

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
 Data File : BF110489.D
 Acq On : 6 Nov 2018 3:07
 Operator : JU/SJ
 Sample : J5810-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110218-DBRI-E-D-B

Quant Time: Nov 06 03:50:36 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

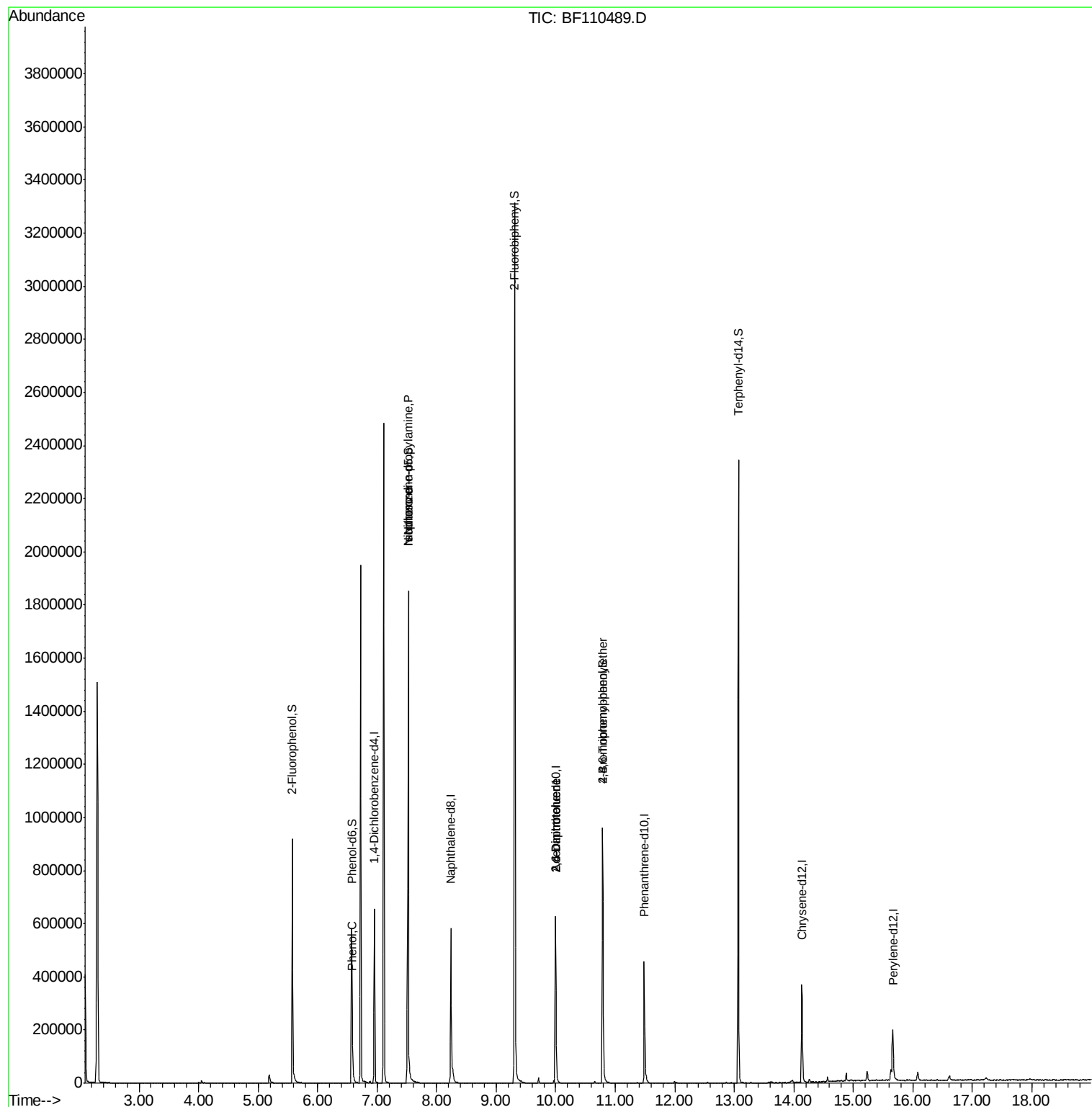
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	95391	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	369361	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	154920	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	235792	20.00	ng	0.00
76) Chrysene-d12	14.13	240	159888	20.00	ng	0.00
87) Perylene-d12	15.66	264	122292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	261483	44.64	ng	0.00
7) Phenol-d6	6.57	99	228341	30.48	ng	0.00
23) Nitrobenzene-d5	7.52	82	664616	106.73	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	125940	82.07	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1161027	117.68	ng	0.00
79) Terphenyl-d14	13.07	244	791156	102.91	ng	0.00
Target Compounds						
10) Phenol	6.59	94	21750	2.716	ng	# 69
19) n-Nitroso-di-n-propylamine	7.52	70	87453	18.194	ng	# 78
25) Isophorone	7.52	82	664613	62.610	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	19337	7.850	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	19337	6.180	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	8135	3.181	ng	# 1

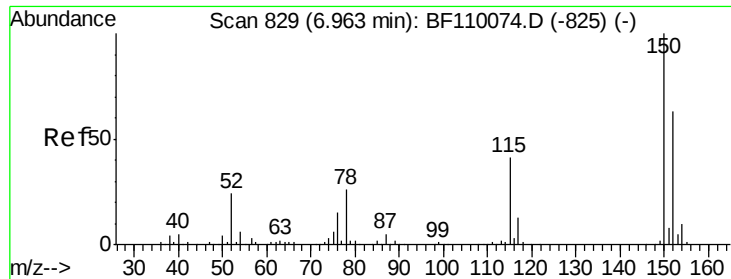
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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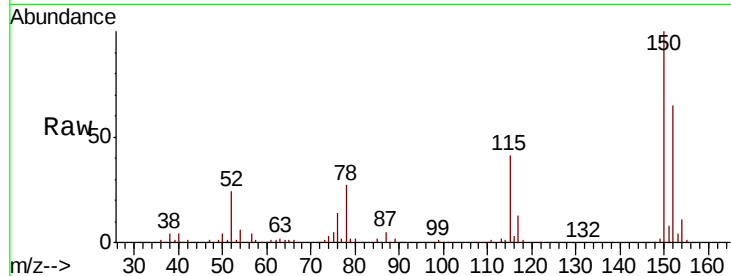


