

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110358.D
 Acq On : 1 Nov 2018 3:46
 Operator : JU/SJ
 Sample : J5731-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:55:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

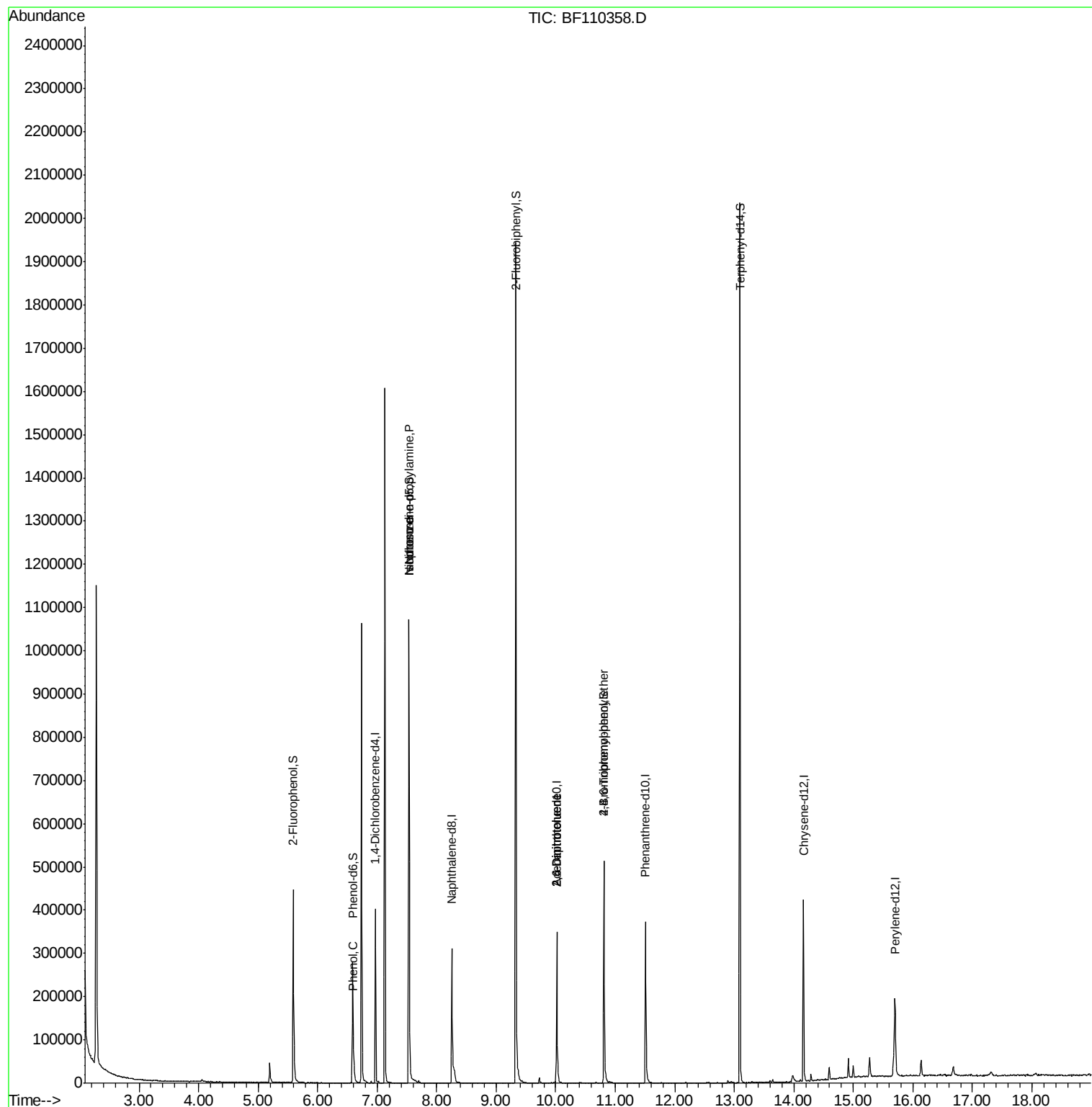
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	58975	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	200818	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	83383	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	158536	20.00	ng	0.00
76) Chrysene-d12	14.16	240	163555	20.00	ng	0.00
87) Perylene-d12	15.70	264	97495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	142569	39.37	ng	0.00
7) Phenol-d6	6.59	99	100237	21.64	ng	-0.02
23) Nitrobenzene-d5	7.53	82	351050	103.69	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	73750	89.29	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	614627	115.75	ng	0.00
79) Terphenyl-d14	13.09	244	661036	84.06	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	17012	3.436	ng	# 65
19) n-Nitroso-di-n-propylamine	7.53	70	45322	15.251	ng	# 79
25) Isophorone	7.53	82	351048	60.826	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	10172	7.672	ng	# 21
57) 2,4-Dinitrotoluene	10.02	165	10172	6.040	ng	# 17
67) 4-Bromophenyl-phenylether	10.81	248	4567	2.656	ng	# 1

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

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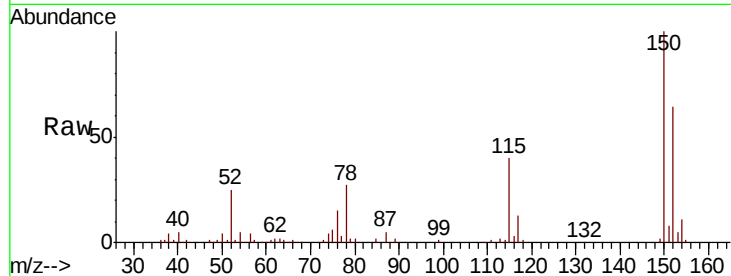




