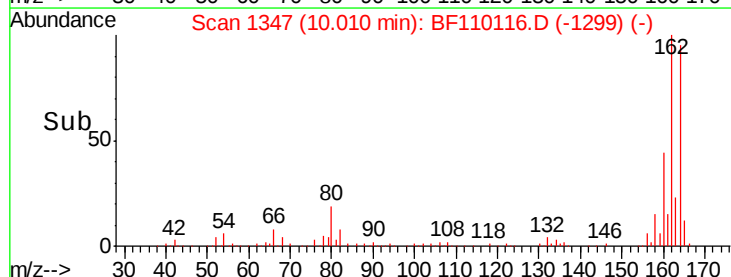
160 47.0 37.0 55.6

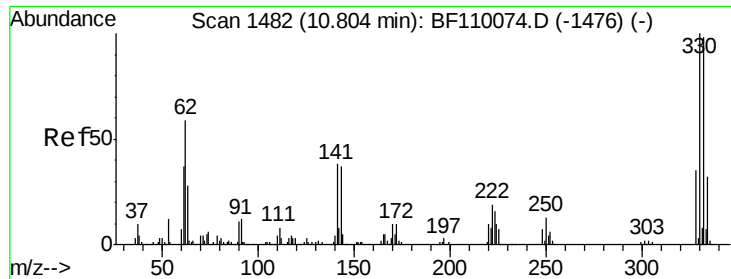


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

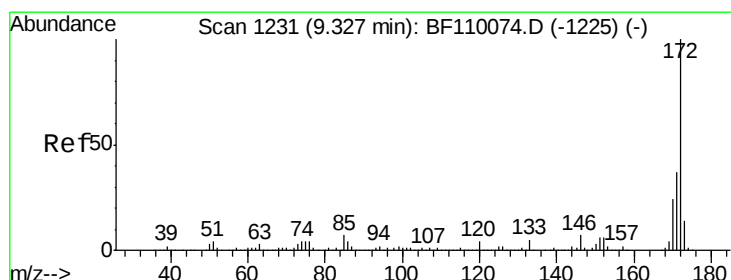
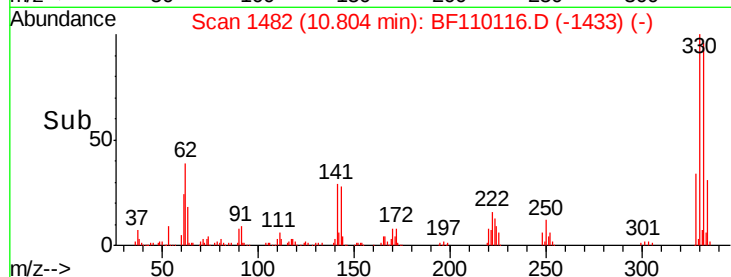
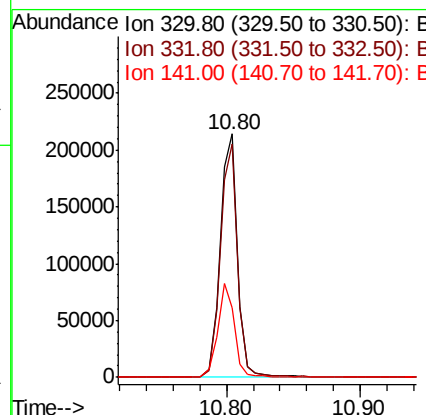
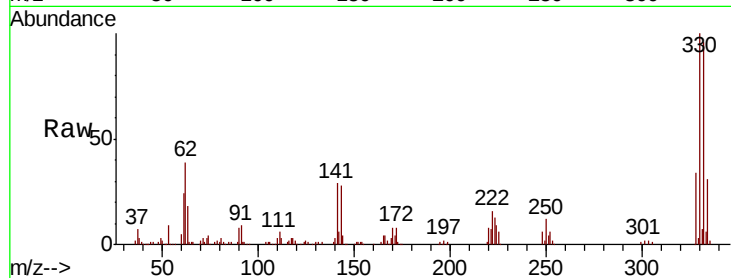




