

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110872.D
 Acq On : 20 Nov 2018 00:45
 Operator : JU/SJ
 Sample : J5985-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-U-B

Quant Time: Nov 20 05:57:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

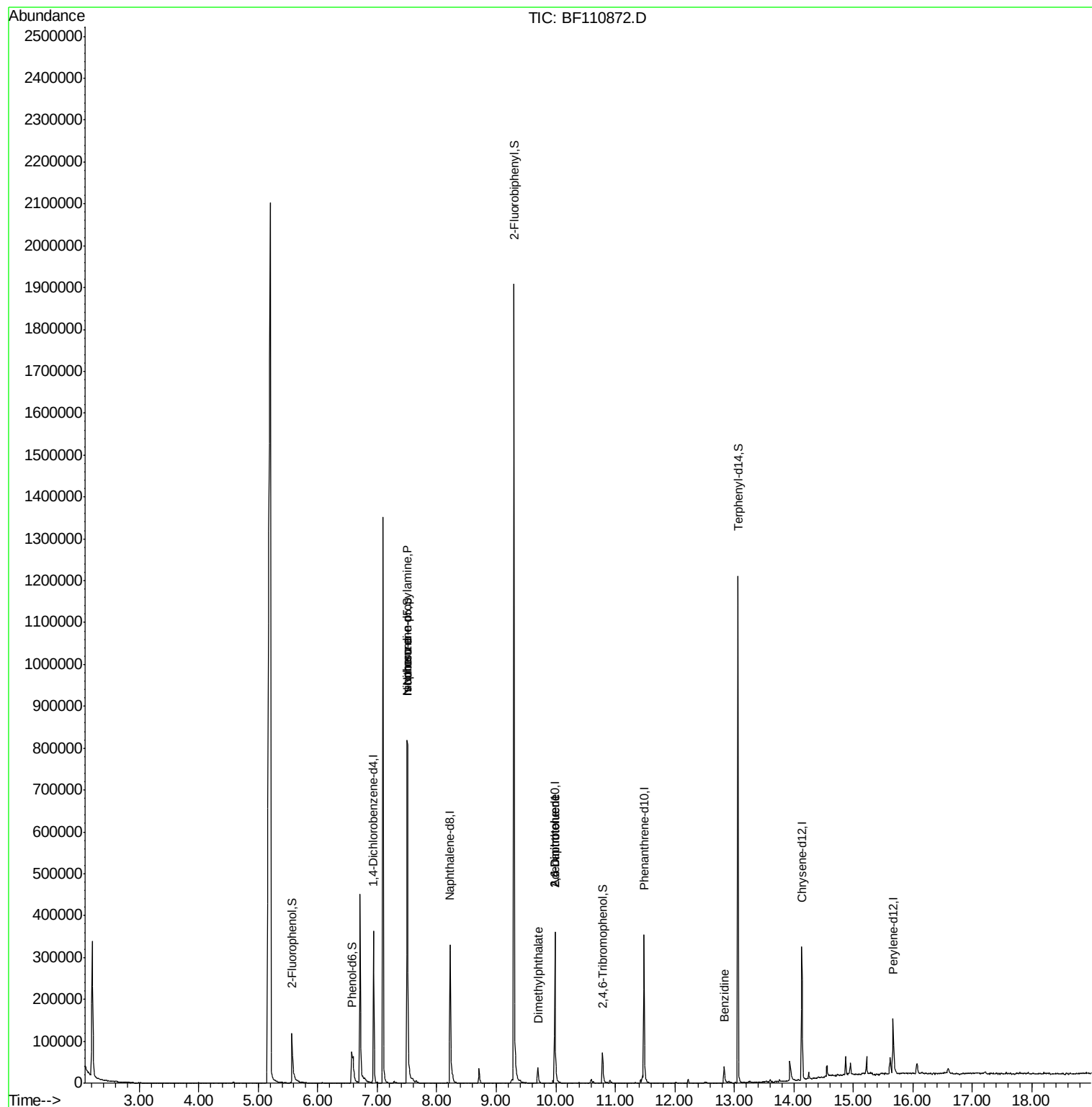
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	52272	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	221548	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	95714	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	155643	20.00	ng	0.00
76) Chrysene-d12	14.13	240	125350	20.00	ng	0.00
87) Perylene-d12	15.67	264	79536	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	62224	19.34	ng	0.00
7) Phenol-d6	6.57	99	48036	11.67	ng	0.00
23) Nitrobenzene-d5	7.50	82	314891	81.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	14235	14.76	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	631789	94.27	ng	0.00
79) Terphenyl-d14	13.06	244	427086	63.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	2987	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	41833	15.925 ng	#	77
25) Isophorone	7.50	82	314891	49.941 ng	#	81
50) Dimethylphthalate	9.70	163	26808	3.754 ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	11861	7.550 ng	#	99
57) 2,4-Dinitrotoluene	9.98	165	11861	5.806 ng	#	21
77) Benzidine	12.83	184	29960	8.691 ng	#	17
						96

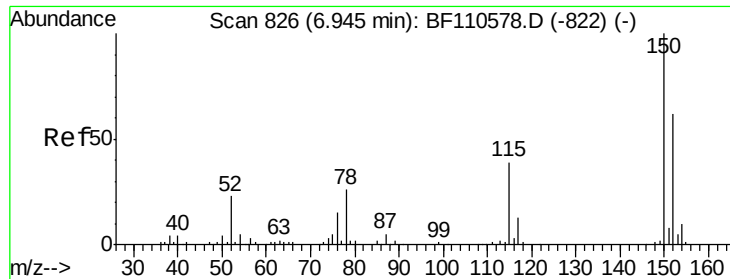
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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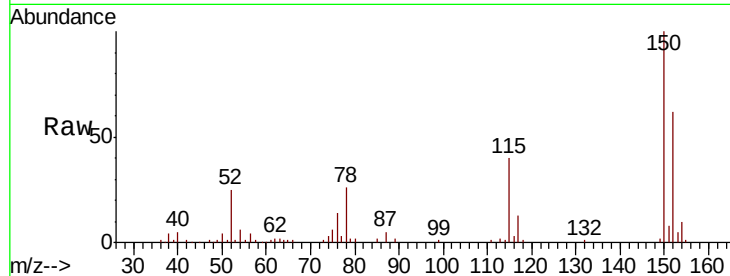