#1

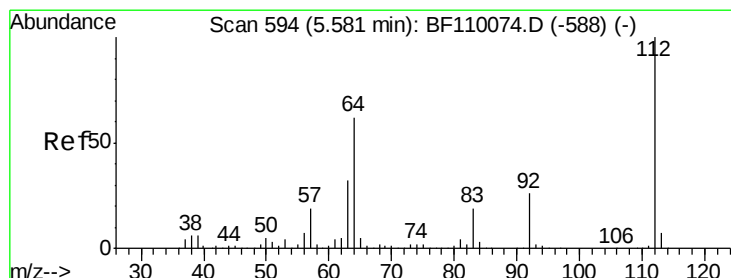
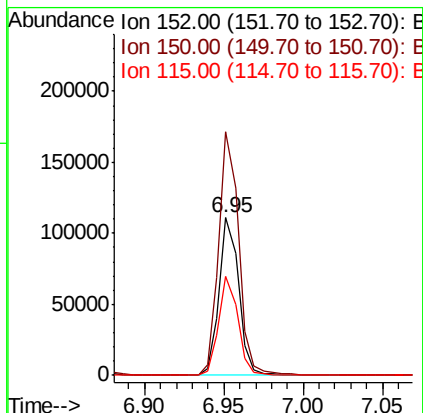
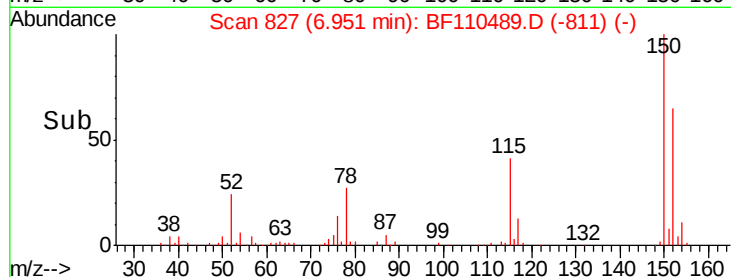
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110489.D
Acq: 6 Nov 2018 3:07

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-B

Tgt Ion:152 Resp: 95391
Ion Ratio Lower Upper
152 100
150 154.7 122.7 184.1
115 63.0 49.1 73.7



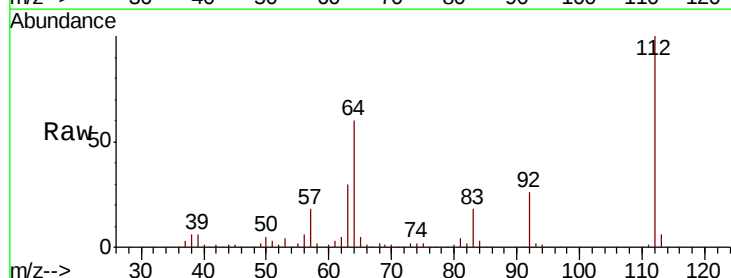
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



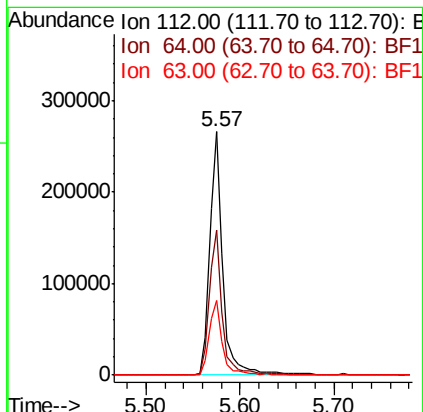
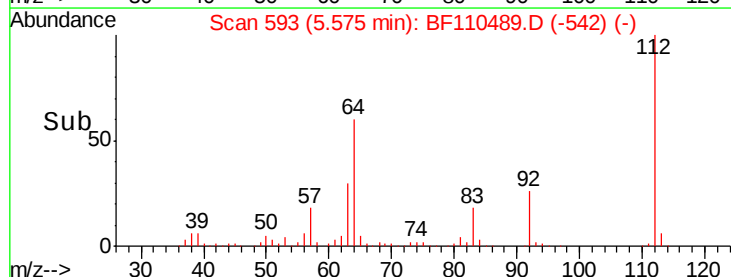
#5

2-Fluorophenol
Concen: 44.639 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110489.D
Acq: 6 Nov 2018 3:07

Tgt Ion:112 Resp: 261483
Ion Ratio Lower Upper
112 100
64 59.5 44.1 66.1
63 30.4 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: 30.476 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110489.D

Acq: 6 Nov 2018 3:07

Instrument :

BNA_F

ClientSampleId :