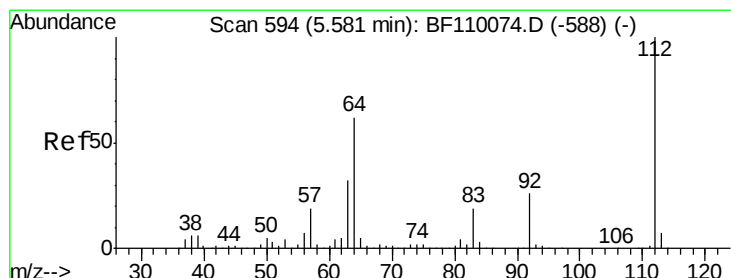
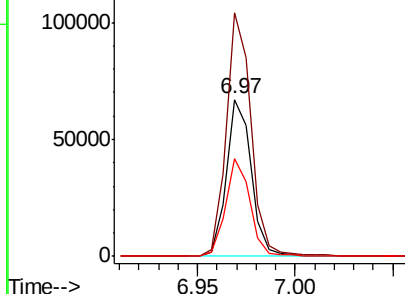
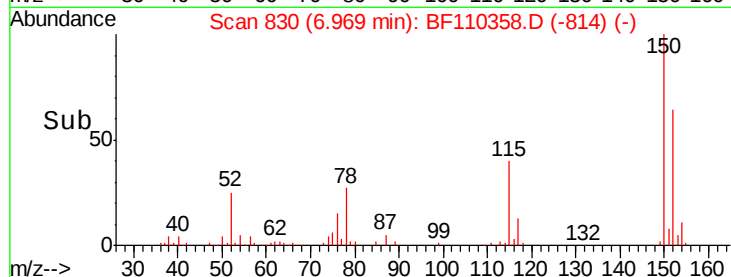
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110358.D
 Acq: 1 Nov 2018 3:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 58975
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.7 184.1
 115 62.0 49.1 73.7

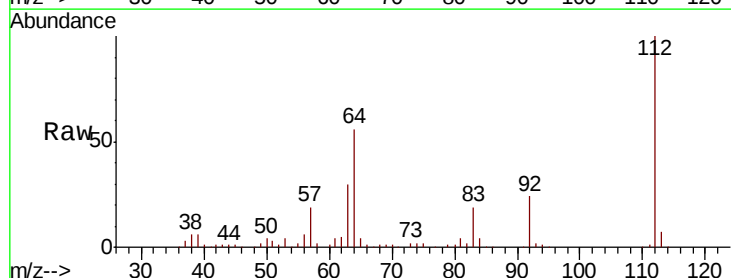


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

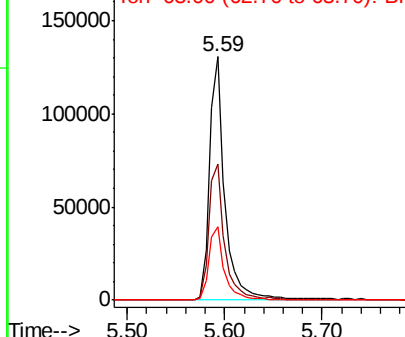
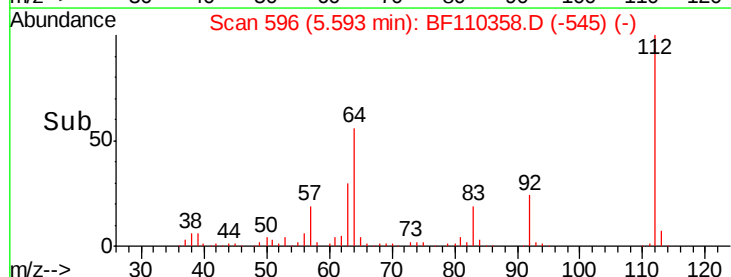


#5
 2-Fluorophenol
 Concen: 39.367 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF110358.D
 Acq: 1 Nov 2018 3:46

Tgt Ion:112 Resp: 142569
 Ion Ratio Lower Upper
 112 100
 64 56.1 44.1 66.1
 63 30.3 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: 21.639 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110358.D

Acq: 1 Nov 2018 3:46

Instrument :

BNA_F

ClientSampled :

