

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110990.D
 Acq On : 27 Nov 2018 4:21
 Operator : JU/SJ
 Sample : J6061-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-D-S

Quant Time: Nov 27 06:32:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 03:04:49 2018
 Response via : Initial Calibration

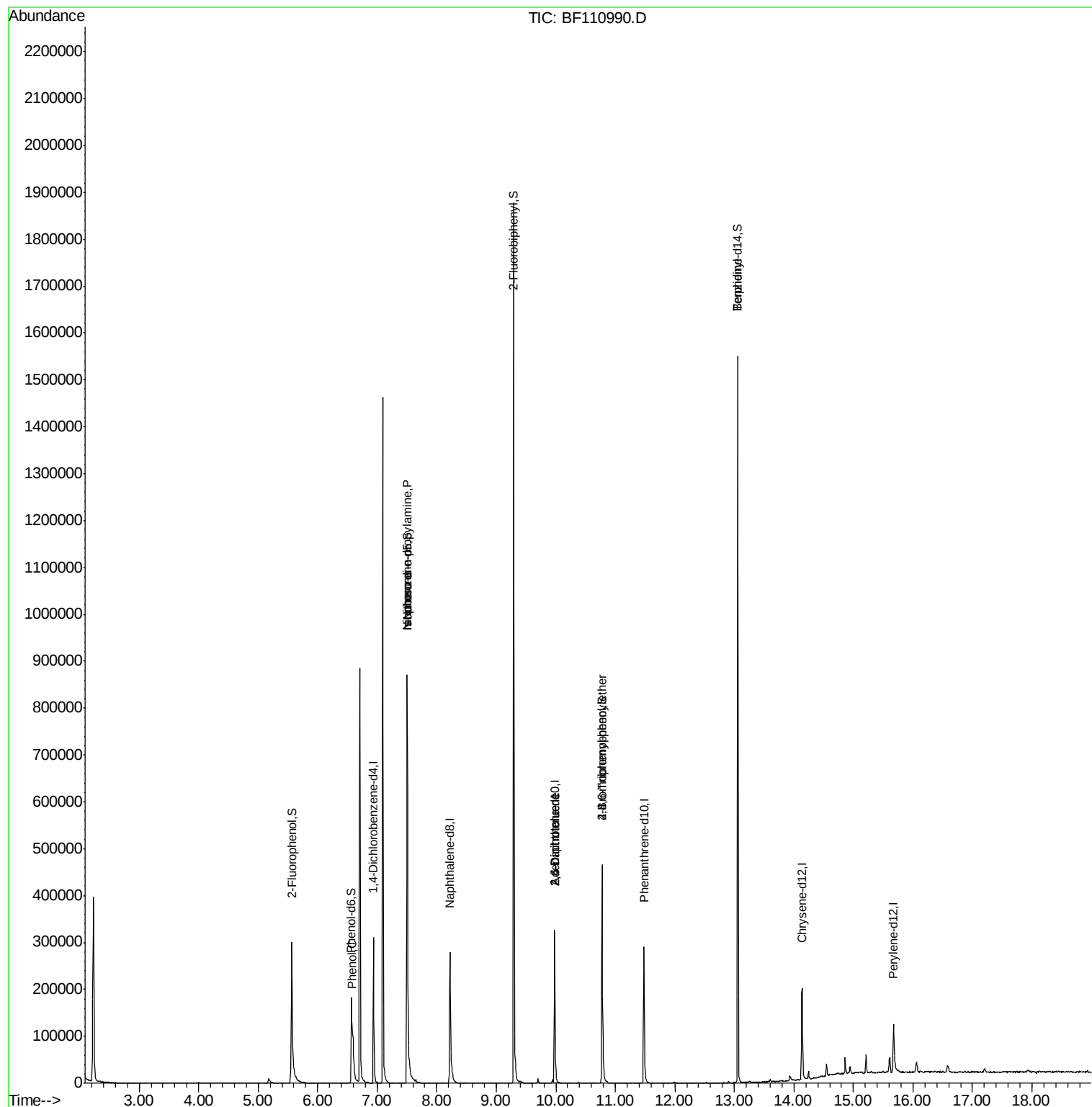
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	51718	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	193438	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	77278	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	139814	20.00	ng	0.00
76) Chrysene-d12	14.14	240	86506	20.00	ng	0.00
87) Perylene-d12	15.67	264	66344	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	138802	44.51	ng	0.00
7) Phenol-d6	6.57	99	97626	24.02	ng	-0.02
23) Nitrobenzene-d5	7.50	82	340221	100.66	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	67869	88.43	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	578156	108.39	ng	0.00
79) Terphenyl-d14	13.06	244	512945	115.43	ng	0.00
Target Compounds						
10) Phenol	6.59	94	14579	3.185	ng	81
19) n-Nitroso-di-n-propylamine	7.50	70	44750	16.903	ng	# 79
25) Isophorone	7.50	82	340221	61.363	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	9494	7.525	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	9494	5.800	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4332	2.845	ng	# 1
77) Benzidine	13.06	184	6735	3.044	ng	# 91

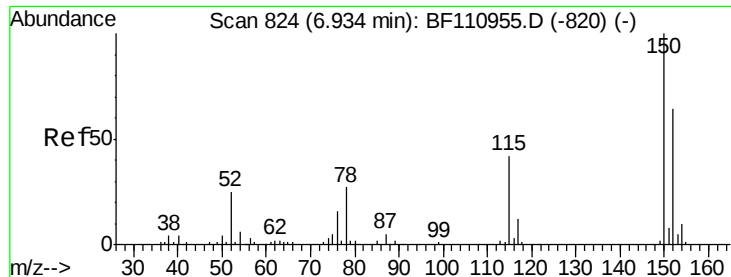
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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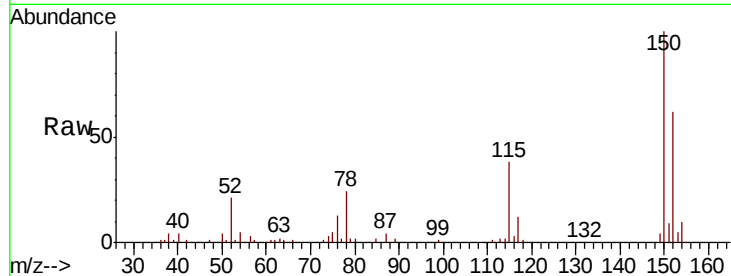