110218-DBRI-E-D-B

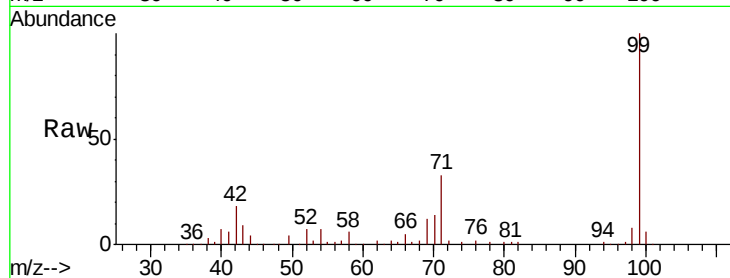
Tgt Ion: 99 Resp: 228341

Ion Ratio Lower Upper

99 100

42 17.7 15.8 23.6

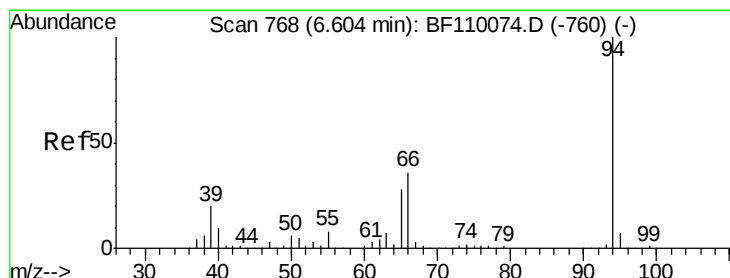
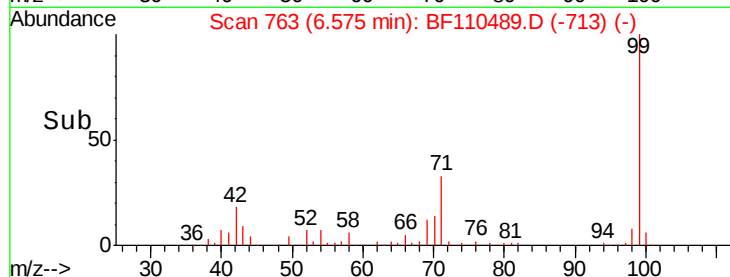
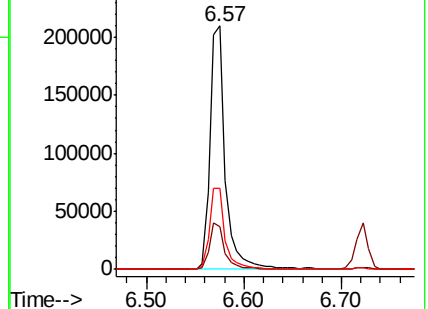
71 33.3 28.0 42.0



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: 2.716 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110489.D

Acq: 6 Nov 2018 3:07

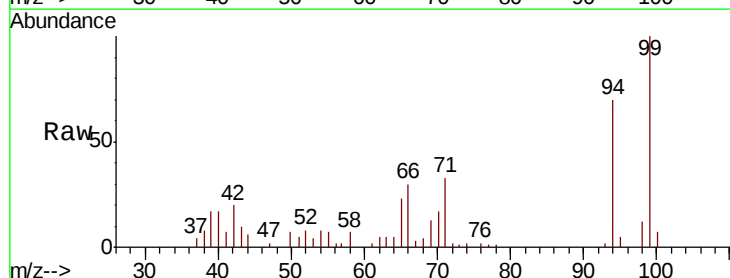
Tgt Ion: 94 Resp: 21750

Ion Ratio Lower Upper

94 100

65 32.7 25.3 65.3

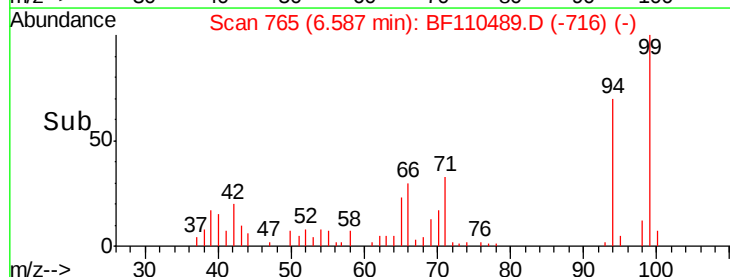
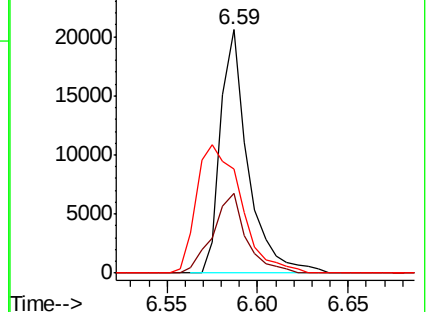
66 42.5 54.5 94.5#



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

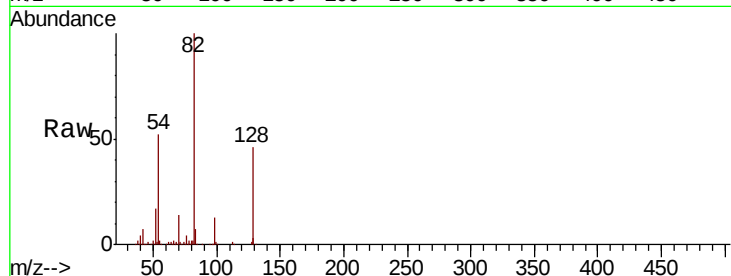




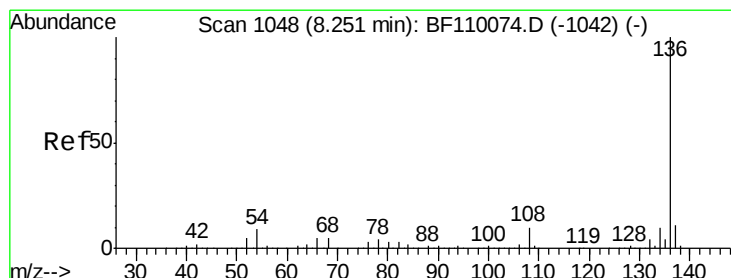
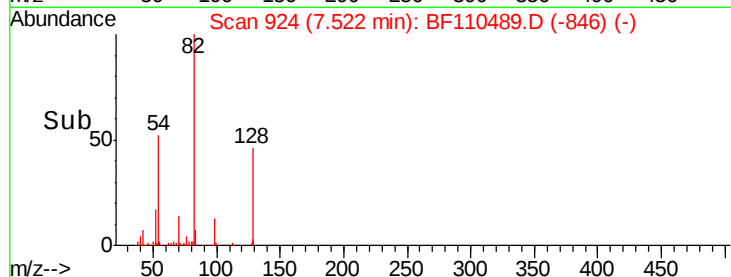
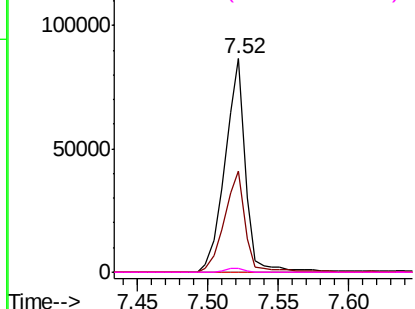
#19
n-Nitroso-di-n-propylamine
Concen: 18.194 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110489.D
Acq: 6 Nov 2018 3:07

