

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110551.D
 Acq On : 7 Nov 2018 8:53
 Operator : JU/SJ
 Sample : J5808-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 13:53:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

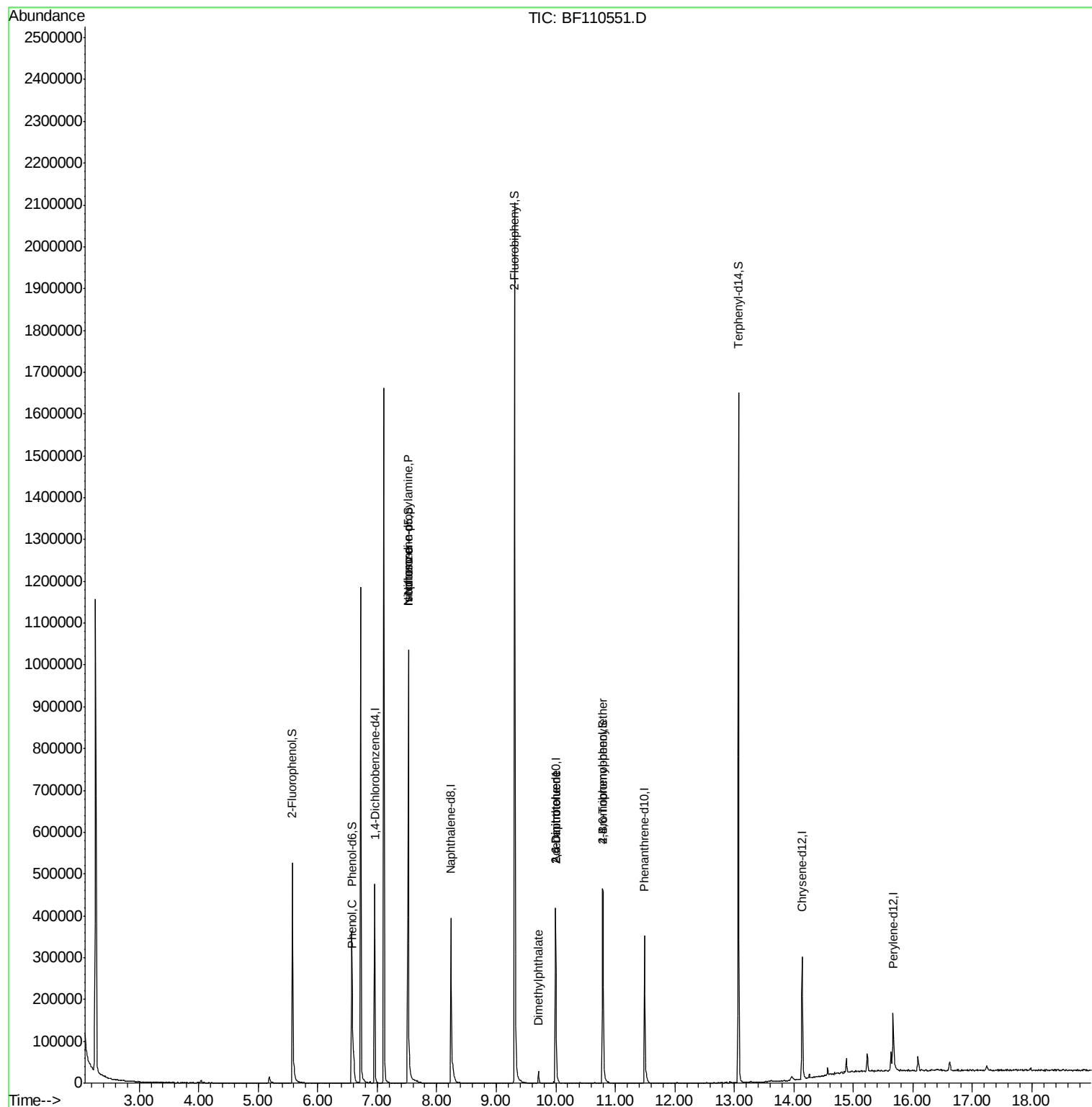
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	72595	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	251520	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	98675	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	173537	20.00	ng	0.00
76) Chrysene-d12	14.14	240	120676	20.00	ng	0.00
87) Perylene-d12	15.67	264	83449	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	171545	38.48	ng	0.00
7) Phenol-d6	6.57	99	133371	23.39	ng	0.00
23) Nitrobenzene-d5	7.52	82	386707	91.19	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	72409	74.08	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	682742	108.65	ng	0.00
79) Terphenyl-d14	13.07	244	597415	102.96	ng	0.00
Target Compounds						
10) Phenol	6.59	94	18478	3.032	ng	# 75
19) n-Nitroso-di-n-propylamine	7.52	70	49271	13.469	ng	# 78
25) Isophorone	7.52	82	386705	53.498	ng	# 67
50) Dimethylphthalate	9.71	163	19312	2.651	ng	# 99
51) 2,6-Dinitrotoluene	10.00	165	11976	7.633	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	11976	6.009	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	4510	2.396	ng	# 1

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

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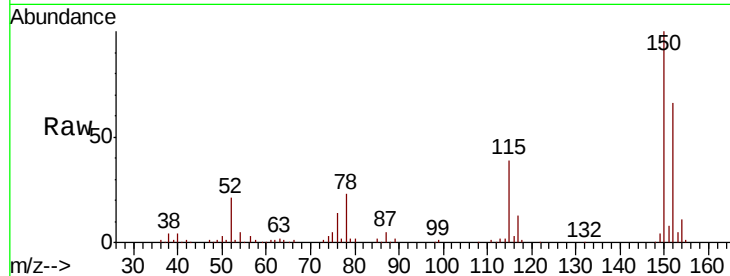


