

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110600.D
 Acq On : 8 Nov 2018 22:15
 Operator : JU/SJ
 Sample : J5858-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:43:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

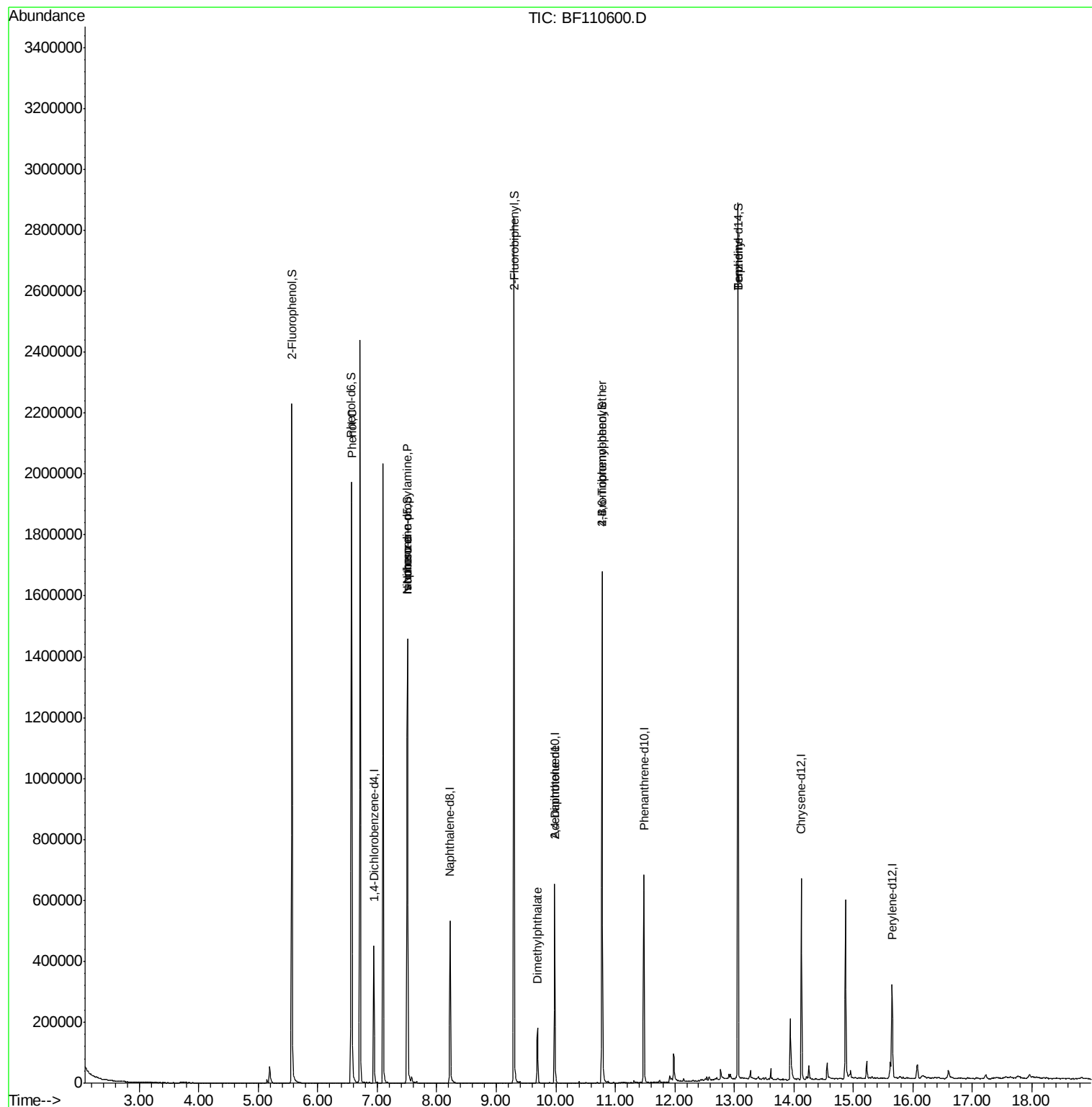
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69897	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	283423	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	136585	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	276660	20.00	ng	0.00
76) Chrysene-d12	14.13	240	214167	20.00	ng	-0.01
87) Perylene-d12	15.65	264	144906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	629004	146.17	ng	0.00
7) Phenol-d6	6.57	99	807352	146.72	ng	0.00
23) Nitrobenzene-d5	7.51	82	508996	103.42	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	202093	146.84	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	950222	99.36	ng	0.00
79) Terphenyl-d14	13.06	244	1029243	90.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1534	Below Cal	#	1
10) Phenol	6.58	94	40386	6.33 ng	#	72
19) n-Nitroso-di-n-propylamine	7.51	70	66217	18.85 ng	#	79
25) Isophorone	7.51	82	508992	63.10 ng	#	67
50) Dimethylphthalate	9.69	163	82906	8.13 ng		98
57) 2,4-Dinitrotoluene	9.98	165	17416	5.97 ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	13325	4.36 ng	#	1
77) Benzidine	13.06	184	14057	2.39 ng	#	95