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-B

Tgt Ion: 70 Resp: 87453
Ion Ratio Lower Upper
70 100
42 47.4 47.4 71.2#
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



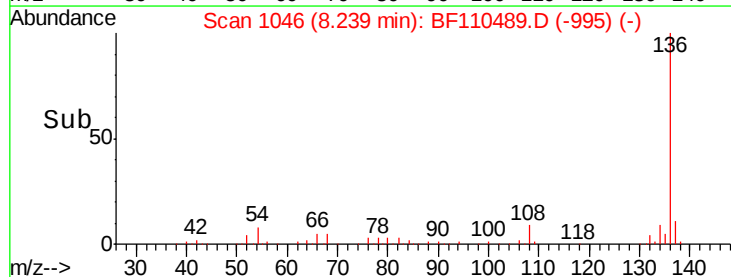
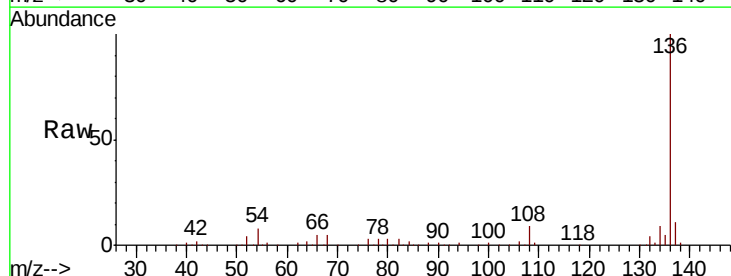
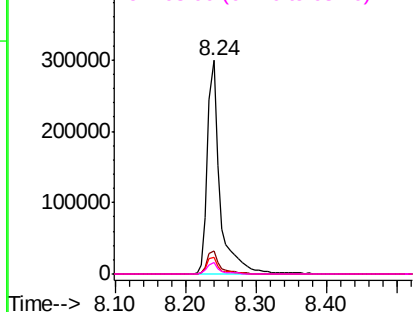
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

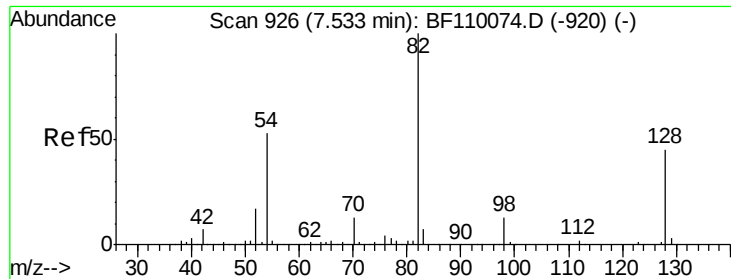


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110489.D
Acq: 6 Nov 2018 3:07

Tgt Ion: 136 Resp: 369361
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.9 5.4 8.2
68 5.3 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

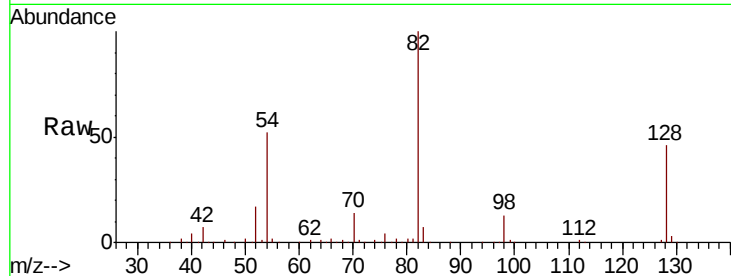




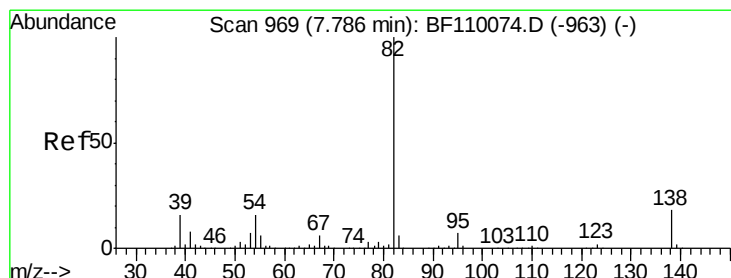
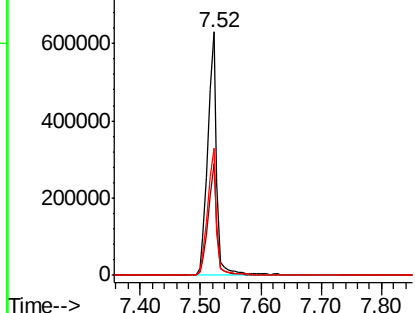
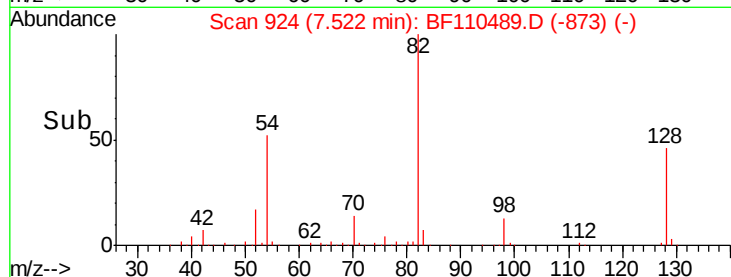
#23
Nitrobenzene-d5
Concen: 106.726 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110489.D
Acq: 6 Nov 2018 3:07

