

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110873.D
 Acq On : 20 Nov 2018 1:12
 Operator : JU/SJ
 Sample : J5985-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Nov 20 05:57:52 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

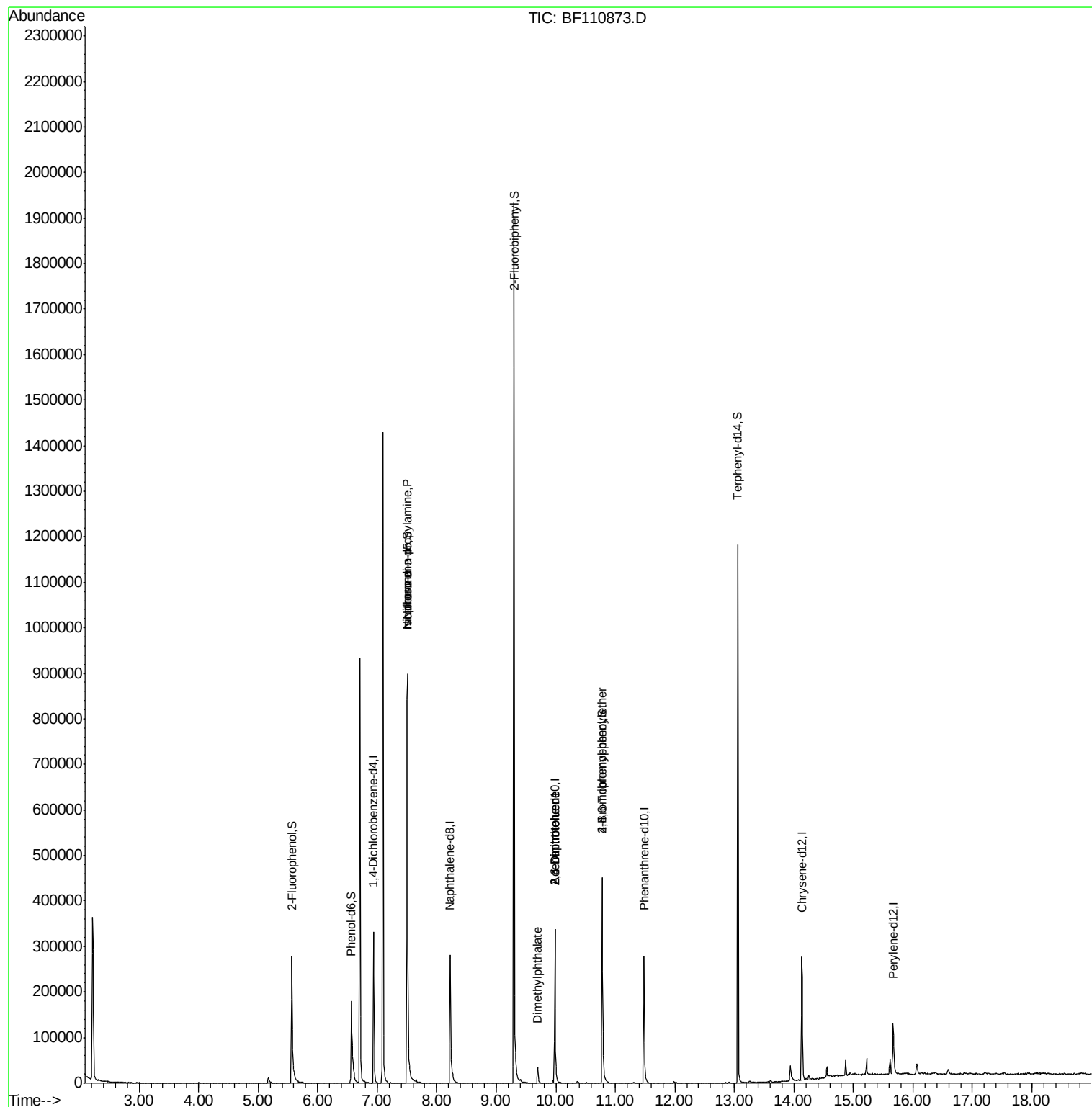
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	49725	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	199695	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	84730	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	136317	20.00	ng	0.00
76) Chrysene-d12	14.13	240	112455	20.00	ng	0.00
87) Perylene-d12	15.67	264	70877	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	121487	39.68	ng	0.00
7) Phenol-d6	6.57	99	87957	22.47	ng	0.00
23) Nitrobenzene-d5	7.51	82	351157	101.27	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	66903	78.36	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	651087	109.75	ng	0.00
79) Terphenyl-d14	13.06	244	431533	71.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	46193	18.486	ng	Qvalue # 79
25) Isophorone	7.51	82	351157	61.787	ng	# 67
50) Dimethylphthalate	9.69	163	22036	3.485	ng	99
51) 2,6-Dinitrotoluene	9.98	165	10353	7.444	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	10353	5.725	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	3898	2.587	ng	# 1

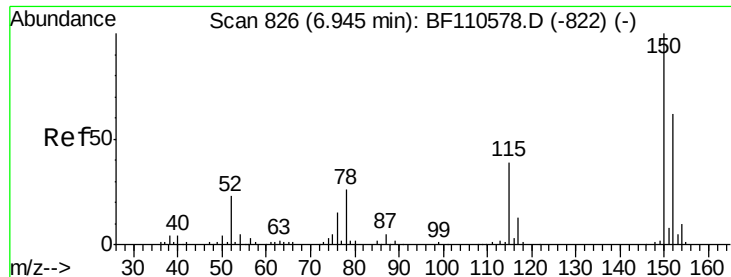
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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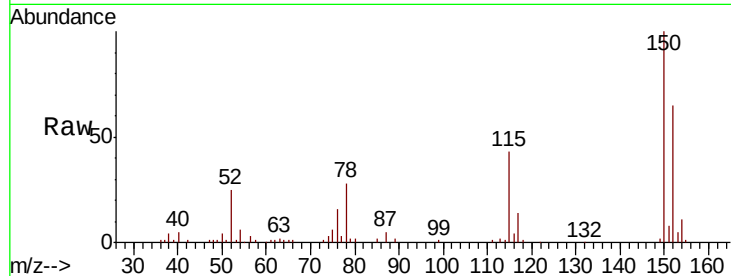


