

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110138.D
 Acq On : 25 Oct 2018 2:48
 Operator : JU/SJ
 Sample : J5640-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:05:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

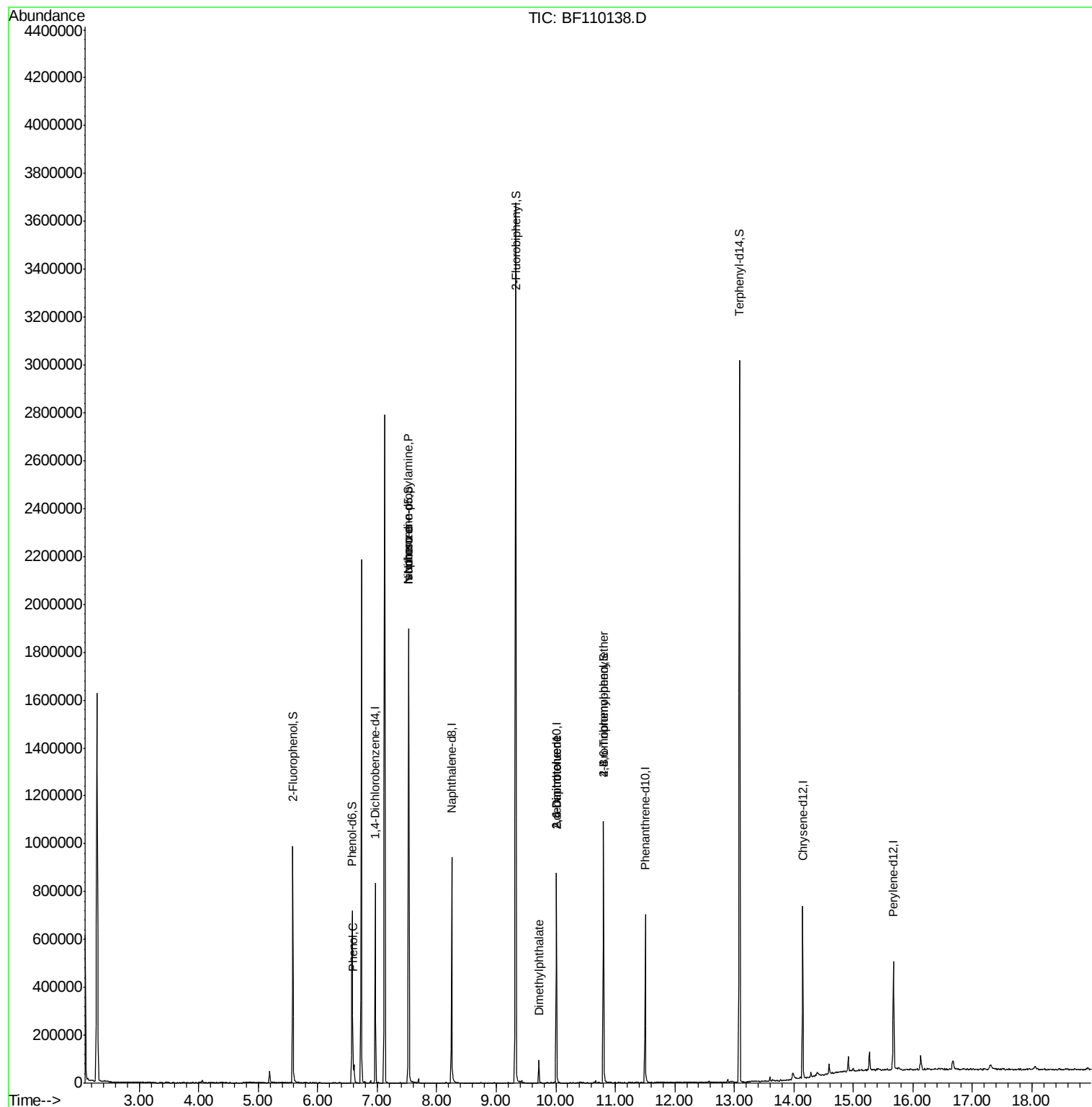
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118817	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	411671	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	157660	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	271035	20.00	ng	0.00
76) Chrysene-d12	14.15	240	258314	20.00	ng	0.00
87) Perylene-d12	15.67	264	177009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	286545	39.27	ng	0.00
7) Phenol-d6	6.58	99	212640	22.78	ng	0.00
23) Nitrobenzene-d5	7.53	82	656336	94.56	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	125248	80.20	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1109062	110.46	ng	0.00
79) Terphenyl-d14	13.09	244	980725	78.96	ng	0.00
Target Compounds						
10) Phenol	6.59	94	22873	2.293	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	86312	14.416	ng	# 81
25) Isophorone	7.53	82	656328	55.475	ng	# 67
50) Dimethylphthalate	9.72	163	38268	3.288	ng	# 98
51) 2,6-Dinitrotoluene	10.01	165	20380	8.130	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	20380	6.400	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	7870	2.677	ng	# 1

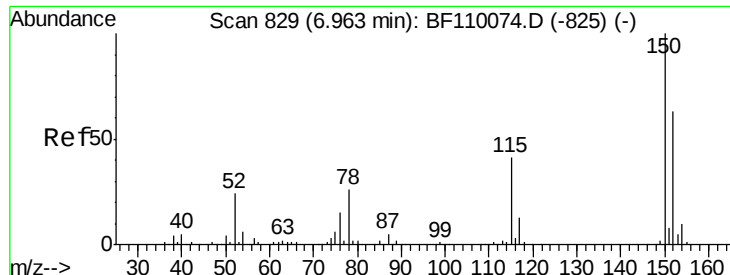
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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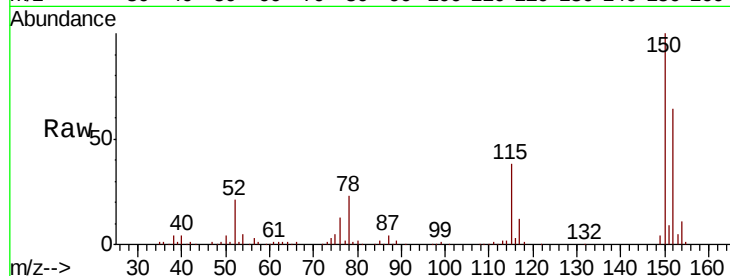