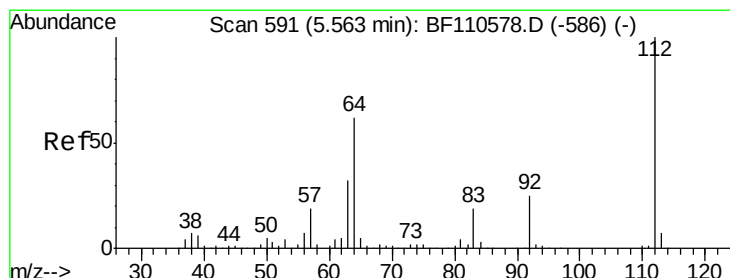
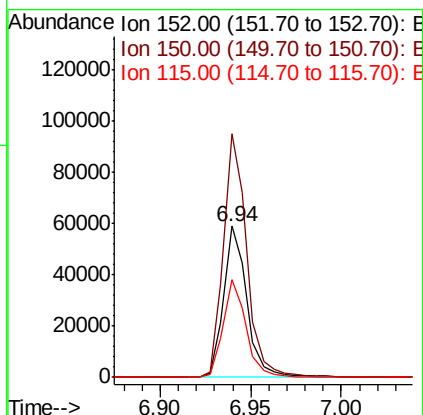
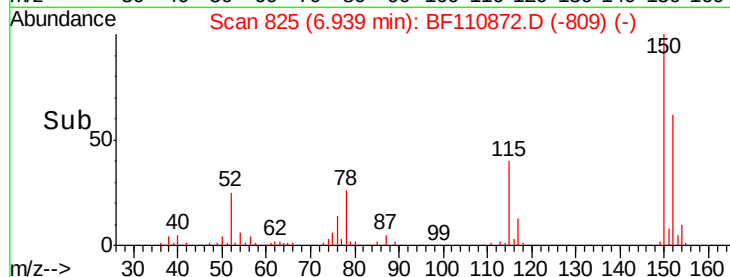
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110872.D
 Acq: 20 Nov 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-U-B

Tgt Ion:152 Resp: 52272
 Ion Ratio Lower Upper
 152 100
 150 160.9 122.7 184.1
 115 64.4 49.1 73.7

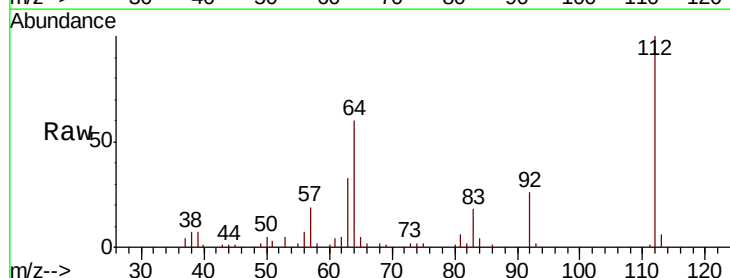


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

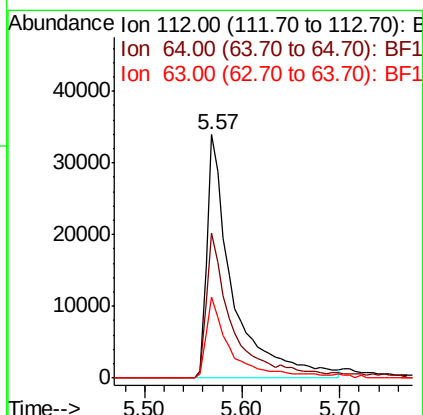
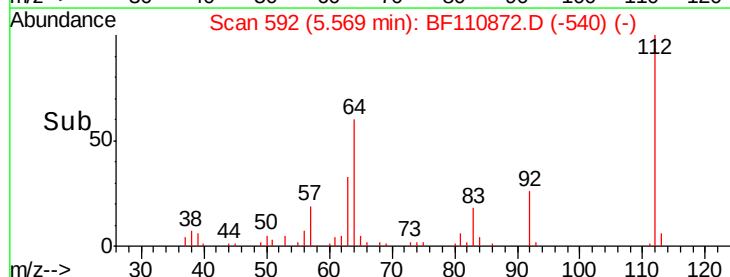


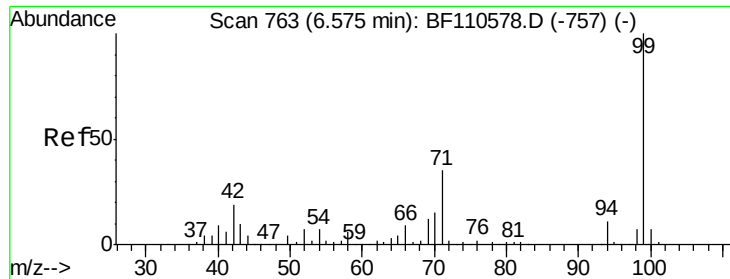
#5
 2-Fluorophenol
 Concen: 19.336 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110872.D
 Acq: 20 Nov 2018 00:45

Tgt Ion:112 Resp: 62224
 Ion Ratio Lower Upper
 112 100
 64 59.7 44.1 66.1
 63 33.2 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: 11.673 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-U-B

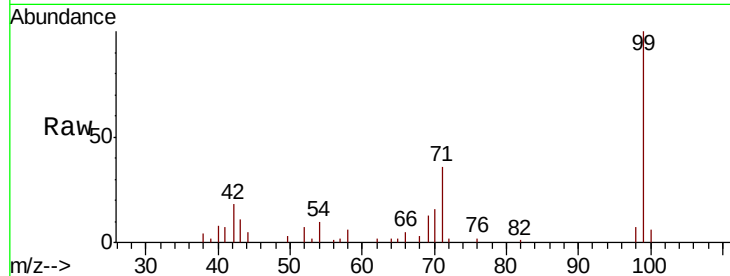
Tgt Ion: 99 Resp: 48036

Ion Ratio Lower Upper

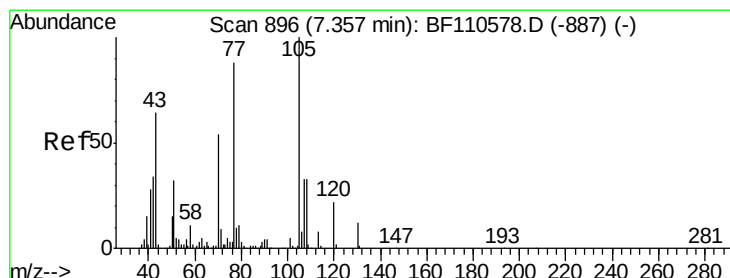
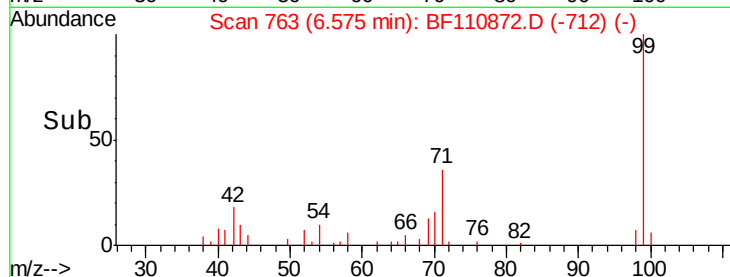
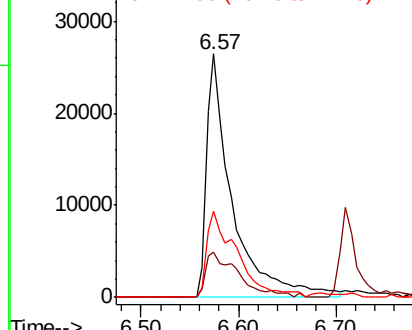
99 100