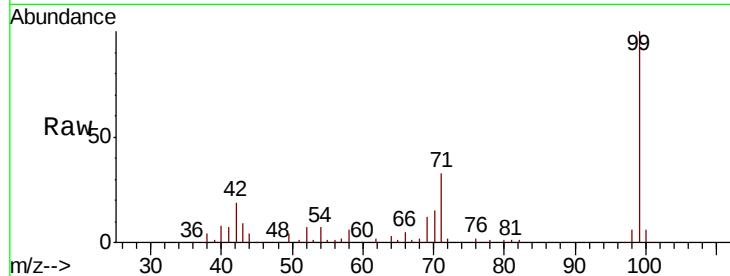
Tot Ion: 99 Resp: 100237

Ion Ratio Lower Upper

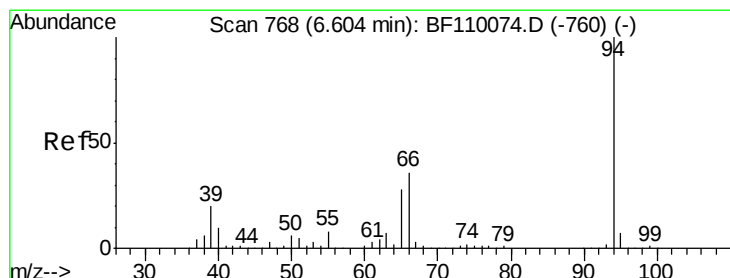
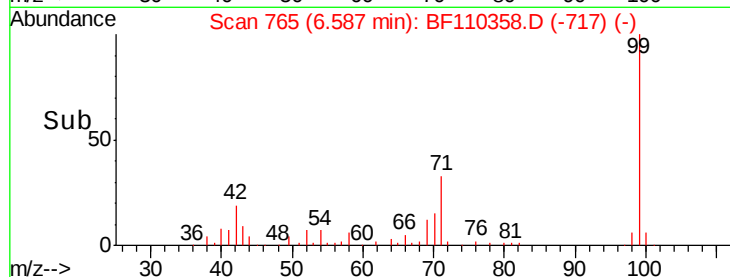
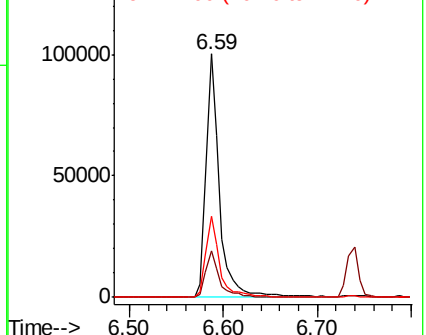
99 100

42 19.3 15.8 23.6

71 33.2 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: 3.436 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110358.D

Acq: 1 Nov 2018 3:46

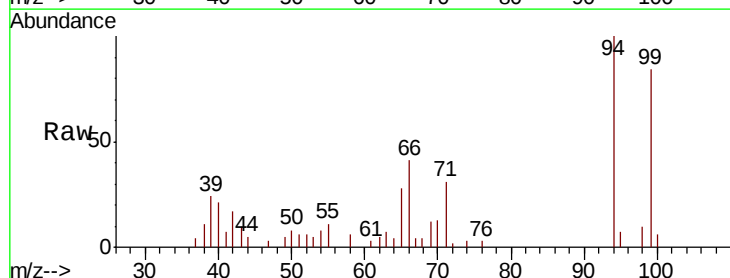
Tgt Ion: 94 Resp: 17012

Ion Ratio Lower Upper

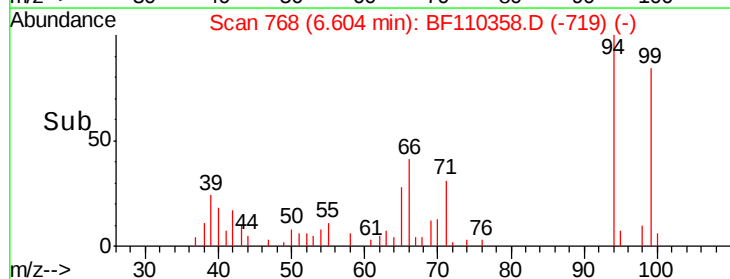
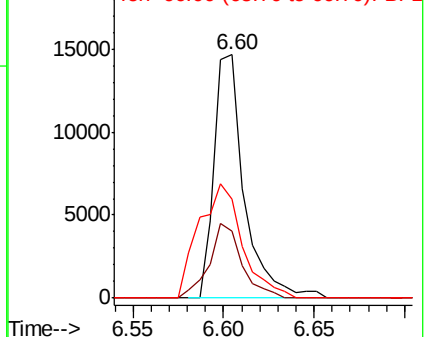
94 100

65 27.5 25.3 65.3

66 40.6 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

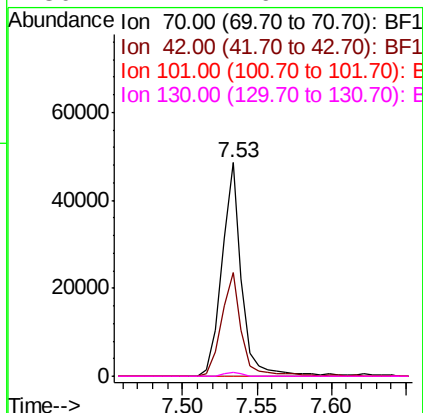
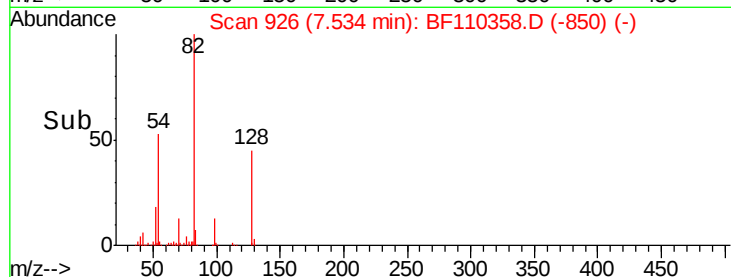
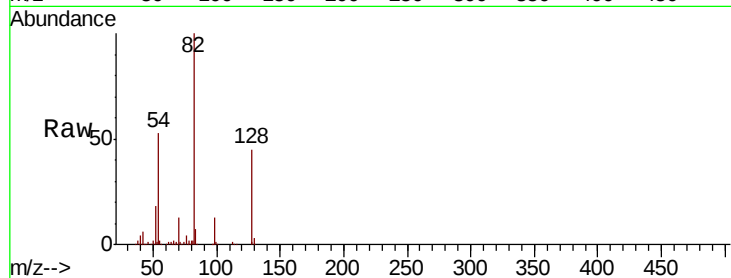




#19
n-Nitroso-di-n-propylamine
Concen: 15.251 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF110358.D
Acq: 1 Nov 2018 3:46

