

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110344.D
 Acq On : 31 Oct 2018 20:27
 Operator : JU/SJ
 Sample : J5730-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 03:44:13 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

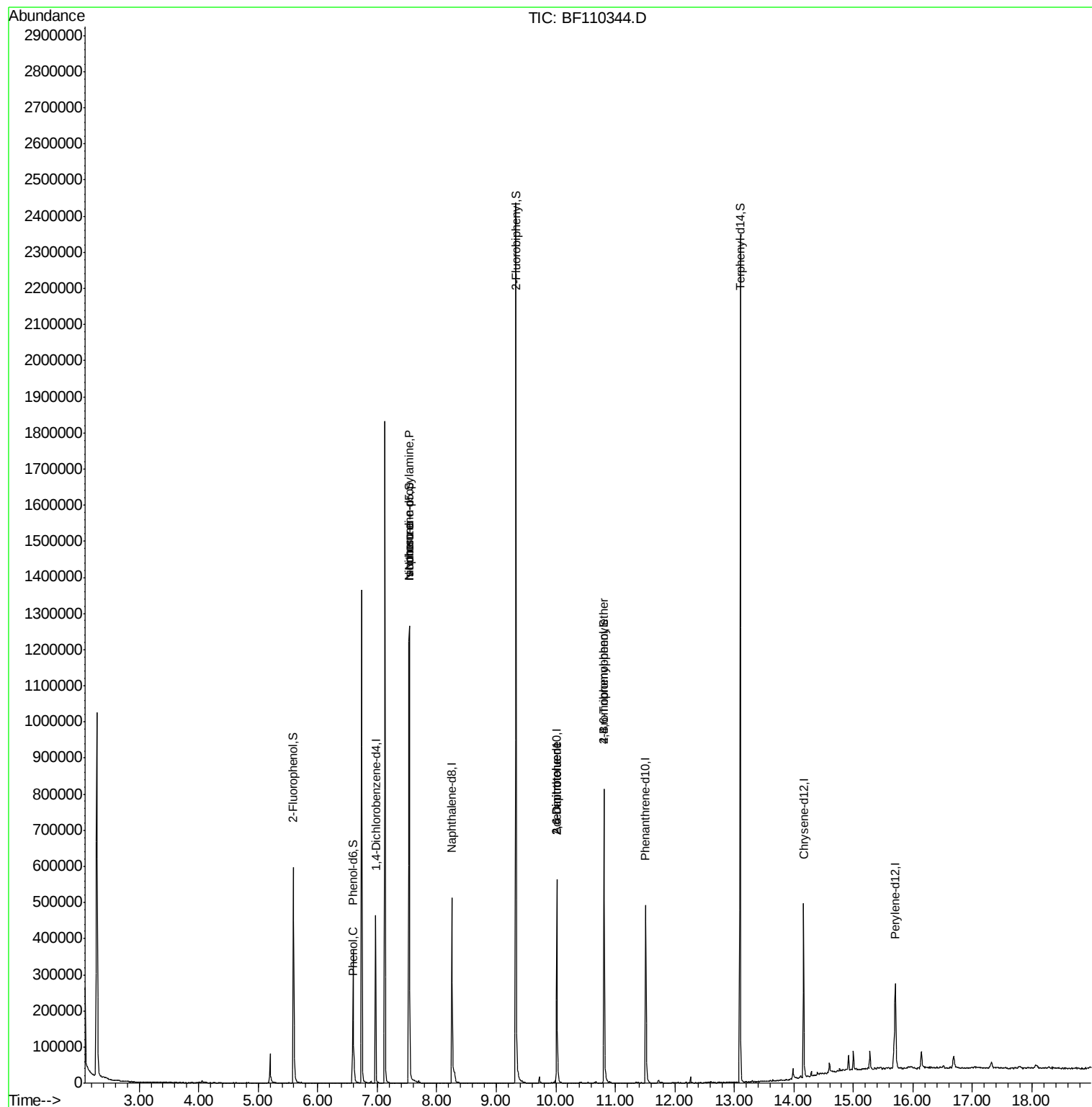
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	71160	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	271361	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	119233	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	211525	20.00	ng	0.00
76) Chrysene-d12	14.16	240	167581	20.00	ng	0.00
87) Perylene-d12	15.70	264	120567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	173837	39.78	ng	0.00
7) Phenol-d6	6.59	99	130708	23.39	ng	-0.01
23) Nitrobenzene-d5	7.54	82	446502	97.59	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	100524	85.11	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	827200	108.94	ng	0.00
79) Terphenyl-d14	13.10	244	745768	92.55	ng	0.00
Target Compounds						
10) Phenol	6.60	94	17054	2.854	ng	# 67
19) n-Nitroso-di-n-propylamine	7.53	70	59616	16.626	ng	# 81
25) Isophorone	7.54	82	446493	57.252	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	14811	7.812	ng	# 21
57) 2,4-Dinitrotoluene	10.02	165	14811	6.150	ng	# 17
67) 4-Bromophenyl-phenylether	10.81	248	6702	2.921	ng	# 1

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

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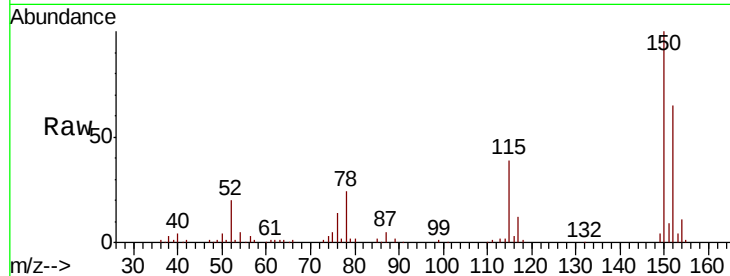