#1

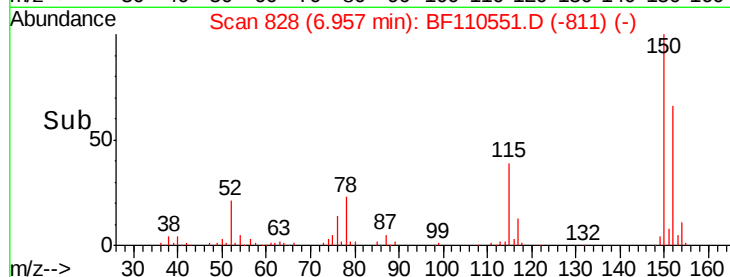
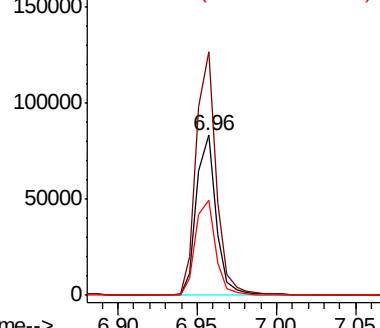
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110551.D
Acq: 7 Nov 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72595
Ion Ratio Lower Upper
152 100
150 152.0 122.7 184.1
115 59.5 49.1 73.7



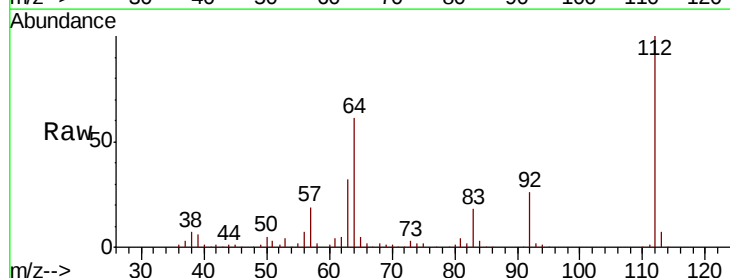
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



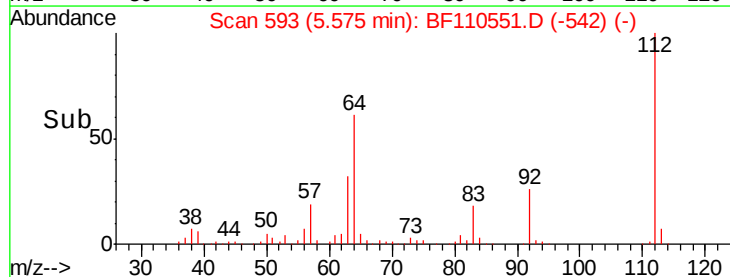
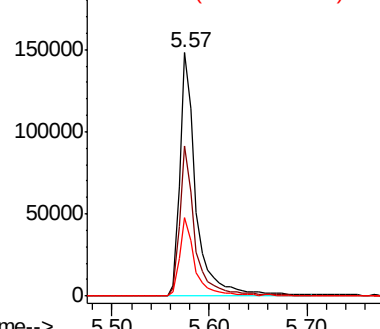
#5

2-Fluorophenol
Concen: 38.481 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF110551.D
Acq: 7 Nov 2018 8:53

Tgt Ion:112 Resp: 171545
Ion Ratio Lower Upper
112 100
64 61.5 44.1 66.1
63 32.2 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: 23.390 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110551.D

Acq: 7 Nov 2018 8:53

Instrument :

BNA_F

ClientSampleId :

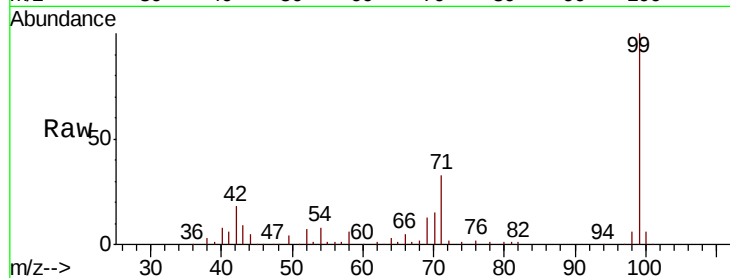
Tot Ion: 99 Resp: 133371

Ion Ratio Lower Upper

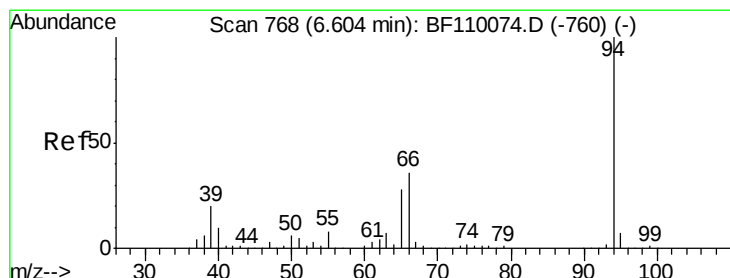
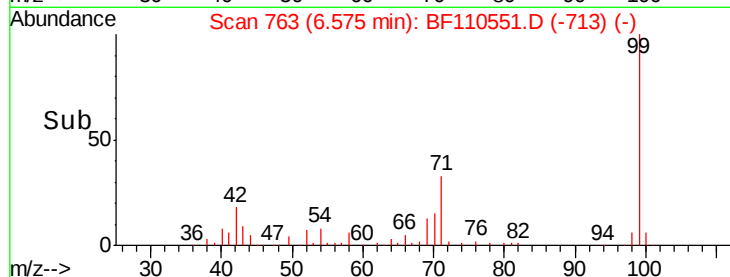
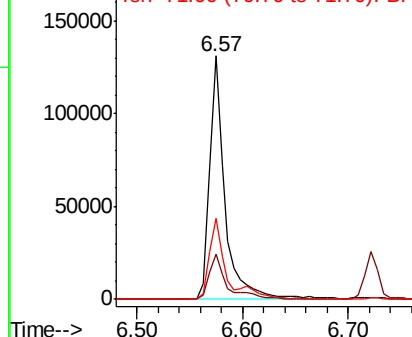
99 100

42 18.5 15.8 23.6

71 33.0 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: 3.032 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110551.D