42 18.5 15.8 23.6

71 35.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.925 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

Tgt Ion: 70 Resp: 41833

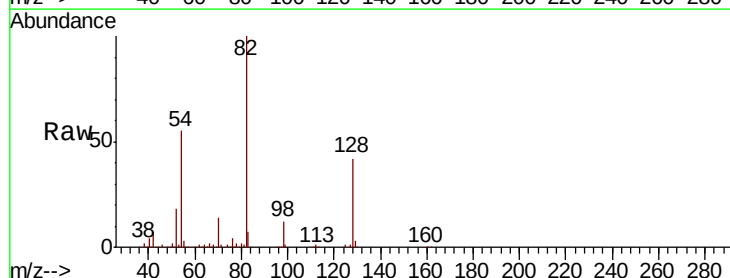
Ion Ratio Lower Upper

70 100

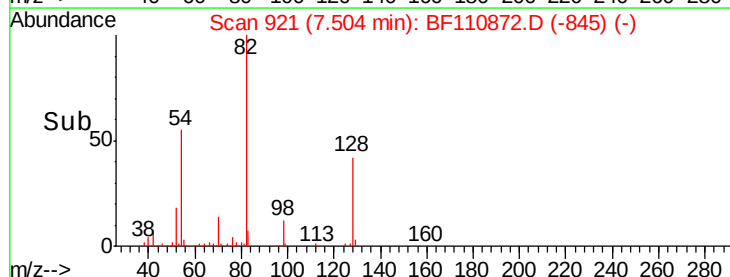
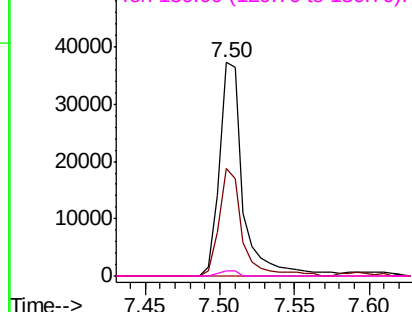
42 50.5 47.4 71.2

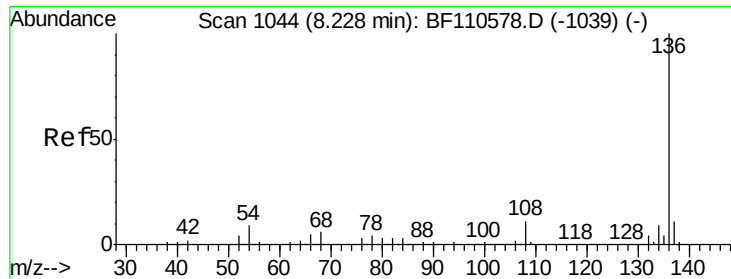
101 0.0 7.3 10.9#

130 2.4 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

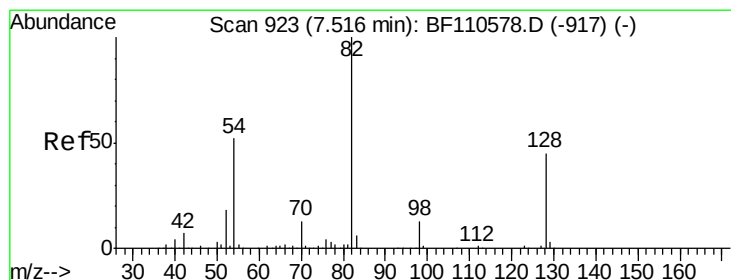
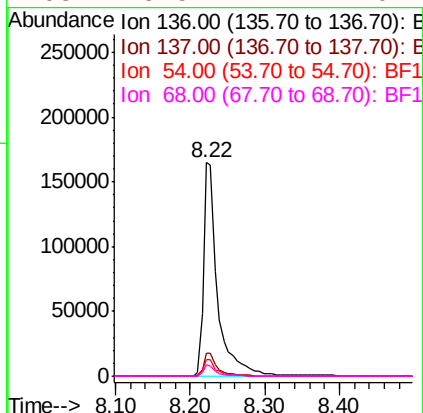
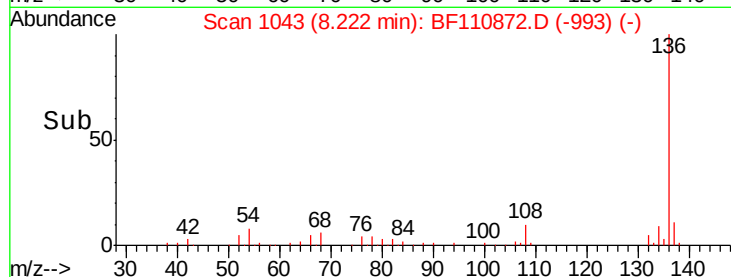
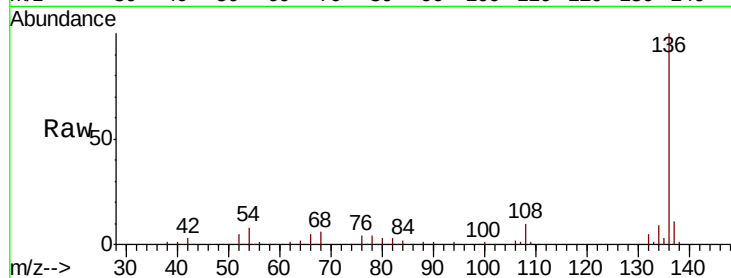




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110872.D
Acq: 20 Nov 2018 00:45