#1

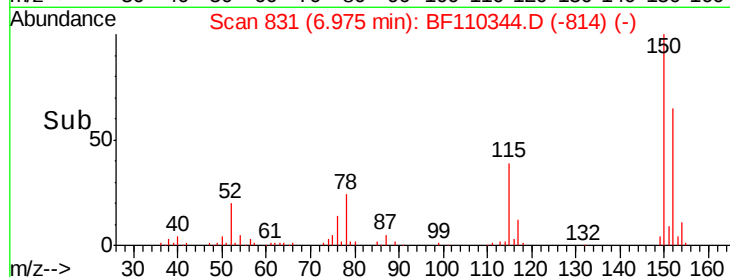
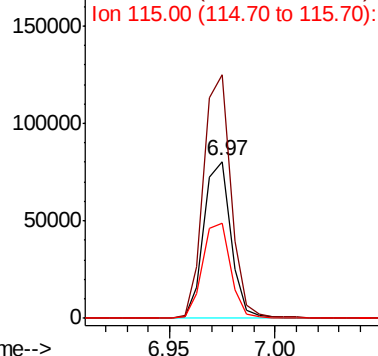
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110344.D
Acq: 31 Oct 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71160
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 60.6 49.1 73.7



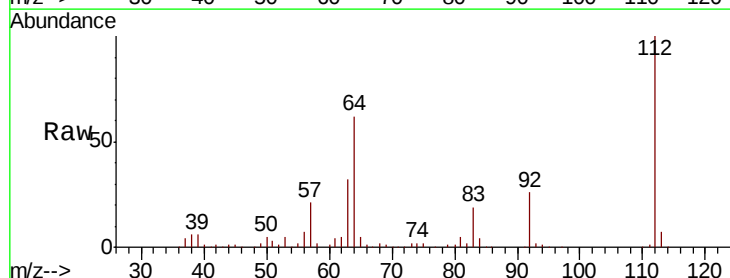
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



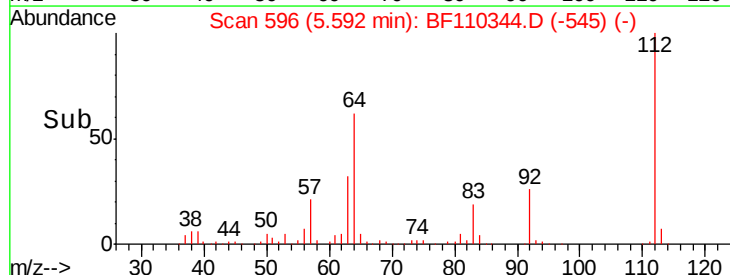
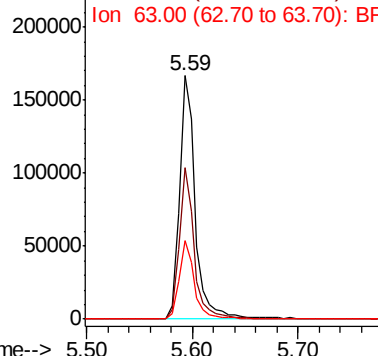
#5

2-Fluorophenol
Concen: 39.782 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110344.D
Acq: 31 Oct 2018 20:27

Tgt Ion:112 Resp: 173837
Ion Ratio Lower Upper
112 100
64 61.9 44.1 66.1
63 32.3 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: 23.385 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

Instrument :

BNA_F

ClientSampleId :

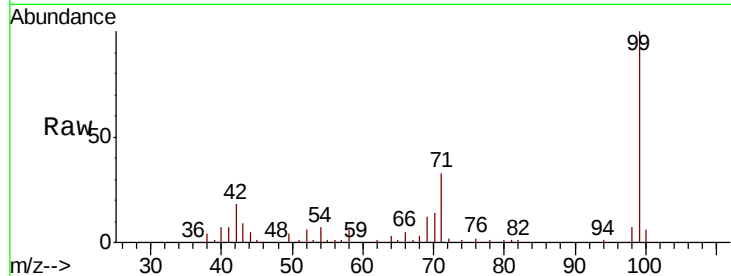
Tot Ion: 99 Resp: 130708

Ion Ratio Lower Upper

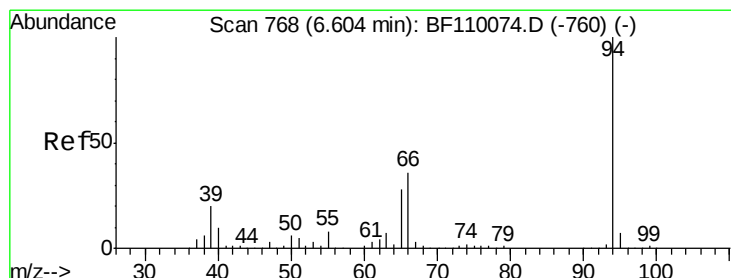
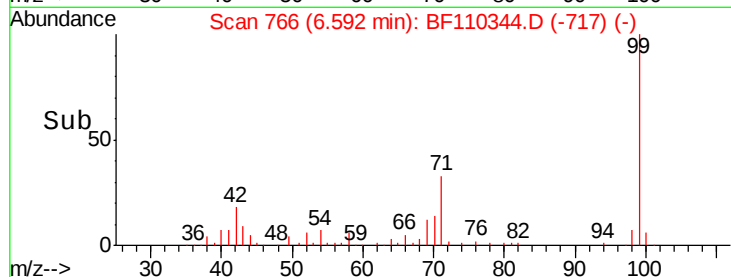
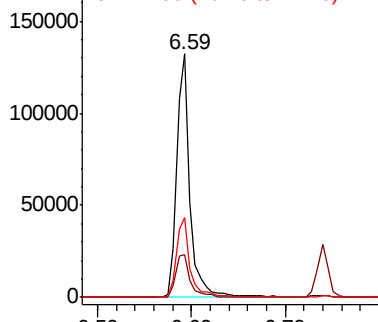
99 100

