

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110553.D
 Acq On : 7 Nov 2018 9:47
 Operator : JU/SJ
 Sample : J5808-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 13:53:32 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

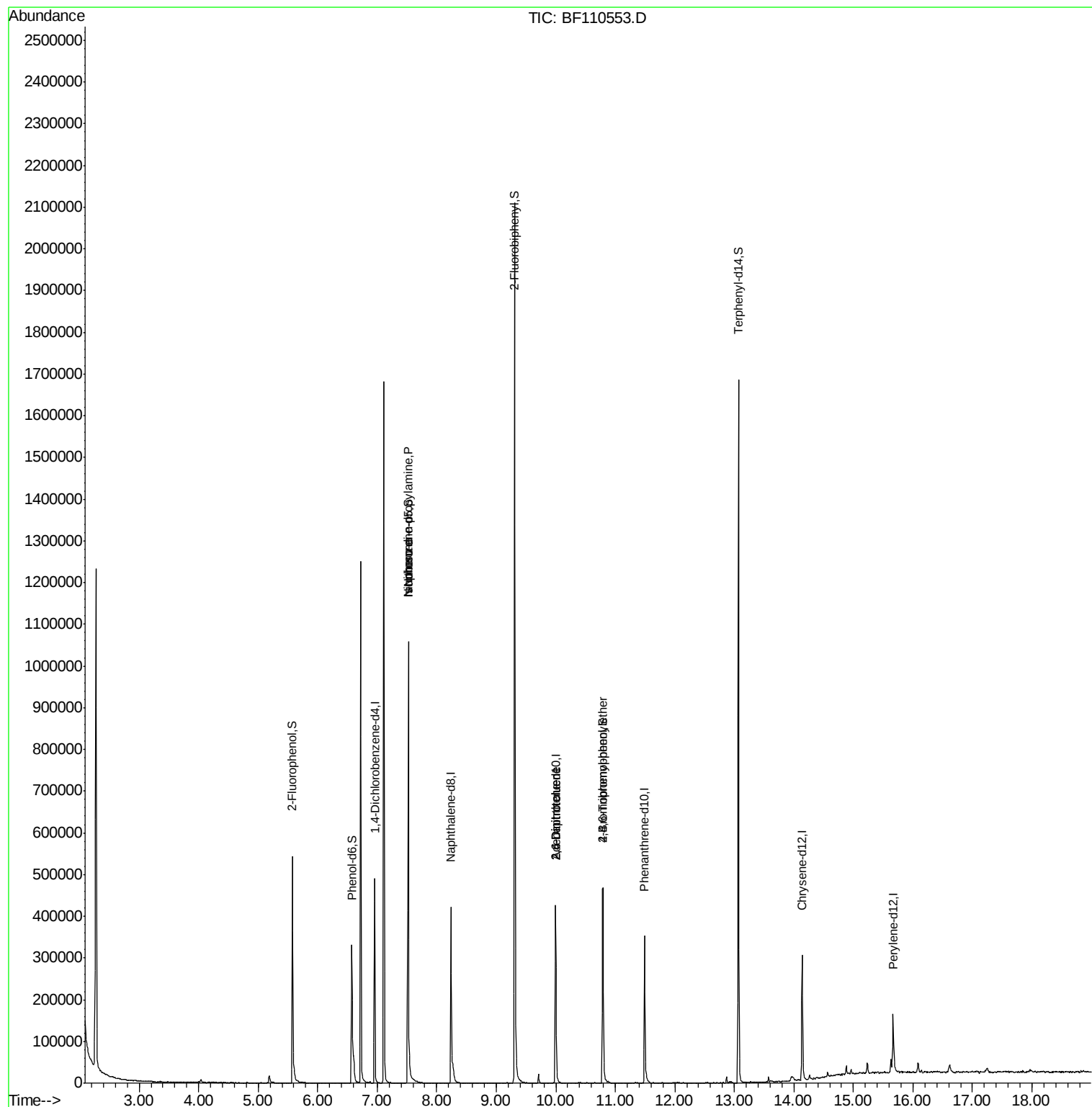
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	75651	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	265178	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	102158	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	180489	20.00	ng	0.00
76) Chrysene-d12	14.14	240	122852	20.00	ng	0.00
87) Perylene-d12	15.67	264	85227	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	169937	36.58	ng	0.00
7) Phenol-d6	6.57	99	131713	22.17	ng	0.00
23) Nitrobenzene-d5	7.52	82	399908	89.45	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	72368	71.51	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	692361	106.42	ng	0.00
79) Terphenyl-d14	13.07	244	600981	101.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	52683	13.820	ng	# 77
25) Isophorone	7.52	82	399905	52.474	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	12872	7.924	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	12872	6.239	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	4228	2.160	ng	# 1

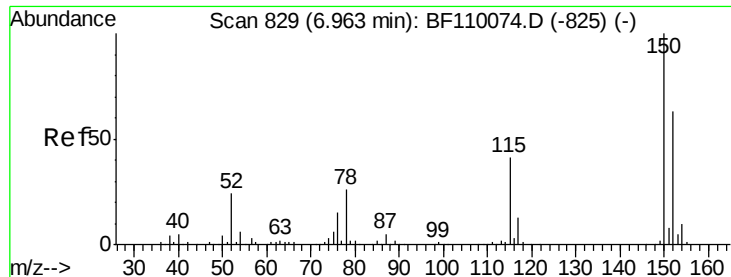
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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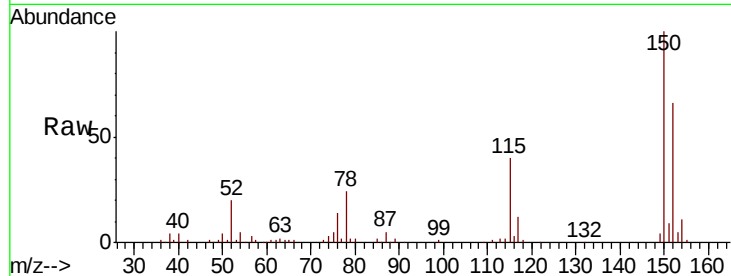