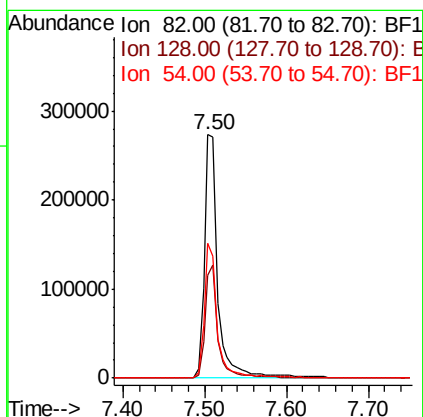
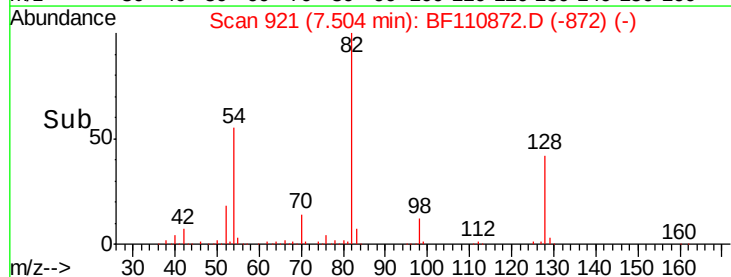
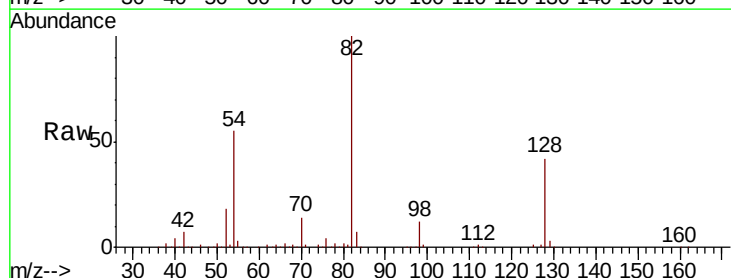
Instrument :
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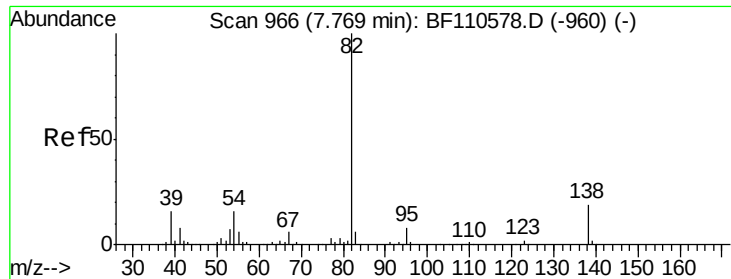
Tgt Ion:	136	Resp:	221548
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.0	5.4	8.2
68	5.5	4.2	6.2



#23
Nitrobenzene-d5
Concen: 81.853 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110872.D
Acq: 20 Nov 2018 00:45

Tgt Ion:	82	Resp:	314891
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.2	51.2
54	55.4	38.6	58.0





#25

Isophorone

Concen: 49.941 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-U-B

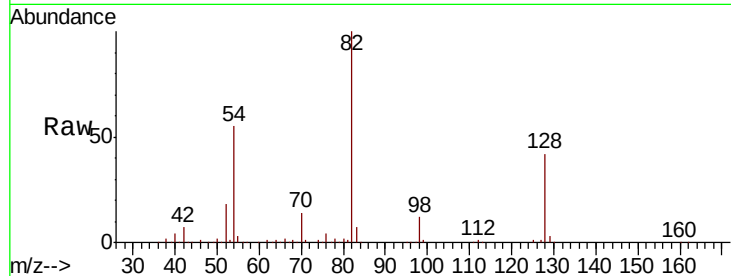
Tgt Ion: 82 Resp: 314891

Ion Ratio Lower Upper

82 100

95 0.5 5.7 8.5#

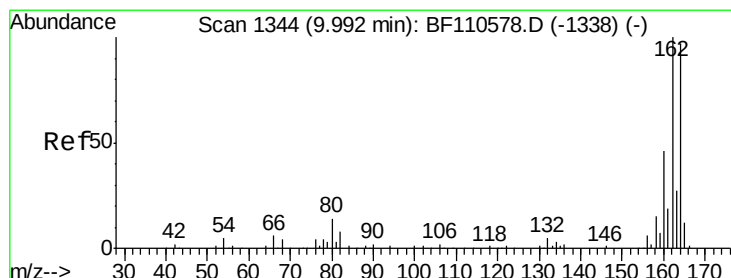
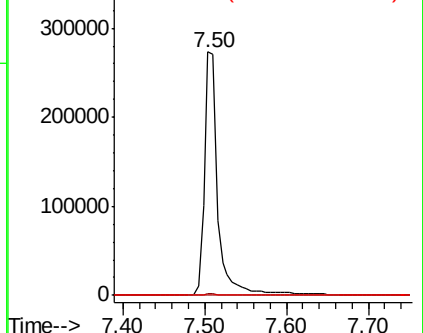
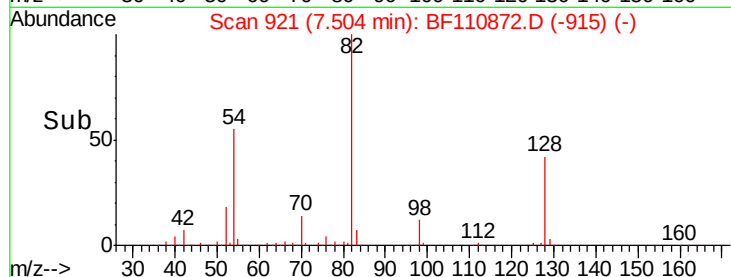
138 0.0 13.2 19.8#



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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

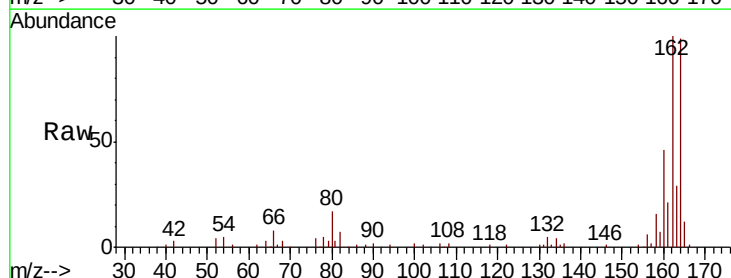
Tgt Ion: 164 Resp: 95714

Ion Ratio Lower Upper

164 100

162 101.4 83.0 124.6

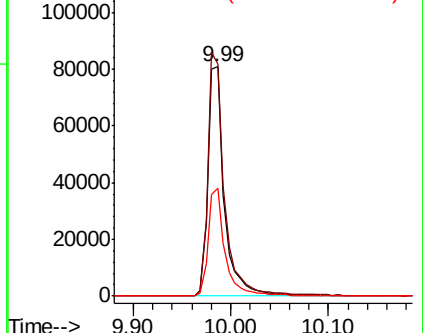
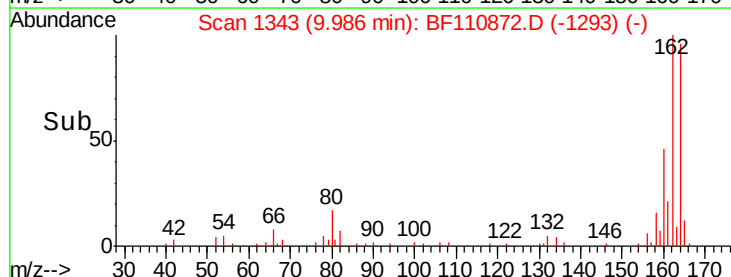
160 46.9 37.0 55.6