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.7	184.1
115	59.9	49.1	73.7

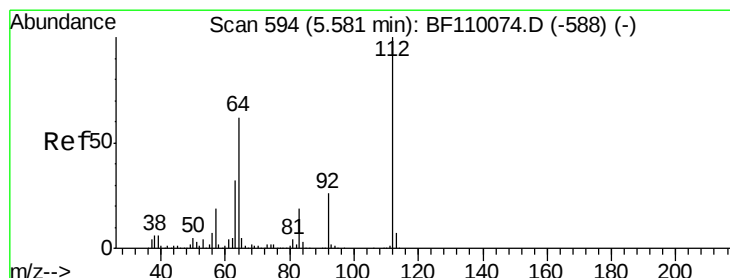
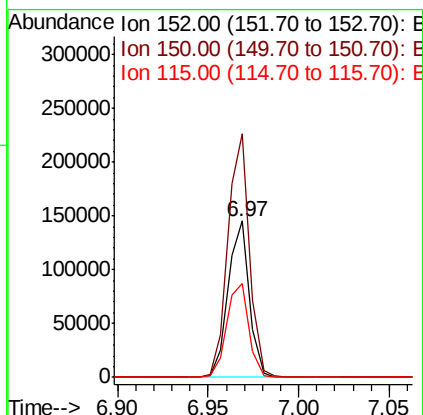
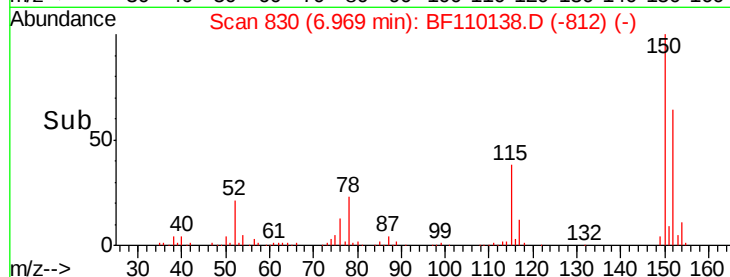


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

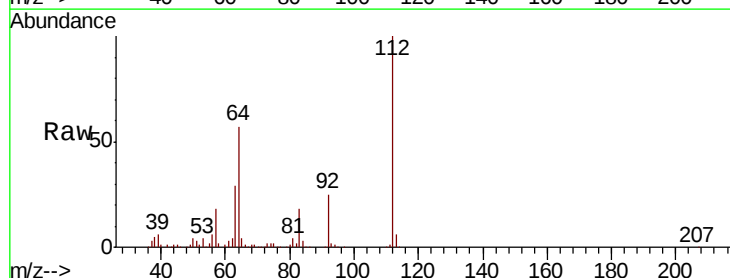
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.273 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	29.1	23.7	35.5

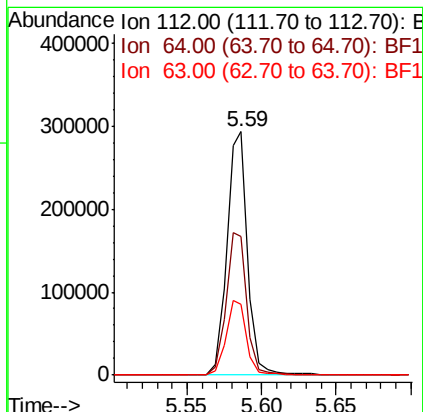
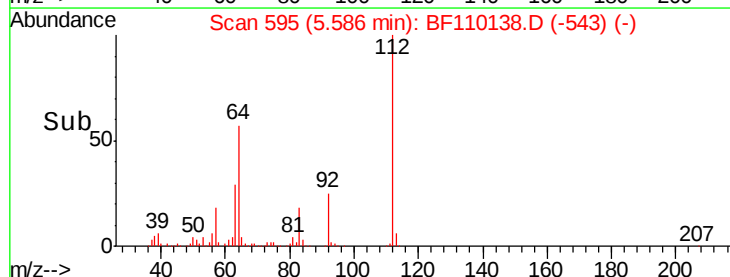


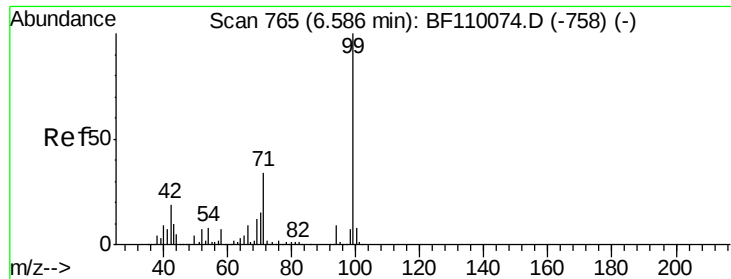
Abundance

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: 22.785 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110138.D

Acq: 25 Oct 2018 2:48

Instrument :

BNA_F

ClientSampleId :

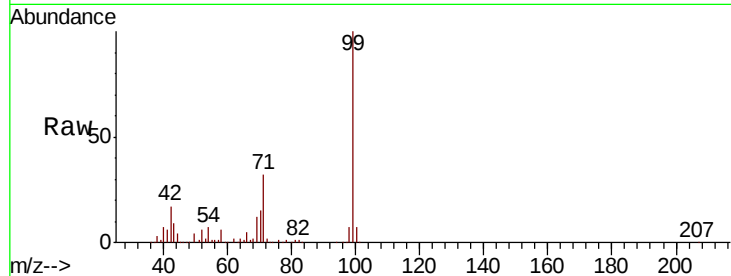
Tot Ion: 99 Resp: 212640

Ion Ratio Lower Upper

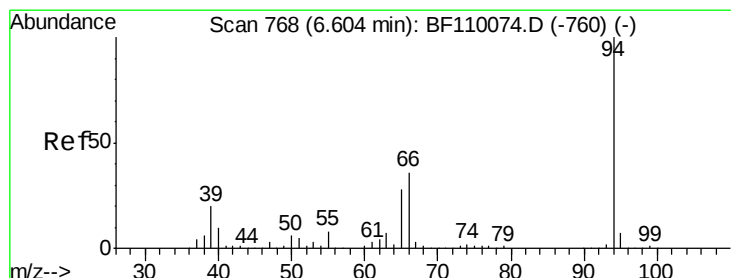
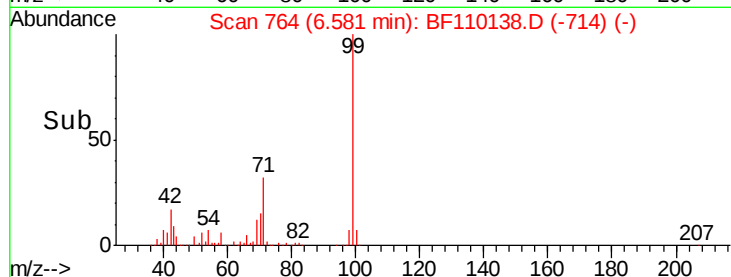
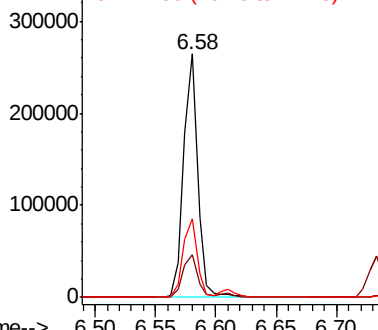
99 100