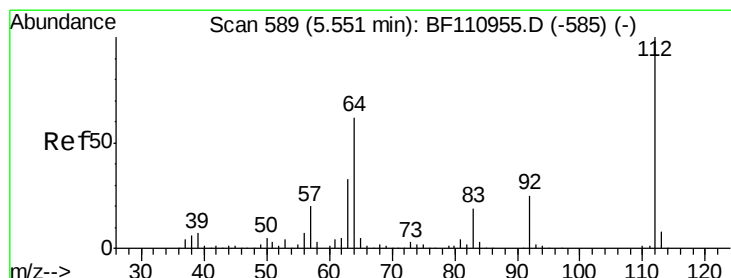
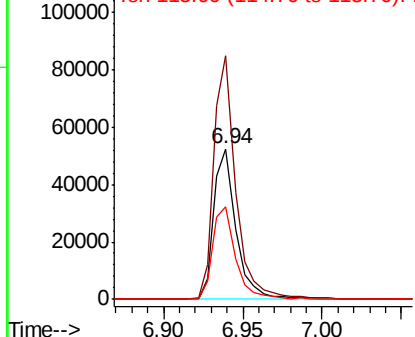
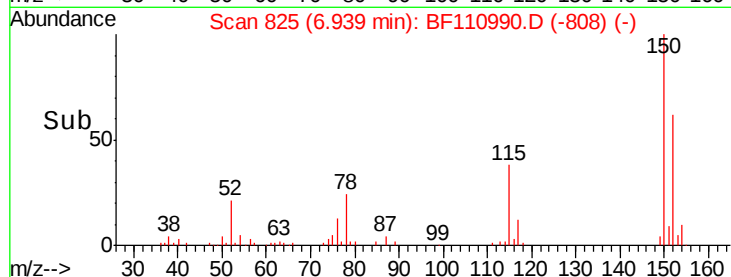
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF110990.D
 Acq: 27 Nov 2018 4:21

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-D-S

Tgt Ion:152 Resp: 51718
 Ion Ratio Lower Upper
 152 100
 150 161.8 122.7 184.1
 115 61.6 49.1 73.7

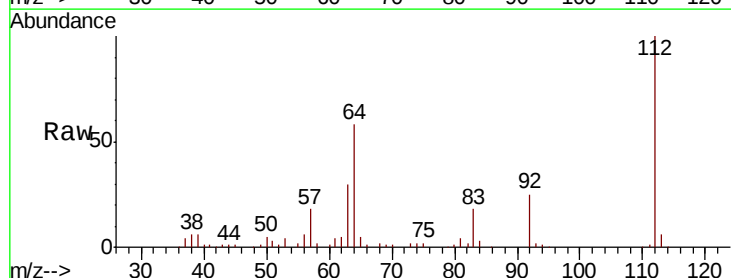


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

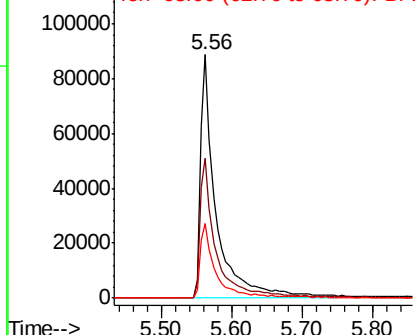
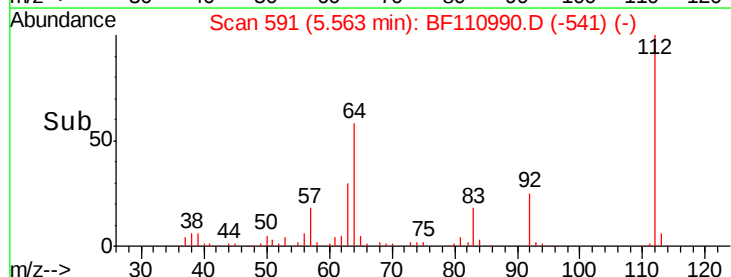


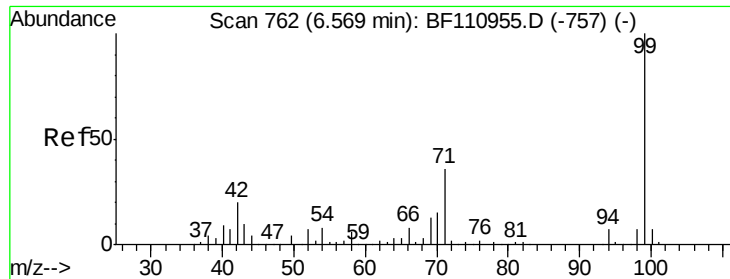
#5
 2-Fluorophenol
 Concen: 44.506 ng
 RT: 5.56 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF110990.D
 Acq: 27 Nov 2018 4:21

Tgt Ion:112 Resp: 138802
 Ion Ratio Lower Upper
 112 100
 64 57.6 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: 24.021 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF110990.D

Acq: 27 Nov 2018 4:21

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-S

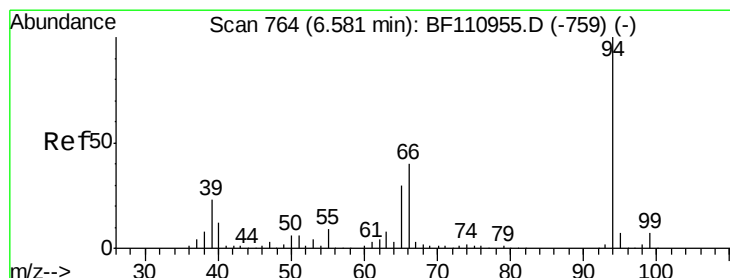
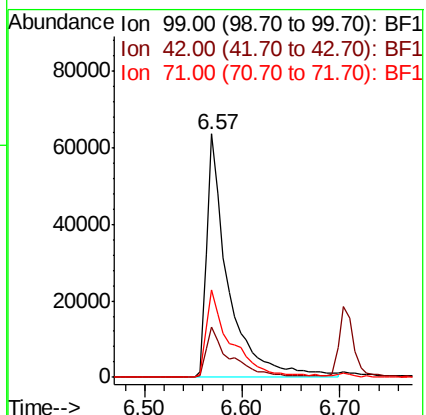
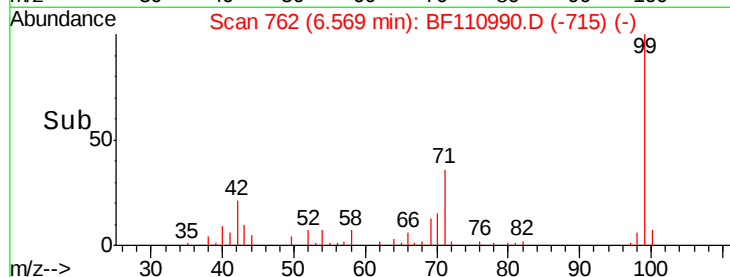
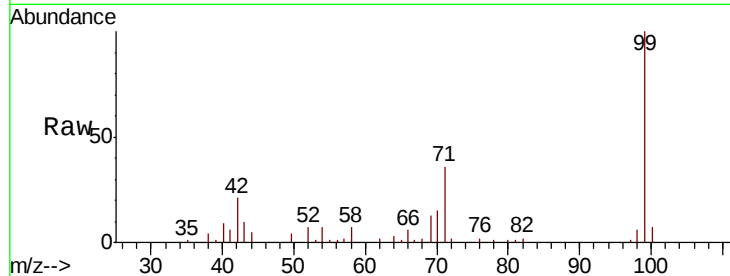
Tgt Ion: 99 Resp: 97626