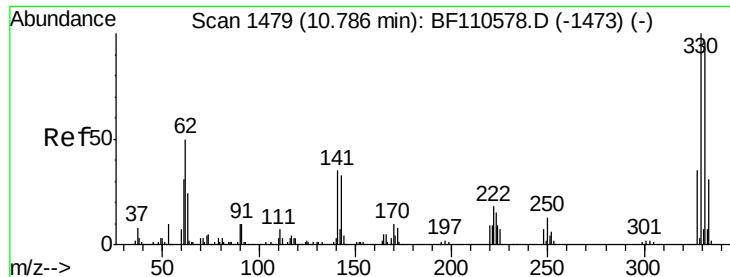


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

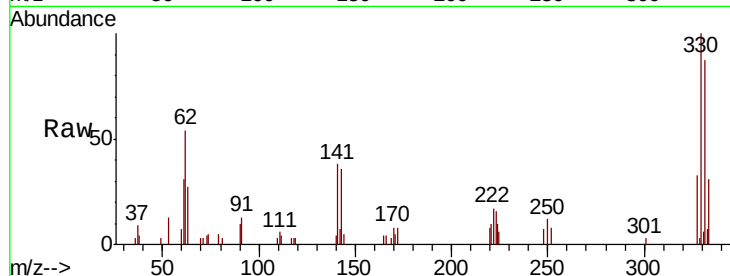




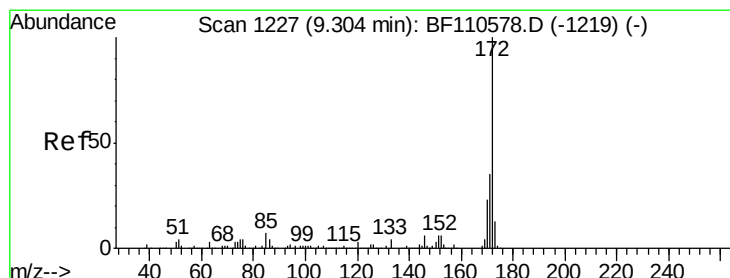
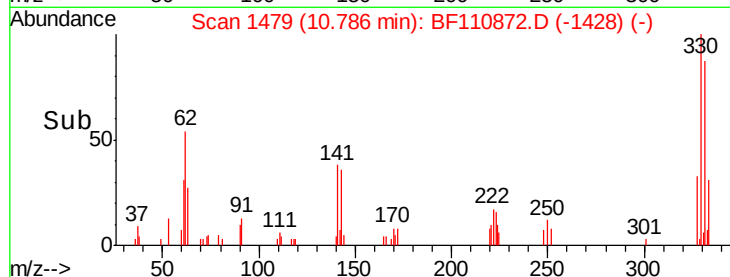
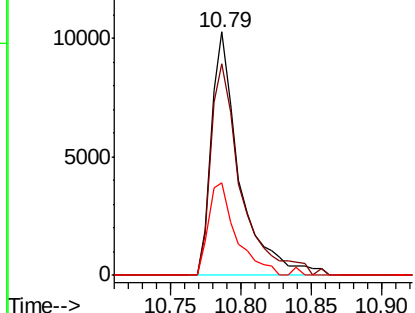
#42
 2,4,6-Tribromophenol
 Concen: 14.760 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF110872.D
 Acq: 20 Nov 2018 00:45

Instrument :
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 111518-DBRI-E-U-B

Tgt Ion: 330 Resp: 14235
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.1 115.7
 141 37.3 27.0 40.4

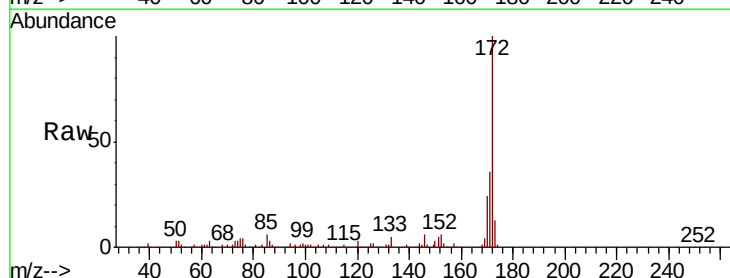


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

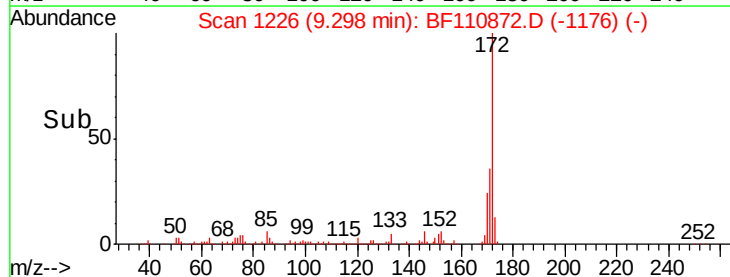
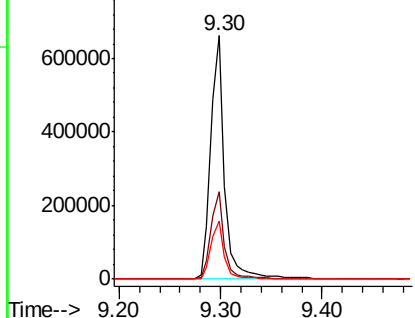


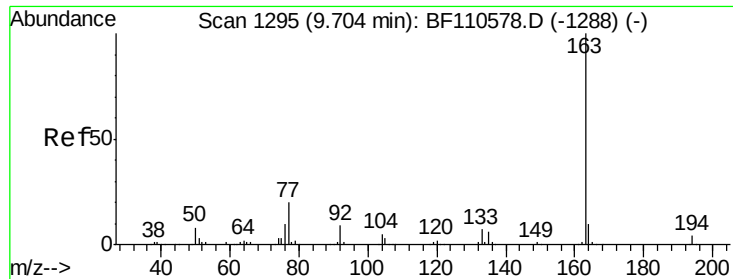
#45
 2-Fluorobiphenyl
 Concen: 94.271 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110872.D
 Acq: 20 Nov 2018 00:45

Tgt Ion: 172 Resp: 631789
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.7 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