#42
 2,4,6-Tribromophenol
 Concen: 99.406 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110116.D
 Acq: 24 Oct 2018 15:47

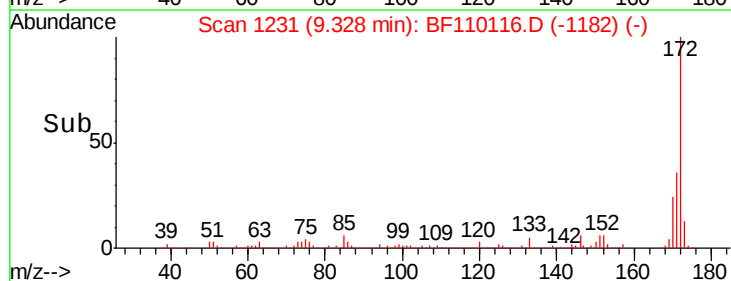
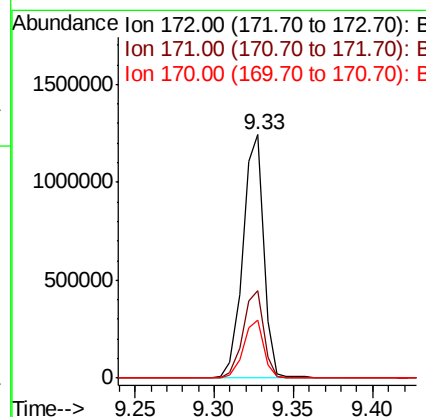
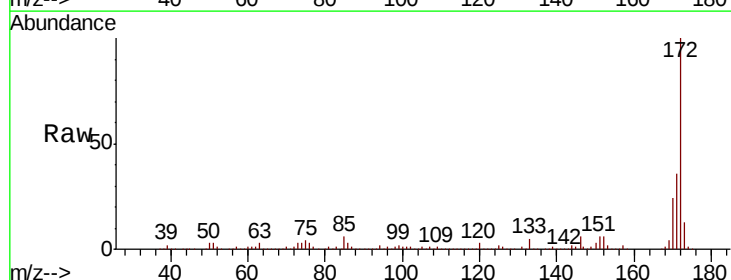
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	37.1	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 89.370 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110116.D
 Acq: 24 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.7	19.7	29.5





#51

2,6-Dinitrotoluene

Concen: 7.976 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110116.D

Acq: 24 Oct 2018 15:47

Instrument :

BNA_F

ClientSampleId :