42 17.3 15.8 23.6

71 32.3 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: 2.293 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110138.D

Acq: 25 Oct 2018 2:48

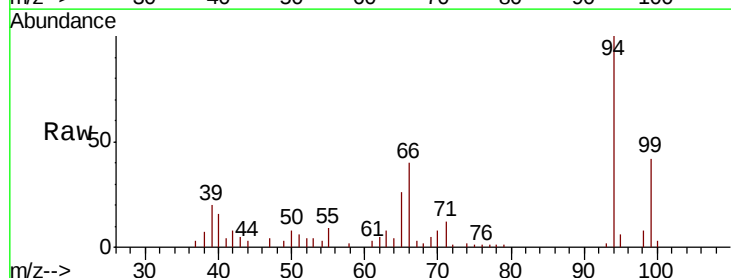
Tgt Ion: 94 Resp: 22873

Ion Ratio Lower Upper

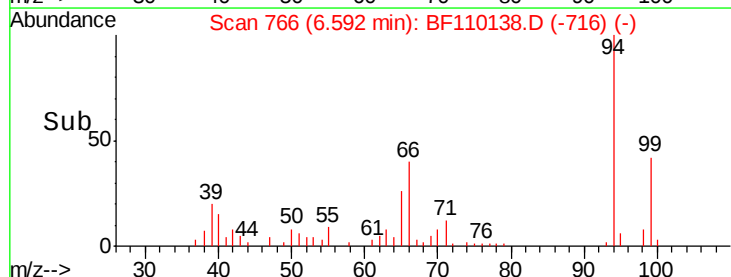
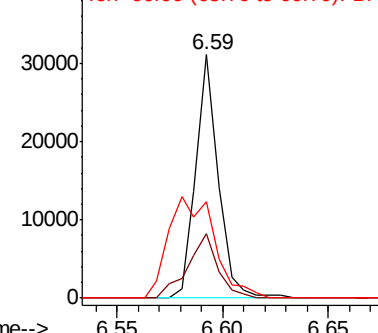
94 100

65 26.4 25.3 65.3

66 39.5 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

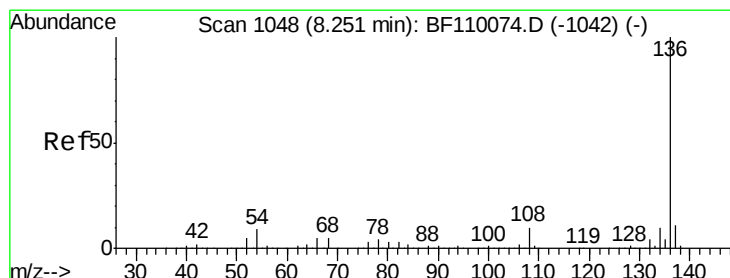
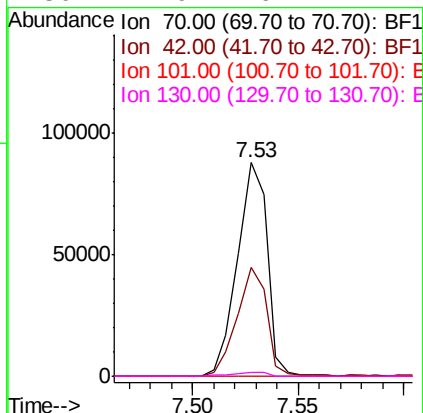
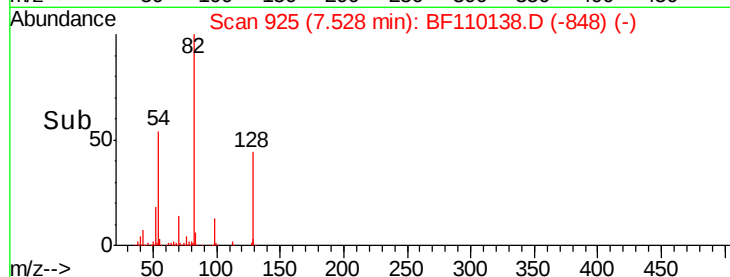
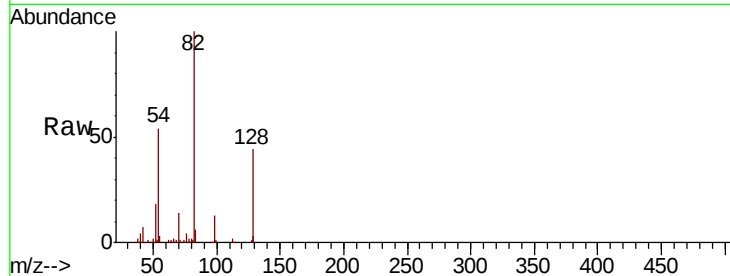




#19
n-Nitroso-di-n-propylamine
Concen: 14.416 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