#1

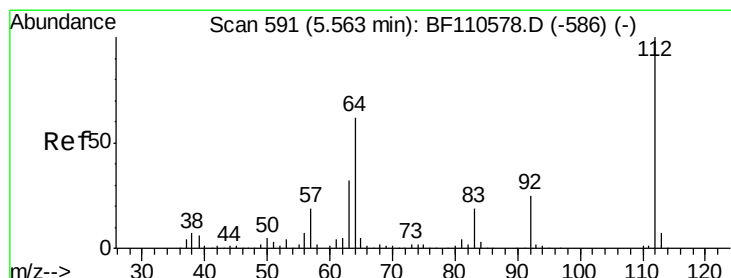
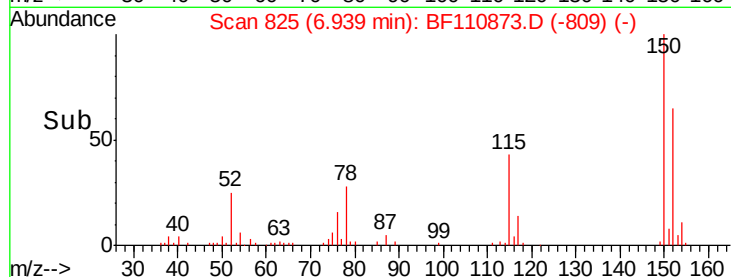
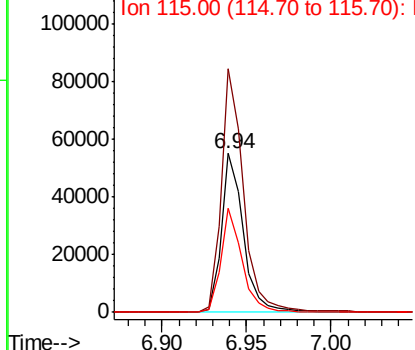
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110873.D
Acq: 20 Nov 2018 1:12

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

Tgt Ion:152 Resp: 49725
Ion Ratio Lower Upper
152 100
150 153.4 122.7 184.1
115 65.3 49.1 73.7



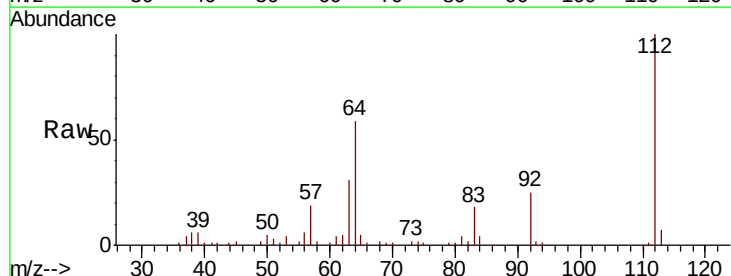
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



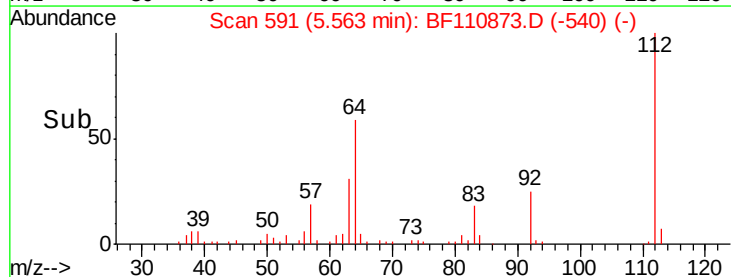
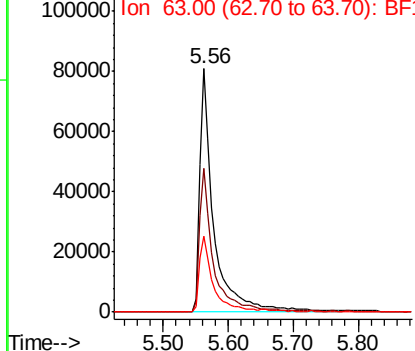
#5

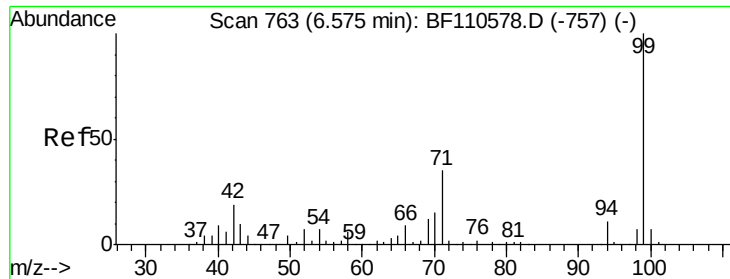
2-Fluorophenol
Concen: 39.685 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110873.D
Acq: 20 Nov 2018 1:12

Tgt Ion:112 Resp: 121487
Ion Ratio Lower Upper
112 100
64 59.3 44.1 66.1
63 31.1 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: 22.469 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110873.D

Acq: 20 Nov 2018 1:12

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-U-S

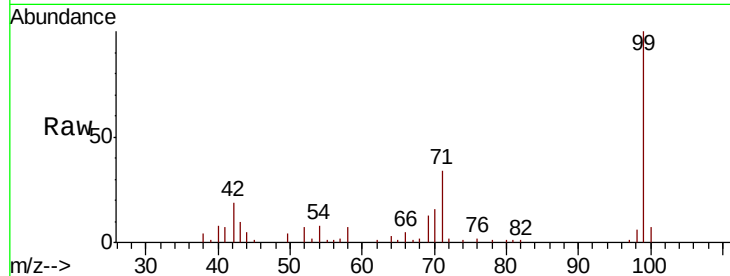
Tgt Ion: 99 Resp: 87957

Ion Ratio Lower Upper

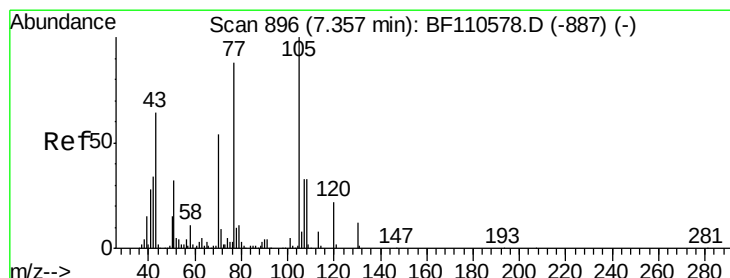
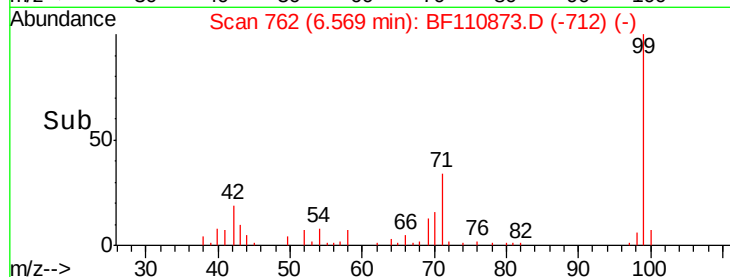
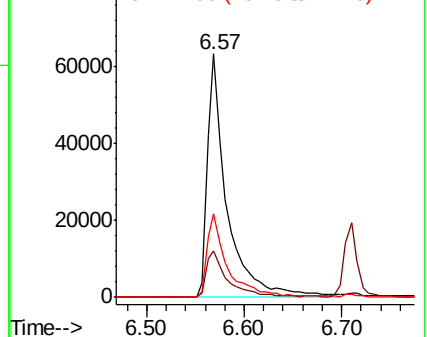
99 100