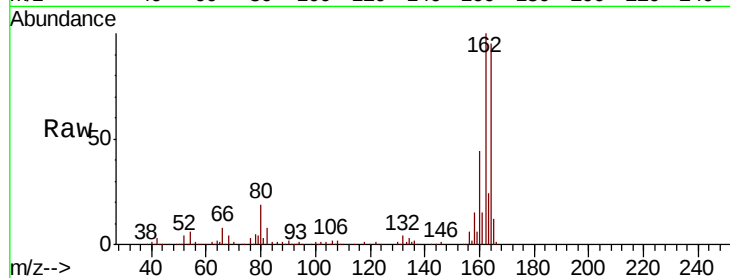
Tot Ion:165 Resp: 25261

Ion Ratio Lower Upper

165 100

63 1.8 48.9 73.3#

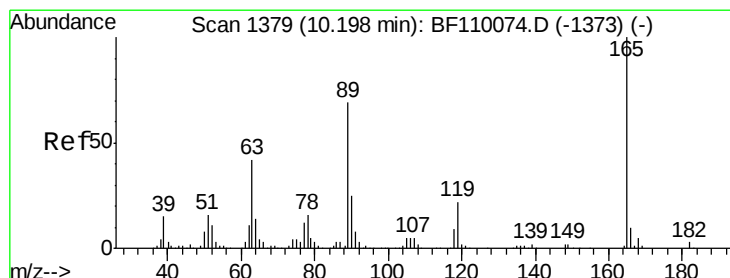
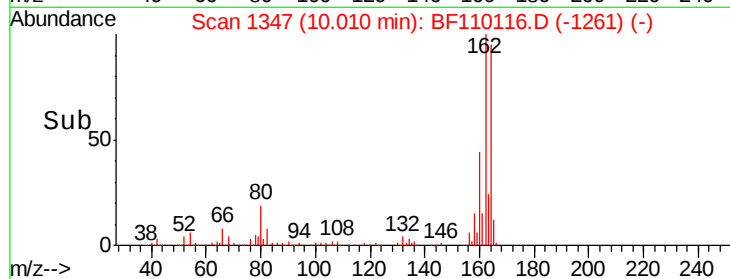
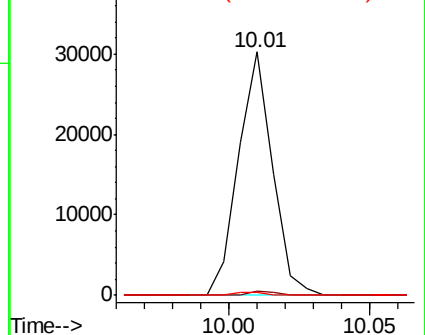
89 1.3 46.6 69.8#



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: 6.280 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110116.D

Acq: 24 Oct 2018 15:47

Tgt Ion:165 Resp: 25261

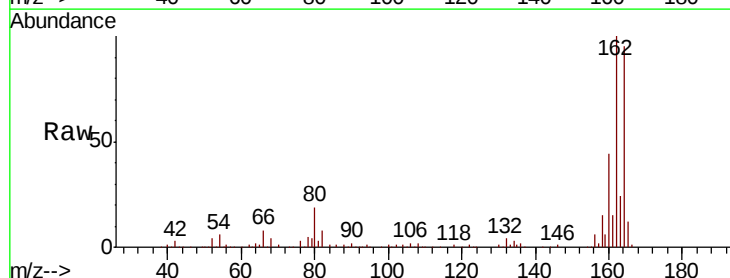
Ion Ratio Lower Upper

165 100

63 1.8 44.8 67.2#

89 1.3 62.2 93.4#

182 0.0 2.1 3.1#

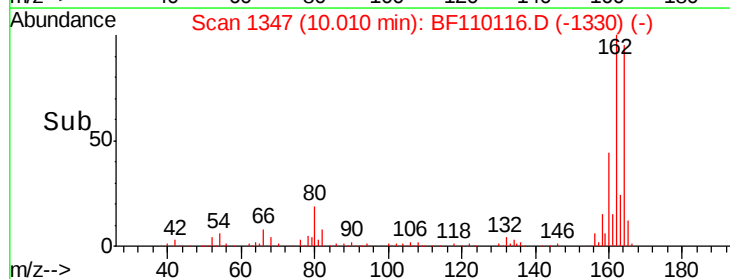
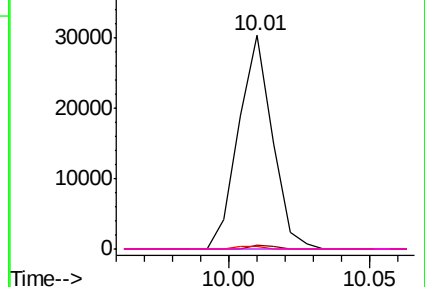


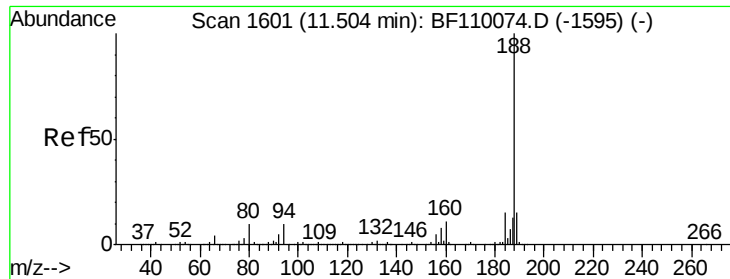
Abundance Ion 165.00 (164.70 to 165.70): E