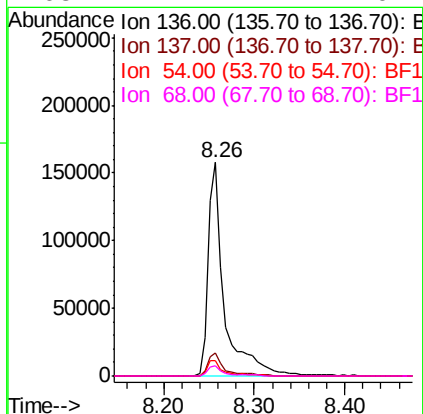
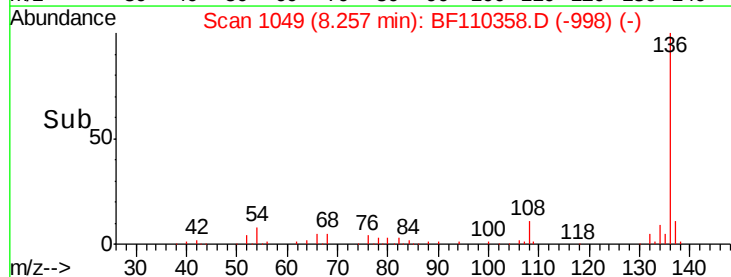
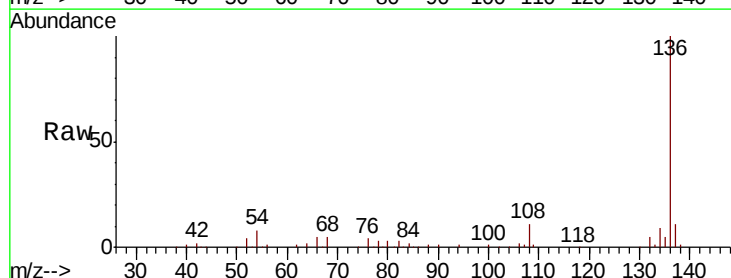
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 45322
Ion Ratio Lower Upper
70 100
42 48.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110358.D
Acq: 1 Nov 2018 3:46

Tgt Ion: 136 Resp: 200818
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 5.4 8.2
68 4.7 4.2 6.2

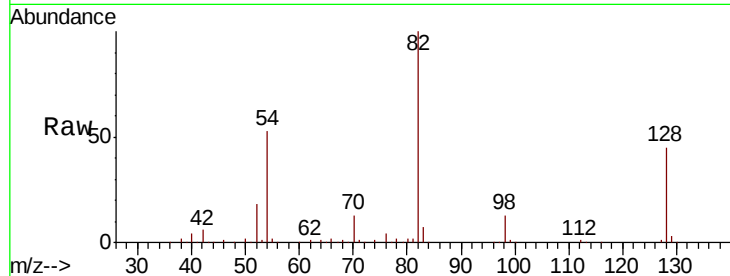




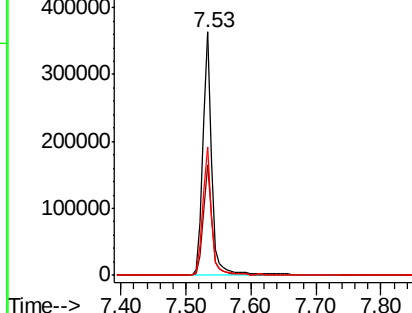
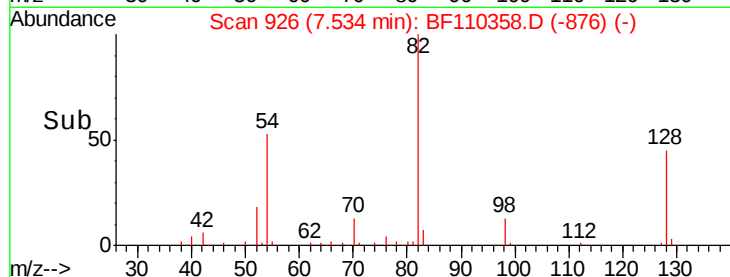
#23
 Nitrobenzene-d5
 Concen: 103.685 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF110358.D
 Acq: 1 Nov 2018 3:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	351050
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.2	51.2
54	52.5	38.6	58.0

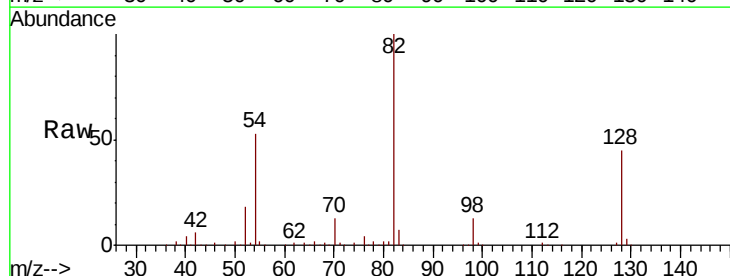


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

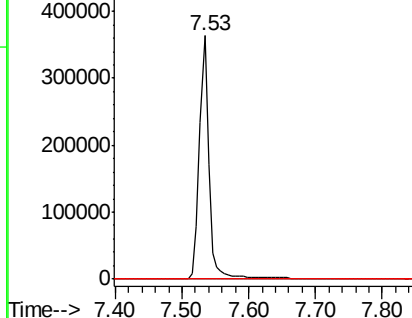
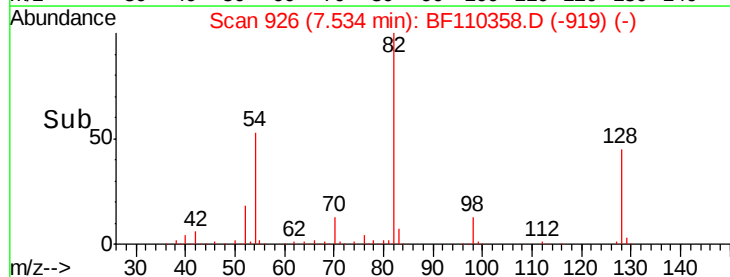