42 17.6 15.8 23.6

71 32.7 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: 2.854 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

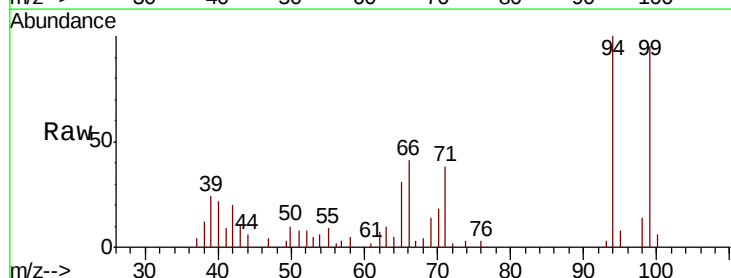
Tgt Ion: 94 Resp: 17054

Ion Ratio Lower Upper

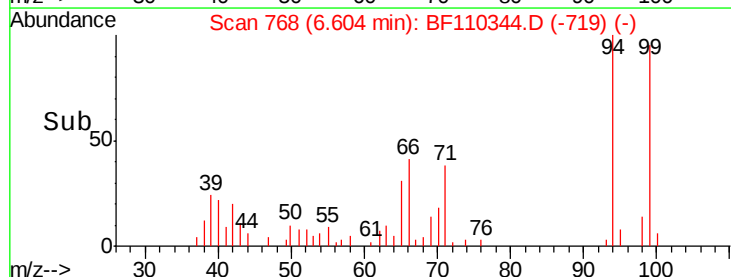
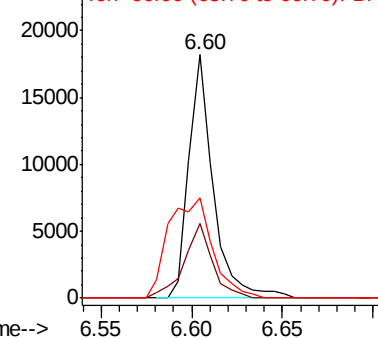
94 100

65 30.7 25.3 65.3

66 41.1 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

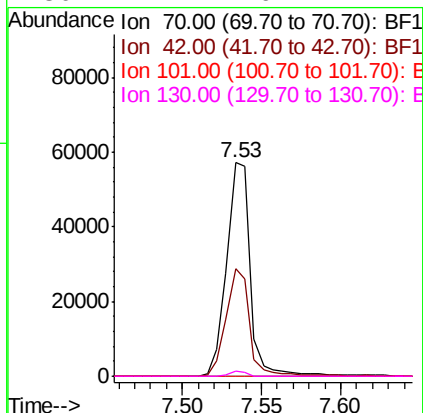
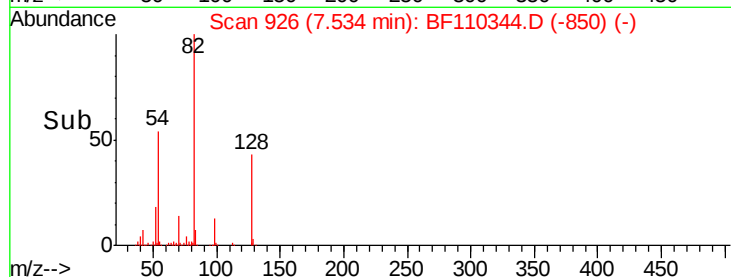
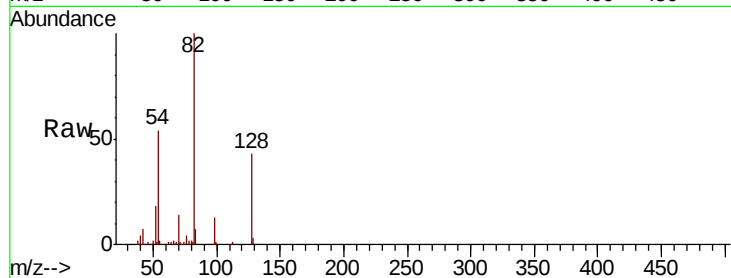




#19
n-Nitroso-di-n-propylamine
Concen: 16.626 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF110344.D
Acq: 31 Oct 2018 20:27