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

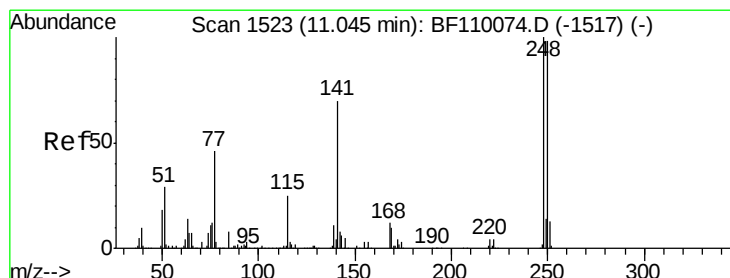
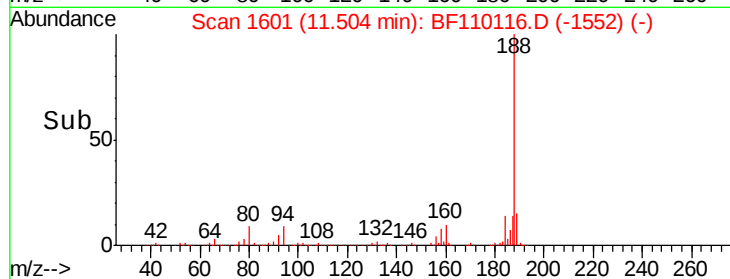
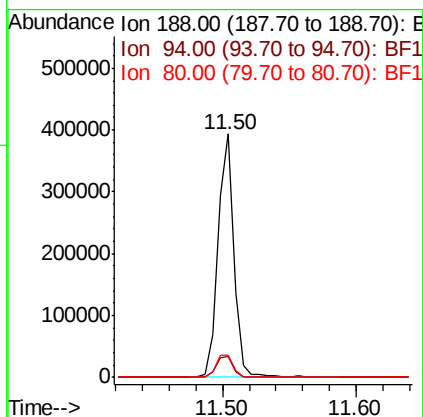
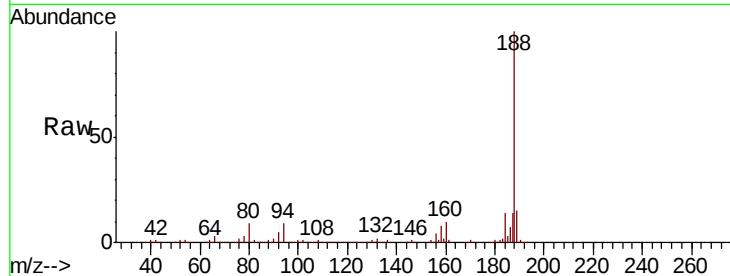