#25
 Isophorone
 Concen: 60.826 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.26 min
 Lab File: BF110358.D
 Acq: 1 Nov 2018 3:46

Tgt Ion	82	Resp	351048
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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110358.D

Acq: 1 Nov 2018 3:46

Instrument :

BNA_F

ClientSampleId :

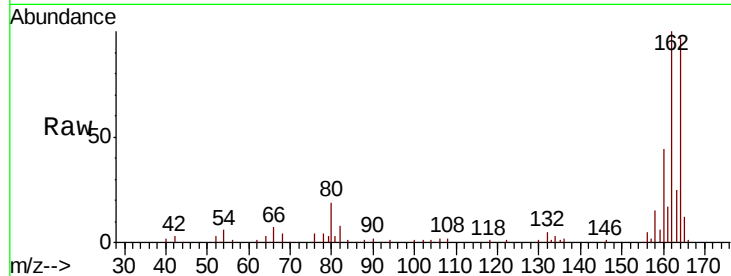
Tot Ion:164 Resp: 83383

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

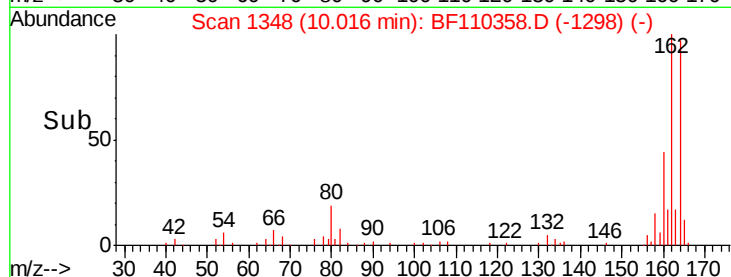
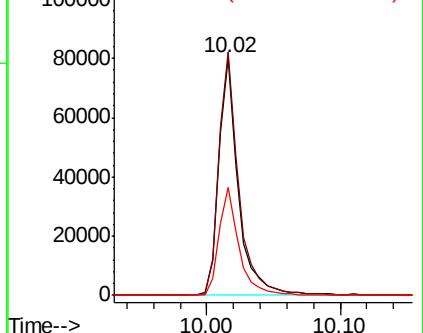
160 45.6 37.0 55.6



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: 89.290 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110358.D

Acq: 1 Nov 2018 3:46

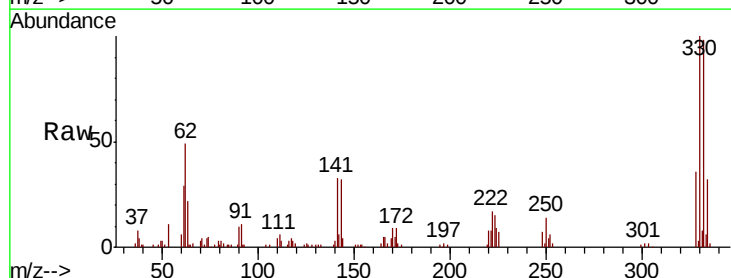
Tgt Ion:330 Resp: 73750

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

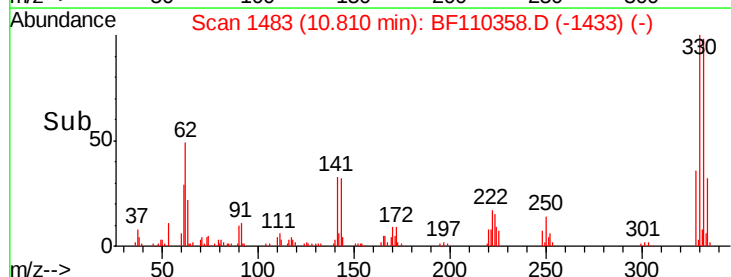
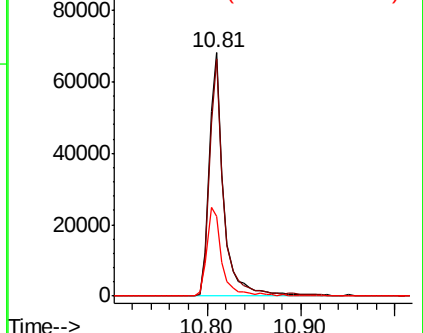
141 37.4 27.0 40.4



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: 115.746 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110358.D

Acq: 1 Nov 2018 3:46

Instrument :

BNA_F

ClientSampleId :