Ion Ratio Lower Upper

99 100

42 20.6 15.8 23.6

71 36.0 28.0 42.0



#10

Phenol

Concen: 3.185 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110990.D

Acq: 27 Nov 2018 4:21

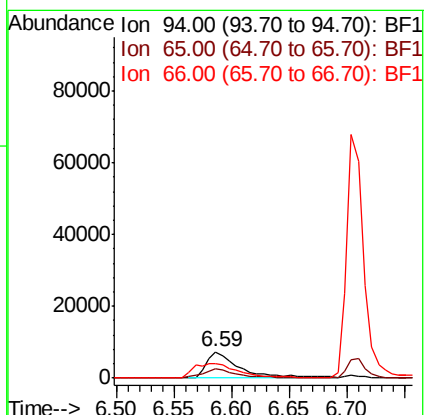
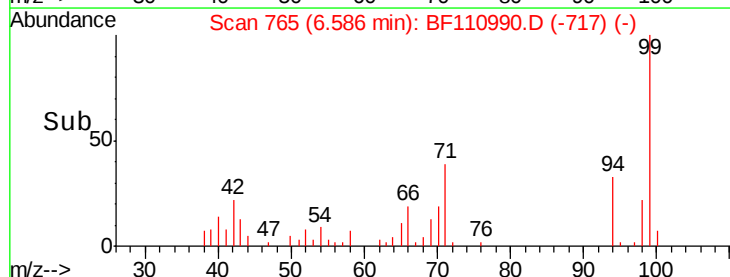
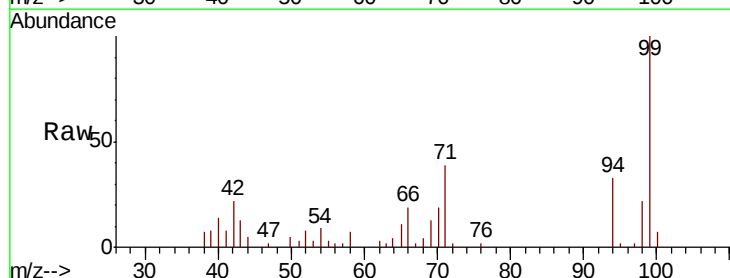
Tgt Ion: 94 Resp: 14579

Ion Ratio Lower Upper

94 100

65 34.2 25.3 65.3

66 57.2 54.5 94.5

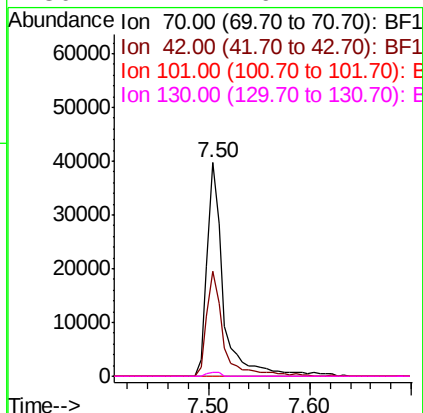
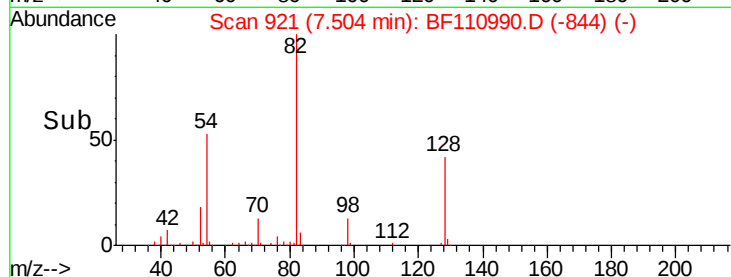
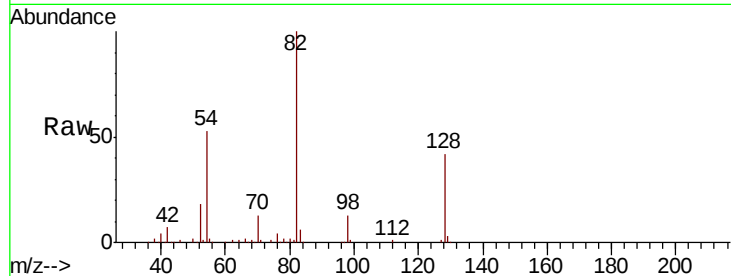




#19
n-Nitroso-di-n-propylamine
Concen: 16.903 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110990.D
Acq: 27 Nov 2018 4:21

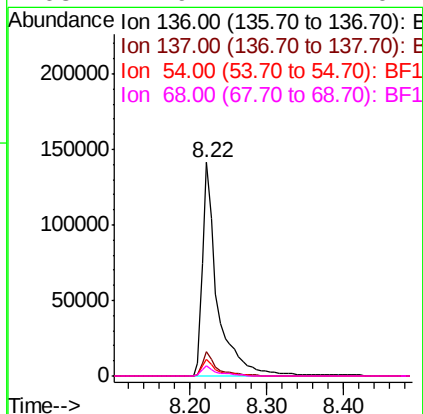
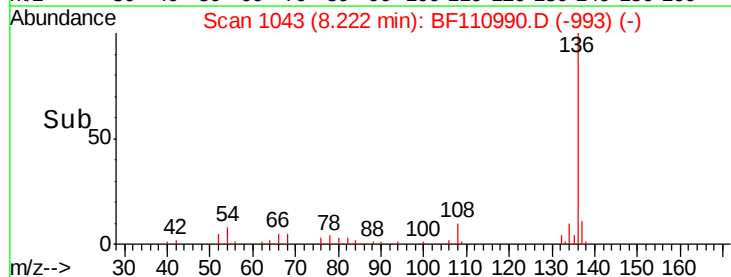
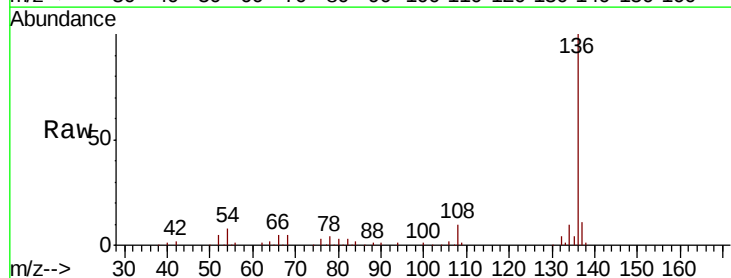
Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-D-S