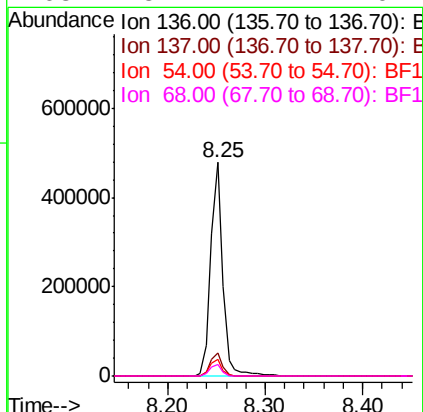
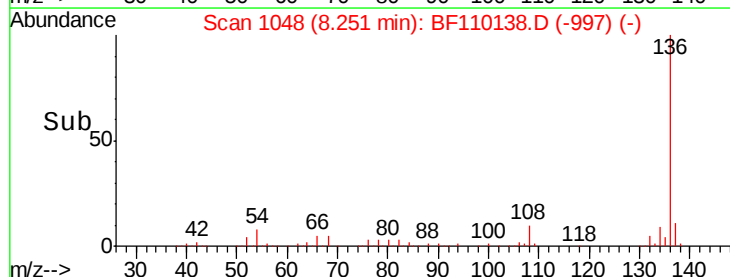
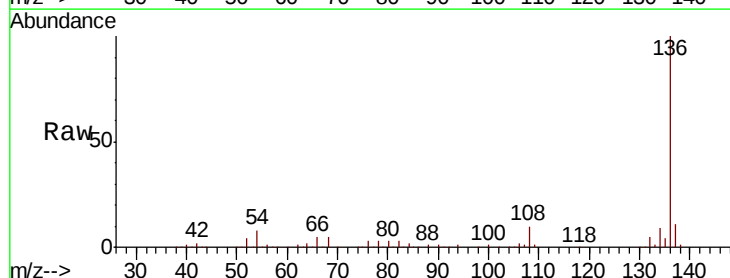
Instrument :
BNA_F
ClientSampleId :

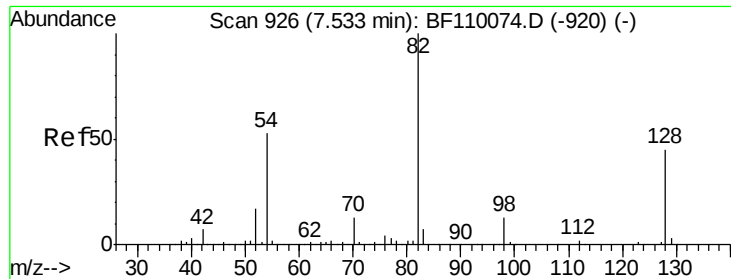
Tot Ion: 70 Resp: 86312
Ion Ratio Lower Upper
70 100
42 50.9 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion: 136 Resp: 411671
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 5.4 8.2
68 5.2 4.2 6.2

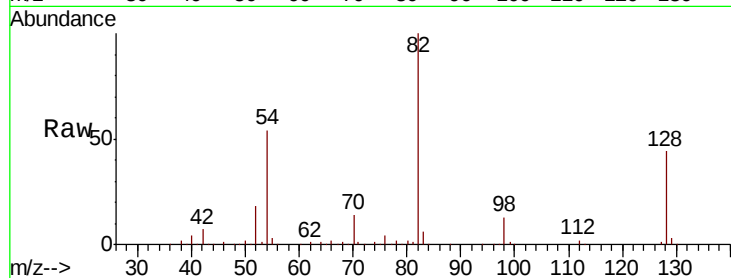




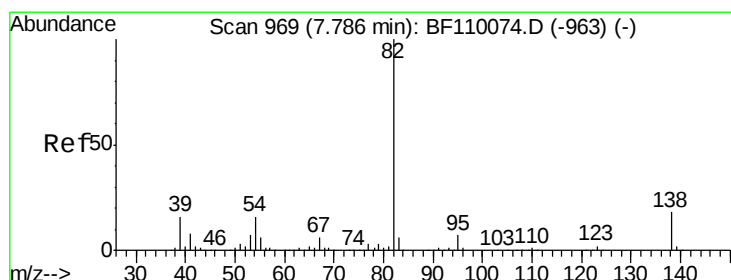
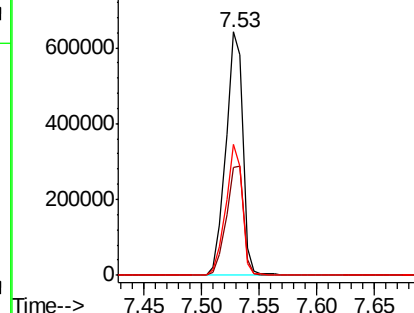
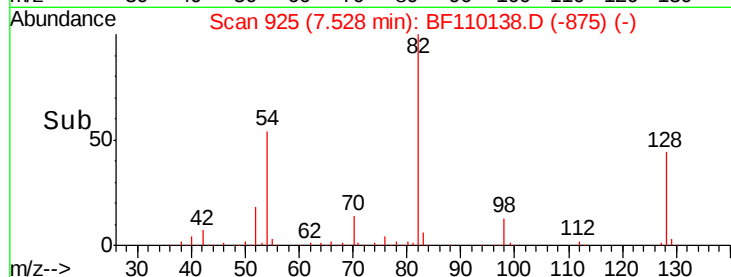
#23
Nitrobenzene-d5
Concen: 94.564 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	656336
Ion Ratio	100	Lower	Upper
128	44.4	34.2	51.2
54	53.8	38.6	58.0

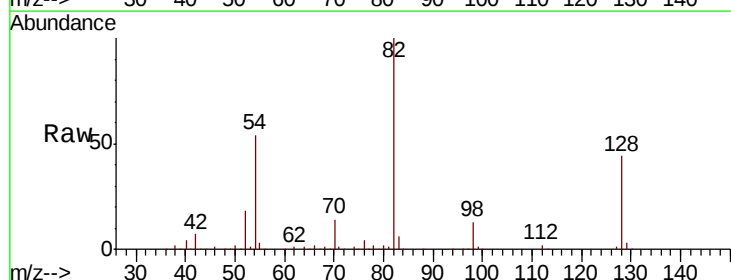


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

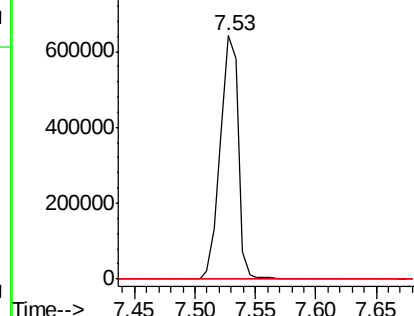
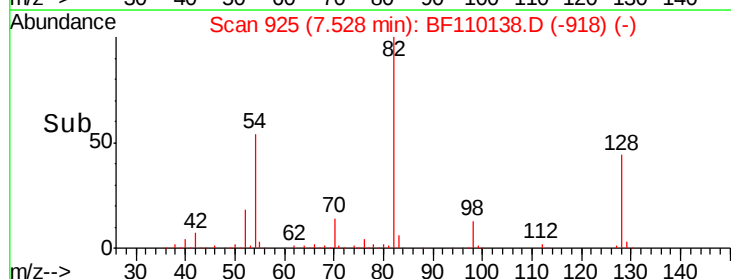