Acq: 7 Nov 2018 8:53

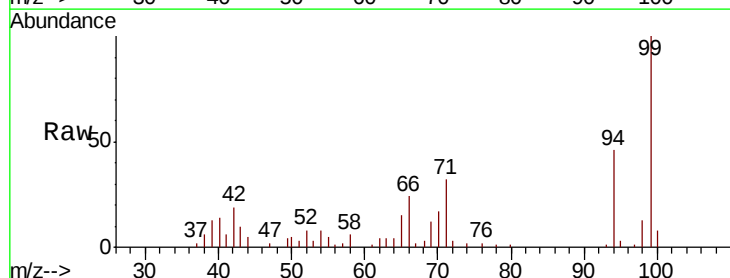
Tgt Ion: 94 Resp: 18478

Ion Ratio Lower Upper

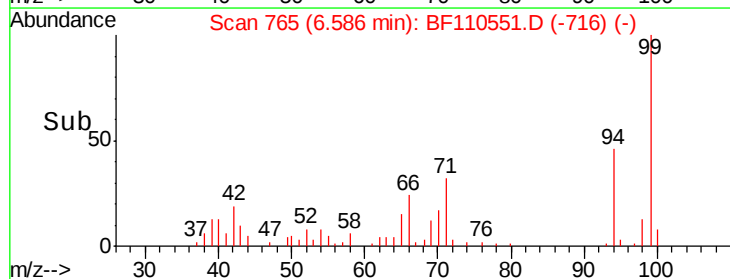
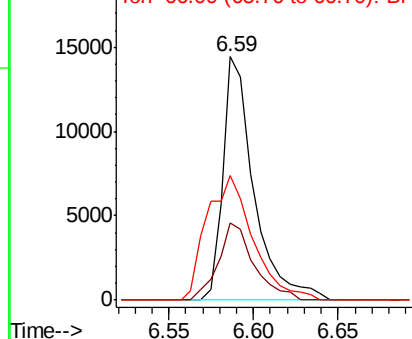
94 100

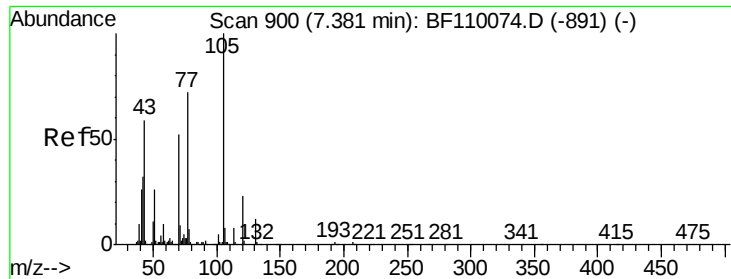
65 31.8 25.3 65.3

66 51.4 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

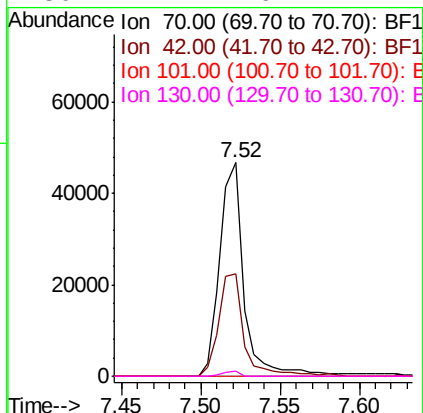
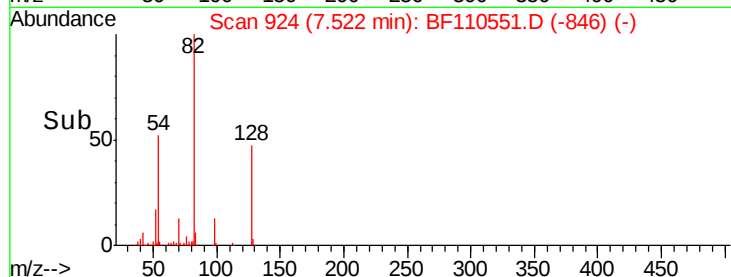
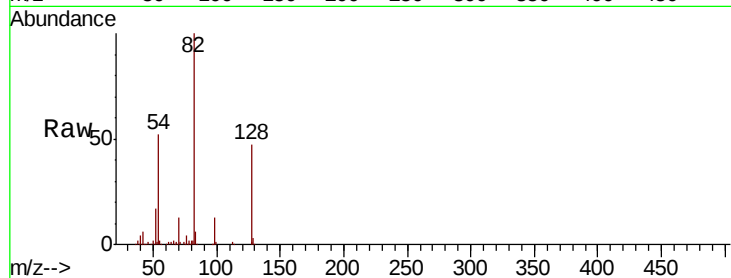




#19
n-Nitroso-di-n-propylamine
Concen: 13.469 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110551.D
Acq: 7 Nov 2018 8:53

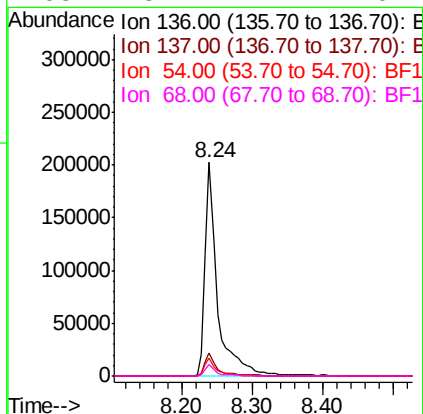
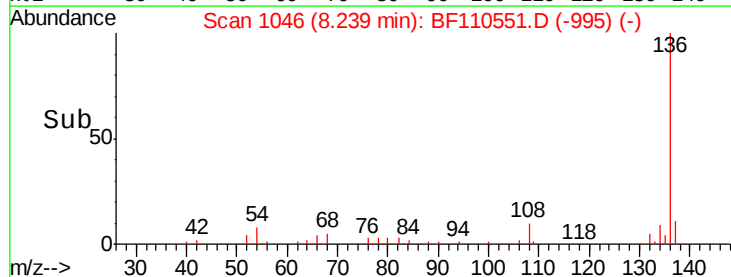
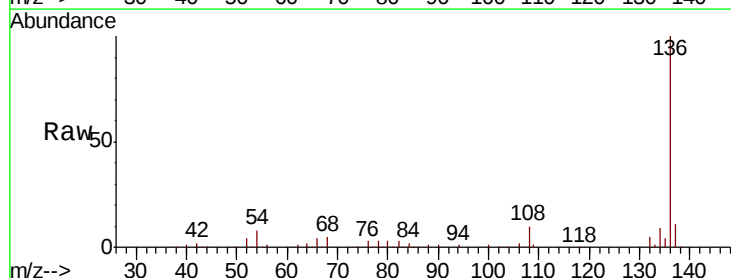
Instrument :
BNA_F
ClientSampleId :