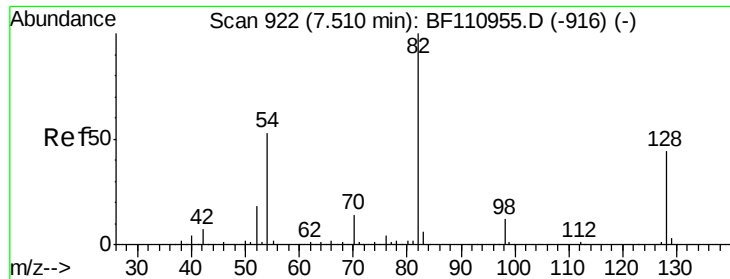
Tgt Ion: 70 Resp: 44750
Ion Ratio Lower Upper
70 100
42 49.3 47.4 71.2
101 0.0 7.3 10.9#
130 1.7 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110990.D
Acq: 27 Nov 2018 4:21

Tgt Ion: 136 Resp: 193438
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 5.4 8.2
68 4.9 4.2 6.2

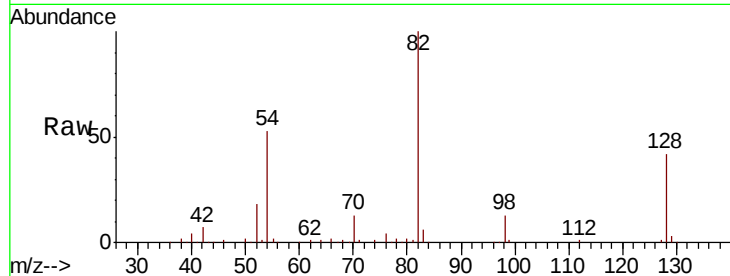




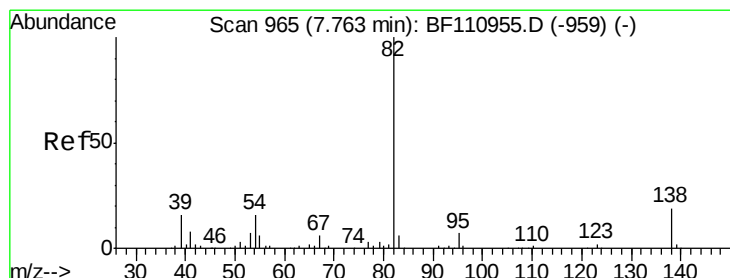
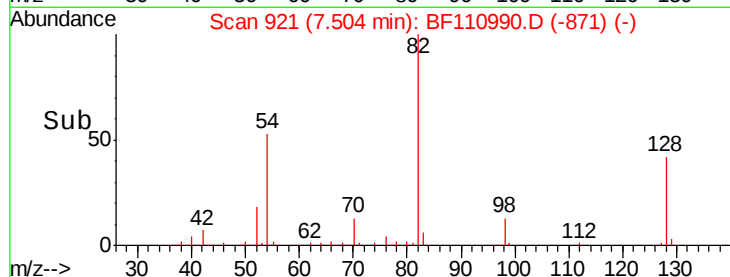
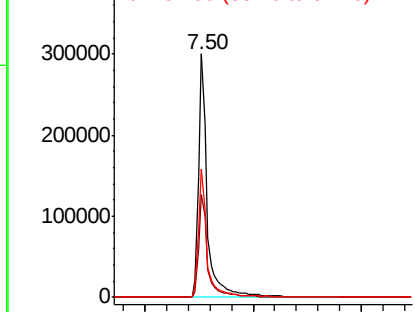
#23
Nitrobenzene-d5
Concen: 100.658 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110990.D
Acq: 27 Nov 2018 4:21

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-D-S

Tgt Ion: 82 Resp: 340221
Ion Ratio Lower Upper
82 100
128 42.3 34.2 51.2
54 52.6 38.6 58.0

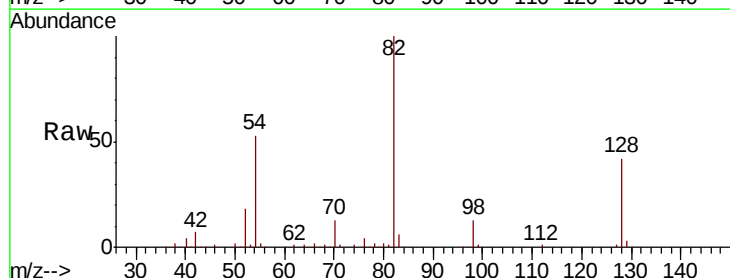


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

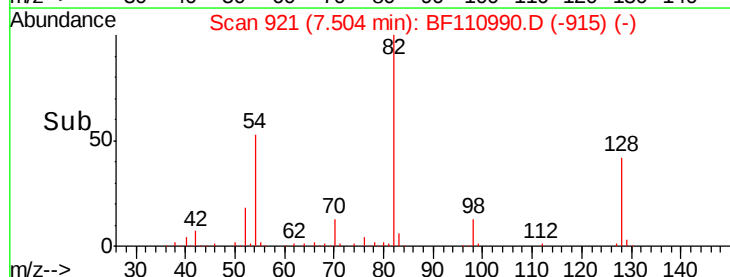
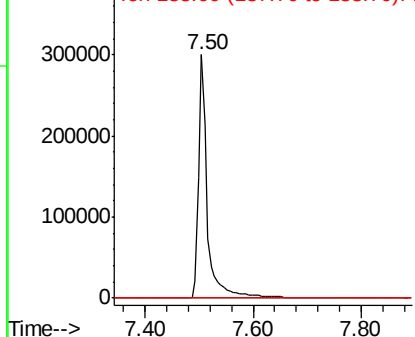


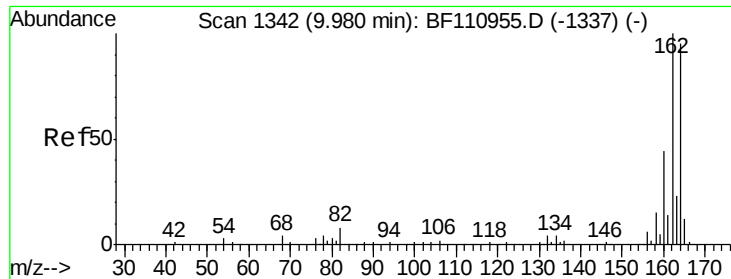
#25
Isophorone
Concen: 61.363 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110990.D
Acq: 27 Nov 2018 4:21

Tgt Ion: 82 Resp: 340221
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: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF110990.D