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-B

Tgt Ion: 82 Resp: 664616
Ion Ratio Lower Upper
82 100
128 45.8 34.2 51.2
54 52.3 38.6 58.0

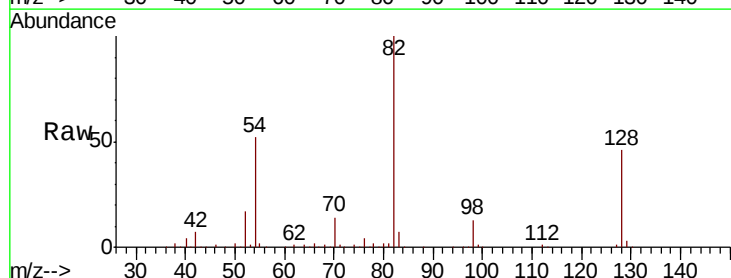


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

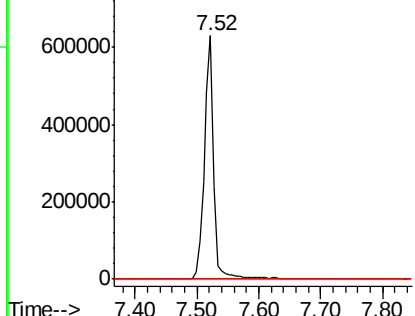
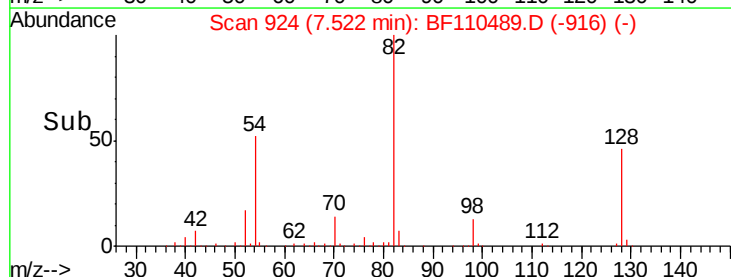


#25
Isophorone
Concen: 62.610 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110489.D
Acq: 6 Nov 2018 3:07

Tgt Ion: 82 Resp: 664613
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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110489.D

Acq: 6 Nov 2018 3:07

Instrument :

BNA_F

ClientSampleId :

110218-DBRI-E-D-B

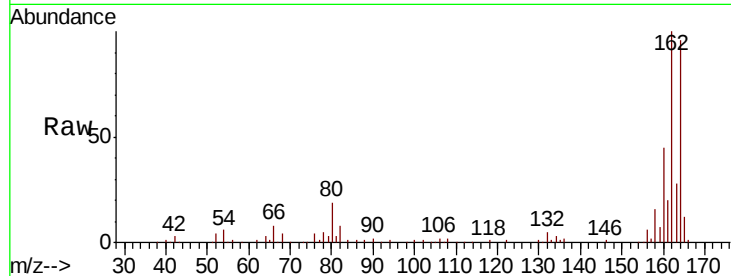
Tgt Ion:164 Resp: 154920

Ion Ratio Lower Upper

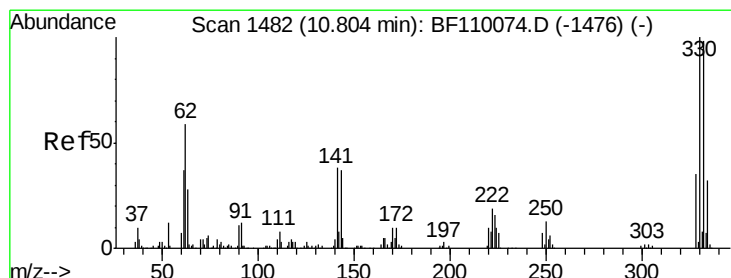
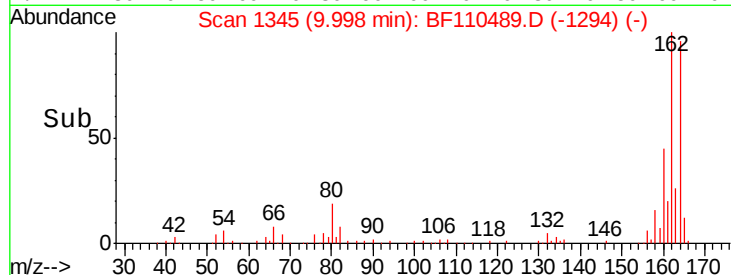
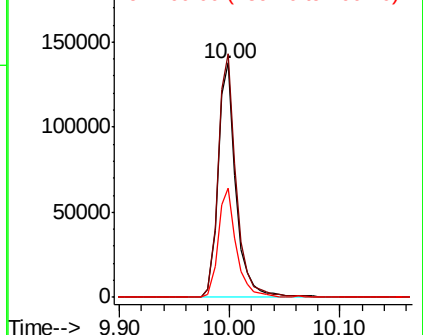
164 100

162 103.8 83.0 124.6

160 46.4 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: 82.068 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110489.D