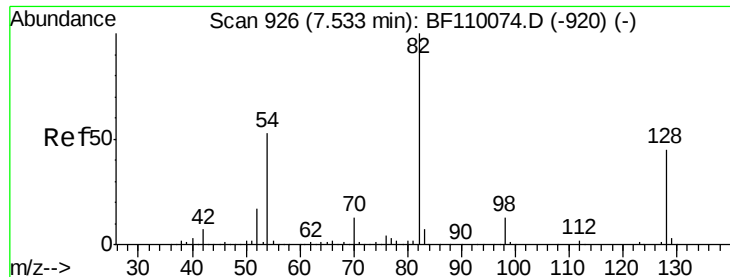
Tot Ion: 70 Resp: 49271
Ion Ratio Lower Upper
70 100
42 47.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110551.D
Acq: 7 Nov 2018 8:53

Tgt Ion: 136 Resp: 251520
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 5.4 8.2#
68 5.2 4.2 6.2

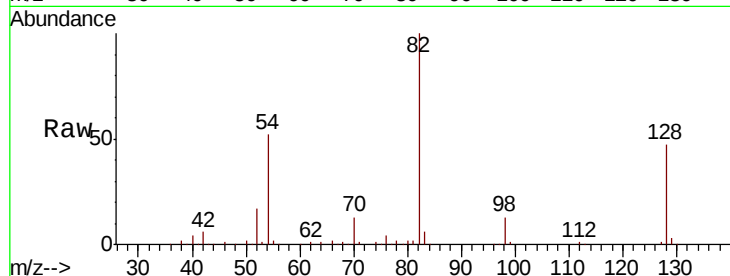




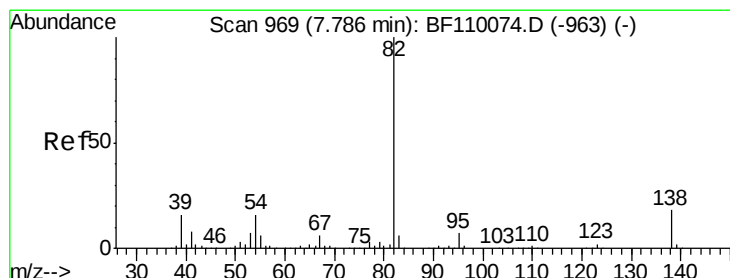
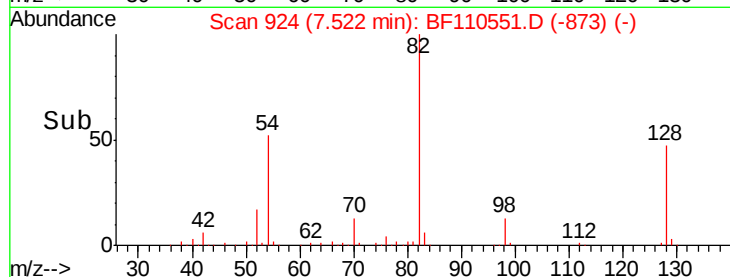
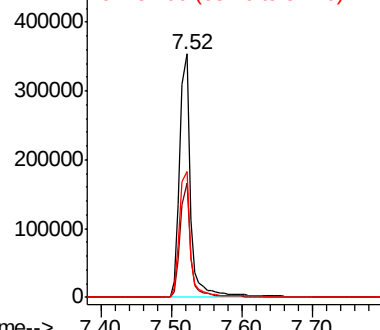
#23
Nitrobenzene-d5
Concen: 91.193 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF110551.D
Acq: 7 Nov 2018 8:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	386707
Ion Ratio	100	Lower	Upper
128	46.9	34.2	51.2
54	51.7	38.6	58.0

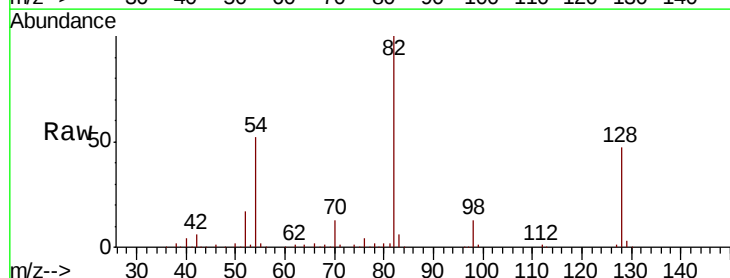


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

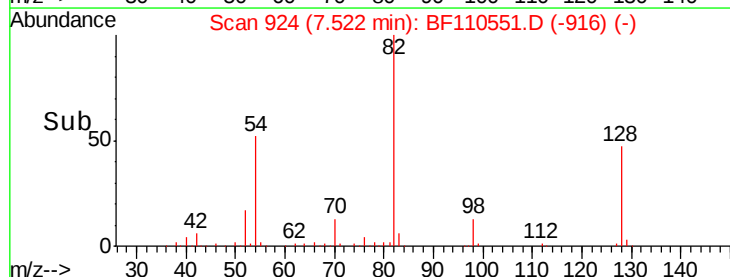
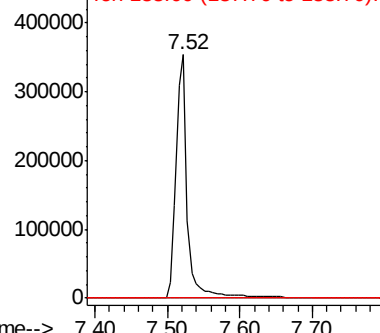


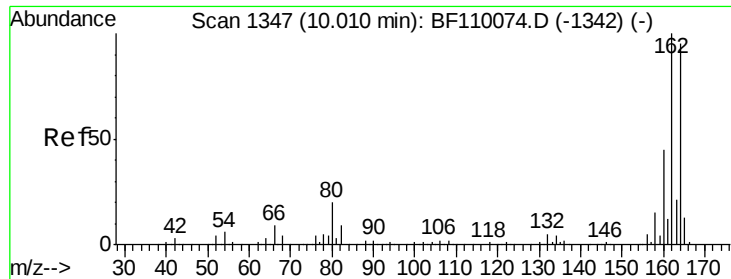
#25
Isophorone
Concen: 53.498 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110551.D
Acq: 7 Nov 2018 8:53

Tgt Ion	82	Resp	386705
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: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF110551.D

Acq: 7 Nov 2018 8:53

Instrument :

BNA_F

ClientSampleId :