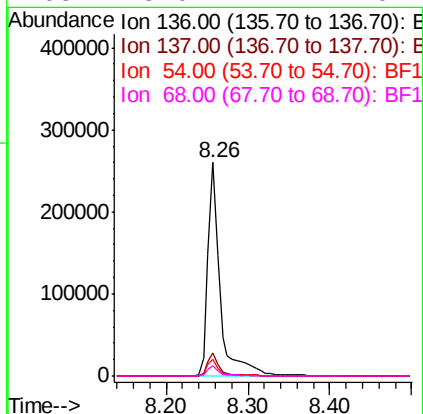
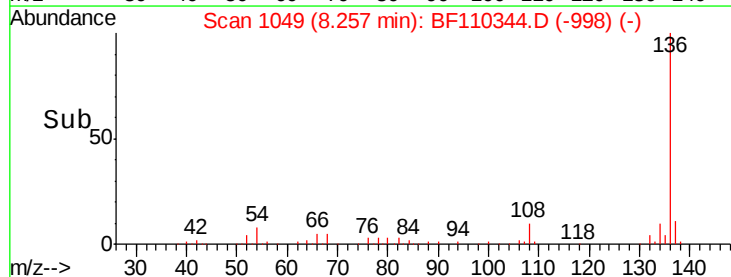
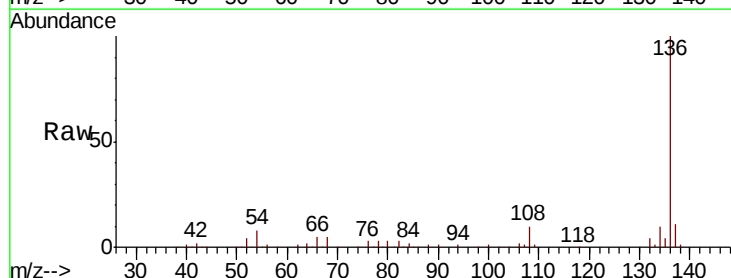
Instrument :
BNA_F
ClientSampleId :

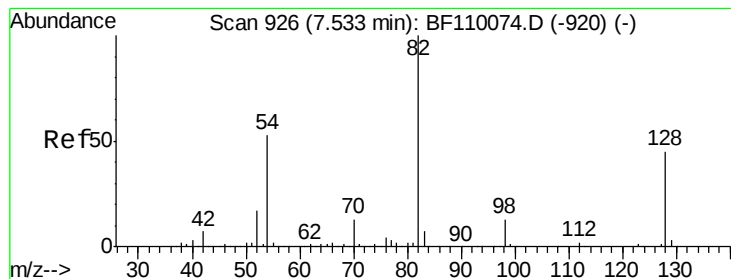
Tot Ion: 70 Resp: 59616
Ion Ratio Lower Upper
70 100
42 50.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110344.D
Acq: 31 Oct 2018 20:27

Tgt Ion: 136 Resp: 271361
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 5.4 8.2
68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 97.595 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

Instrument :

BNA_F

ClientSampleId :

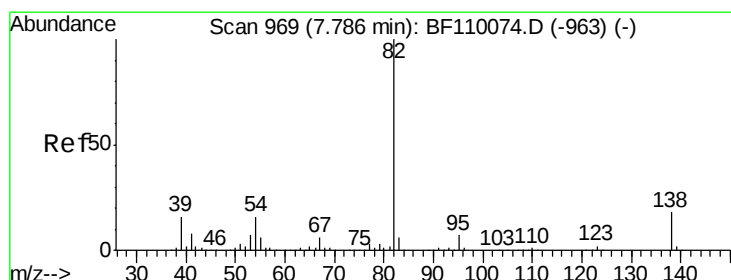
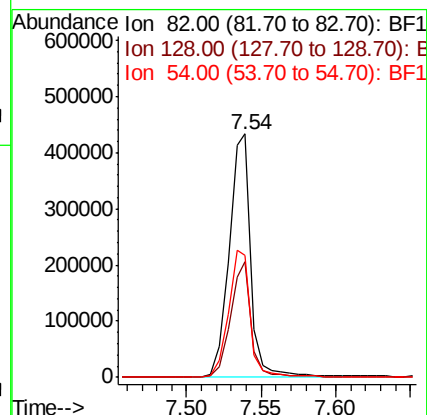
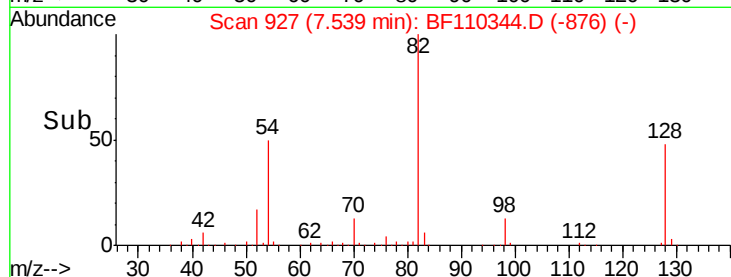
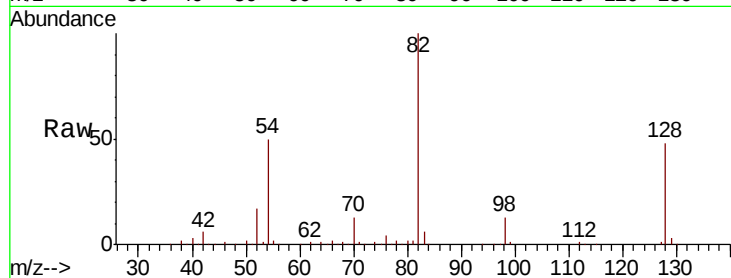
Tot Ion: 82 Resp: 446502