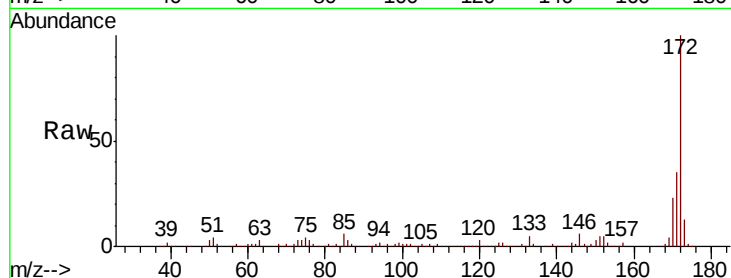
Tot Ion:172 Resp: 614627

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

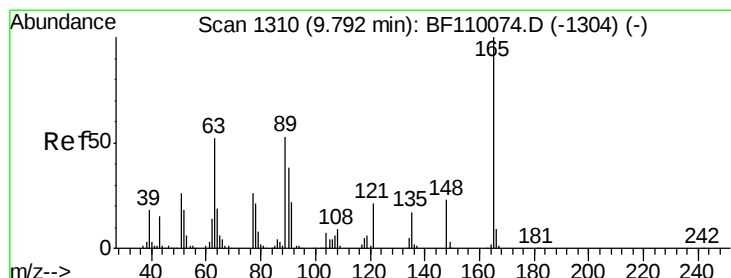
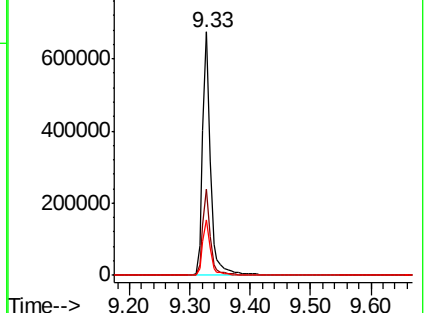
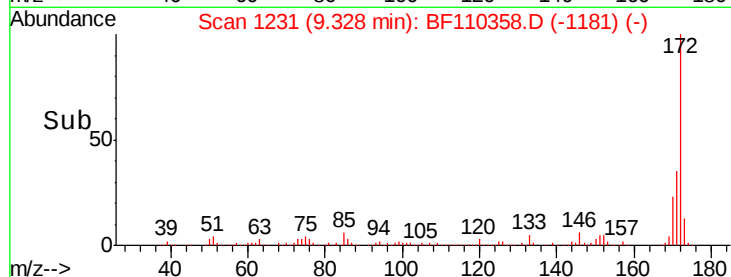
170 23.0 19.7 29.5



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: 7.672 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.21 min

Lab File: BF110358.D

Acq: 1 Nov 2018 3:46

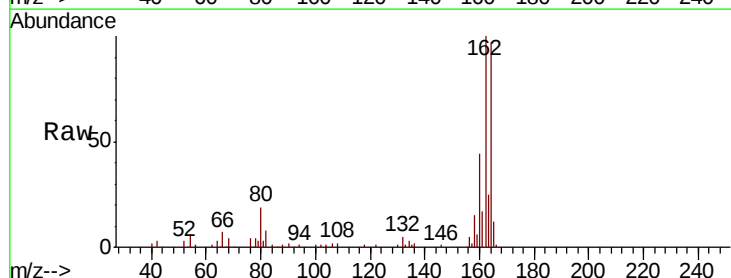
Tgt Ion:165 Resp: 10172

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

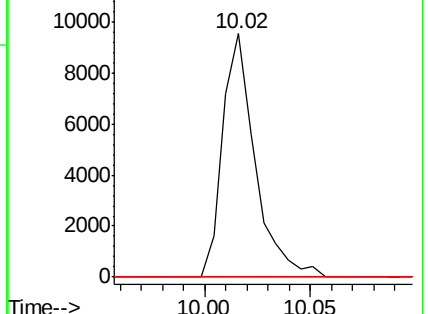
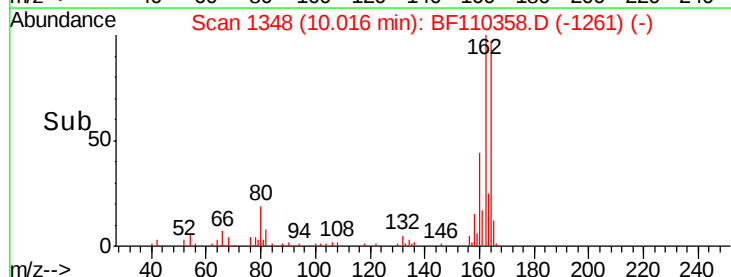
89 0.0 46.6 69.8#



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

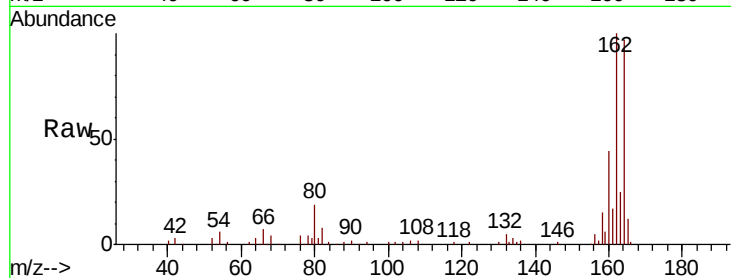




#57
 2,4-Dinitrotoluene
 Concen: 6.040 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.20 min
 Lab File: BF110358.D
 Acq: 1 Nov 2018 3:46

Instrument :
 BNA_F
 ClientSampled :