42 18.8 15.8 23.6

71 34.4 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: 18.486 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110873.D

Acq: 20 Nov 2018 1:12

Tgt Ion: 70 Resp: 46193

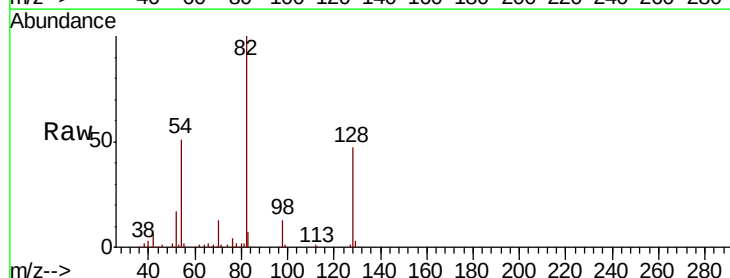
Ion Ratio Lower Upper

70 100

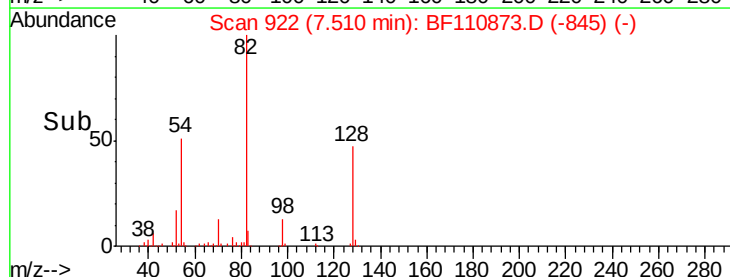
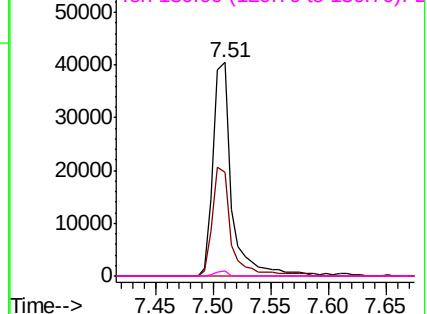
42 48.7 47.4 71.2

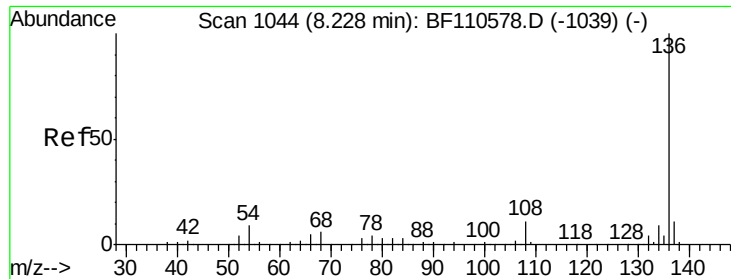
101 0.0 7.3 10.9#

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): E
Ion 130.00 (129.70 to 130.70): E

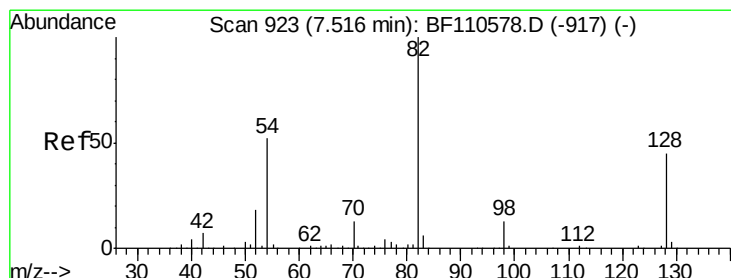
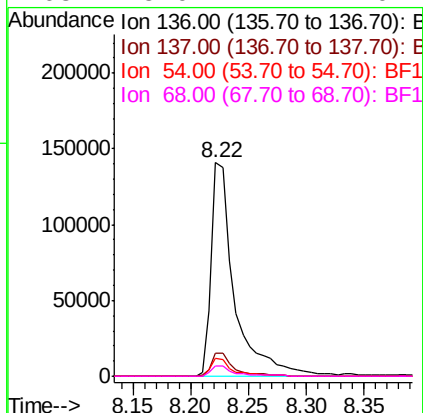
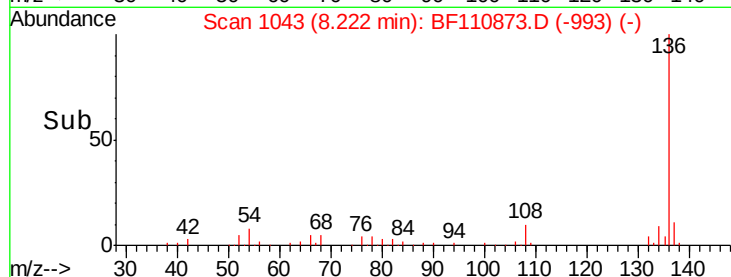
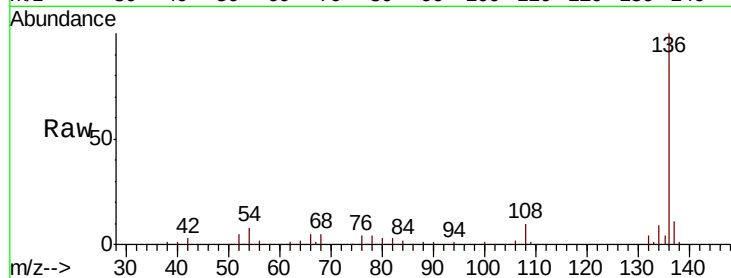




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110873.D
Acq: 20 Nov 2018 1:12