Acq: 6 Nov 2018 3:07

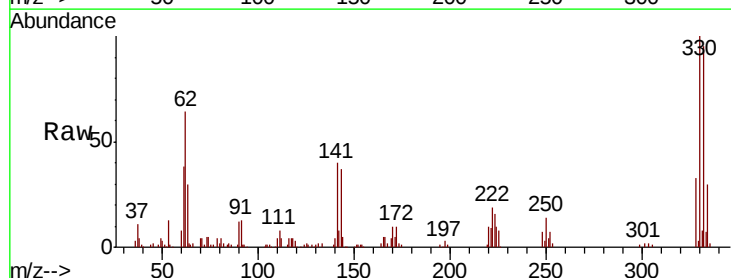
Tgt Ion:330 Resp: 125940

Ion Ratio Lower Upper

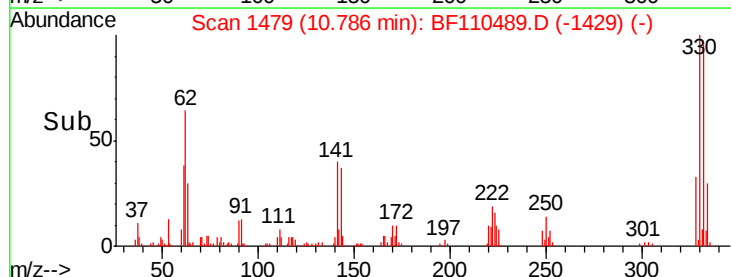
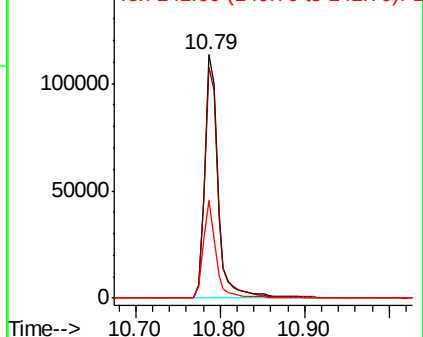
330 100

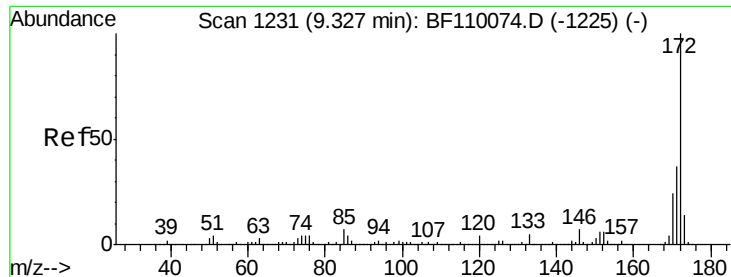
332 96.3 77.1 115.7

141 37.5 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

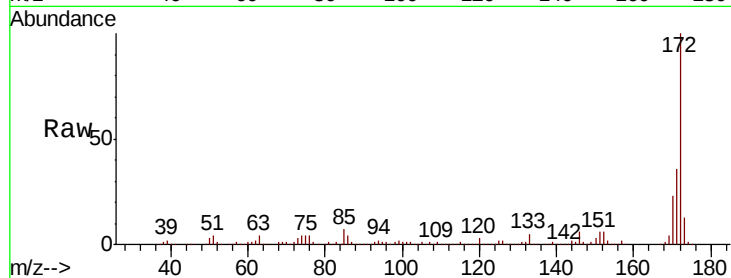




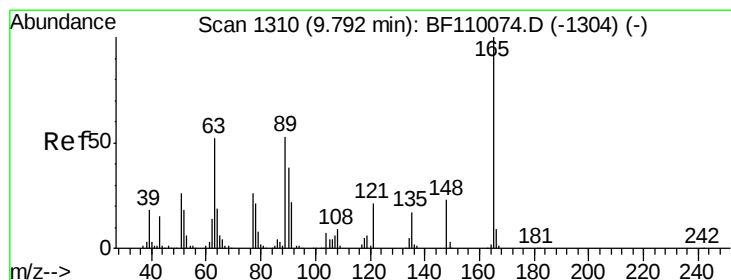
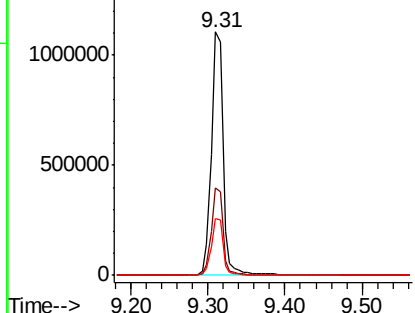
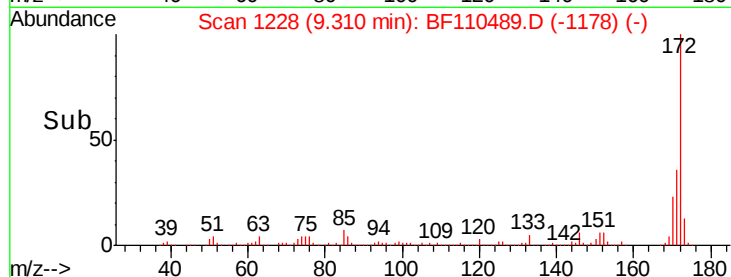
#45
 2-Fluorobiphenyl
 Concen: 117.681 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110489.D
 Acq: 6 Nov 2018 3:07

Instrument :
 BNA_F
 ClientSampleId :
 110218-DBRI-E-D-B

Tgt Ion:172 Resp: 1161027
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.4 19.7 29.5

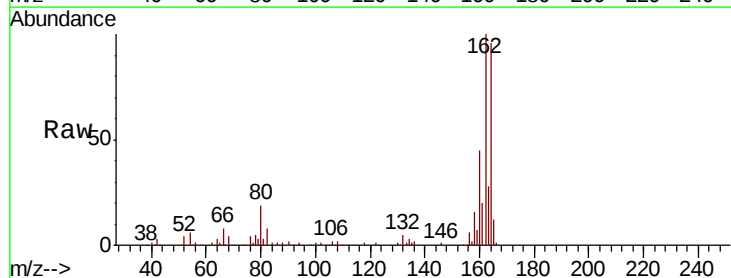


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

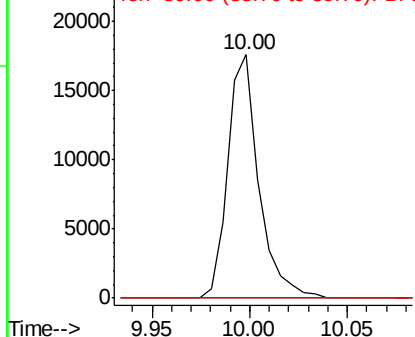
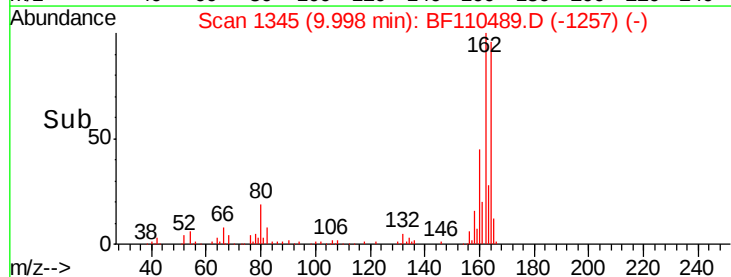