Acq: 27 Nov 2018 4:21

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-S

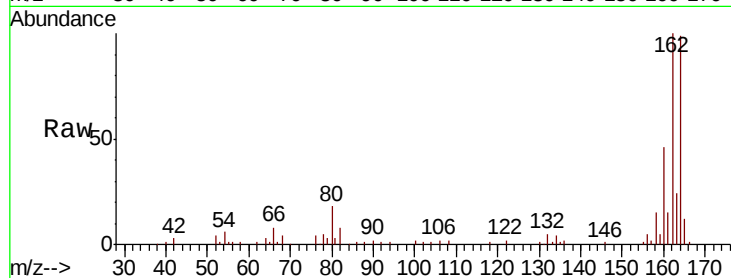
Tgt Ion:164 Resp: 77278

Ion Ratio Lower Upper

164 100

162 100.6 83.0 124.6

160 46.1 37.0 55.6

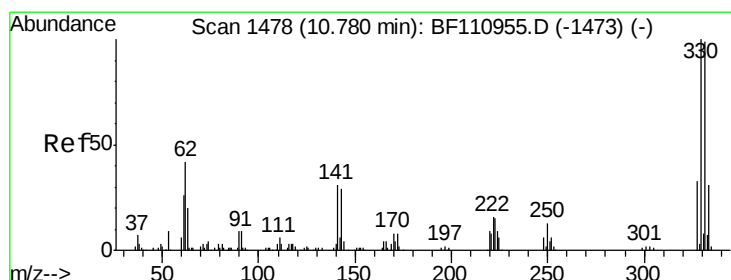
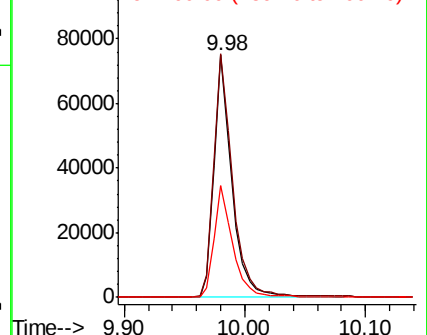
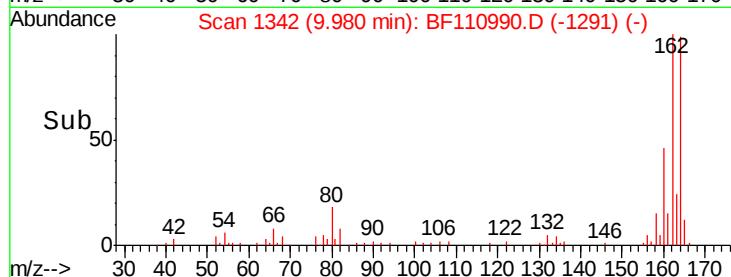


Abundance

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: 88.432 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF110990.D

Acq: 27 Nov 2018 4:21

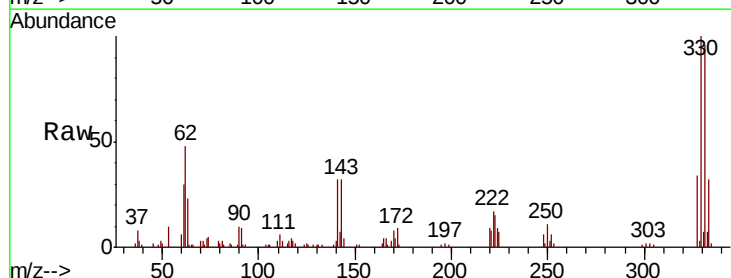
Tgt Ion:330 Resp: 67869

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 38.7 27.0 40.4

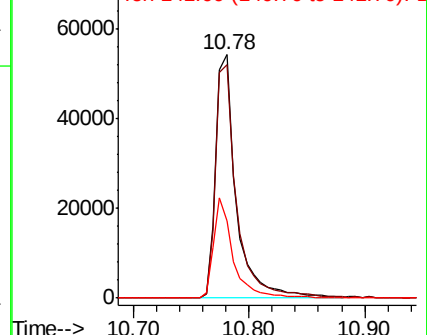
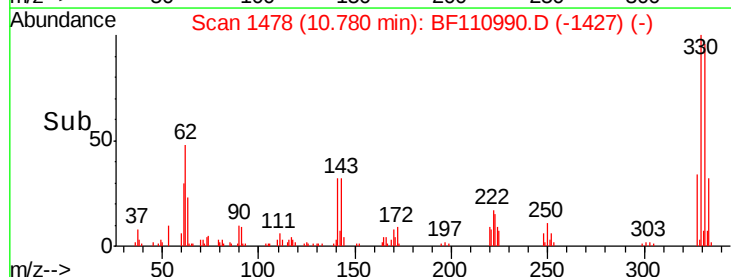


Abundance

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

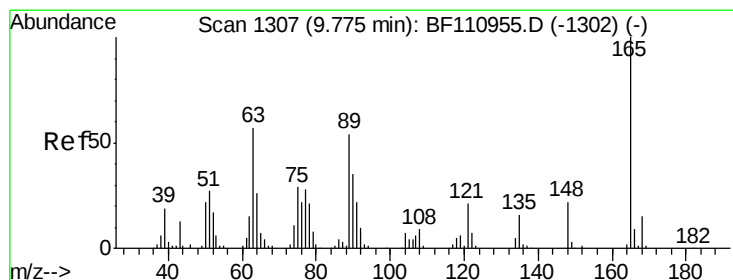
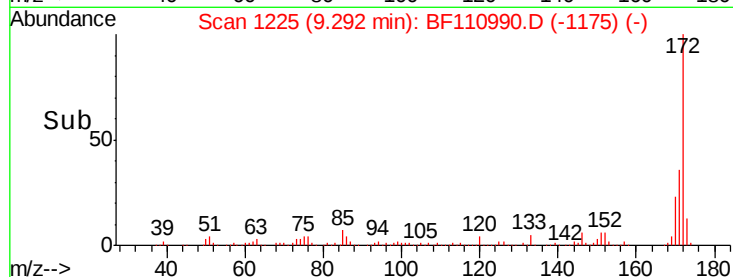
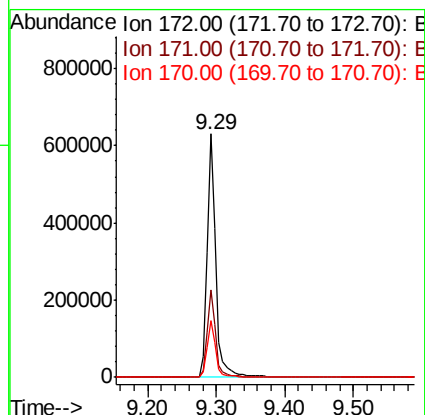
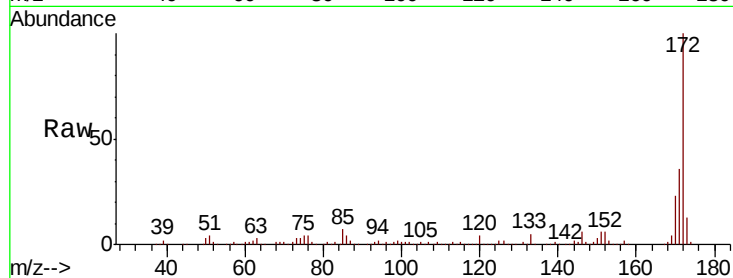