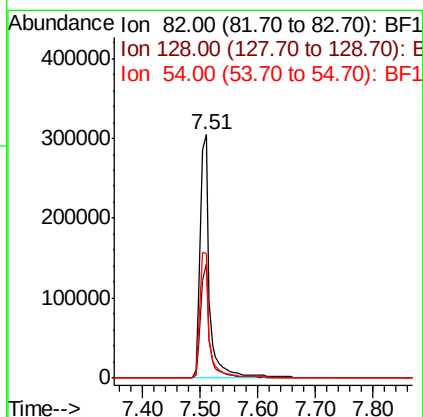
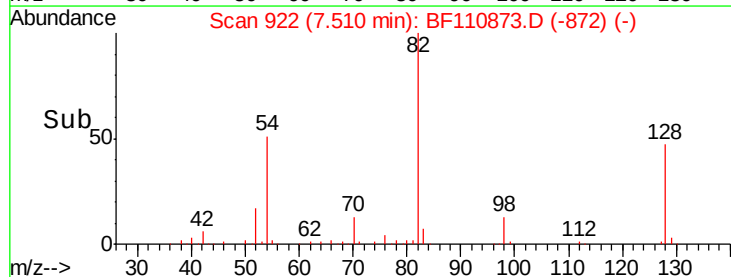
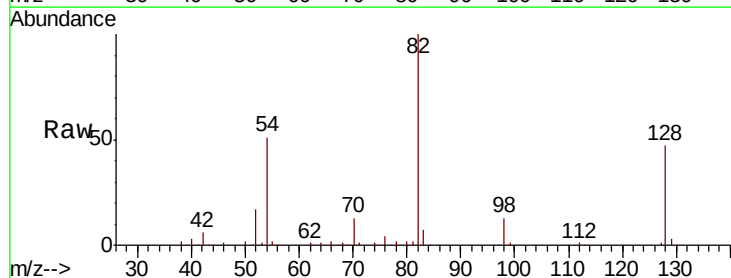
Instrument :
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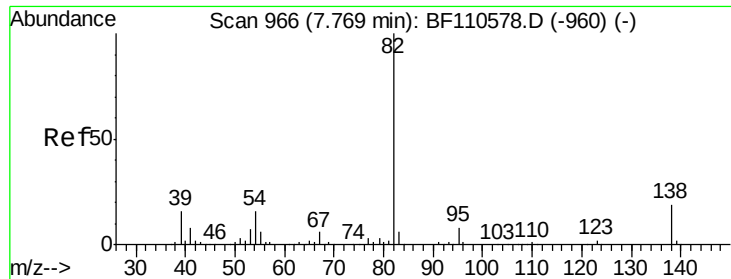
Tgt Ion:	136	Resp:	199695
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.2	5.4	8.2#
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 101.269 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110873.D
Acq: 20 Nov 2018 1:12

Tgt Ion:	82	Resp:	351157
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.2	51.2
54	51.4	38.6	58.0





#25

Isophorone

Concen: 61.787 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110873.D

Acq: 20 Nov 2018 1:12

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-U-S

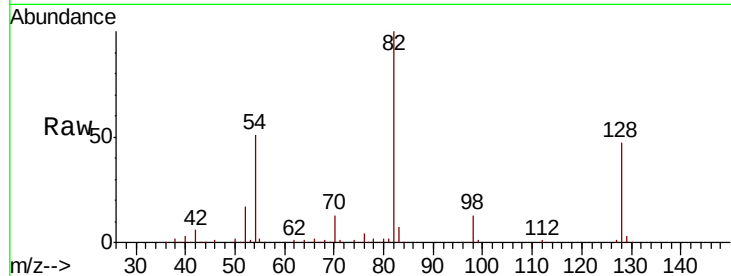
Tgt Ion: 82 Resp: 351157

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

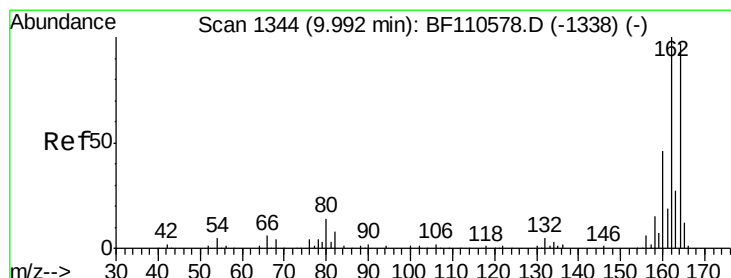
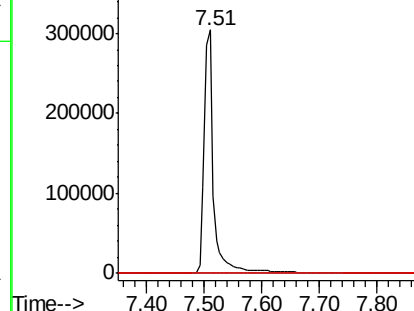
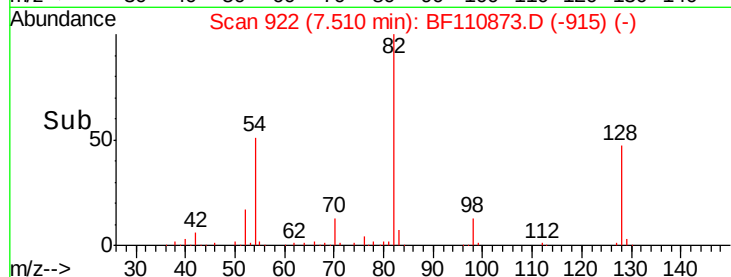
138 0.0 13.2 19.8#



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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110873.D

Acq: 20 Nov 2018 1:12

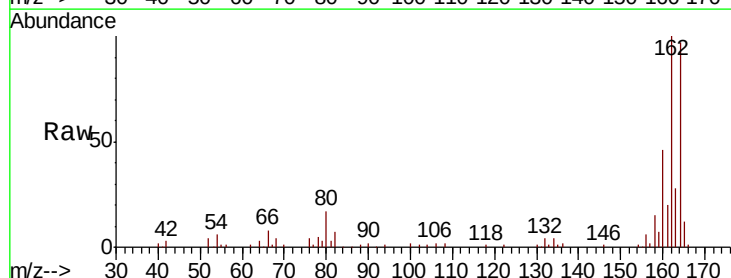
Tgt Ion: 164 Resp: 84730

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.6

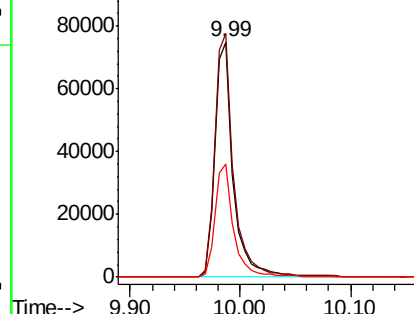
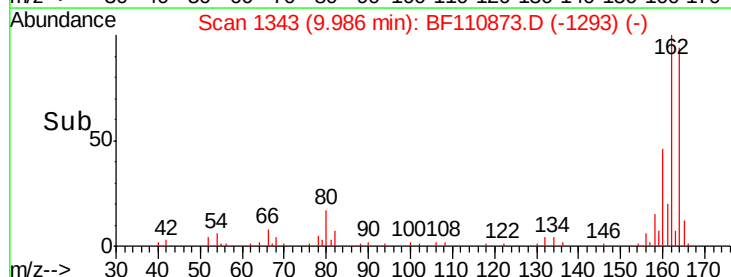
160 47.9 37.0 55.6