#25
Isophorone
Concen: 55.475 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion	82	Resp	656328
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. -0.00 min

Lab File: BF110138.D

Acq: 25 Oct 2018 2:48

Instrument :

BNA_F

ClientSampleId :

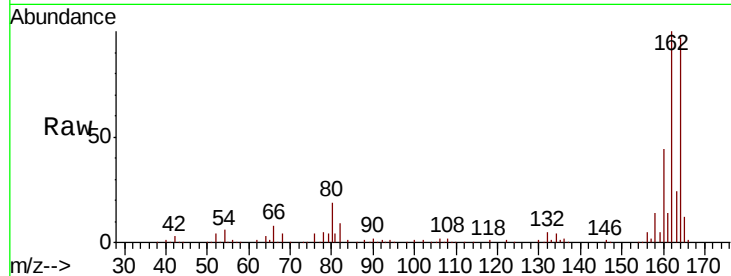
Tot Ion:164 Resp: 157660

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.6

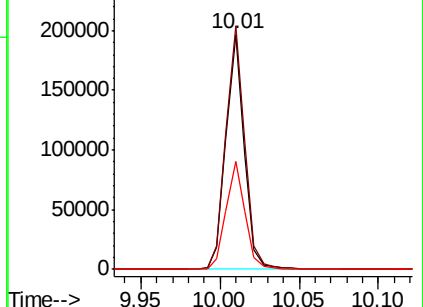
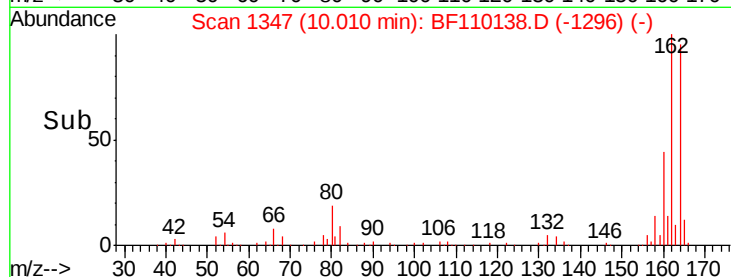
160 45.9 37.0 55.6



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: 80.198 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110138.D

Acq: 25 Oct 2018 2:48

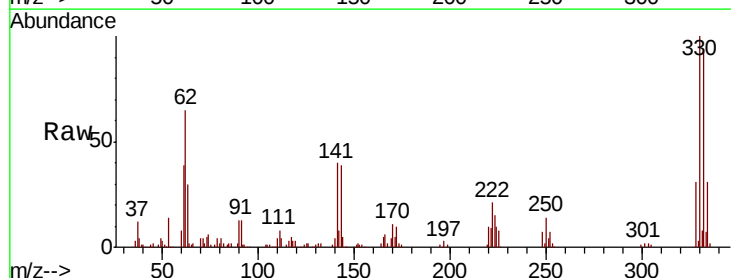
Tgt Ion:330 Resp: 125248

Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

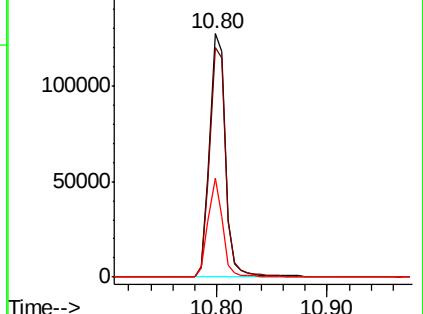
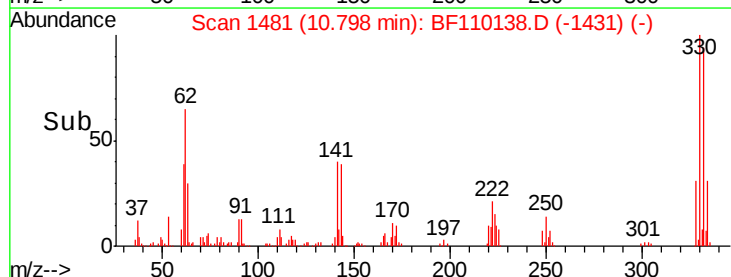
141 36.4 27.0 40.4



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

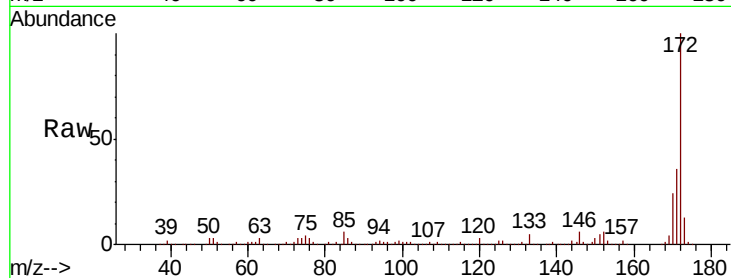




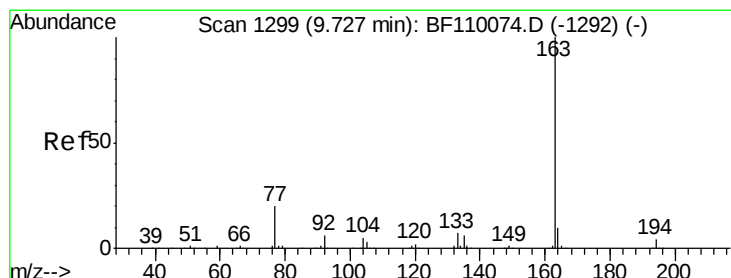
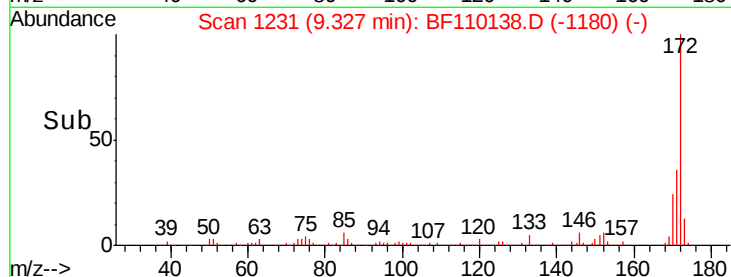
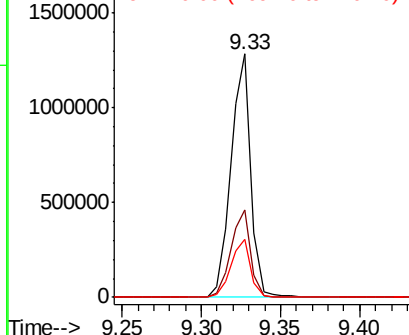
#45
2-Fluorobiphenyl
Concen: 110.460 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1109062
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.8 19.7 29.5