#1

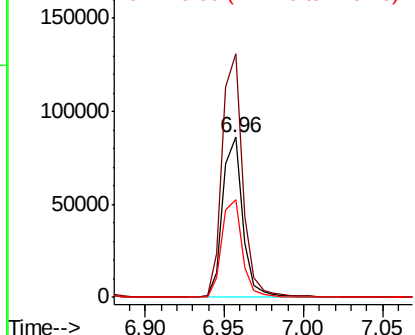
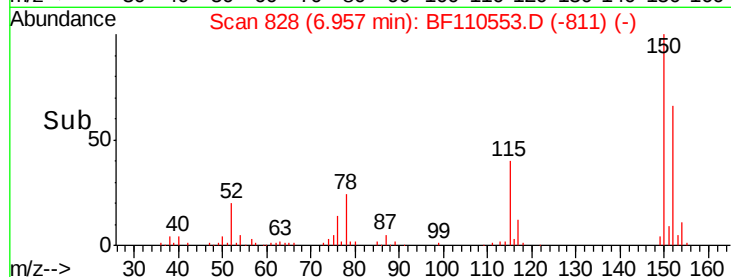
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110553.D
Acq: 7 Nov 2018 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75651
Ion Ratio Lower Upper
152 100
150 151.9 122.7 184.1
115 61.1 49.1 73.7



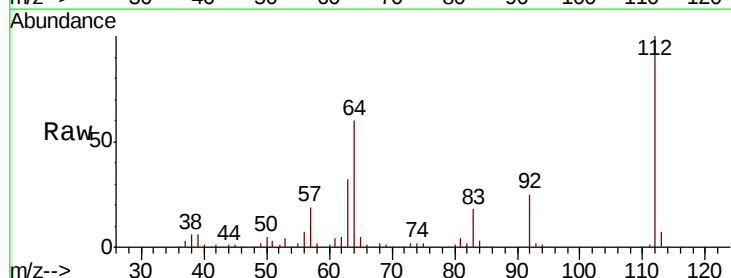
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



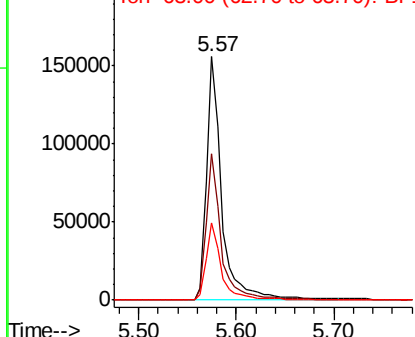
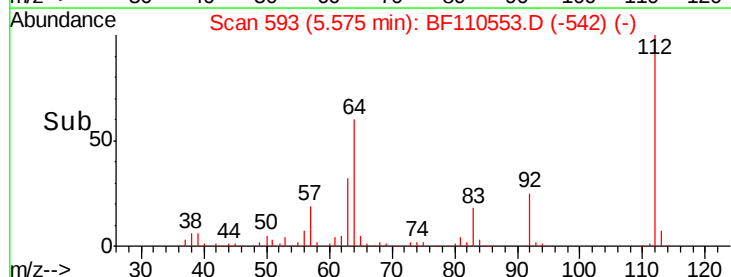
#5

2-Fluorophenol
Concen: 36.580 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110553.D
Acq: 7 Nov 2018 9:47

Tgt Ion:112 Resp: 169937
Ion Ratio Lower Upper
112 100
64 59.9 44.1 66.1
63 31.8 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: 22.166 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110553.D

Acq: 7 Nov 2018 9:47

Instrument :

BNA_F

ClientSampleId :

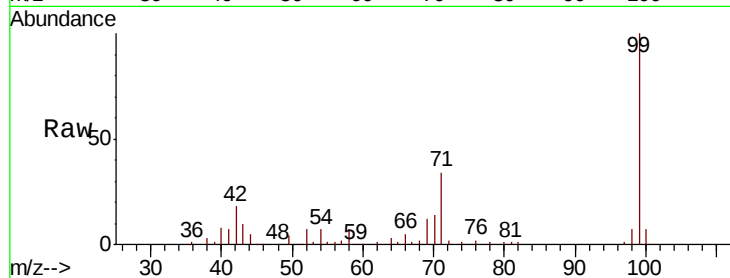
Tot Ion: 99 Resp: 131713

Ion Ratio Lower Upper

99 100

42 17.9 15.8 23.6

71 34.0 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

150000

100000

50000

0

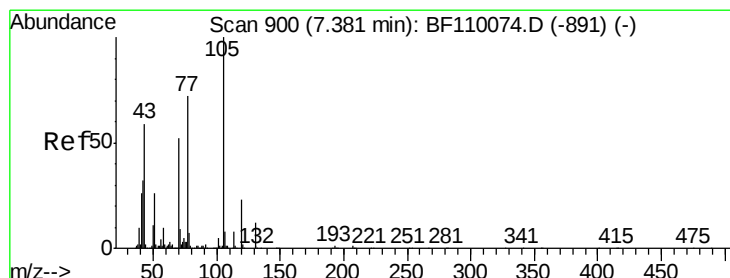
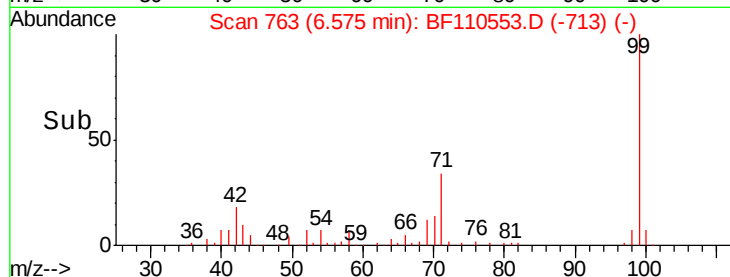
6.57