Tot 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#



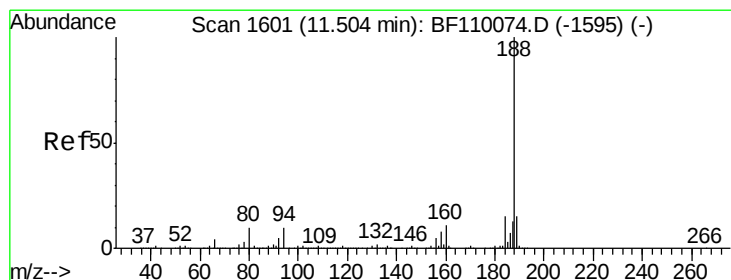
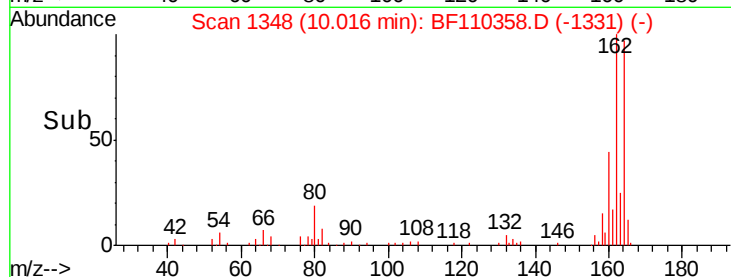
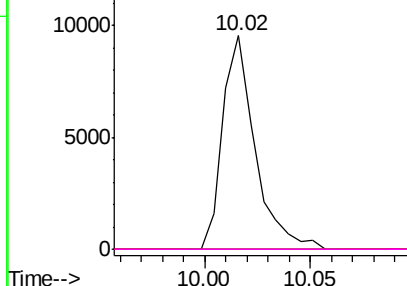
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

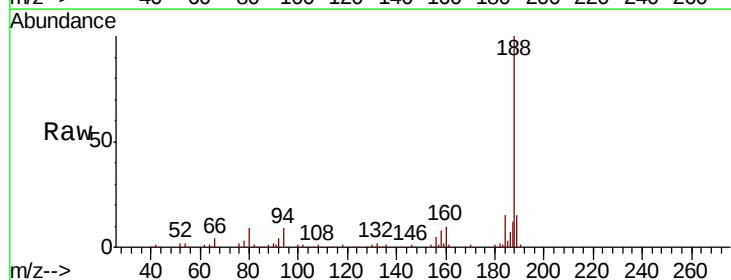
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF110358.D
 Acq: 1 Nov 2018 3:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	8.7	7.9	11.9

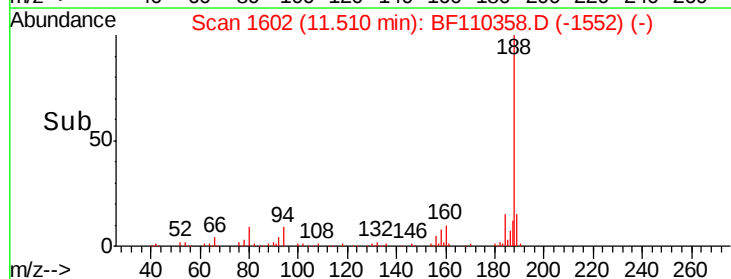
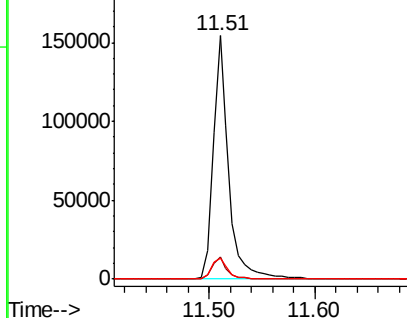


Abundance

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

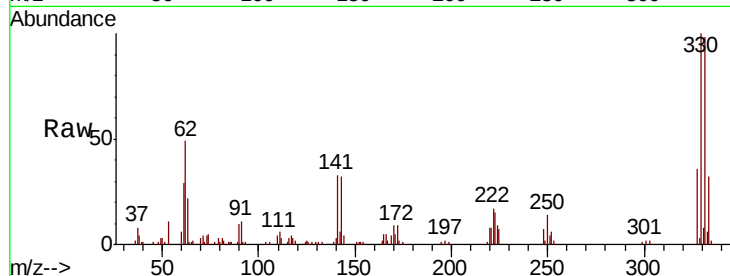




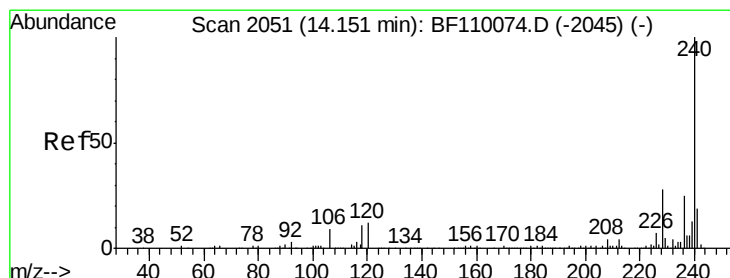
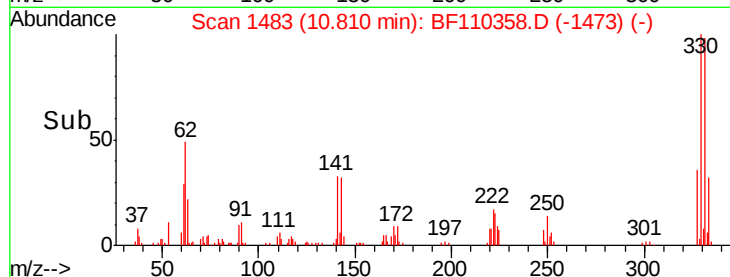
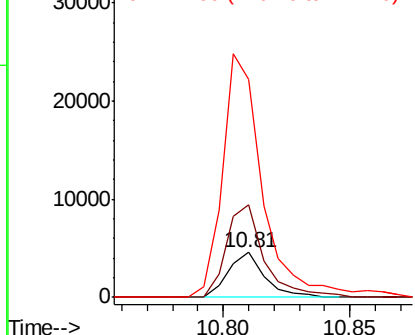
#67
4-Bromophenyl-phenylether
Concen: 2.656 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF110358.D
Acq: 1 Nov 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 4567
Ion Ratio Lower Upper
248 100
250 204.2 79.4 119.2#
141 483.4 55.9 83.9#