Ion Ratio Lower Upper

82 100

128 47.6 34.2 51.2

54 49.9 38.6 58.0



#25

Isophorone

Concen: 57.252 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

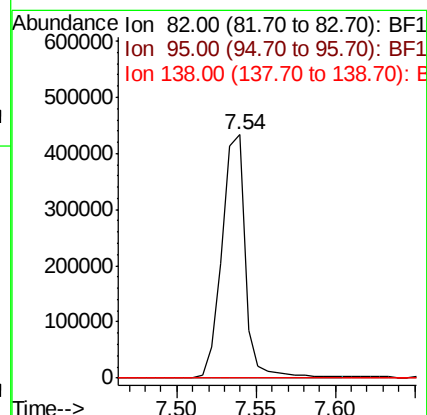
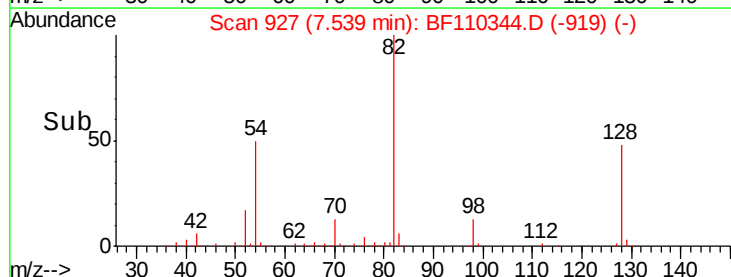
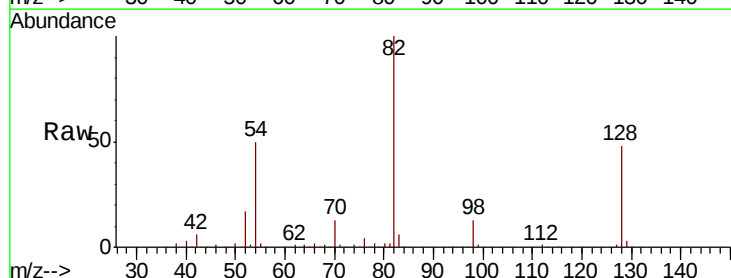
Tgt Ion: 82 Resp: 446493

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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

Instrument :

BNA_F

ClientSampleId :

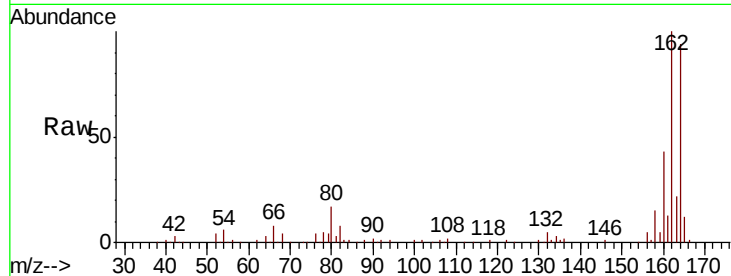
Tot Ion:164 Resp: 119233

Ion Ratio Lower Upper

164 100

162 106.1 83.0 124.6

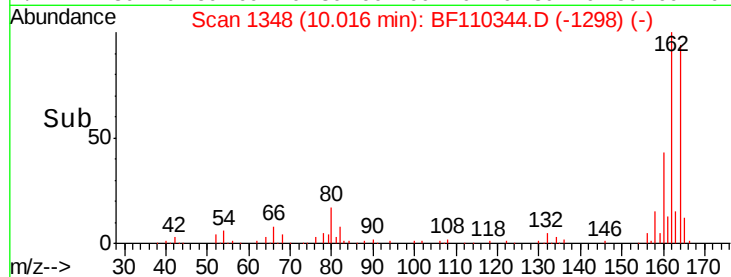
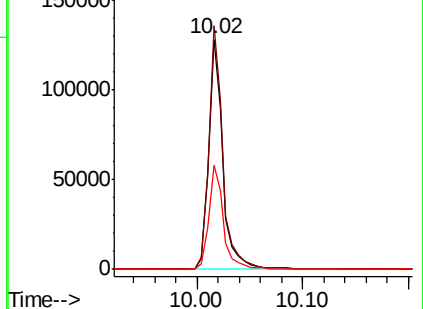
160 45.4 37.0 55.6



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: 85.112 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

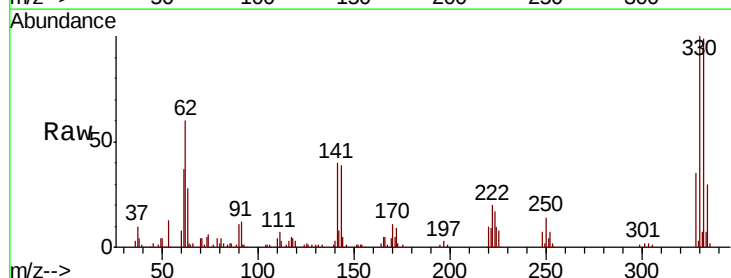
Tgt Ion:330 Resp: 100524

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

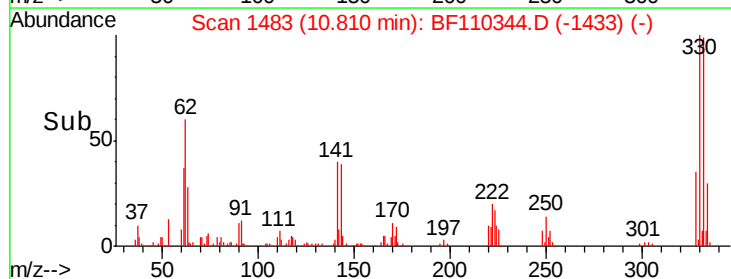
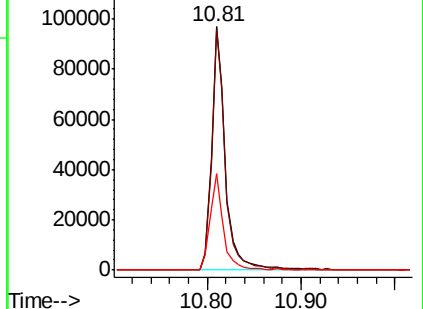
141 38.4 27.0 40.4