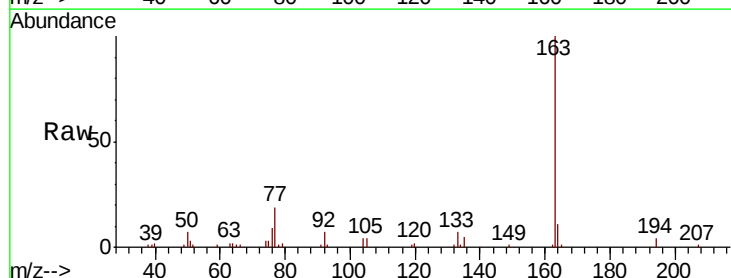


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

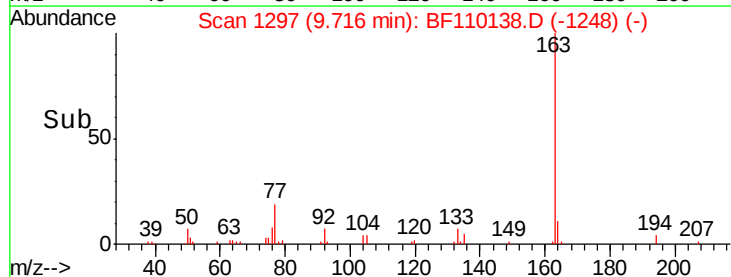
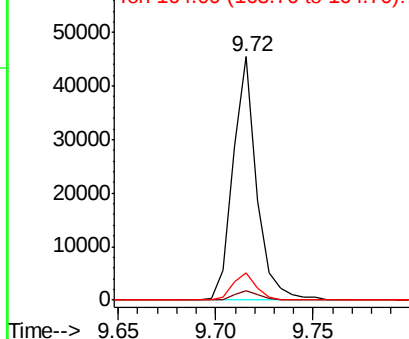


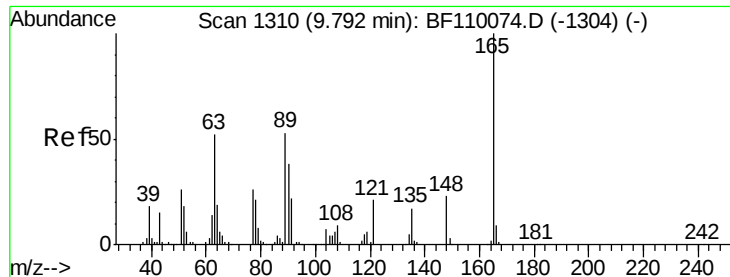
#50
Dimethylphthalate
Concen: 3.288 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion:163 Resp: 38268
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 11.1 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: 8.130 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF110138.D

Acq: 25 Oct 2018 2:48

Instrument :

BNA_F

ClientSampleId :

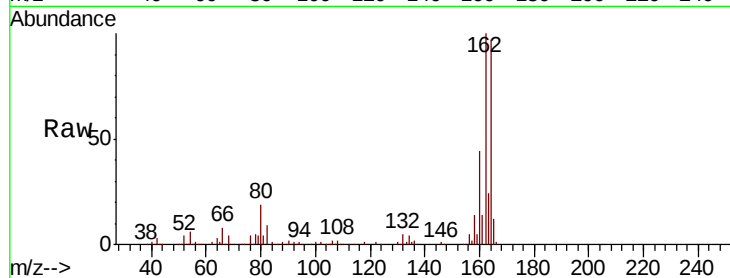
Tot Ion:165 Resp: 20380

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

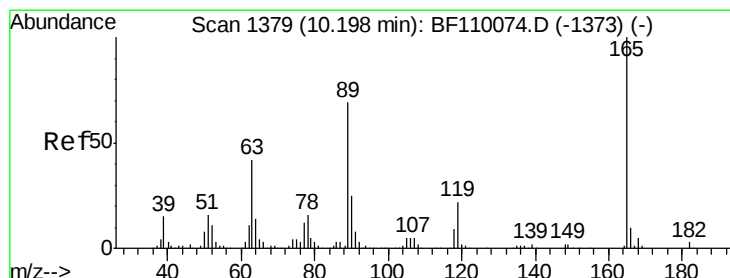
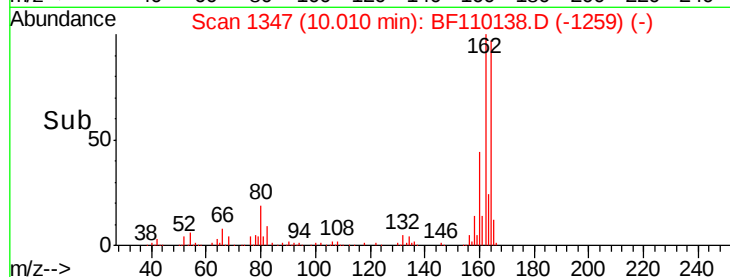
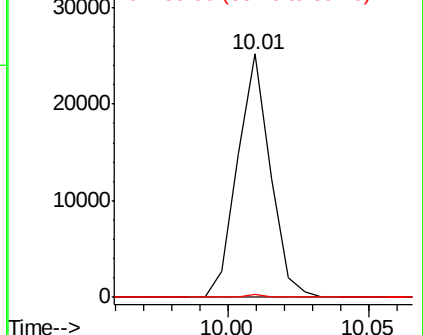
89 1.3 46.6 69.8#



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: 6.400 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.18 min

Lab File: BF110138.D

Acq: 25 Oct 2018 2:48

Tgt Ion:165 Resp: 20380

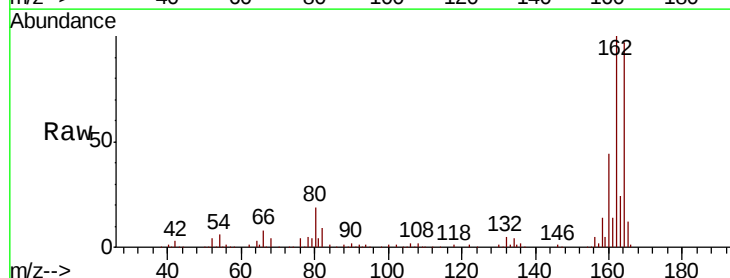
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.3 62.2 93.4#