#51
 2,6-Dinitrotoluene
 Concen: 7.850 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110489.D
 Acq: 6 Nov 2018 3:07

Tgt Ion:165 Resp: 19337
 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

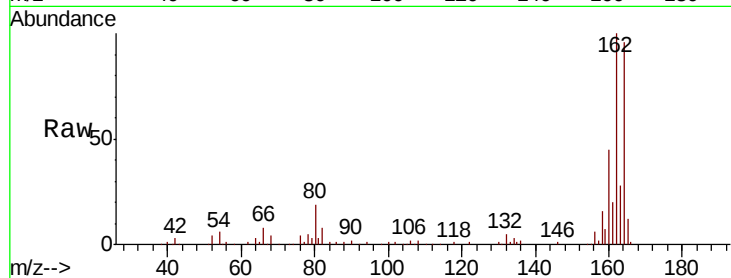




#57
 2,4-Dinitrotoluene
 Concen: 6.180 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110489.D
 Acq: 6 Nov 2018 3:07

Instrument :
 BNA_F
 ClientSampleId :
 110218-DBRI-E-D-B

Tgt 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#



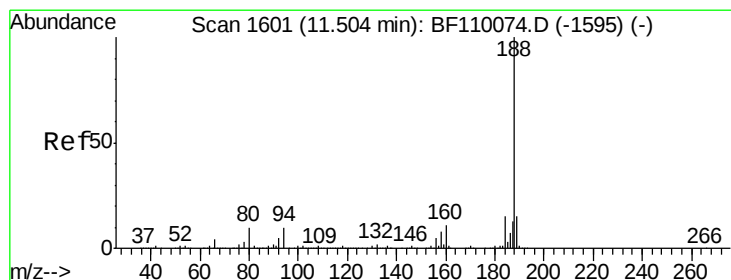
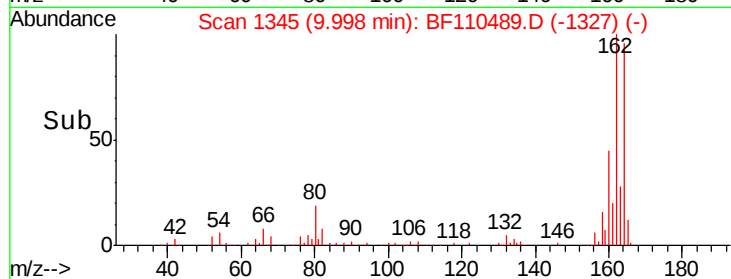
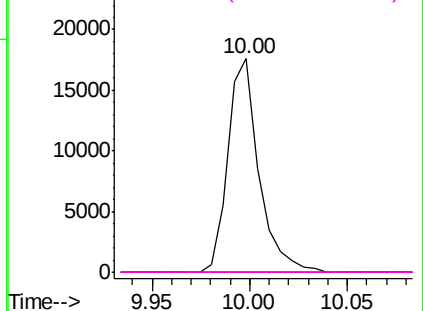
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

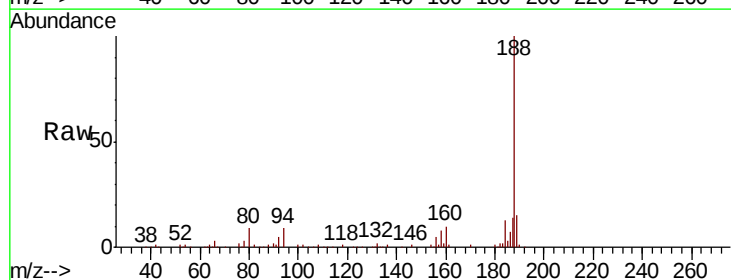
Ion 89.00 (88.70 to 89.70): BF1

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: BF110489.D
 Acq: 6 Nov 2018 3:07

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

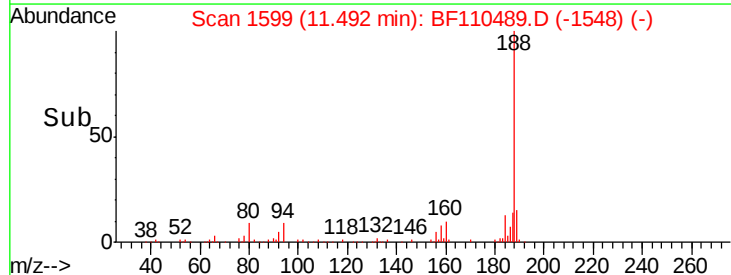
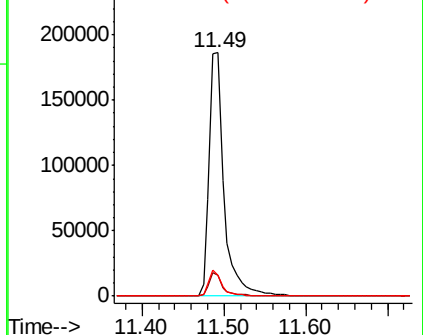


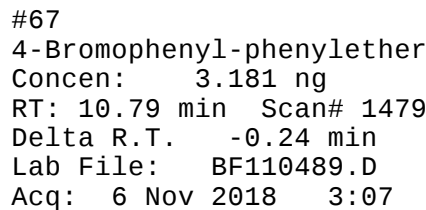
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