6.50

6.60

6.70

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 13.820 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110553.D

Acq: 7 Nov 2018 9:47

Tgt Ion: 70 Resp: 52683

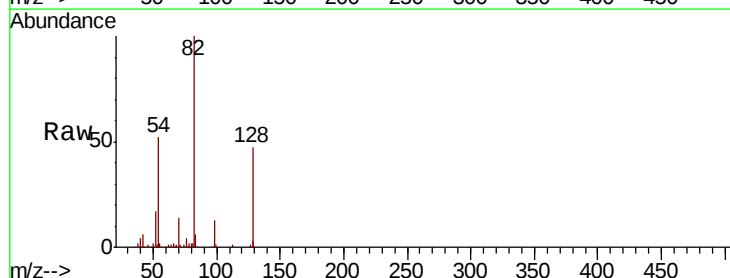
Ion Ratio Lower Upper

70 100

42 45.7 47.4 71.2#

101 0.0 7.3 10.9#

130 2.6 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

60000

40000

20000

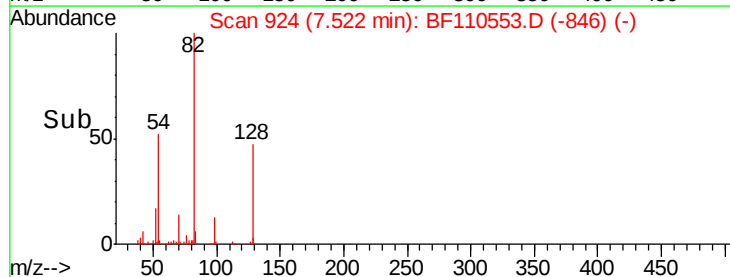
0

7.52

7.50

7.60

Time-->

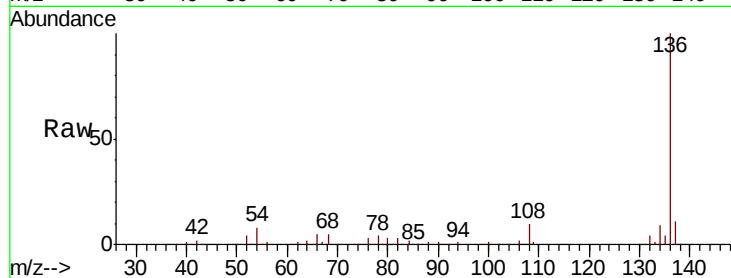




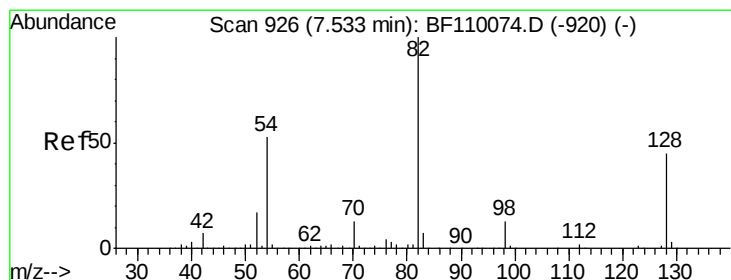
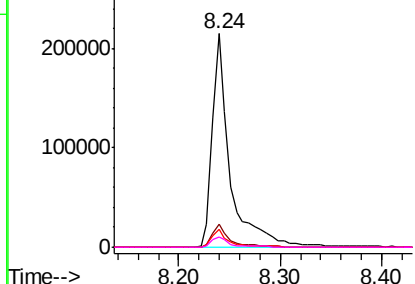
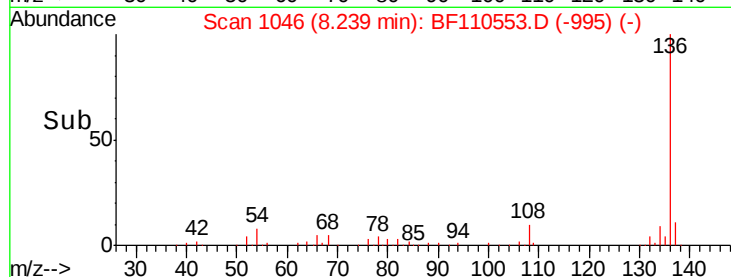
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110553.D
Acq: 7 Nov 2018 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	265178
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	8.5	5.4 8.2#
68	4.9	4.2 6.2

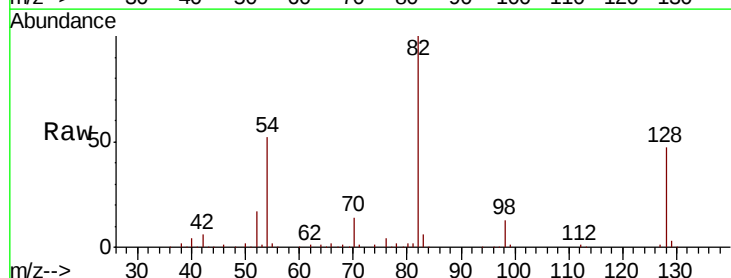


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

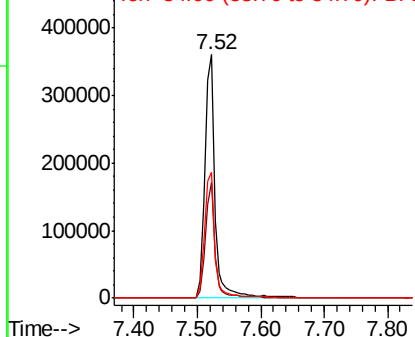
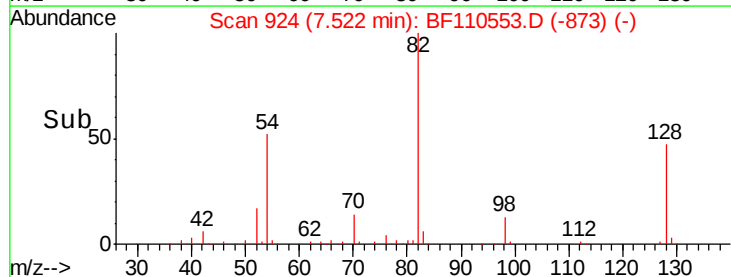