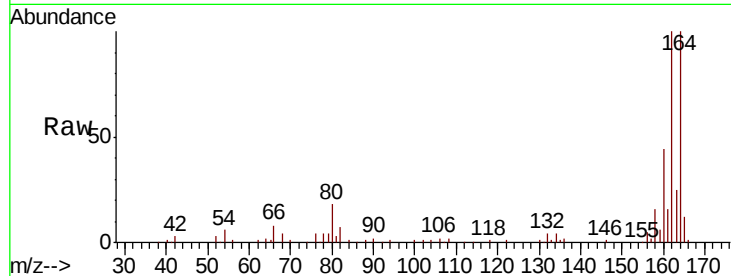
Tot Ion:164 Resp: 98675

Ion Ratio Lower Upper

164 100

162 100.4 83.0 124.6

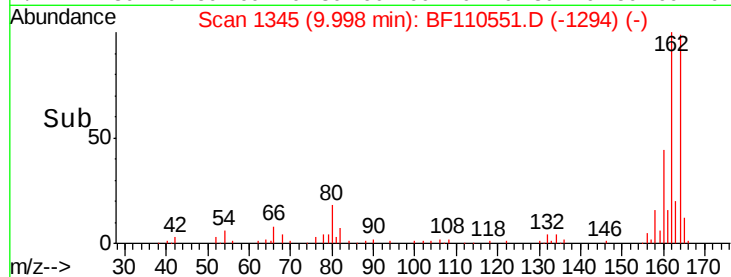
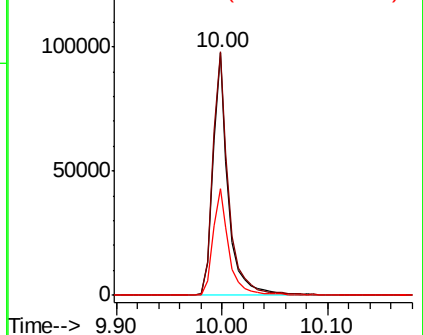
160 44.2 37.0 55.6



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: 74.080 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF110551.D

Acq: 7 Nov 2018 8:53

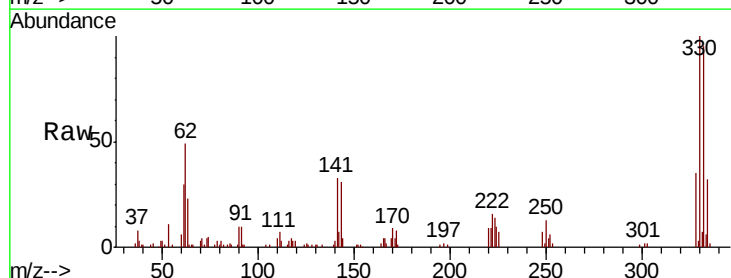
Tgt Ion:330 Resp: 72409

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

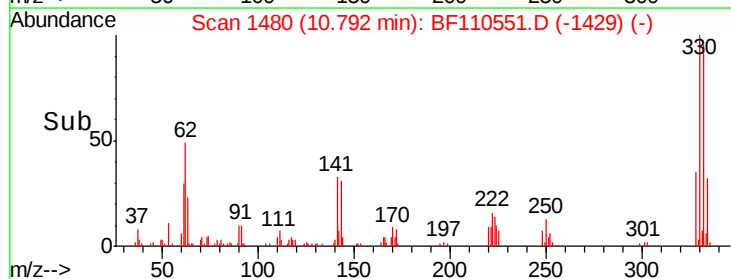
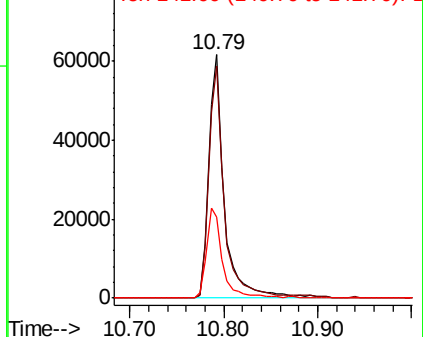
141 37.3 27.0 40.4



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

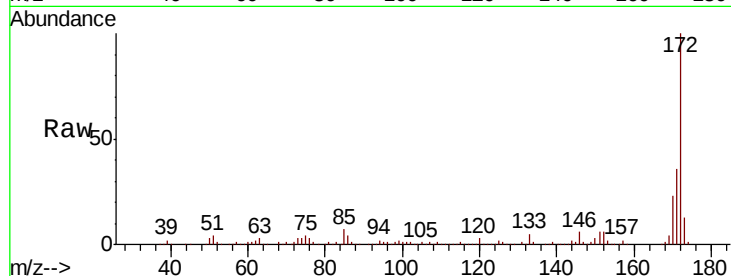




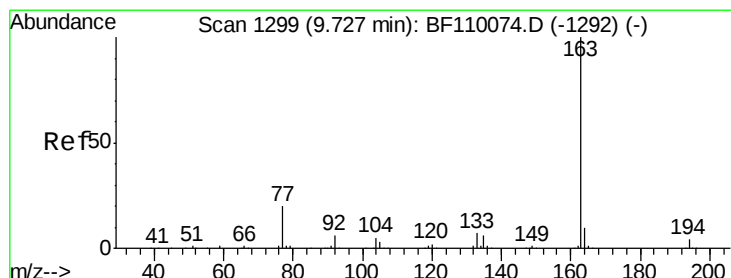
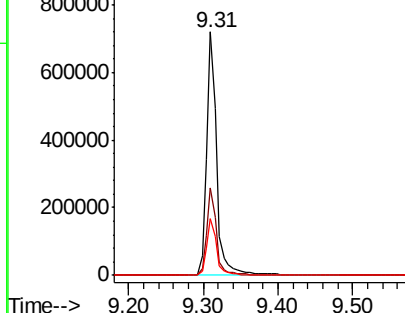
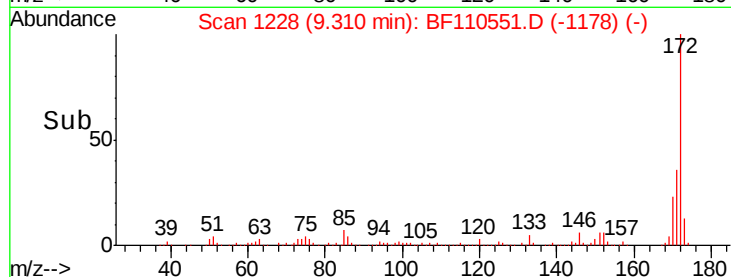
#45
 2-Fluorobiphenyl
 Concen: 108.648 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110551.D
 Acq: 7 Nov 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 682742
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.1 19.7 29.5