#45
 2-Fluorobiphenyl
 Concen: 108.390 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110990.D
 Acq: 27 Nov 2018 4:21

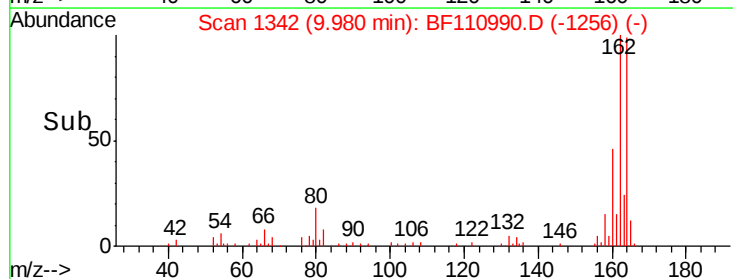
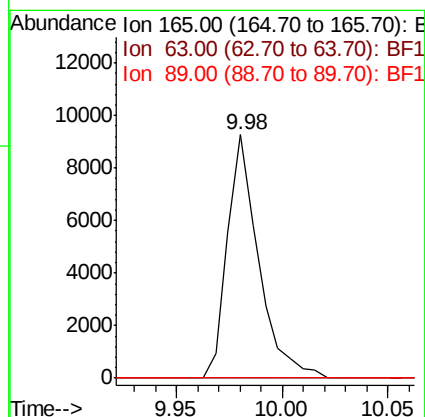
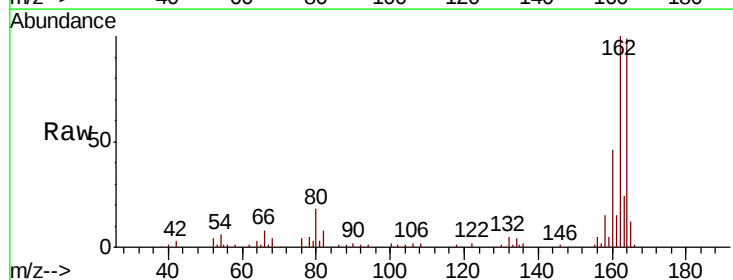
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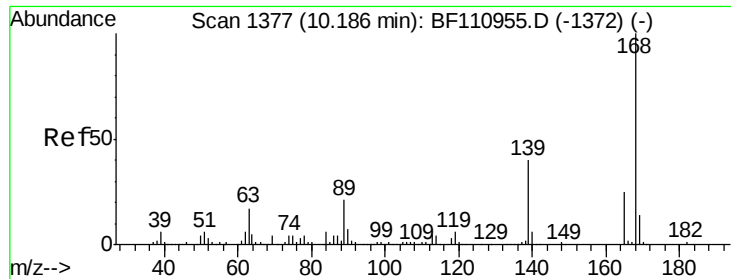
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.2	19.7	29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.525 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110990.D
 Acq: 27 Nov 2018 4:21

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

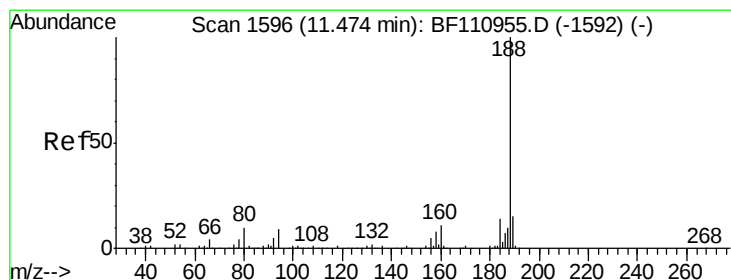
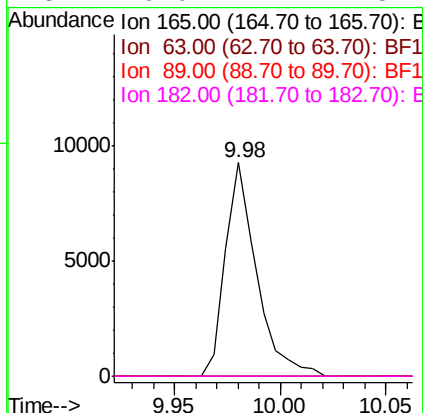
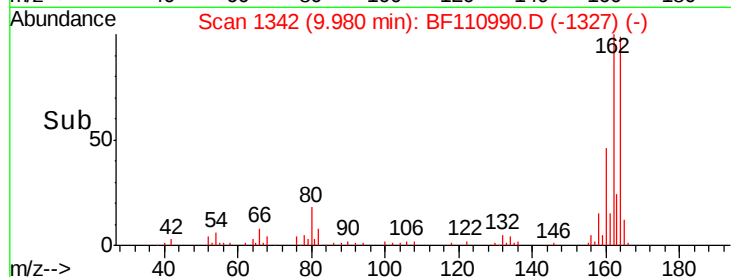
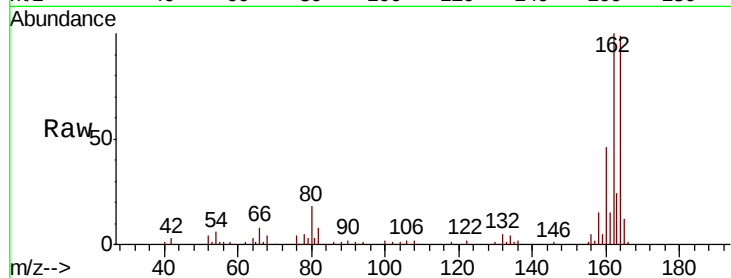




#57
2,4-Dinitrotoluene
Concen: 5.800 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110990.D
Acq: 27 Nov 2018 4:21