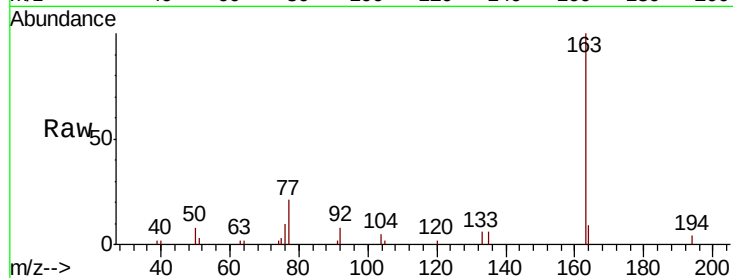




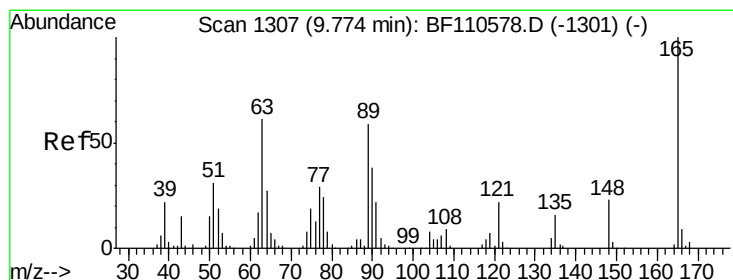
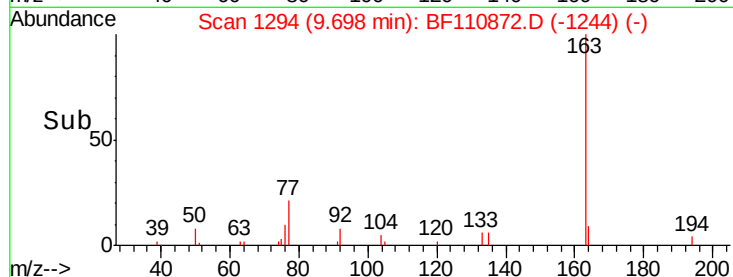
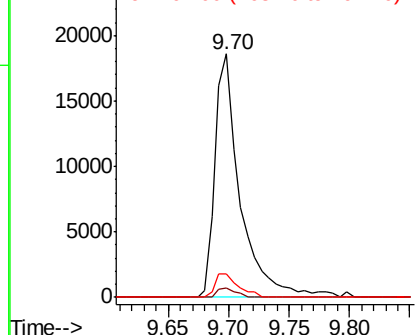
#50
Dimethylphthalate
Concen: 3.754 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110872.D
Acq: 20 Nov 2018 00:45

Instrument :
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Tgt Ion:163 Resp: 26808
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.4 8.1 12.1

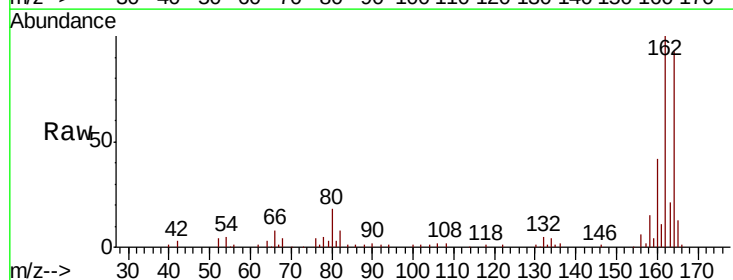


Abundance Ion 163.00 (162.70 to 163.70): E
25000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

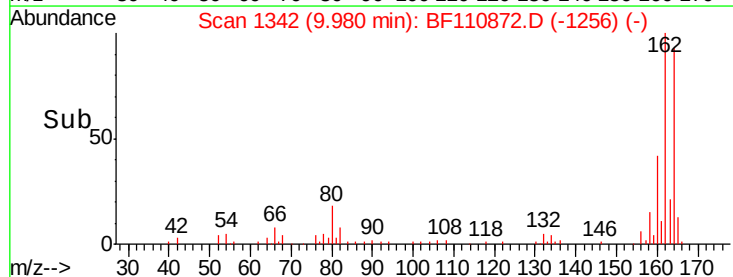
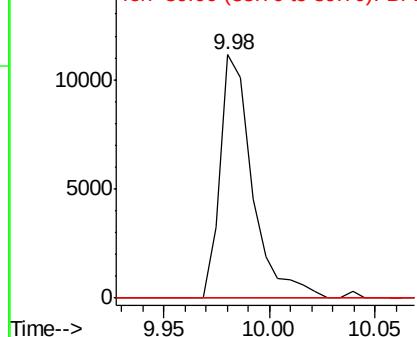


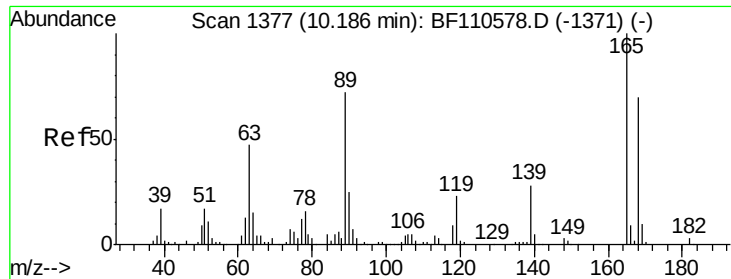
#51
2,6-Dinitrotoluene
Concen: 7.550 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110872.D
Acq: 20 Nov 2018 00:45

Tgt Ion:165 Resp: 11861
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
15000 Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