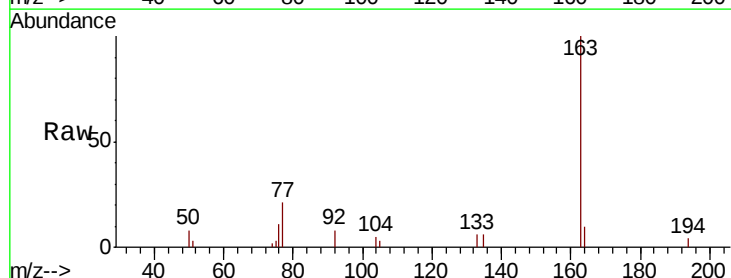


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

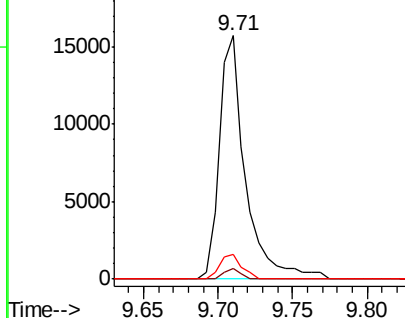
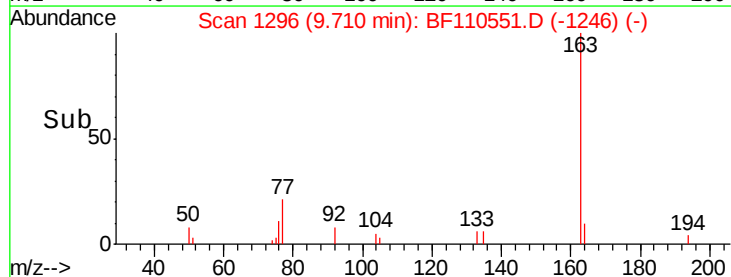


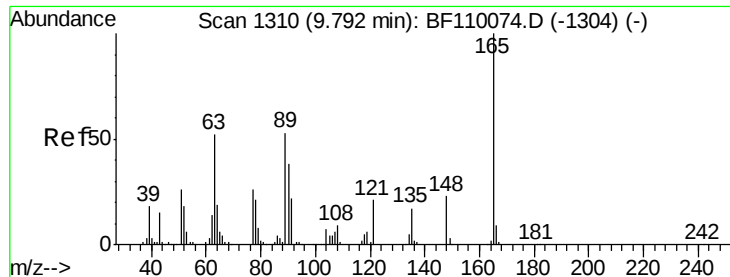
#50
 Dimethylphthalate
 Concen: 2.651 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF110551.D
 Acq: 7 Nov 2018 8:53

Tgt Ion:163 Resp: 19312
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.2 4.8
 164 10.3 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: 7.633 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110551.D

Acq: 7 Nov 2018 8:53

Instrument :

BNA_F

ClientSampleId :

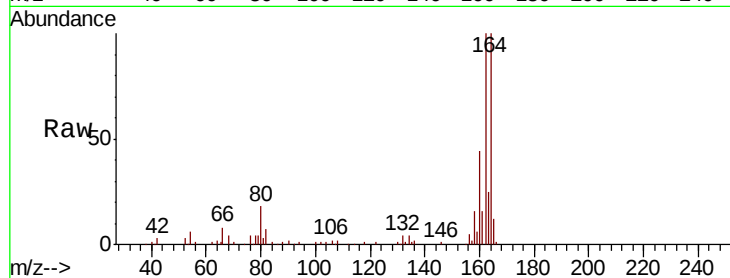
Tot Ion:165 Resp: 11976

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

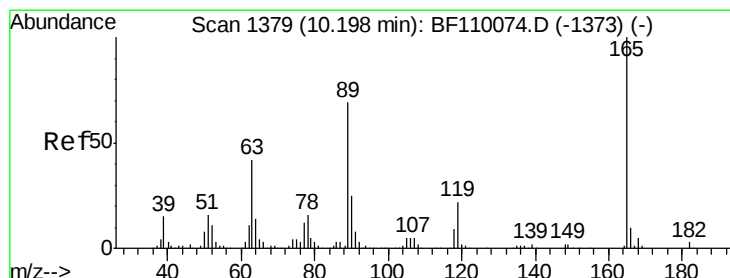
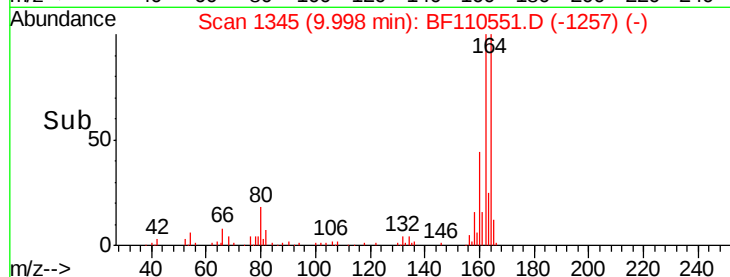
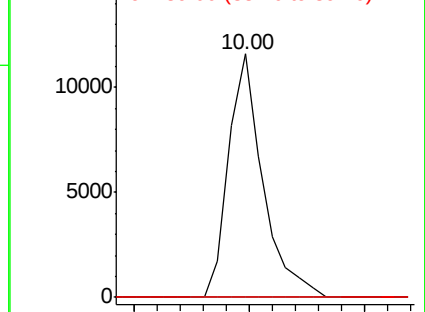
89 0.0 46.6 69.8#



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: 6.009 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110551.D

Acq: 7 Nov 2018 8:53

Tgt Ion:165 Resp: 11976

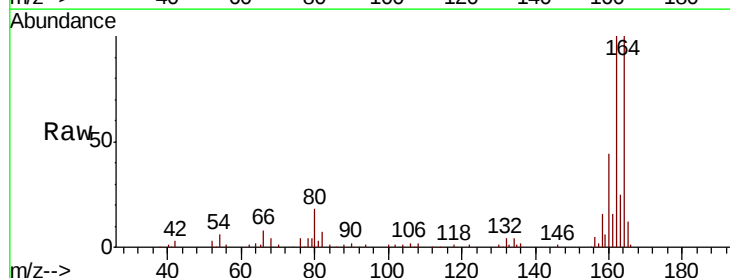
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