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

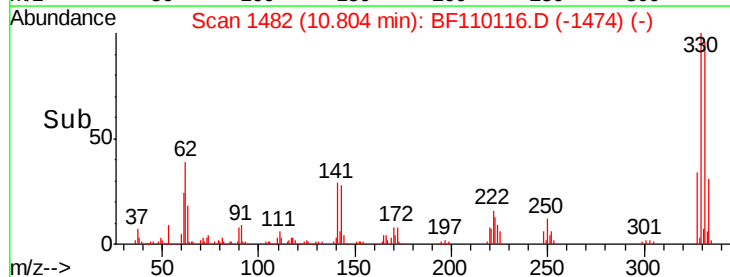
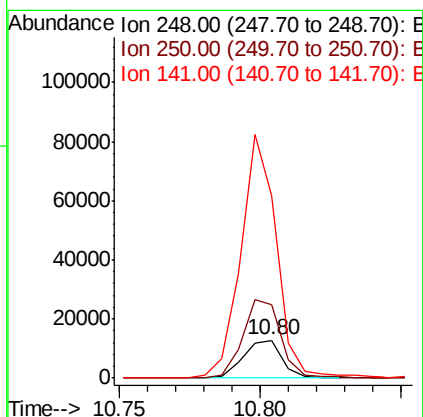
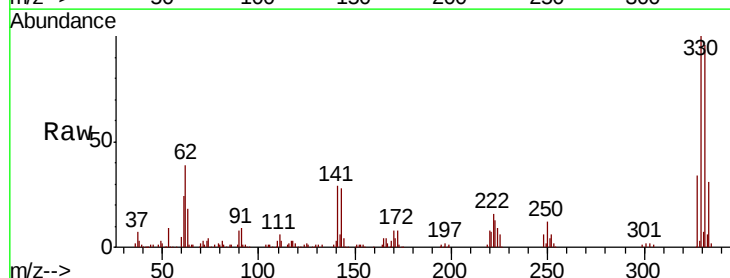
Instrument :
BNA_F
ClientSampled :

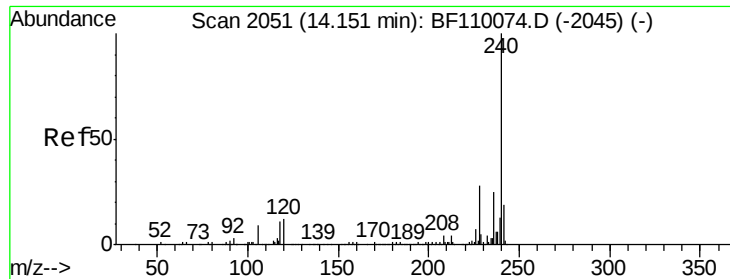
Tot Ion:188 Resp: 332531
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.337 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110116.D
Acq: 24 Oct 2018 15:47

Tgt Ion:248 Resp: 12035
Ion Ratio Lower Upper
248 100
250 194.8 79.4 119.2#
141 484.5 55.9 83.9#

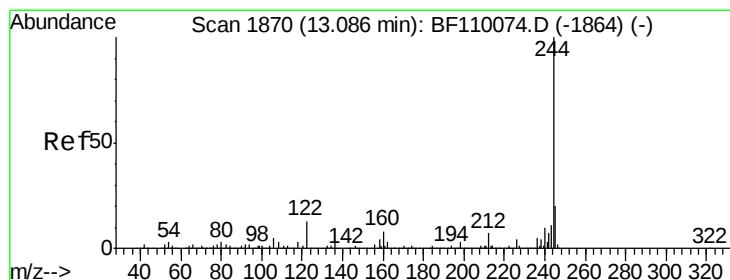
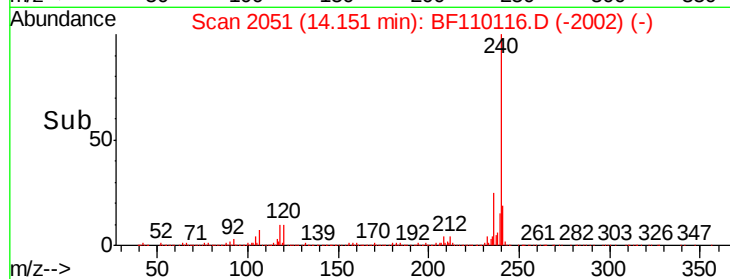
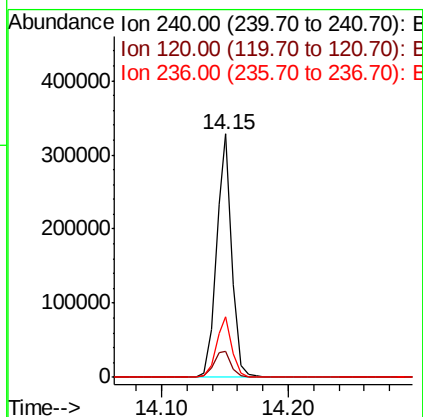
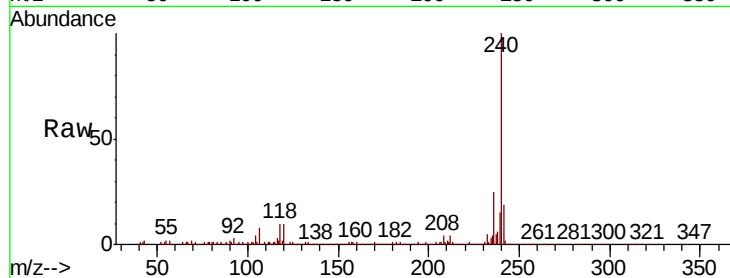