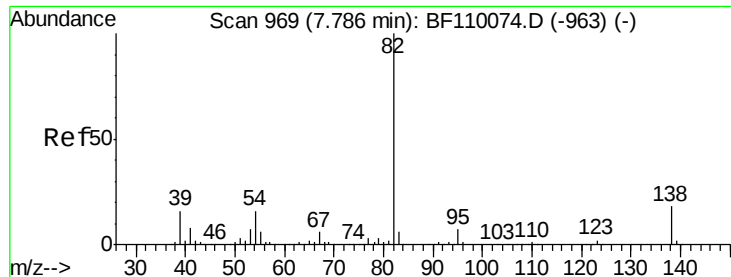
#23
Nitrobenzene-d5
Concen: 89.449 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110553.D
Acq: 7 Nov 2018 9:47

Tgt Ion: 82	Resp:	399908
Ion Ratio	Lower	Upper
82	100	
128	47.4	34.2 51.2
54	51.6	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

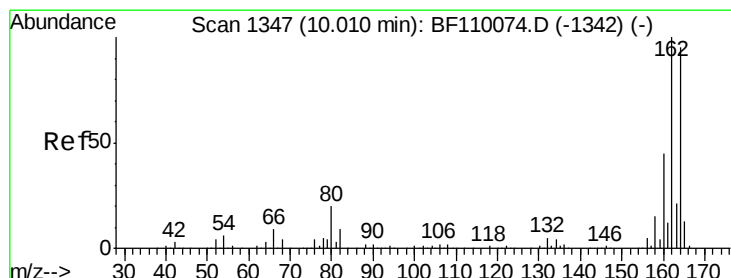
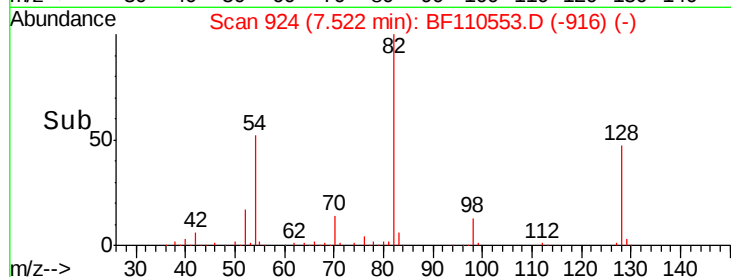
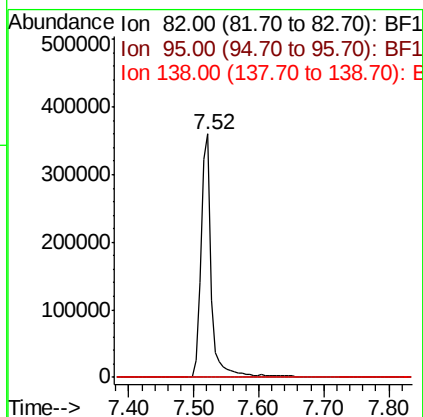
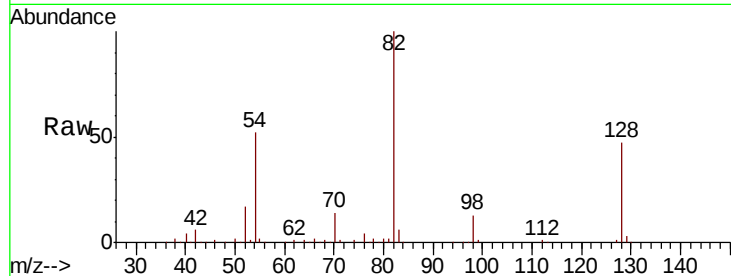




#25
Isophorone
Concen: 52.474 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110553.D
Acq: 7 Nov 2018 9:47

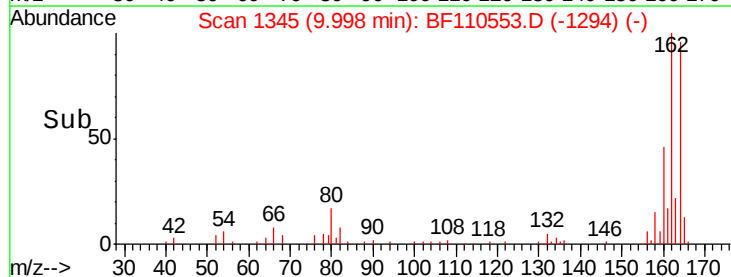
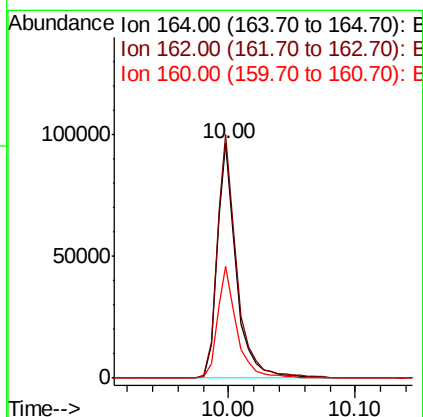
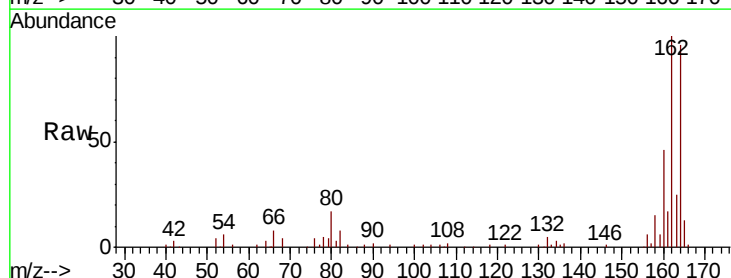
Instrument :
BNA_F
ClientSampled :