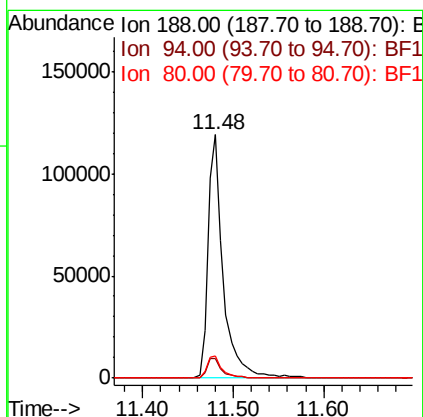
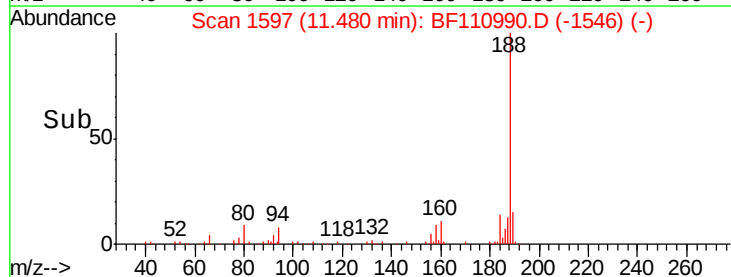
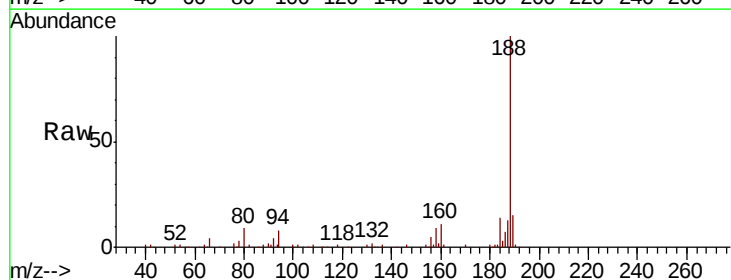
Instrument :
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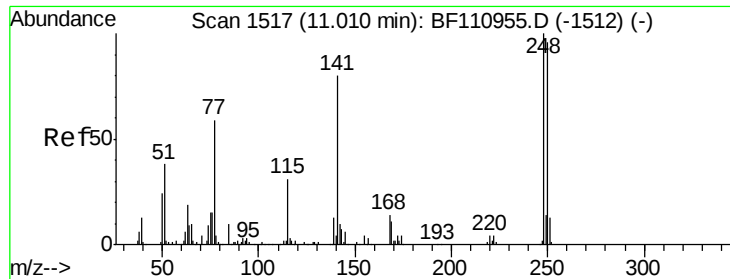
Tgt Ion:165 Resp: 9494
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BF110990.D
Acq: 27 Nov 2018 4:21

Tgt Ion:188 Resp: 139814
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.3 7.9 11.9

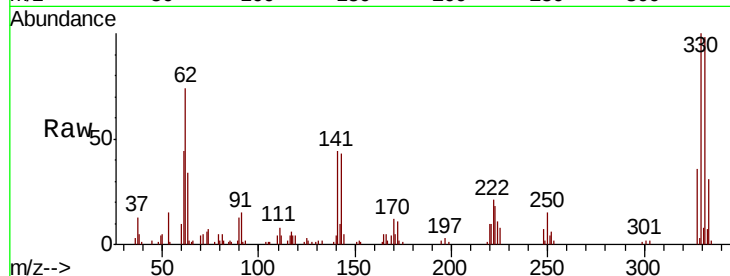




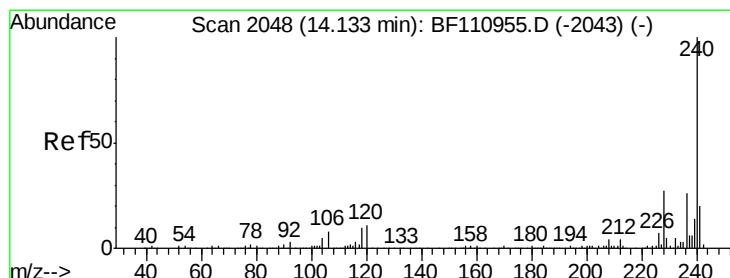
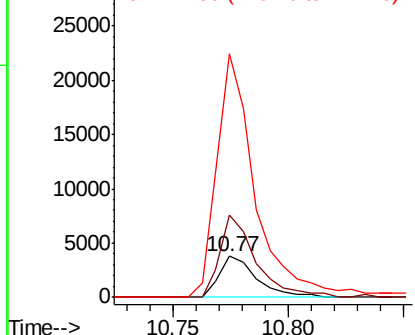
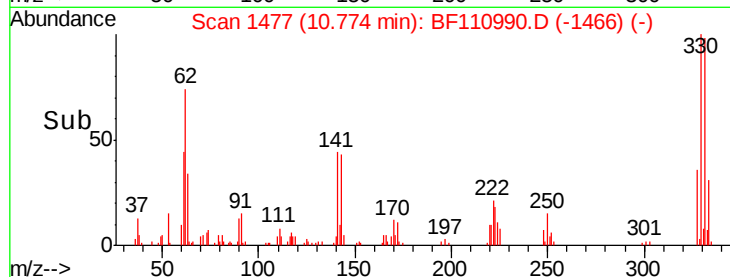
#67
 4-Bromophenyl-phenylether
 Concen: 2.845 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.24 min
 Lab File: BF110990.D
 Acq: 27 Nov 2018 4:21

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-D-S

Tgt Ion:248 Resp: 4332
 Ion Ratio Lower Upper
 248 100
 250 198.7 79.4 119.2#
 141 589.4 55.9 83.9#

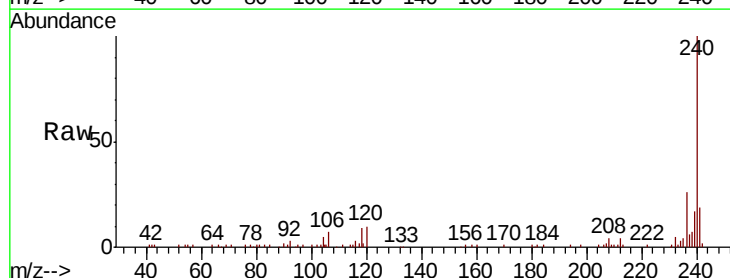


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

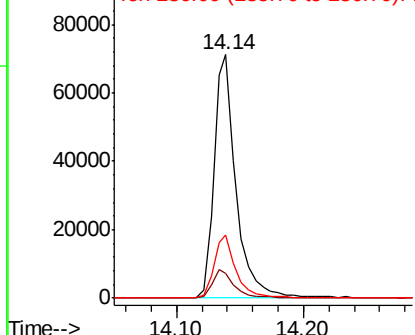
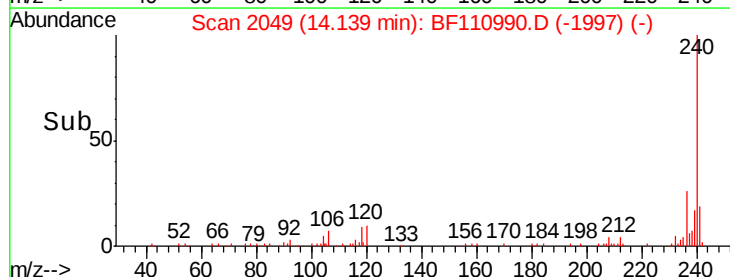