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110116.D
 Acq: 24 Oct 2018 15:47

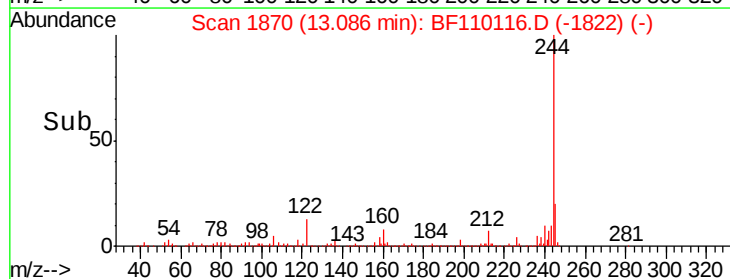
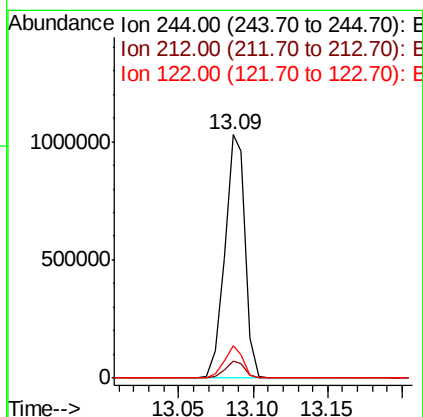
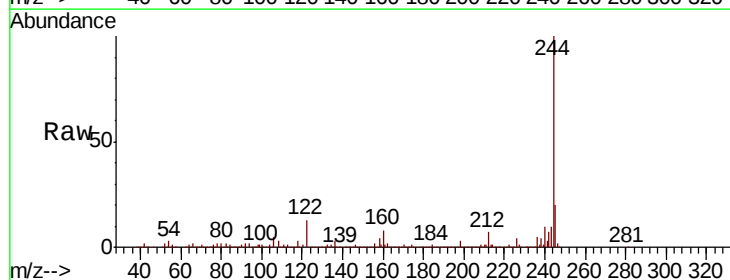
Instrument :
 BNA_F
 ClientSampleId :

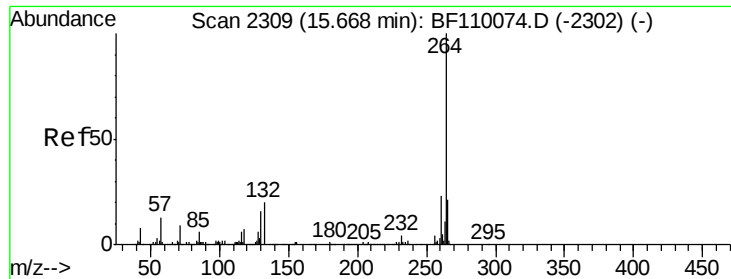
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	25.1	21.2	31.8



#79
 Terphenyl-d14
 Concen: 74.790 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110116.D
 Acq: 24 Oct 2018 15:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.1	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: BF110116.D
Acq: 24 Oct 2018 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	22.2	16.7	25.1