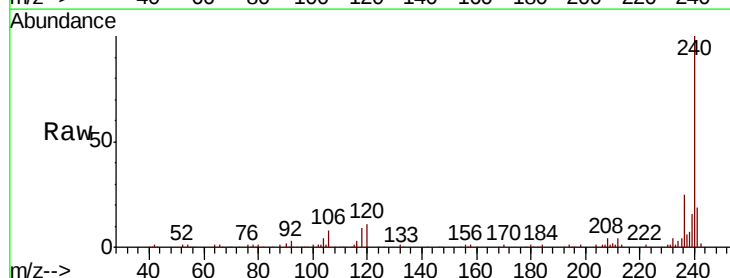


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

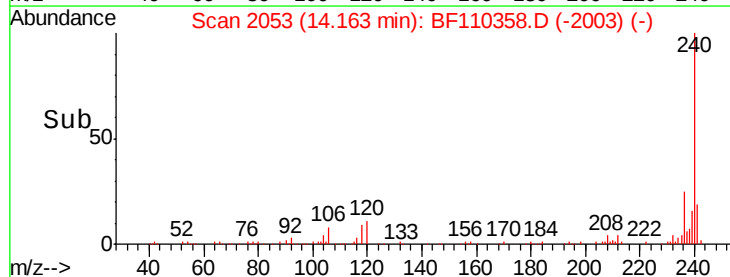
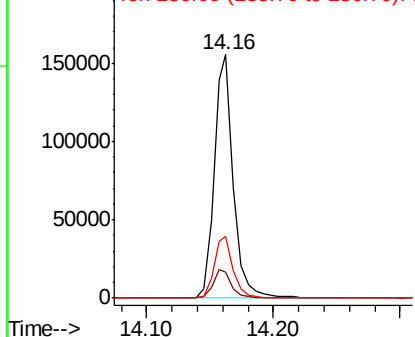


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110358.D
Acq: 1 Nov 2018 3:46

Tgt Ion:240 Resp: 163555
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 25.2 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: 84.055 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110358.D

Acq: 1 Nov 2018 3:46

Instrument :

BNA_F

ClientSampleId :

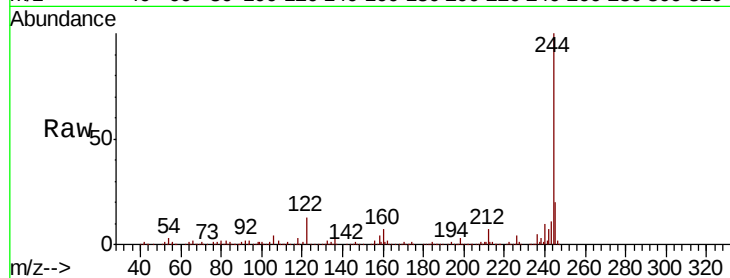
Tot Ion:244 Resp: 661036

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

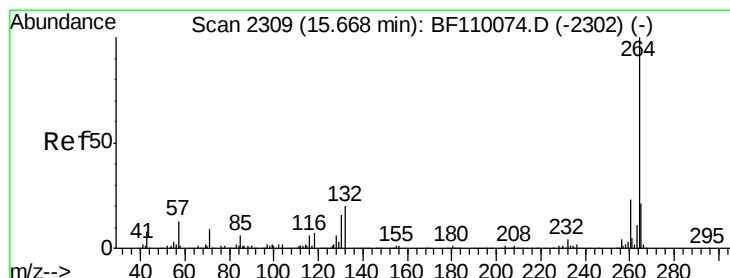
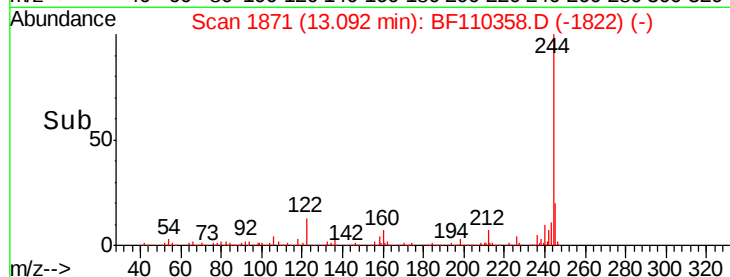
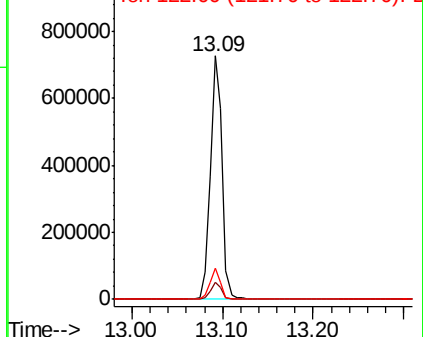
122 12.6 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BF110358.D

Acq: 1 Nov 2018 3:46

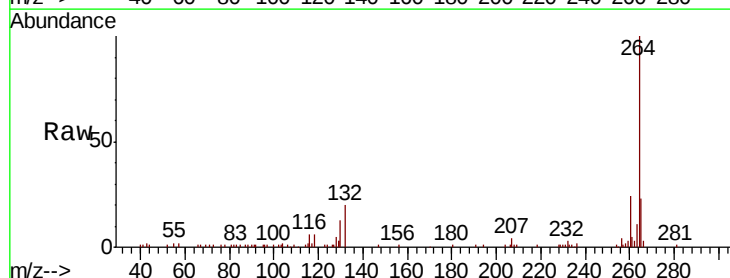
Tgt Ion:264 Resp: 97495

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 23.0 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