182 0.0 2.1 3.1#

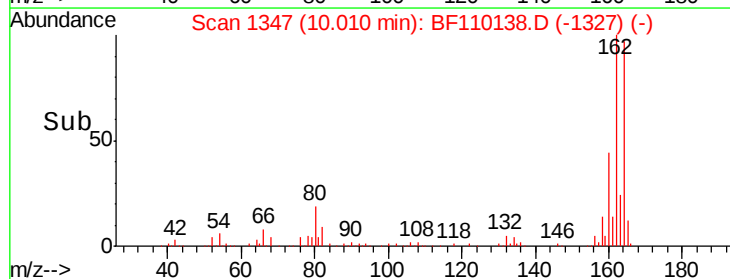
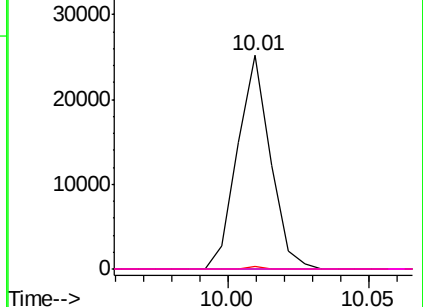


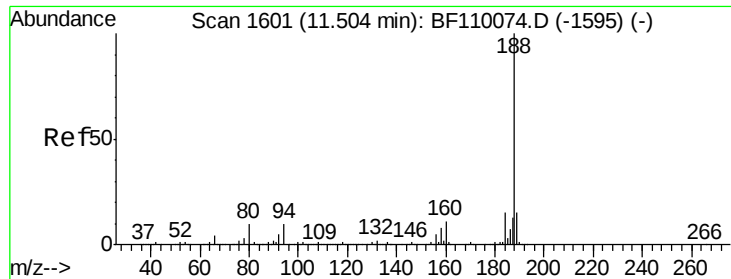
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110138.D

Acq: 25 Oct 2018 2:48

Instrument :

BNA_F

ClientSampleId :

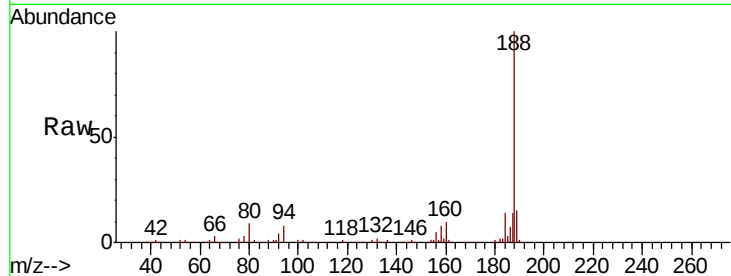
Tot Ion:188 Resp: 271035

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

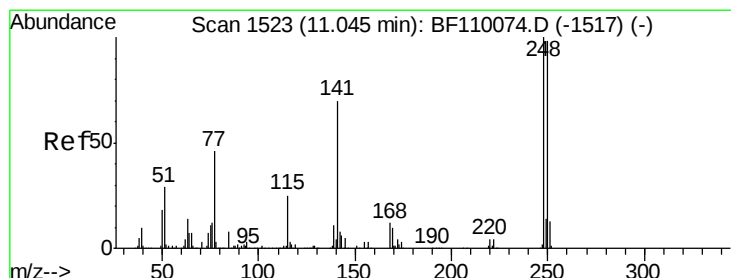
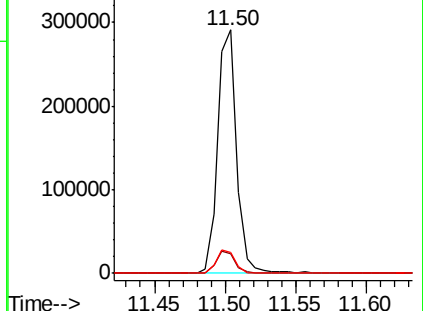
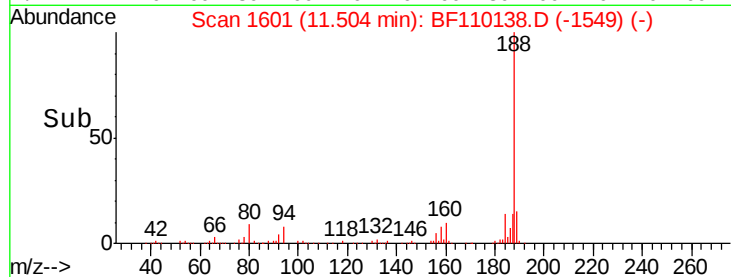
80 8.5 7.9 11.9



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: 2.677 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.24 min

Lab File: BF110138.D

Acq: 25 Oct 2018 2:48

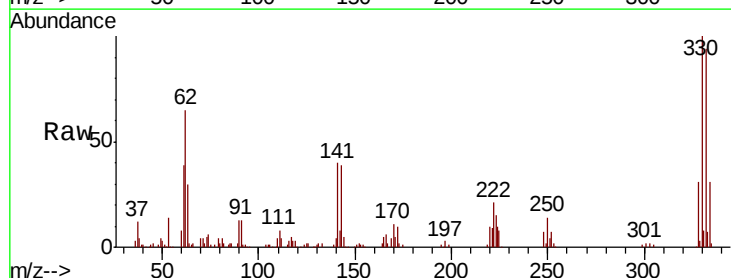
Tgt Ion:248 Resp: 7870

Ion Ratio Lower Upper

248 100

250 207.0 79.4 119.2#

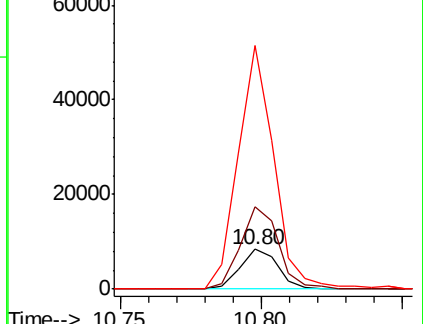
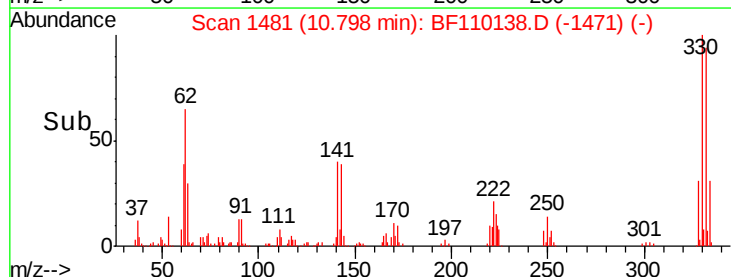
141 608.5 55.9 83.9#