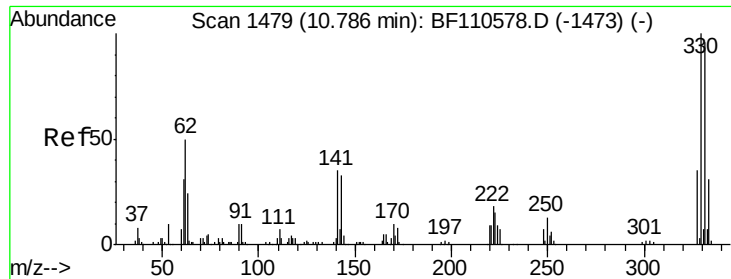


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

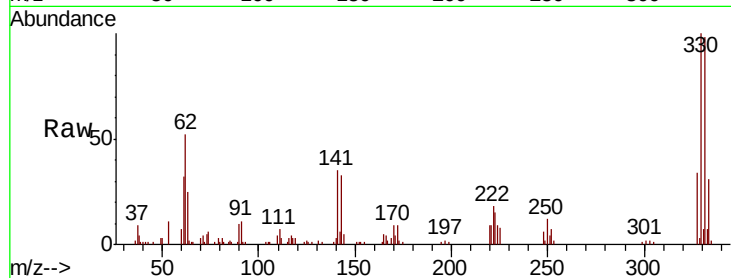




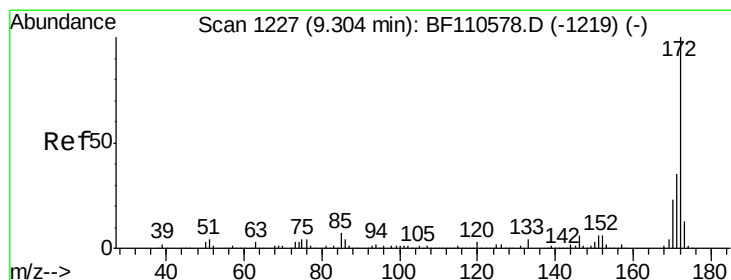
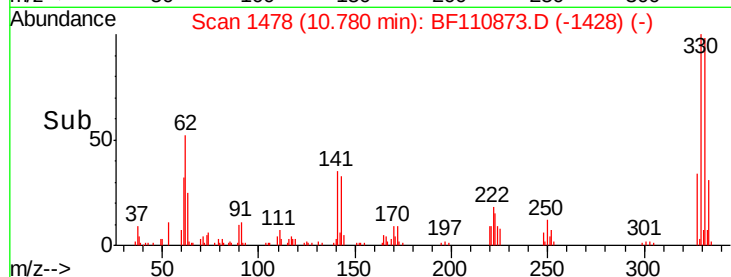
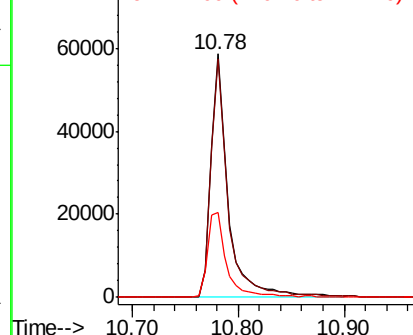
#42
 2,4,6-Tribromophenol
 Concen: 78.363 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110873.D
 Acq: 20 Nov 2018 1:12

Instrument :
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 111518-DBRI-E-U-S

Tgt Ion: 330 Resp: 66903
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.1 115.7
 141 38.3 27.0 40.4

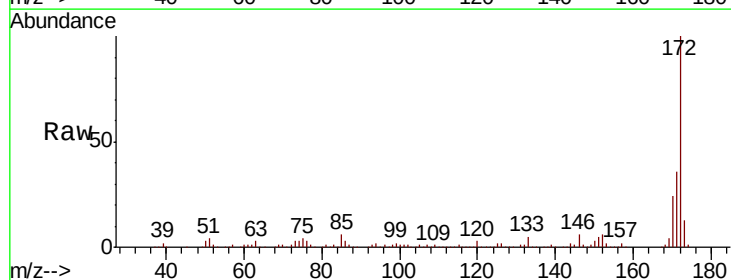


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

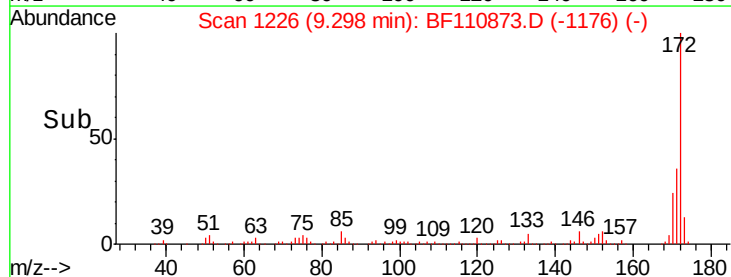
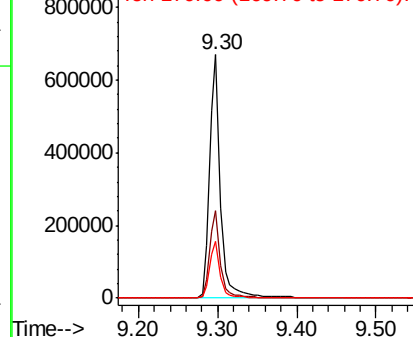