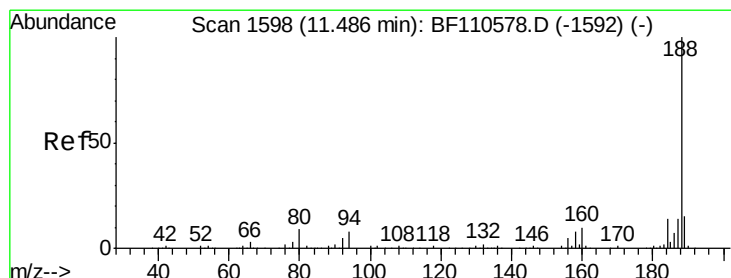
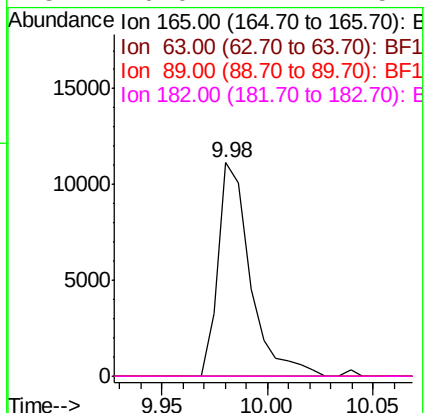
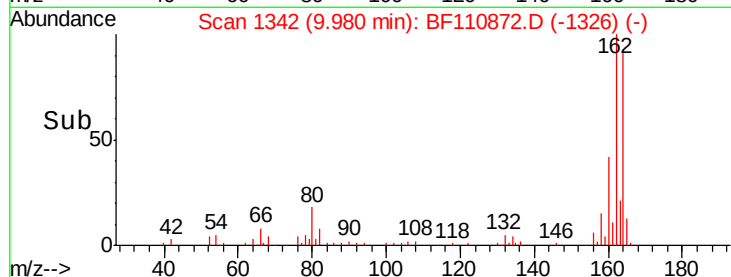
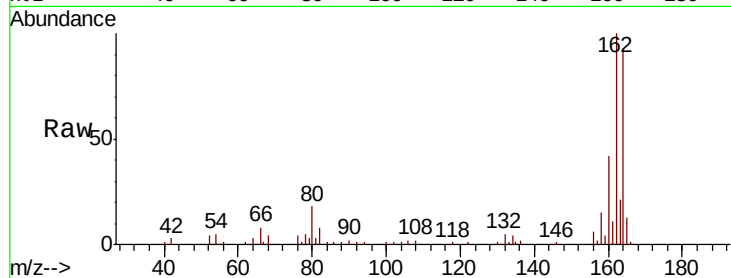




#57
 2,4-Dinitrotoluene
 Concen: 5.806 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110872.D
 Acq: 20 Nov 2018 00:45

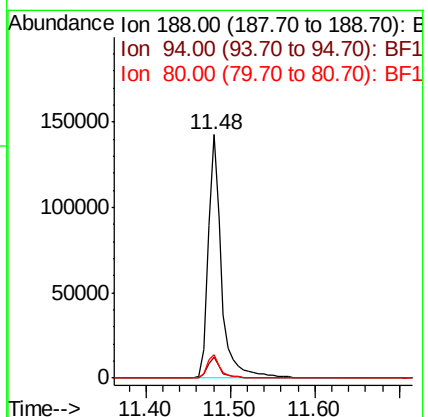
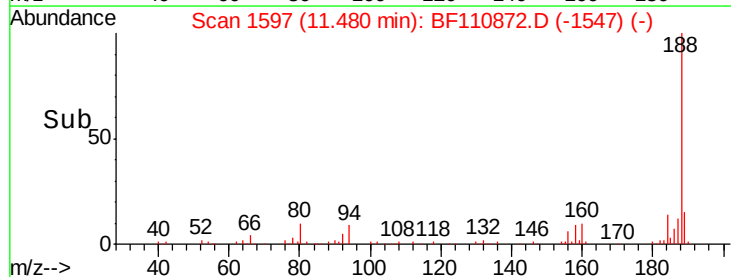
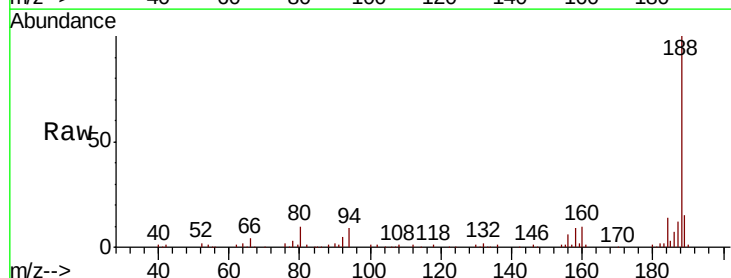
Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-U-B

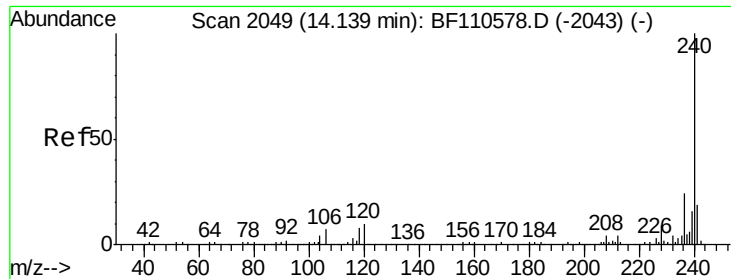
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110872.D
 Acq: 20 Nov 2018 00:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.6	7.9	11.9

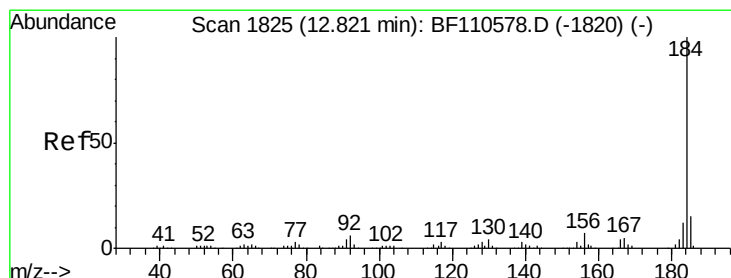
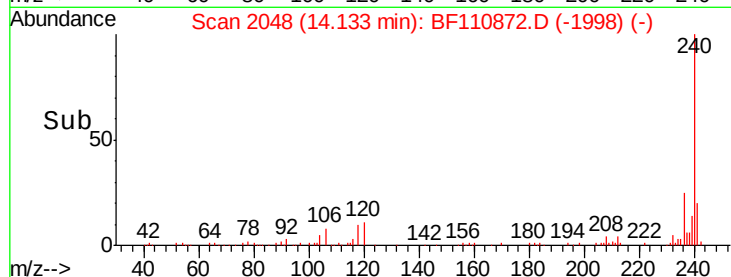
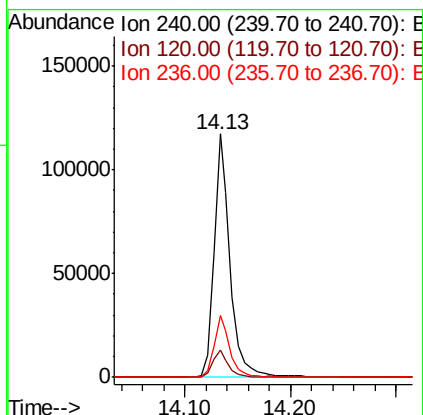
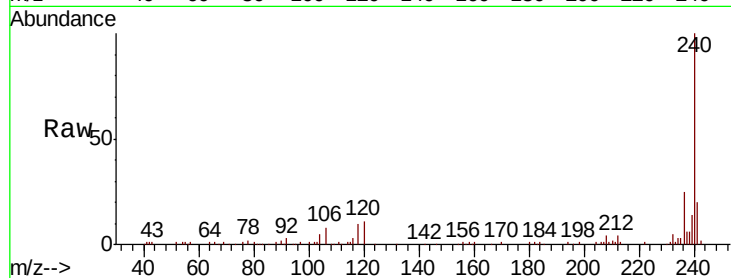