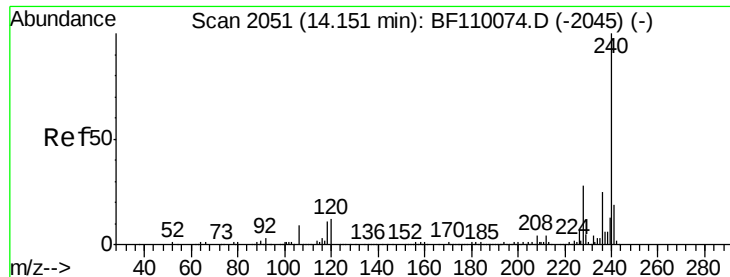


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.00 min

Lab File: BF110138.D

Acq: 25 Oct 2018 2:48

Instrument :

BNA_F

ClientSampleId :

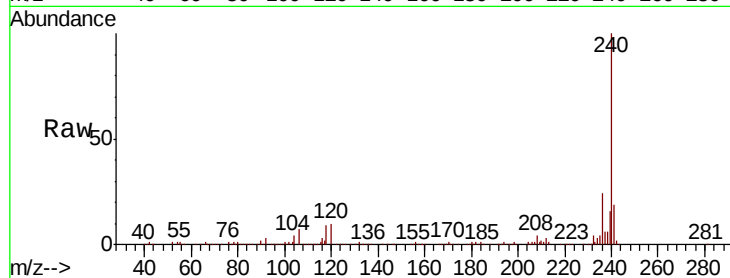
Tot Ion:240 Resp: 258314

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

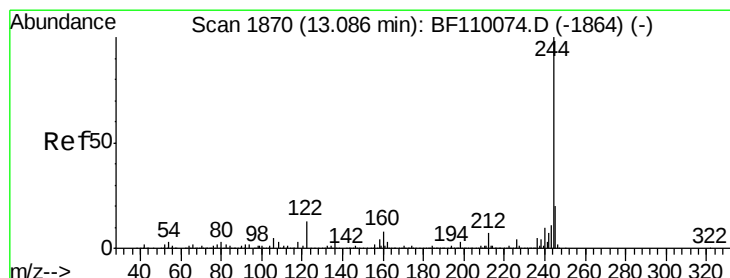
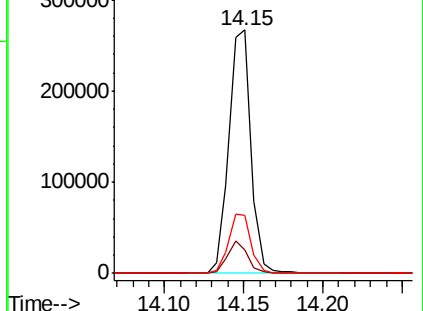
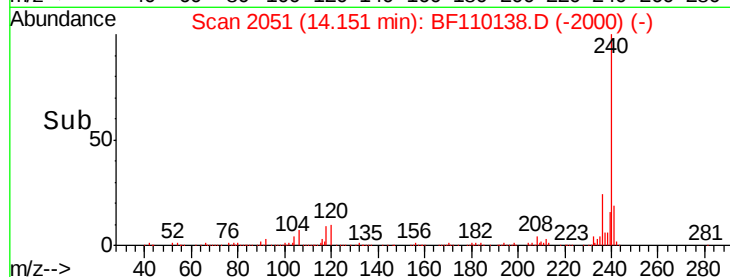
236 24.0 21.2 31.8



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: 78.959 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF110138.D

Acq: 25 Oct 2018 2:48

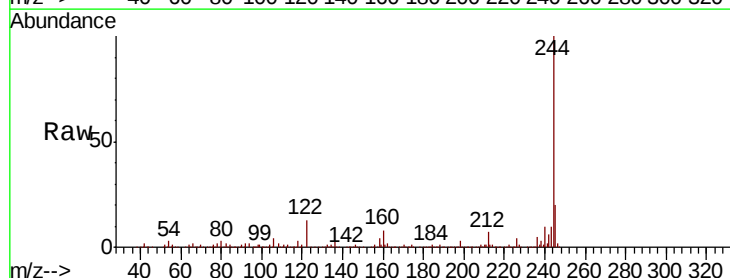
Tgt Ion:244 Resp: 980725

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

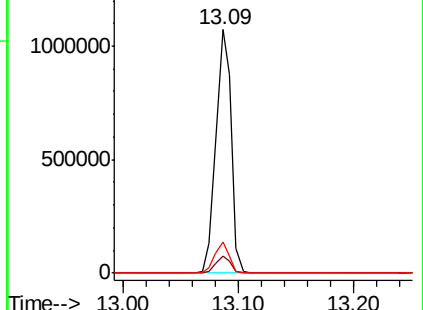
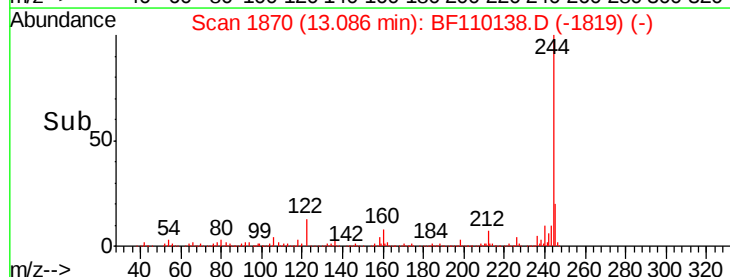
122 13.0 8.7 13.1

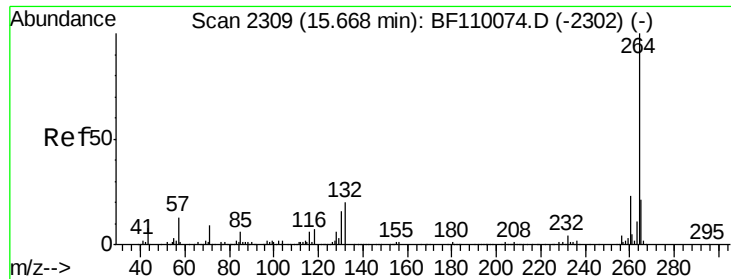


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF110138.D
 Acq: 25 Oct 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	21.2	16.7	25.1