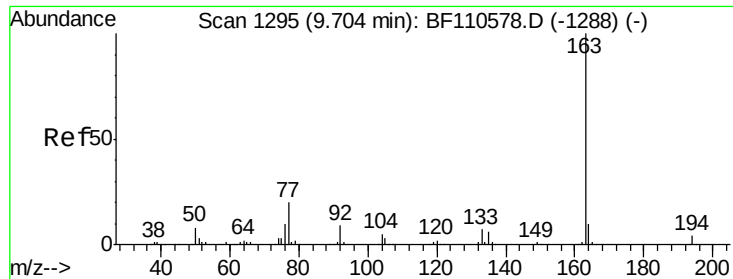
#45
 2-Fluorobiphenyl
 Concen: 109.745 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110873.D
 Acq: 20 Nov 2018 1:12

Tgt Ion: 172 Resp: 651087
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.6 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

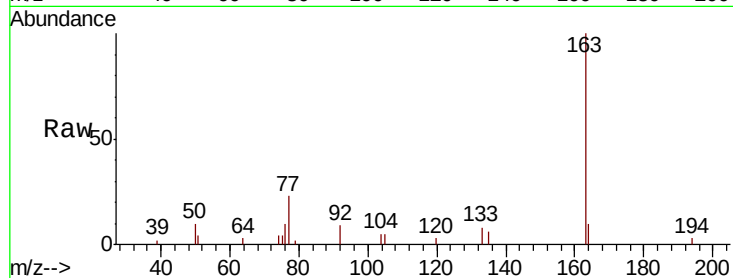




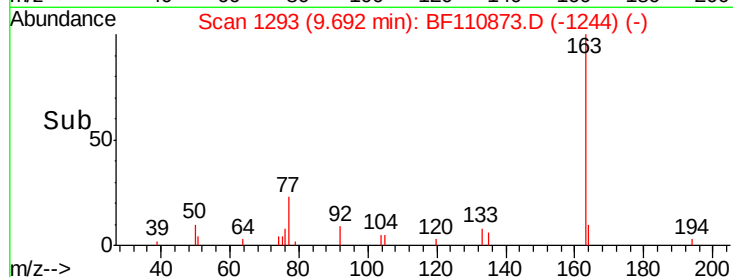
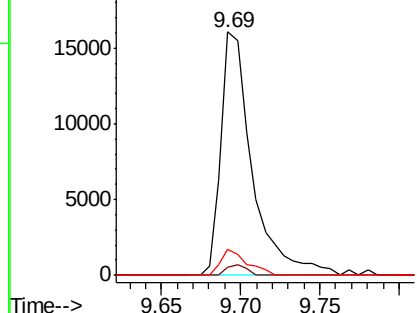
#50
Dimethylphthalate
Concen: 3.485 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110873.D
Acq: 20 Nov 2018 1:12

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

Tgt Ion:163 Resp: 22036
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.4 8.1 12.1

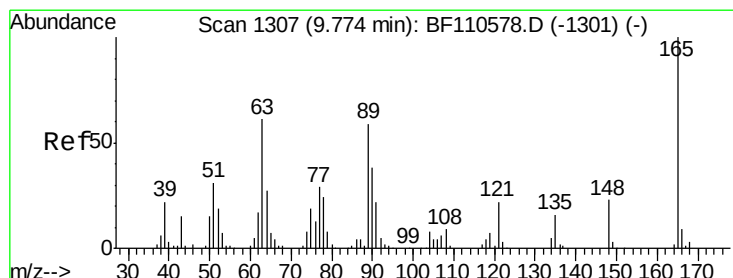


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

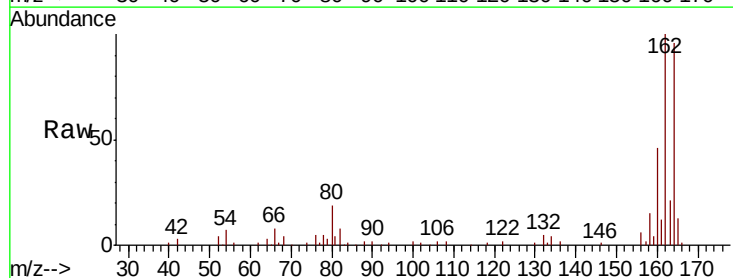
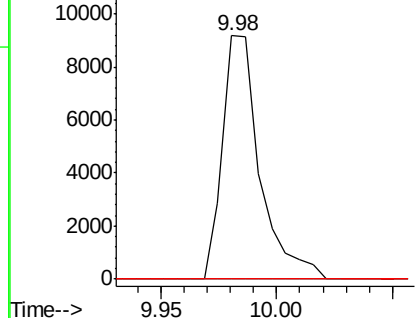


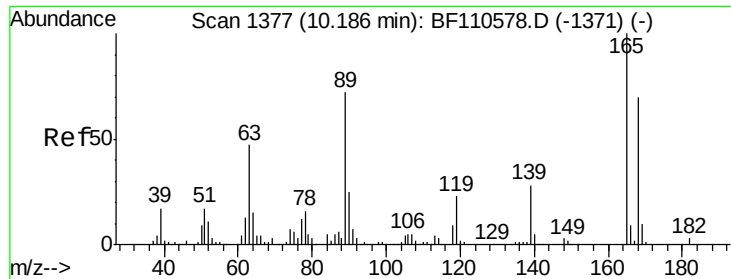
#51
2,6-Dinitrotoluene
Concen: 7.444 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110873.D
Acq: 20 Nov 2018 1:12

Tgt Ion:165 Resp: 10353
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

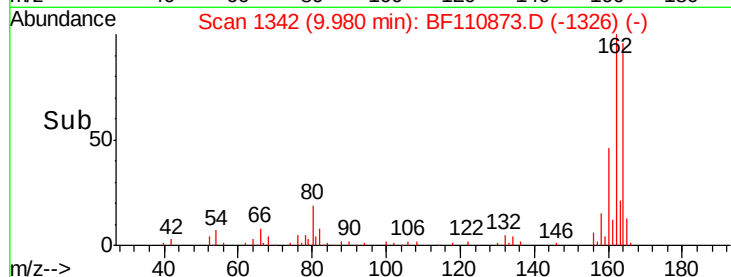
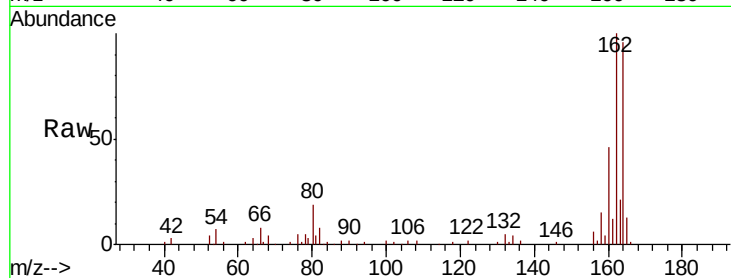