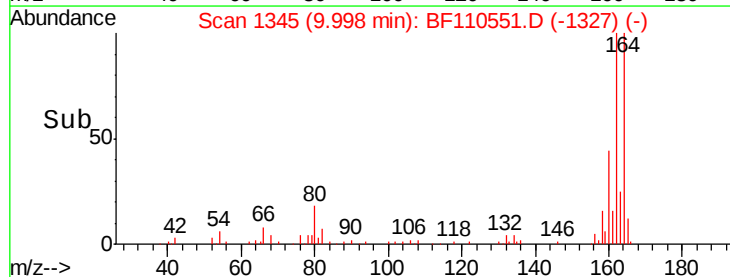
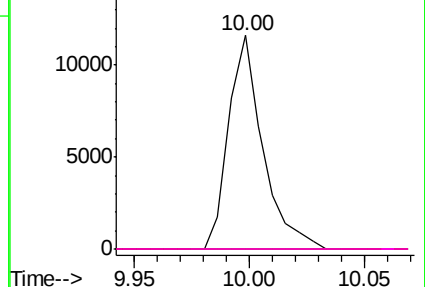


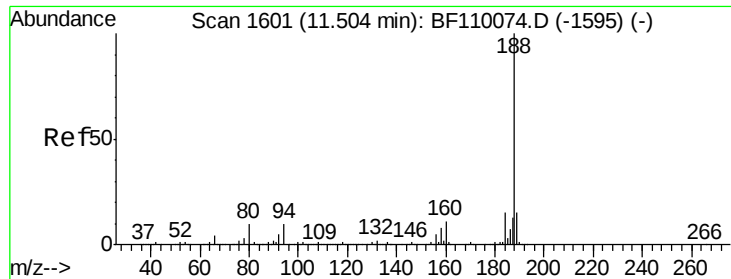
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF110551.D

Acq: 7 Nov 2018 8:53

Instrument :

BNA_F

ClientSampleId :

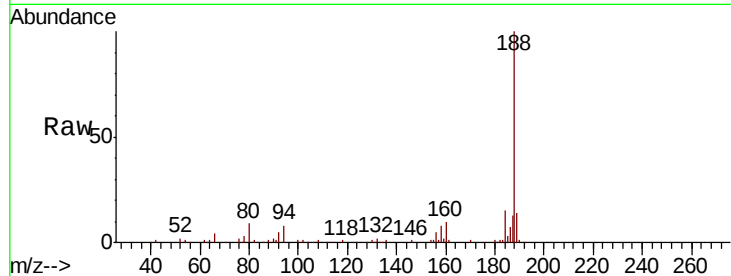
Tot Ion:188 Resp: 173537

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

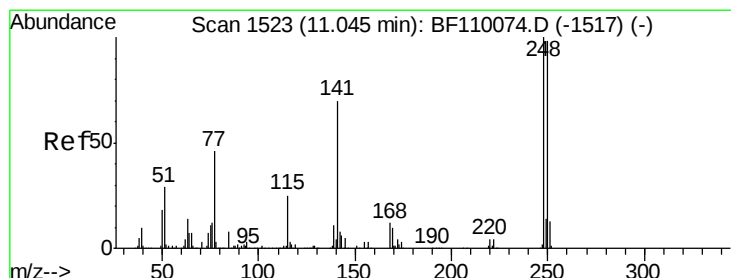
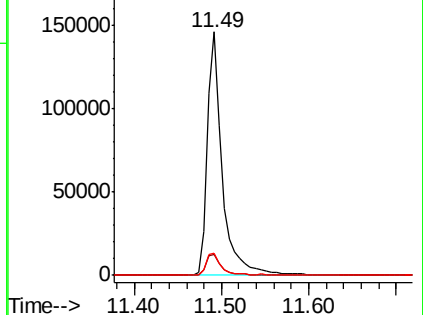
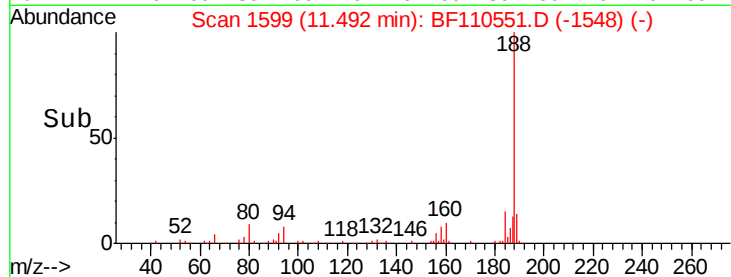
80 9.3 7.9 11.9



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: 2.396 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF110551.D

Acq: 7 Nov 2018 8:53

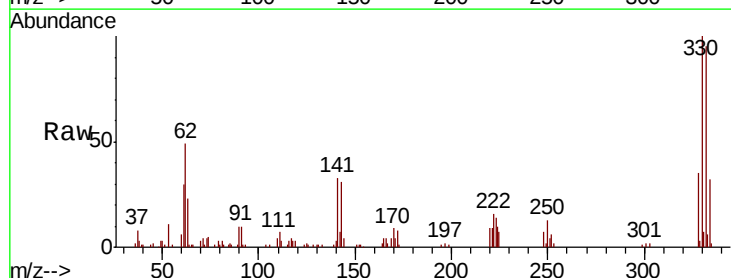
Tgt Ion:248 Resp: 4510

Ion Ratio Lower Upper

248 100

250 183.5 79.4 119.2#

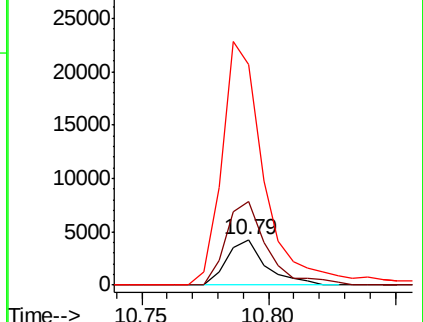
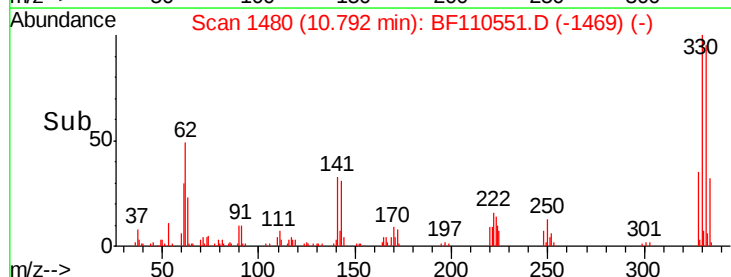
141 486.5 55.9 83.9#