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

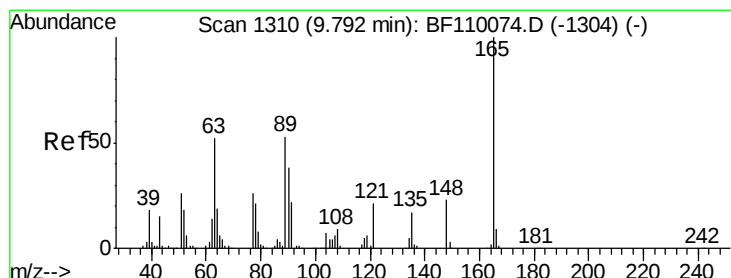
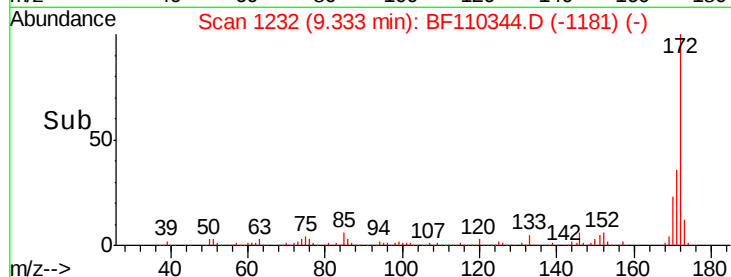
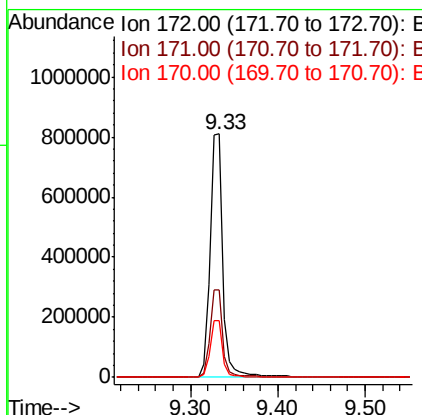
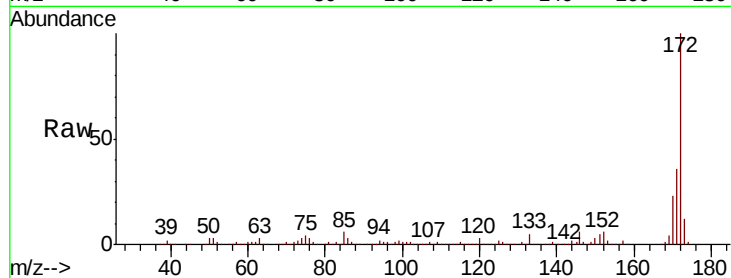




#45
 2-Fluorobiphenyl
 Concen: 108.939 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF110344.D
 Acq: 31 Oct 2018 20:27

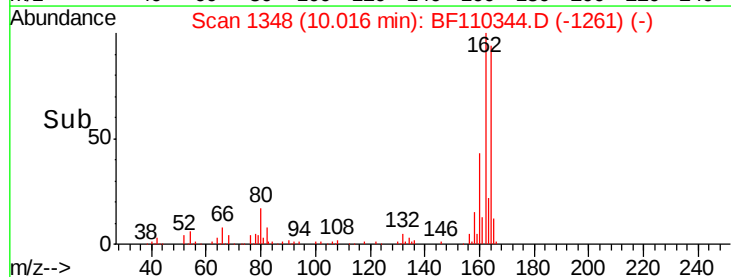
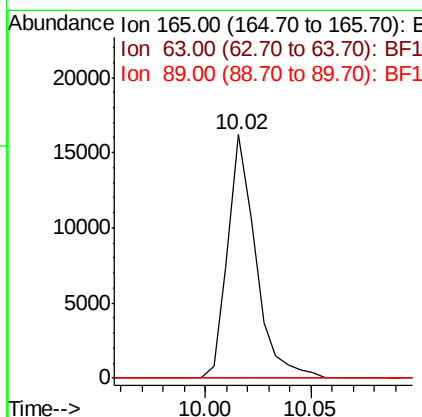
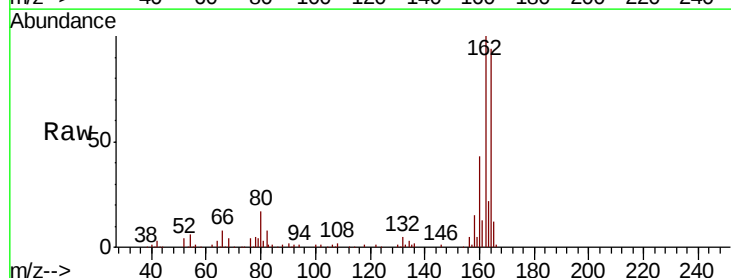
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.3	19.7	29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.812 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF110344.D
 Acq: 31 Oct 2018 20:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