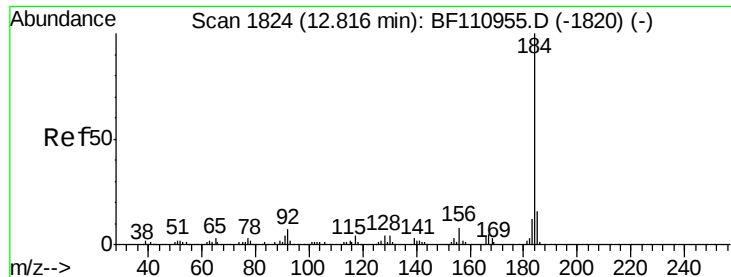
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF110990.D
 Acq: 27 Nov 2018 4:21

Tgt Ion:240 Resp: 86506
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 25.7 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





#77

Benzidine

Concen: 3.044 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF110990.D

Acq: 27 Nov 2018 4:21

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-S

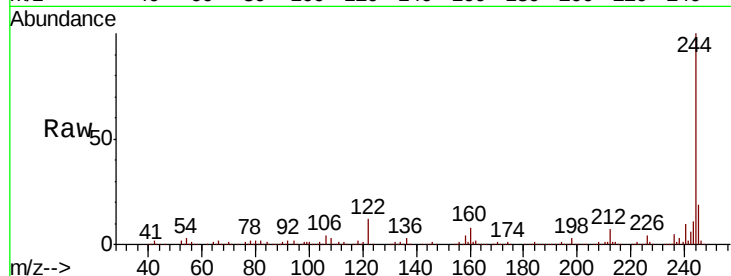
Tgt Ion:184 Resp: 6735

Ion Ratio Lower Upper

184 100

185 19.8 13.4 20.2

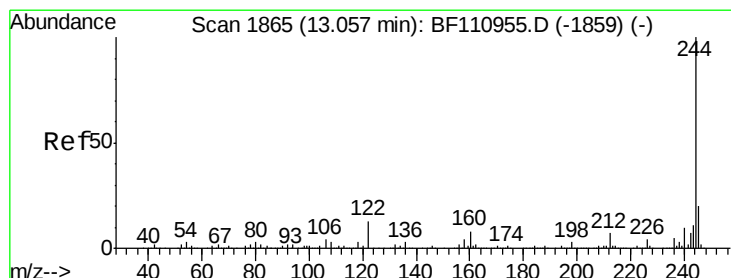
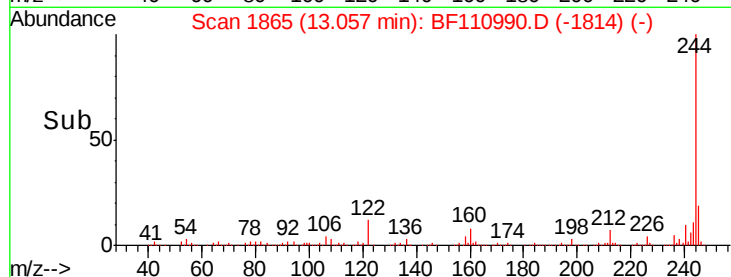
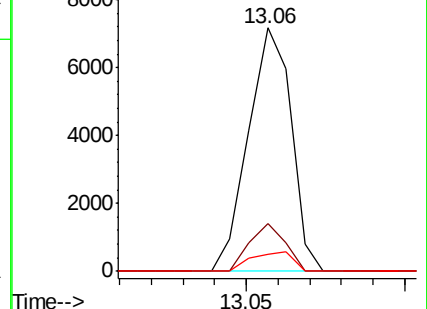
183 7.0 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 115.428 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF110990.D

Acq: 27 Nov 2018 4:21

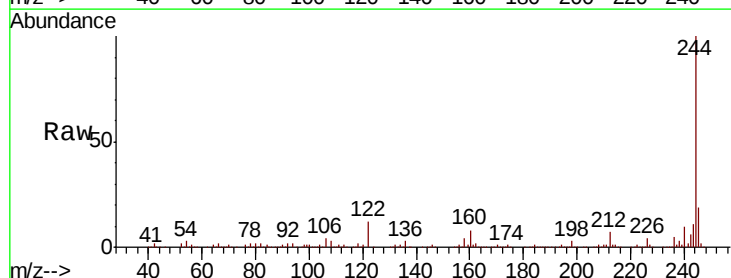
Tgt Ion:244 Resp: 512945

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

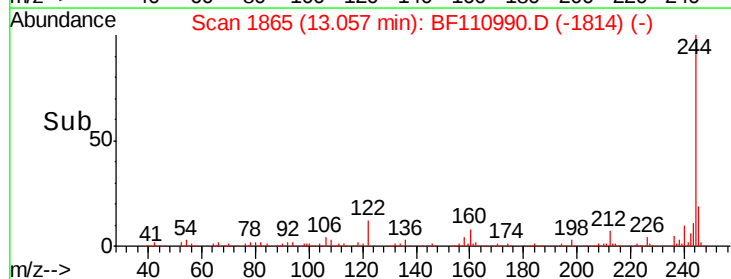
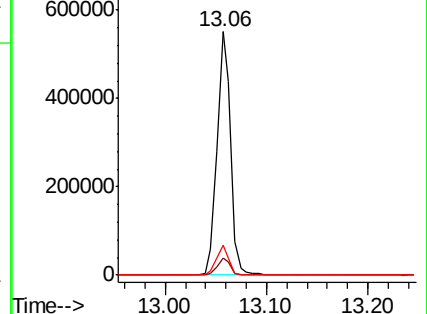
122 12.3 8.7 13.1

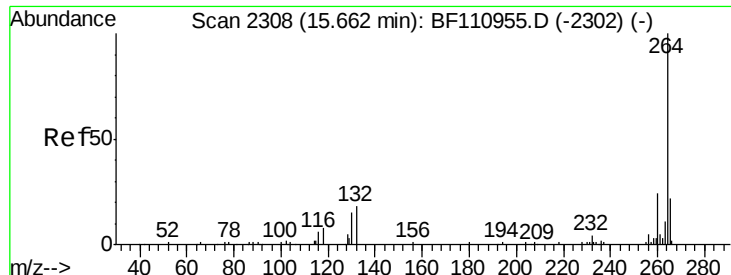


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2310
Delta R.T. 0.01 min
Lab File: BF110990.D
Acq: 27 Nov 2018 4:21

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-D-S

Tgt Ion: 264 Resp: 66344
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 21.4 16.7 25.1