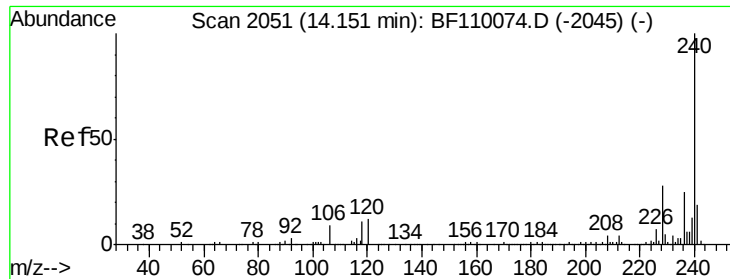


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

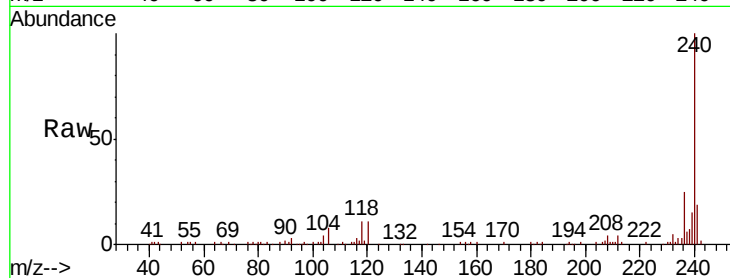




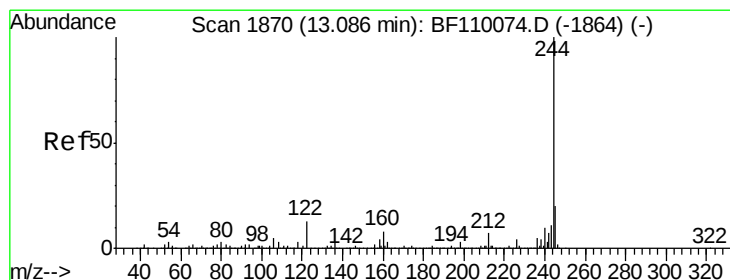
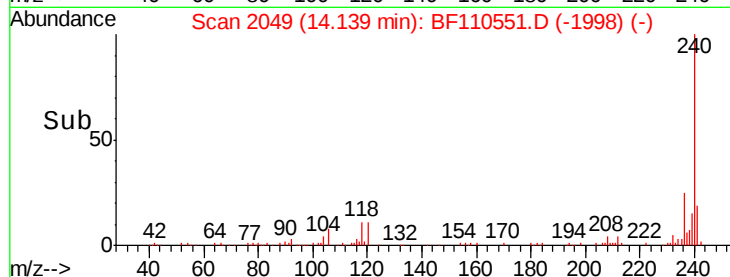
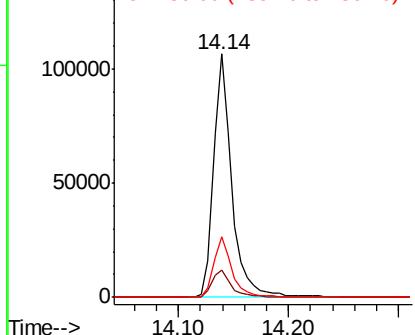
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF110551.D
Acq: 7 Nov 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	24.8	21.2	31.8

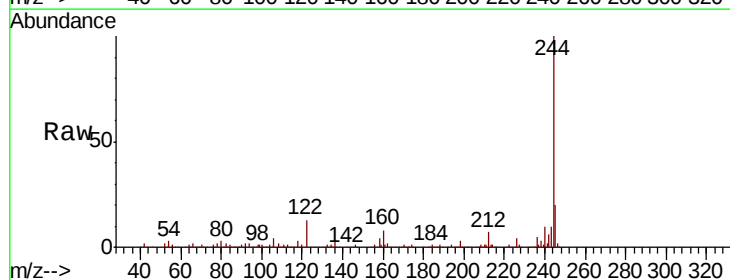


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

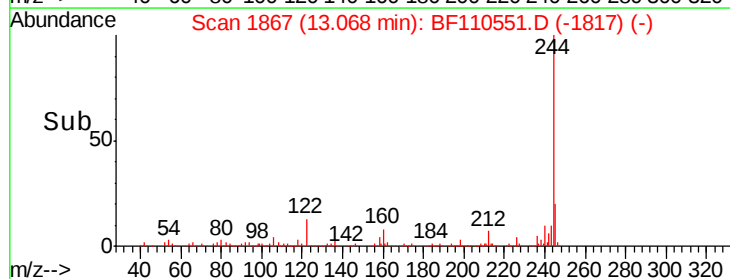
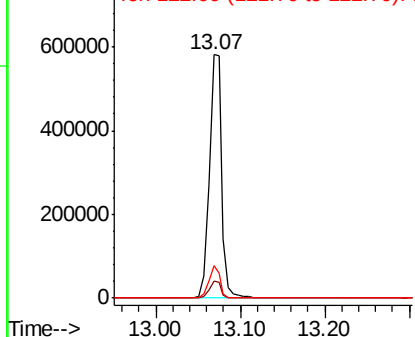


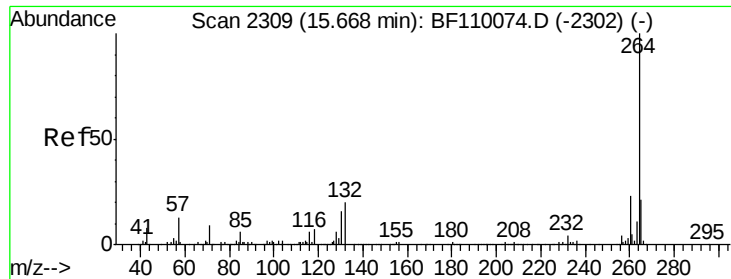
#79
Terphenyl-d14
Concen: 102.958 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110551.D
Acq: 7 Nov 2018 8:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.2	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# 2309
Delta R.T. 0.01 min
Lab File: BF110551.D
Acq: 7 Nov 2018 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	22.4	16.7	25.1