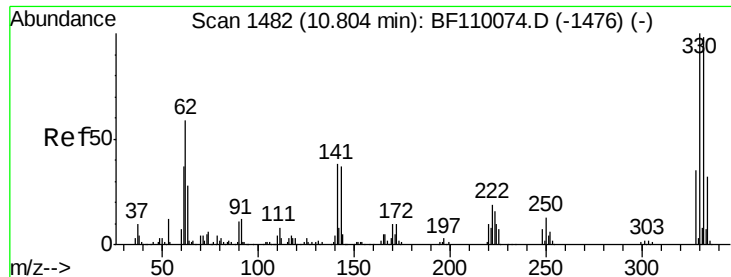
Tot Ion: 82 Resp: 399905
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110553.D
Acq: 7 Nov 2018 9:47

Tgt Ion: 164 Resp: 102158
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 47.6 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 71.514 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110553.D

Acq: 7 Nov 2018 9:47

Instrument :

BNA_F

ClientSampleId :

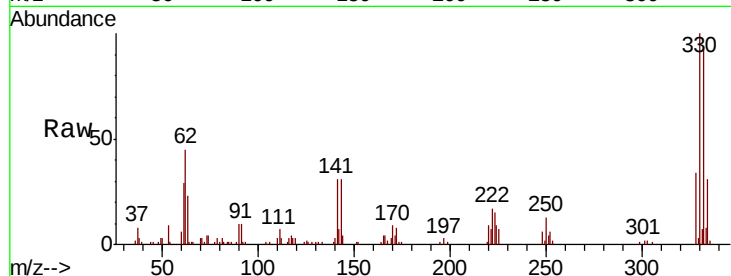
Tot Ion:330 Resp: 72368

Ion Ratio Lower Upper

330 100

332 95.3 77.1 115.7

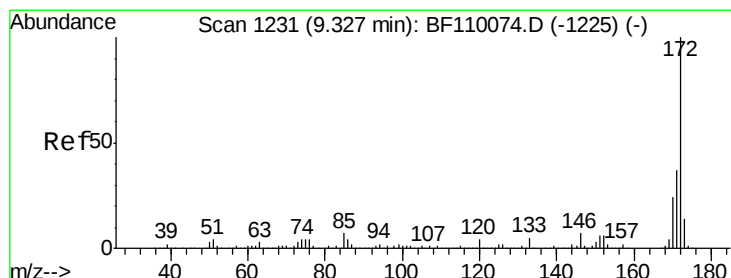
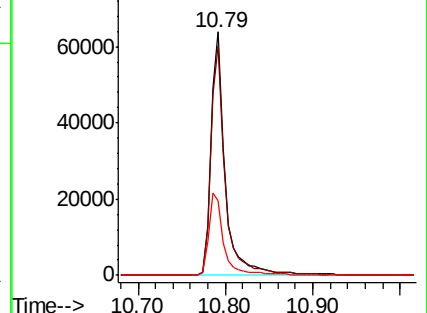
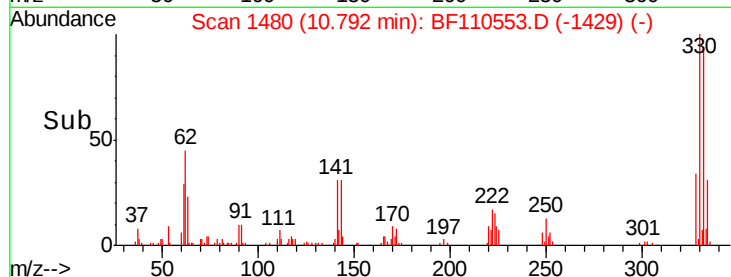
141 35.3 27.0 40.4



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: 106.422 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110553.D

Acq: 7 Nov 2018 9:47

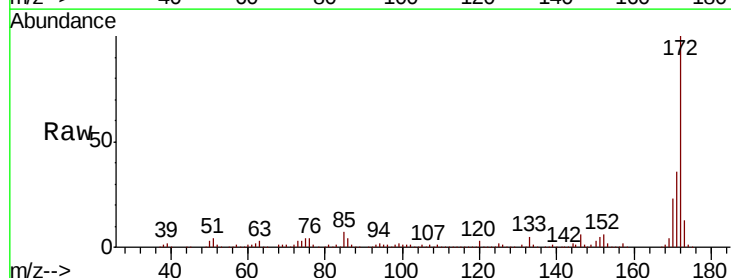
Tgt Ion:172 Resp: 692361

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

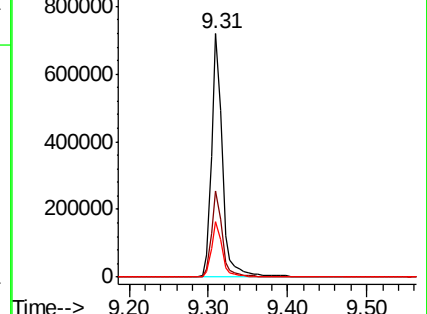
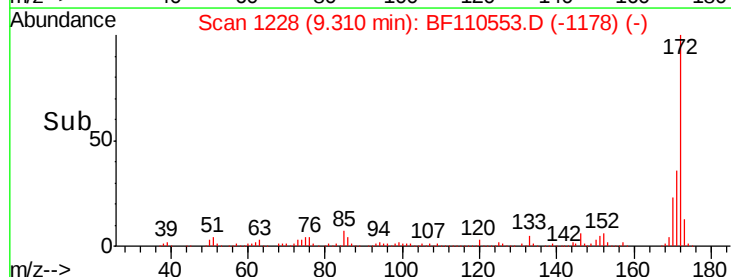
170 23.0 19.7 29.5