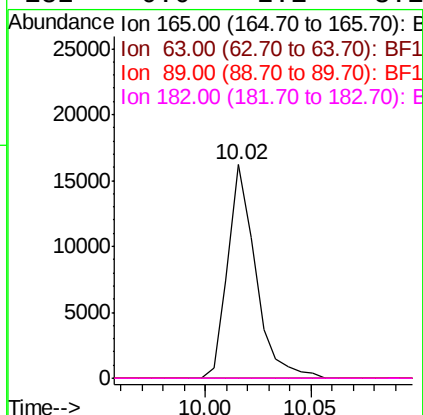
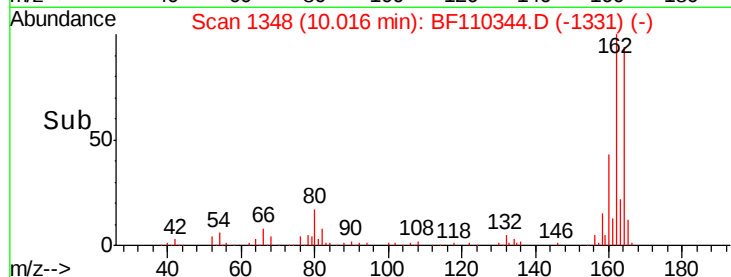
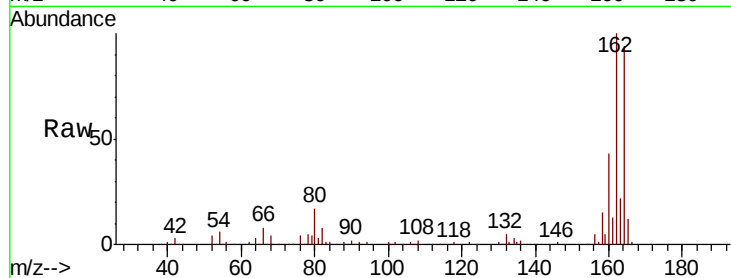




#57
 2,4-Dinitrotoluene
 Concen: 6.150 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.20 min
 Lab File: BF110344.D
 Acq: 31 Oct 2018 20:27

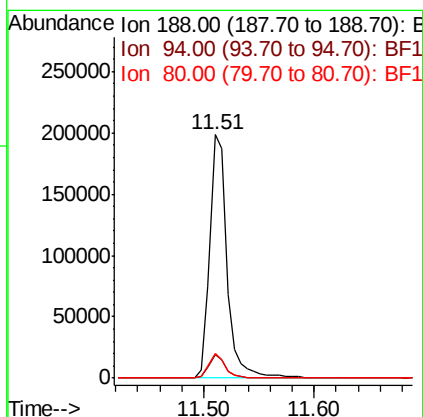
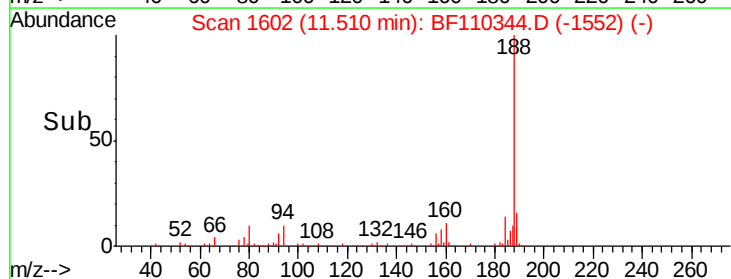
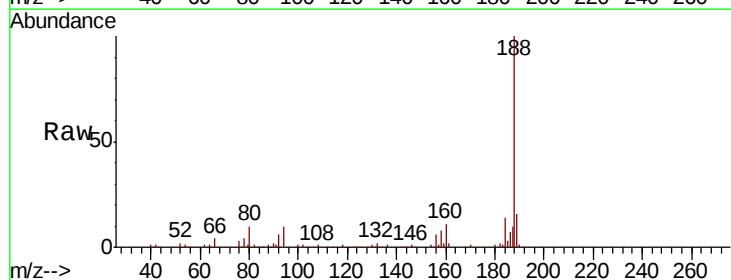
Instrument :
 BNA_F
 ClientSampleId :

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#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF110344.D
 Acq: 31 Oct 2018 20:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.3	7.9	11.9

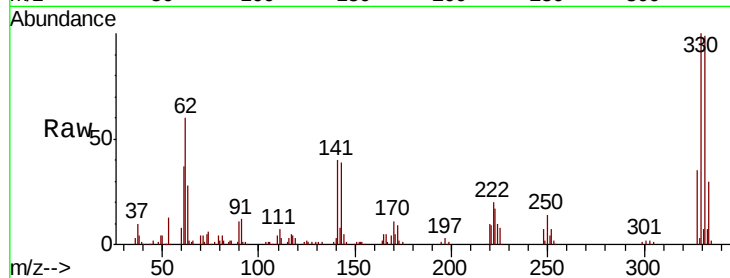




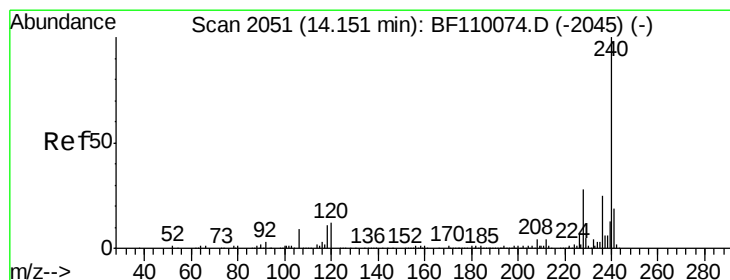
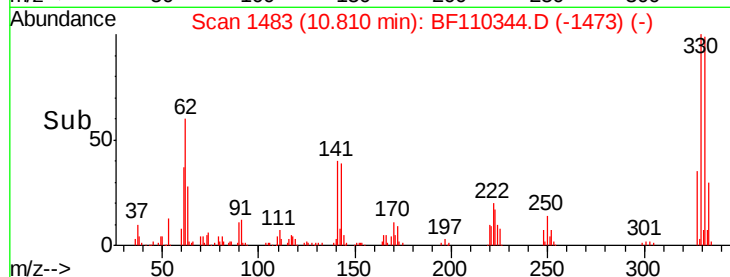
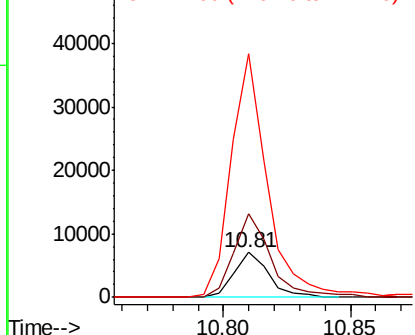
#67
4-Bromophenyl-phenylether
Concen: 2.921 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF110344.D
Acq: 31 Oct 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6702
Ion Ratio Lower Upper
248 100
250 184.9 79.4 119.2#
141 540.8 55.9 83.9#