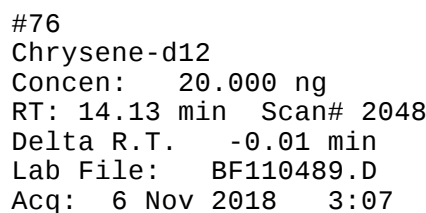
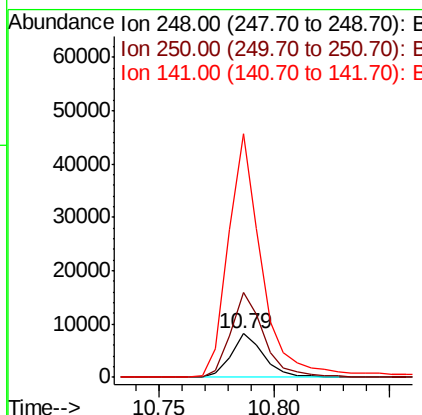
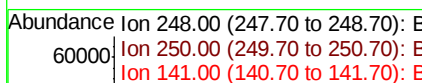
Ion 80.00 (79.70 to 80.70): BF1



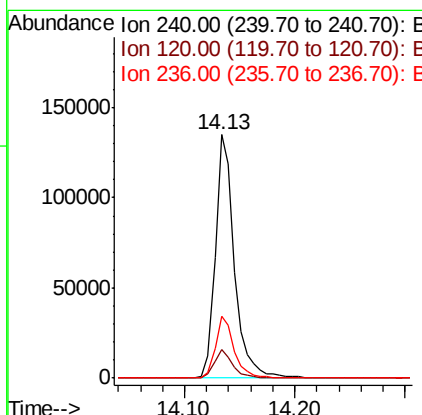
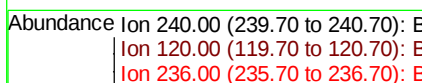


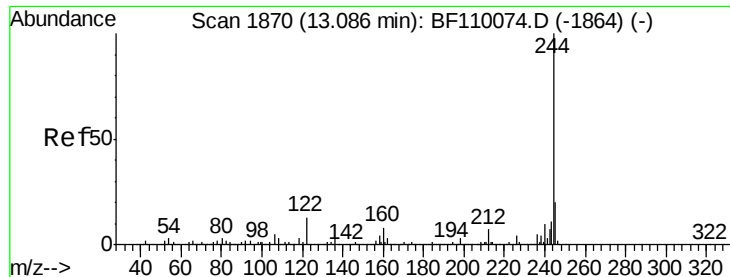
Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-B

Tgt	Ion:248	Resp:	8135
Ion	Ratio	Lower	Upper
248	100		
250	195.7	79.4	119.2#
141	559.3	55.9	83.9#



Tgt	Ion:240	Resp:	159888
Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.3	21.2	31.8





#79

Terphenyl-d14

Concen: 102.908 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110489.D

Acq: 6 Nov 2018 3:07

Instrument :

BNA_F

ClientSampleId :

110218-DBRI-E-D-B

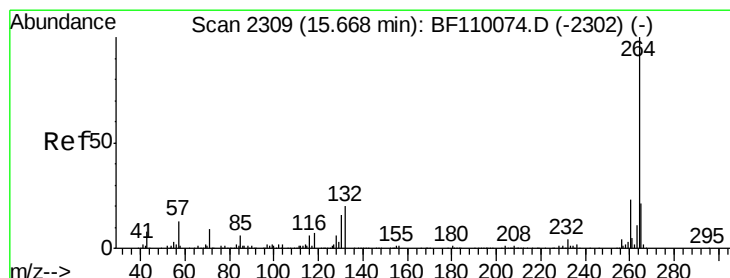
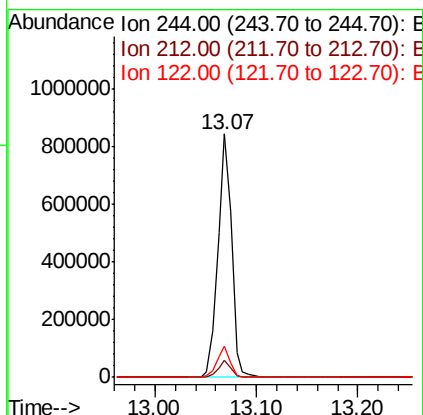
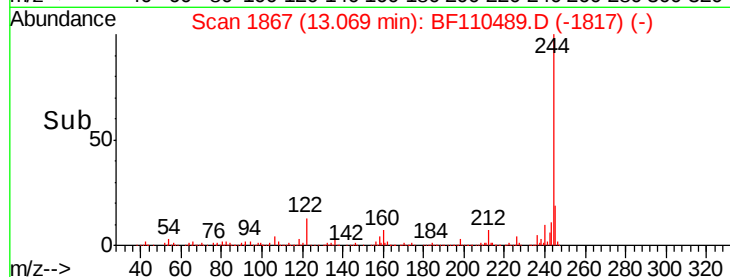
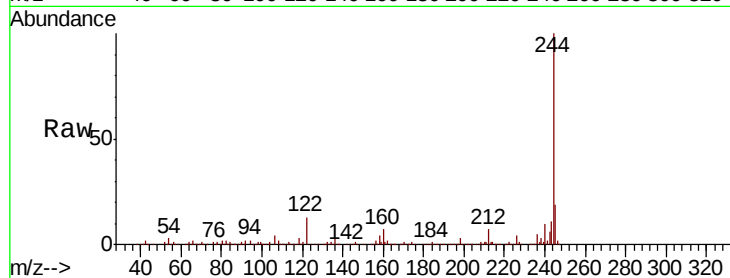
Tgt Ion:244 Resp: 791156

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 12.5 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110489.D

Acq: 6 Nov 2018 3:07

Tgt Ion:264 Resp: 122292

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.1 16.7 25.1