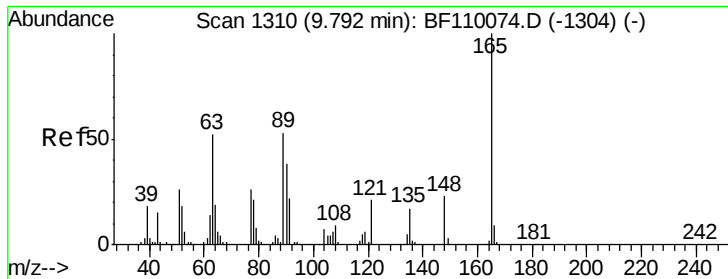


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

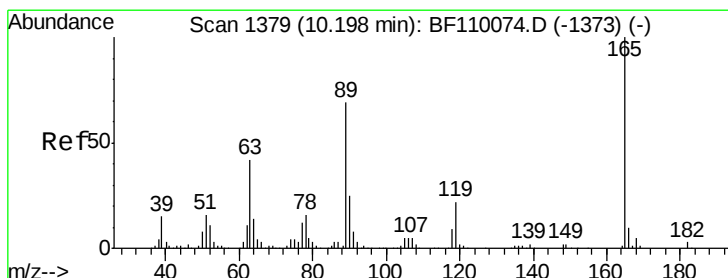
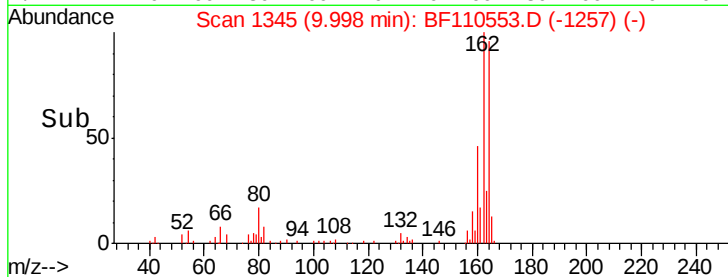
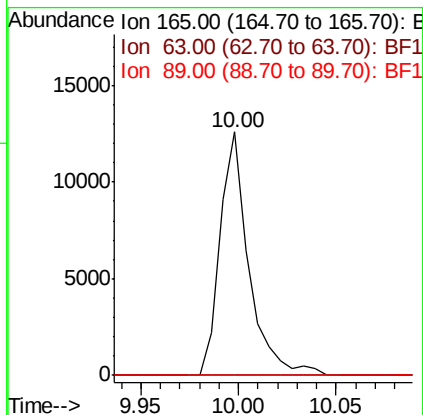
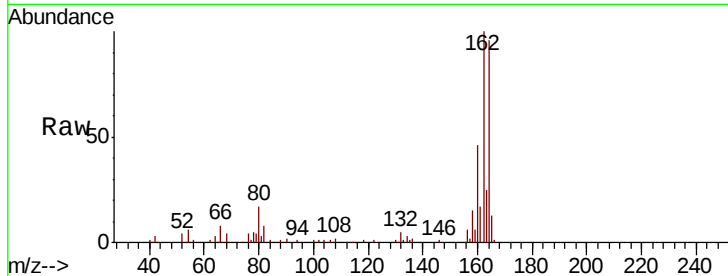




#51
 2,6-Dinitrotoluene
 Concen: 7.924 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110553.D
 Acq: 7 Nov 2018 9:47

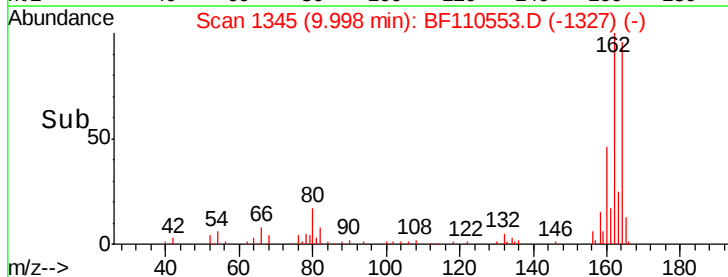
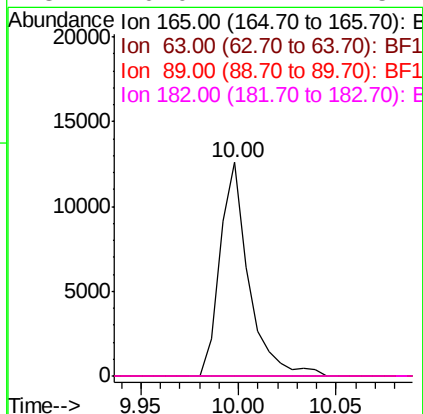
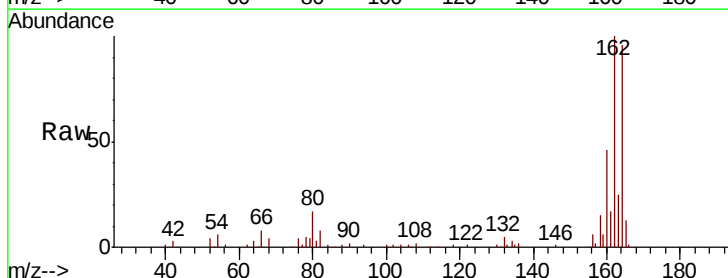
Instrument :
 BNA_F
 ClientSampleId :

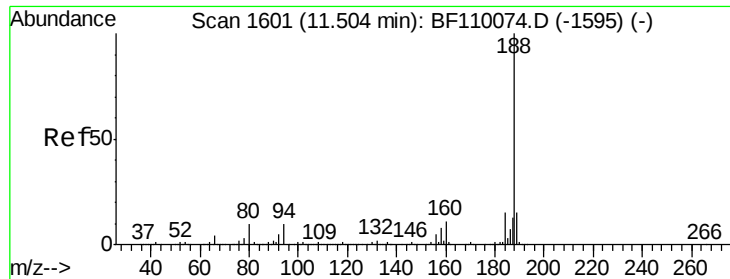
Tot Ion:165 Resp: 12872
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.239 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110553.D
 Acq: 7 Nov 2018 9:47