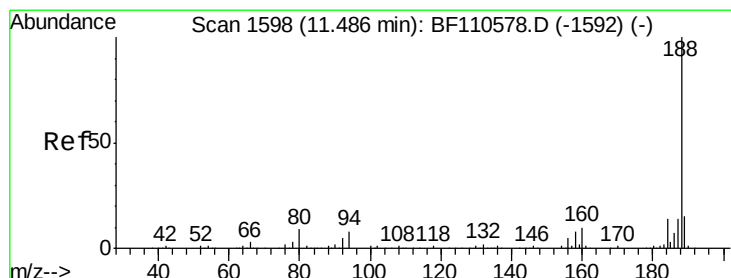
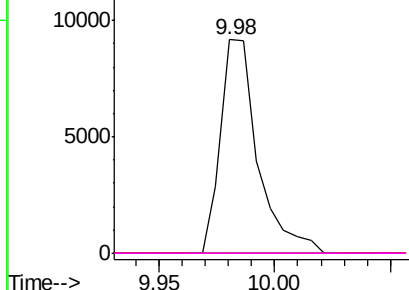
#57
 2,4-Dinitrotoluene
 Concen: 5.725 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110873.D
 Acq: 20 Nov 2018 1:12

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

Tgt Ion:	165	Resp:	10353
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#

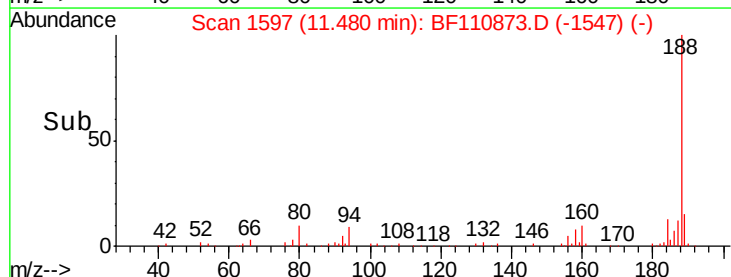
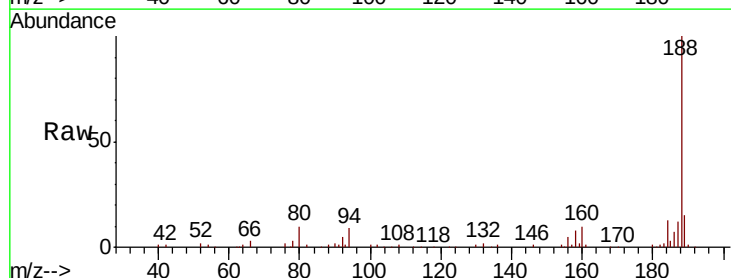


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

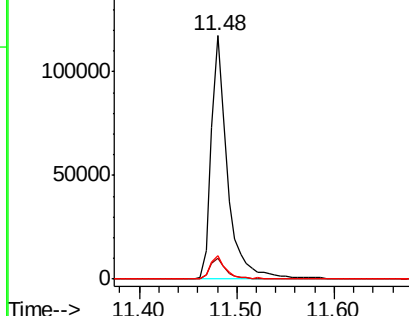


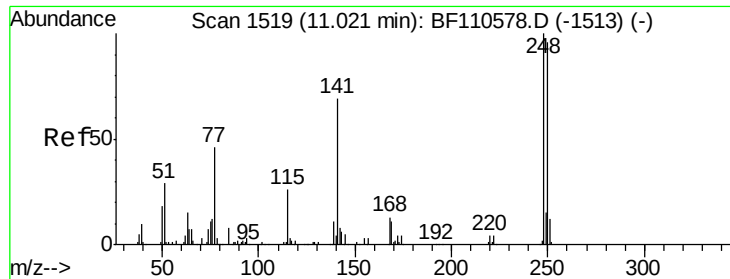
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110873.D
 Acq: 20 Nov 2018 1:12

Tgt Ion:	188	Resp:	136317
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.6	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

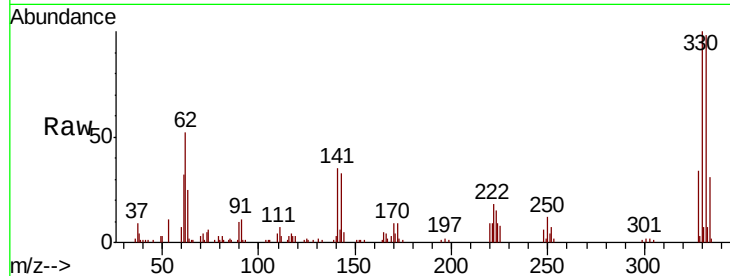




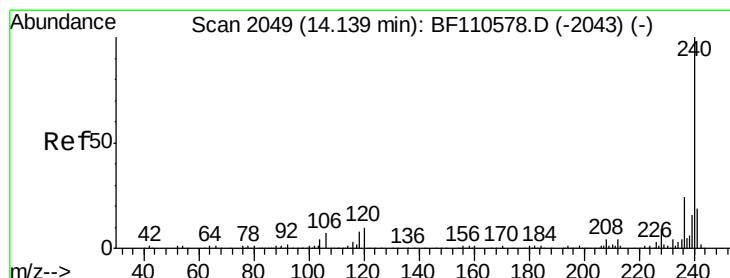
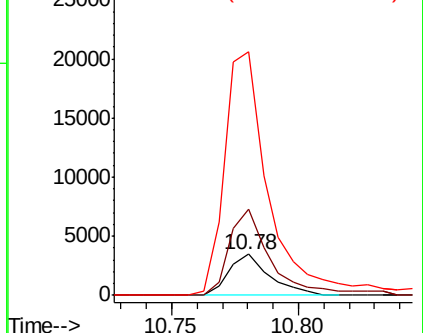
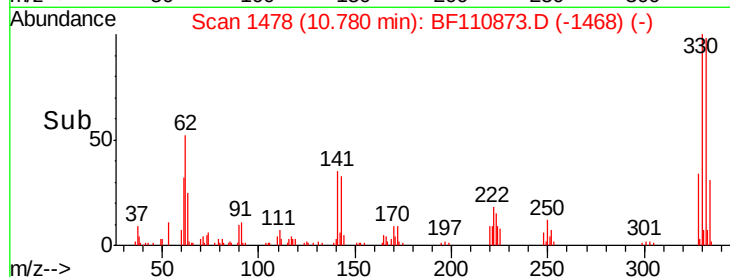
#67
 4-Bromophenyl-phenylether
 Concen: 2.587 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110873.D
 Acq: 20 Nov 2018 1:12