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110872.D
Acq: 20 Nov 2018 00:45

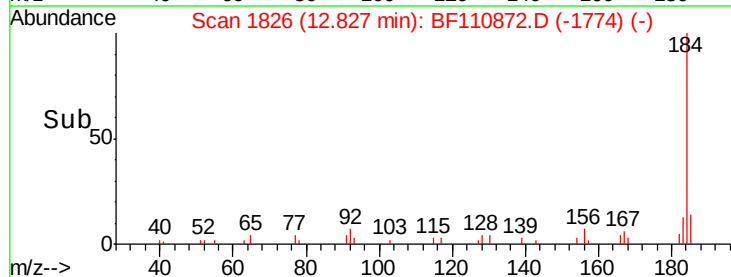
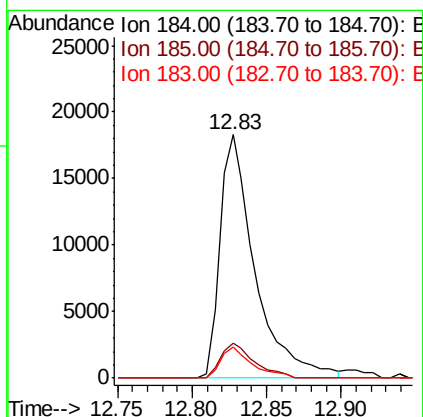
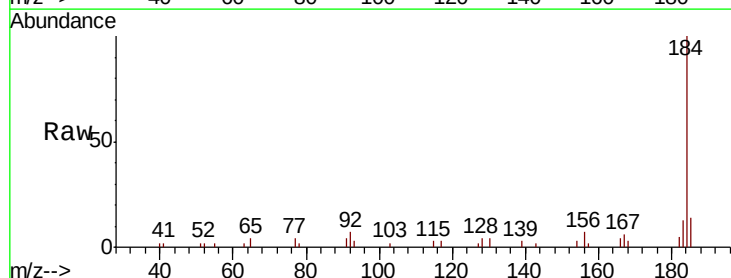
Instrument :
BNA_F
ClientSampleId :
111518-DBRI-E-U-B

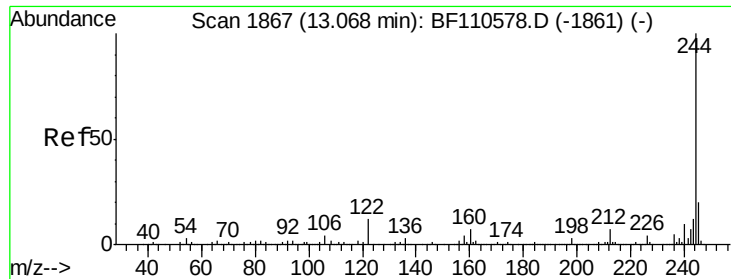
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.3	21.2	31.8



#77
Benzidine
Concen: 8.691 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF110872.D
Acq: 20 Nov 2018 00:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.2
183	12.6	9.4	14.2





#79

Terphenyl-d14

Concen: 63.808 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-U-B

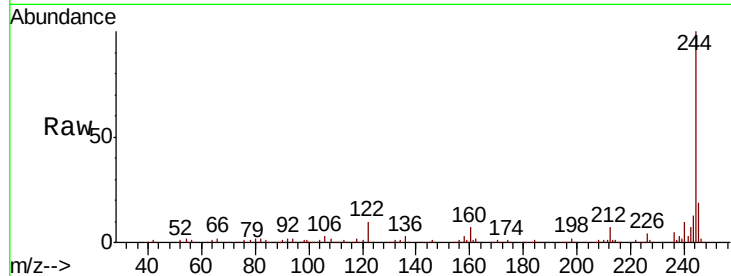
Tgt Ion:244 Resp: 427086

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

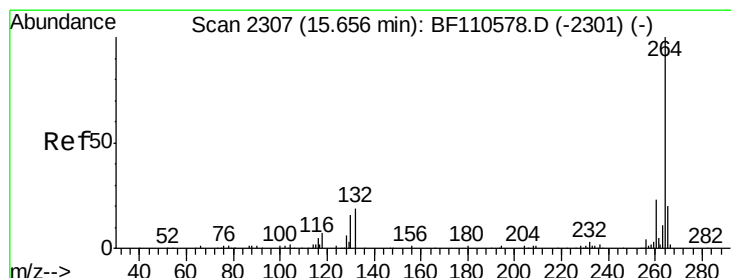
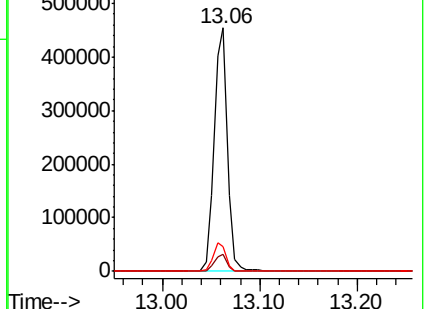
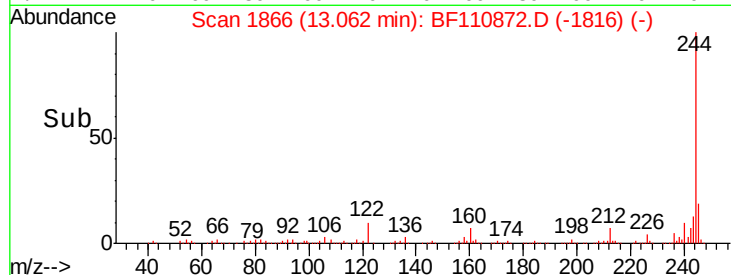
122 10.2 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

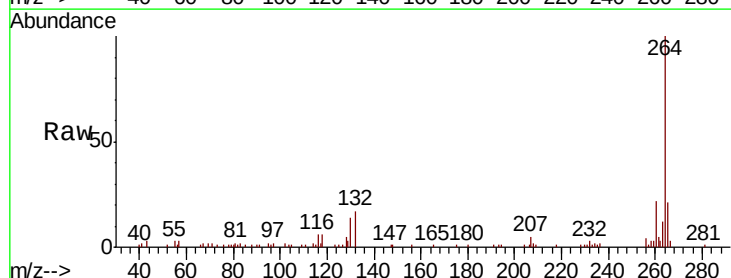
Tgt Ion:264 Resp: 79536

Ion Ratio Lower Upper

264 100

260 21.6 18.7 28.1

265 20.6 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