Tgt Ion:165 Resp: 12872
 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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110553.D

Acq: 7 Nov 2018 9:47

Instrument :

BNA_F

ClientSampleId :

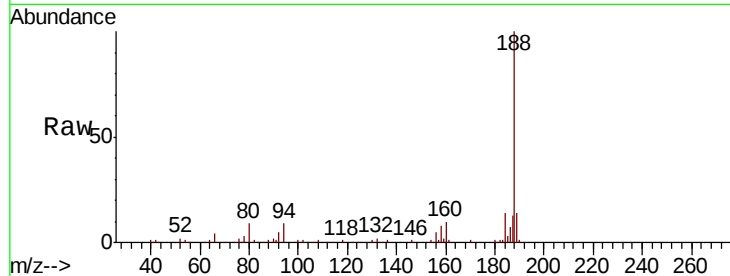
Tot Ion:188 Resp: 180489

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

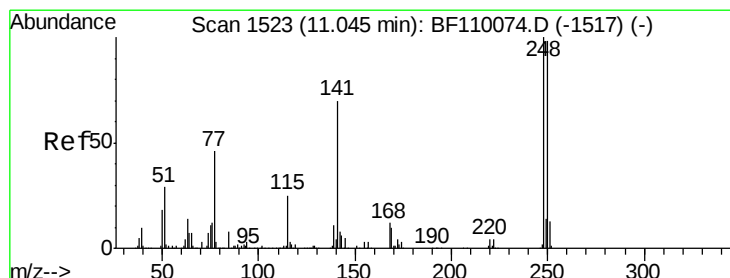
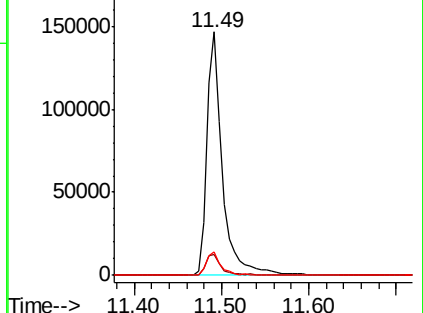
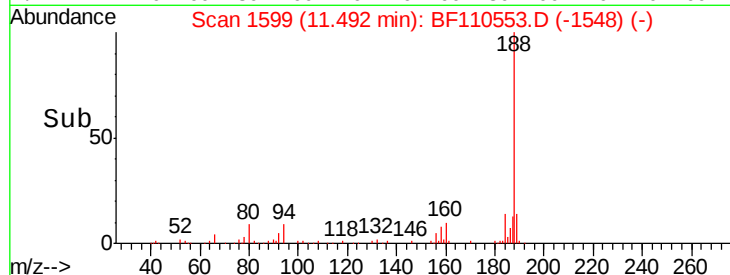
80 9.4 7.9 11.9



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: 2.160 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF110553.D

Acq: 7 Nov 2018 9:47

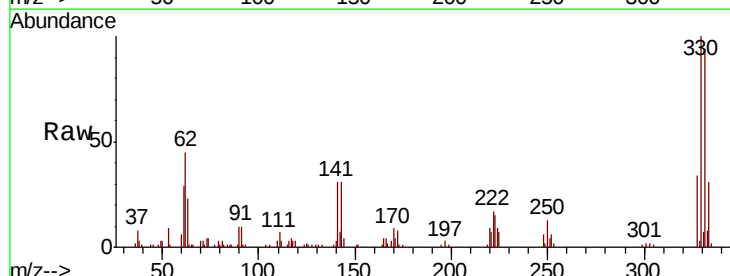
Tgt Ion:248 Resp: 4228

Ion Ratio Lower Upper

248 100

250 221.3 79.4 119.2#

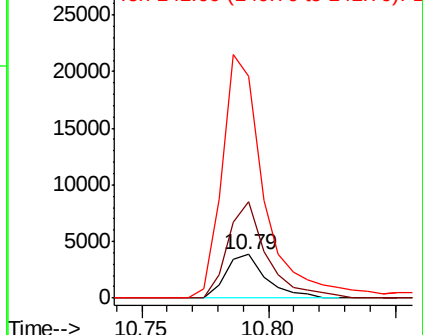
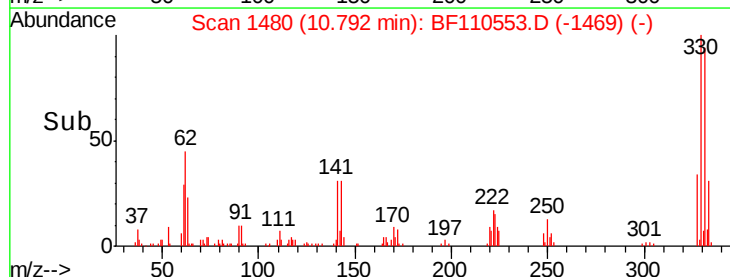
141 513.0 55.9 83.9#