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

Tgt Ion: 248 Resp: 3898
 Ion Ratio Lower Upper
 248 100
 250 210.9 79.4 119.2#
 141 596.5 55.9 83.9#

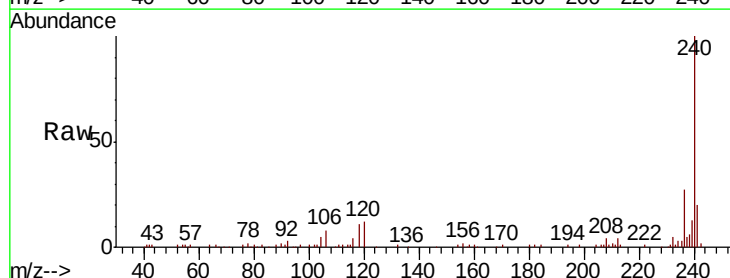


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

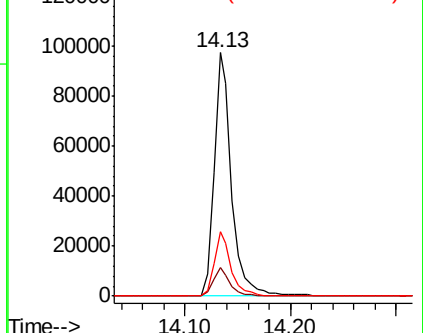
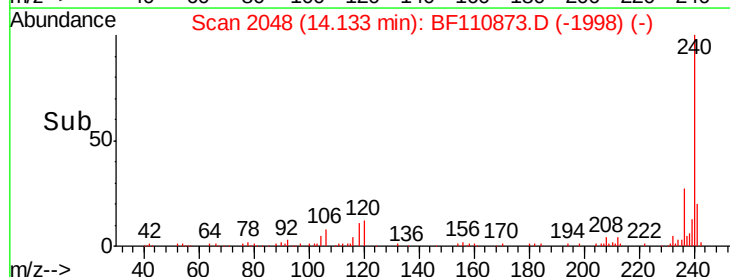


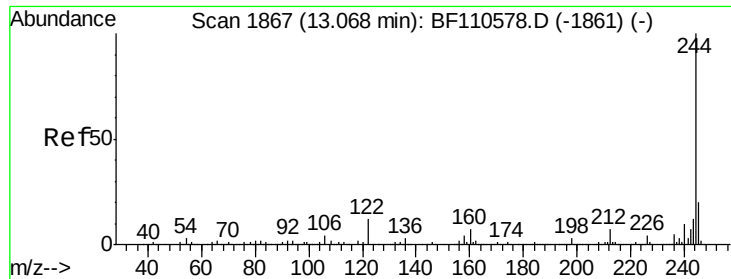
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110873.D
 Acq: 20 Nov 2018 1:12

Tgt Ion: 240 Resp: 112455
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.3 12.5
 236 26.6 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: 71.865 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110873.D

Acq: 20 Nov 2018 1:12

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-U-S

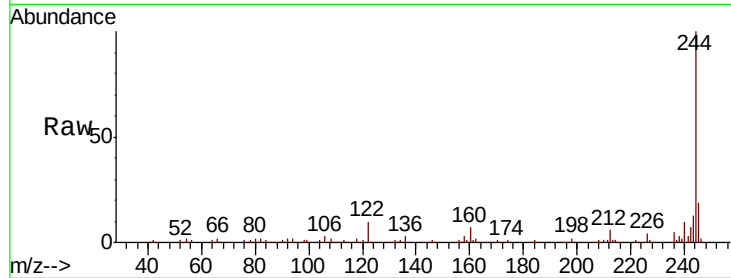
Tgt Ion:244 Resp: 431533

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

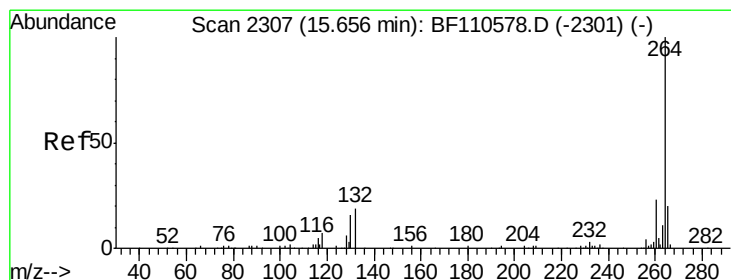
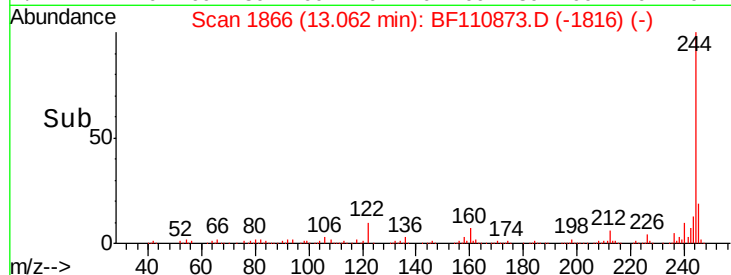
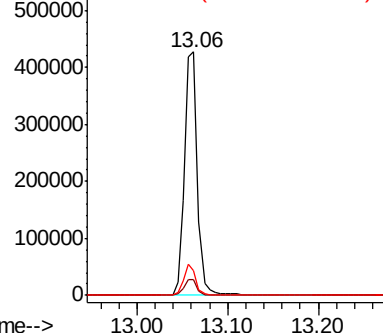
122 10.3 8.7 13.1



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: BF110873.D

Acq: 20 Nov 2018 1:12

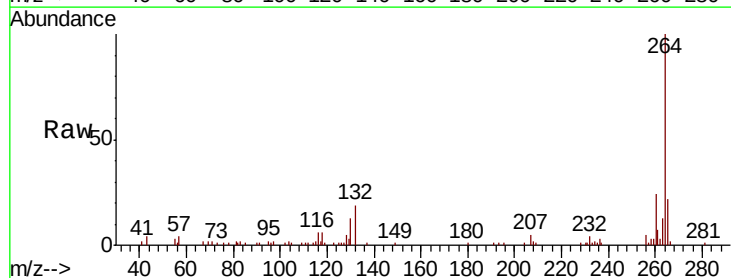
Tgt Ion:264 Resp: 70877

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.5 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