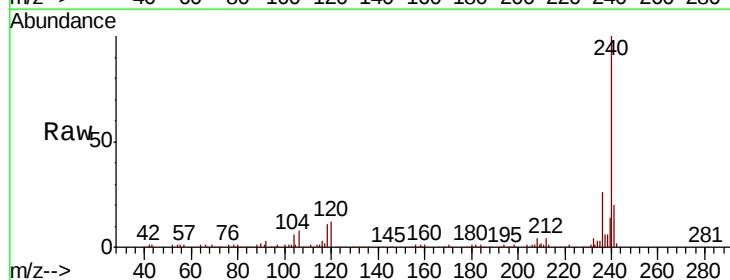


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

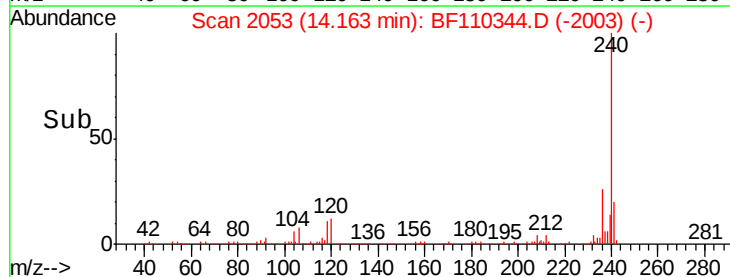
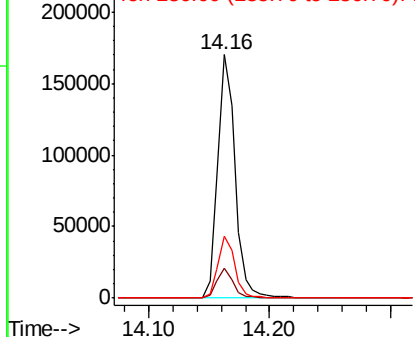


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110344.D
Acq: 31 Oct 2018 20:27

Tgt Ion:240 Resp: 167581
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 25.6 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: 92.551 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

Instrument :

BNA_F

ClientSampled :

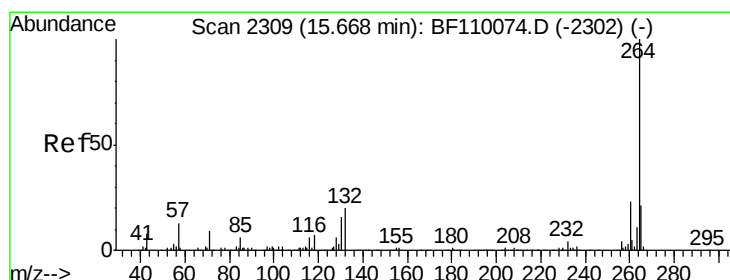
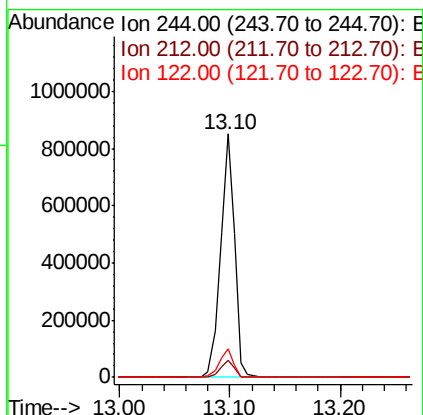
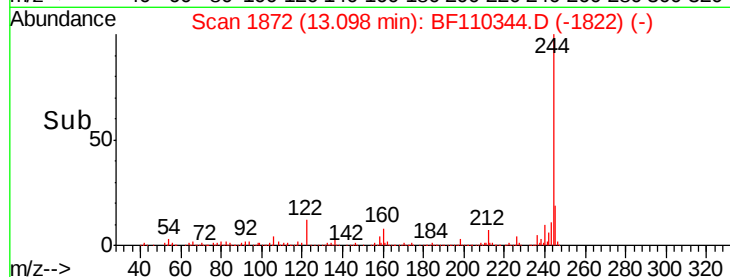
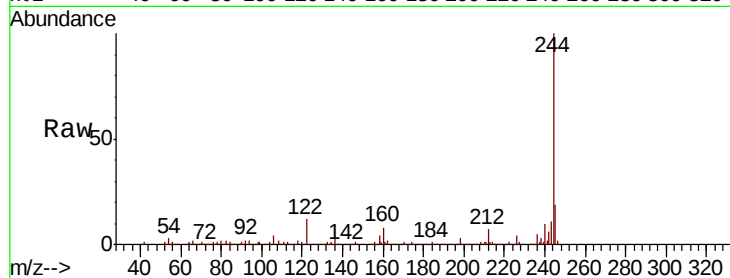
Tot Ion:244 Resp: 745768

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 12.0 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

Tgt Ion:264 Resp: 120567

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 20.2 16.7 25.1