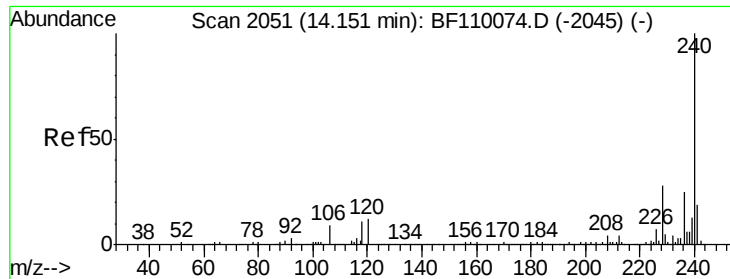


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

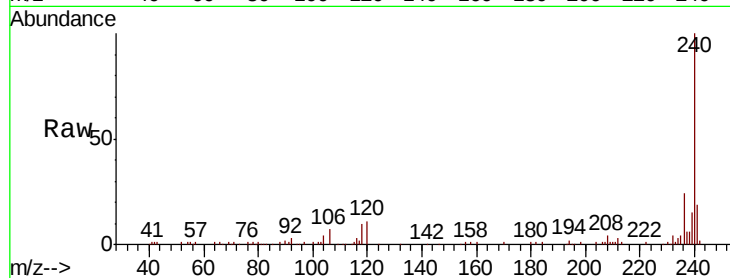




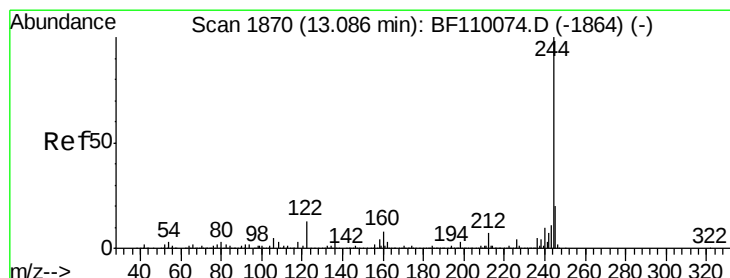
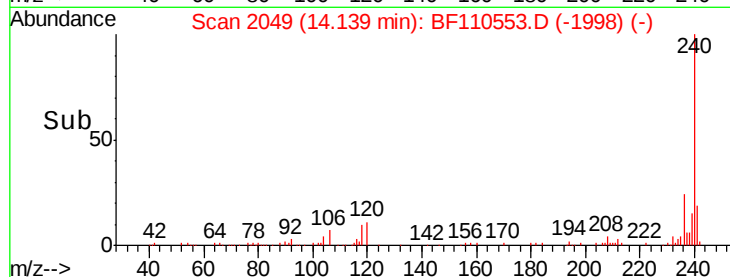
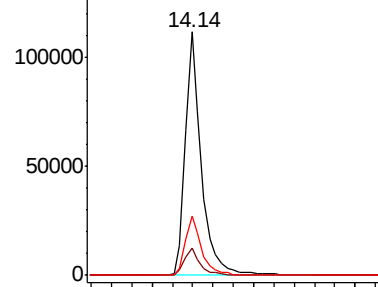
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110553.D
Acq: 7 Nov 2018 9:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 122852
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 24.3 21.2 31.8

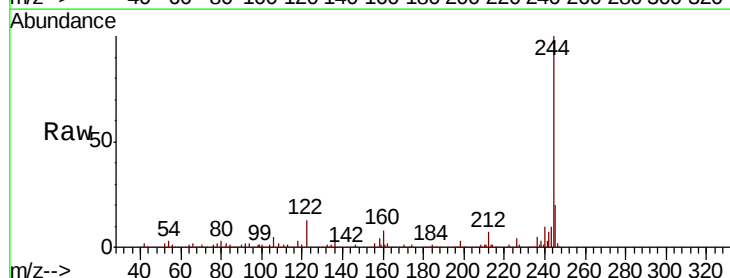


Abundance Ion 240.00 (239.70 to 240.70): E
150000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

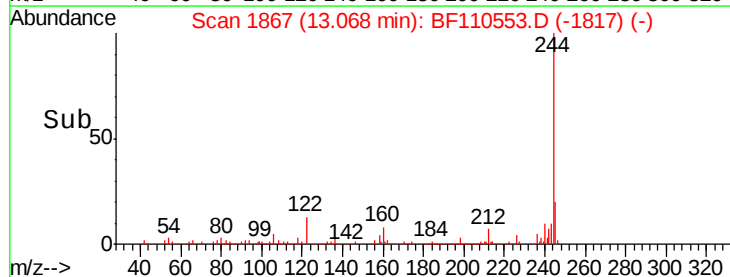
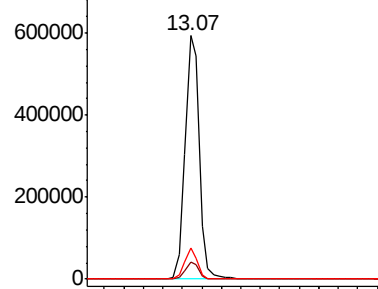


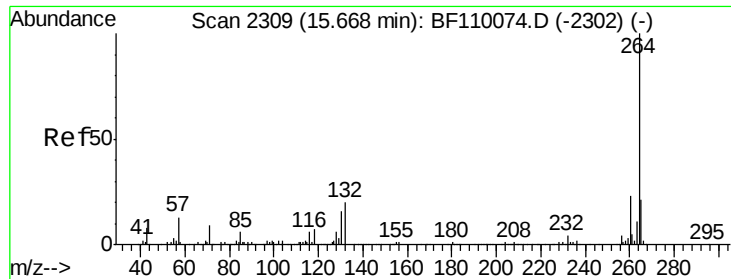
#79
Terphenyl-d14
Concen: 101.738 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110553.D
Acq: 7 Nov 2018 9:47

Tgt Ion:244 Resp: 600981
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.8 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E
800000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

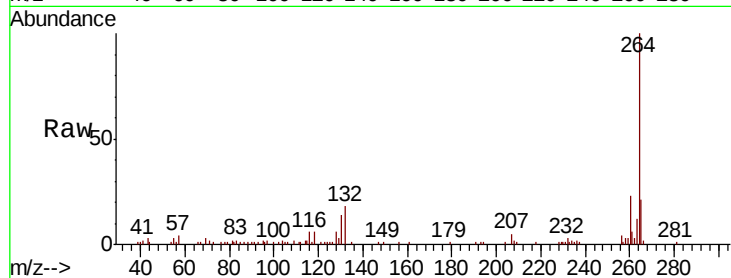




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110553.D
Acq: 7 Nov 2018 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.2	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