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

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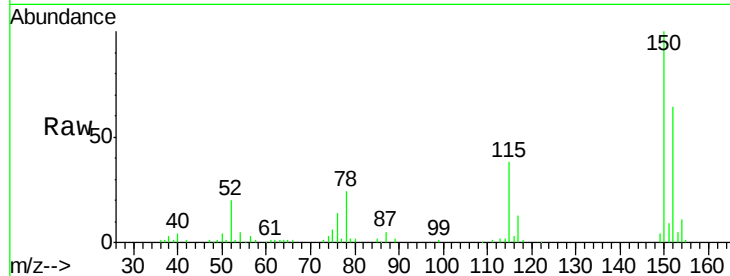


#1

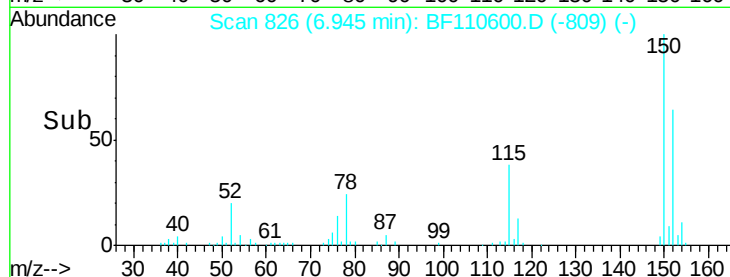
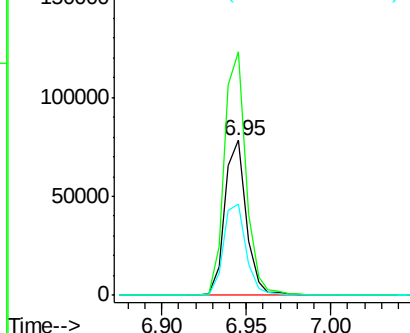
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69897
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 59.0 49.1 73.7



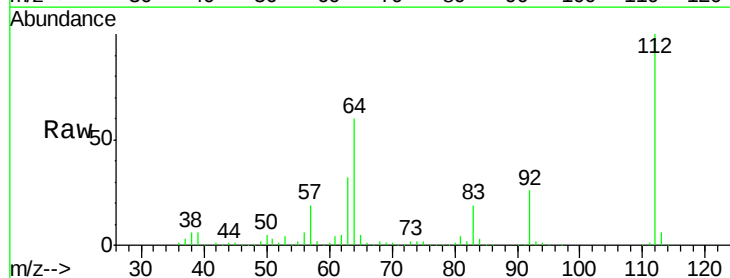
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



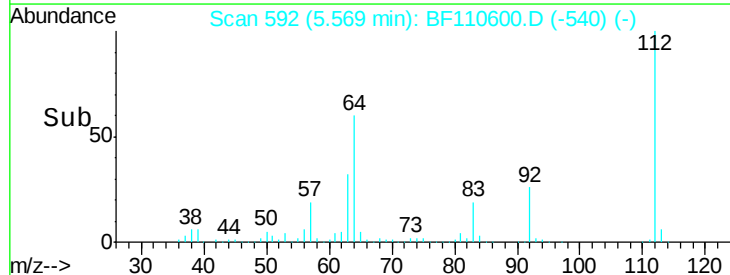
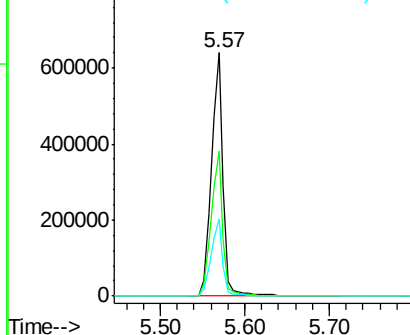
#5

2-Fluorophenol
Concen: 146.17 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

Tgt Ion:112 Resp: 629004
Ion Ratio Lower Upper
112 100
64 59.6 44.1 66.1
63 31.6 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: 146.72 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110600.D

Acq: 8 Nov 2018 22:15

Instrument :

BNA_F

ClientSampleId :

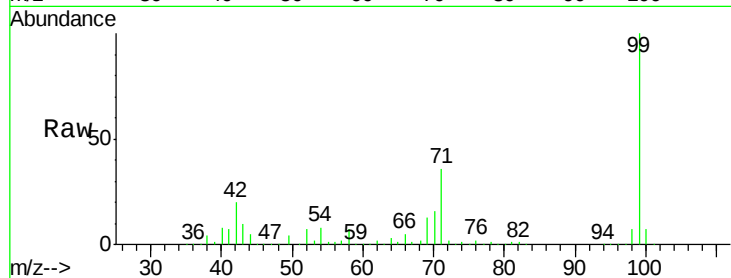
Tot Ion: 99 Resp: 807352

Ion Ratio Lower Upper

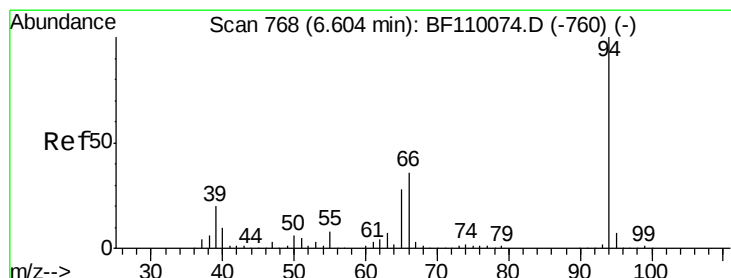
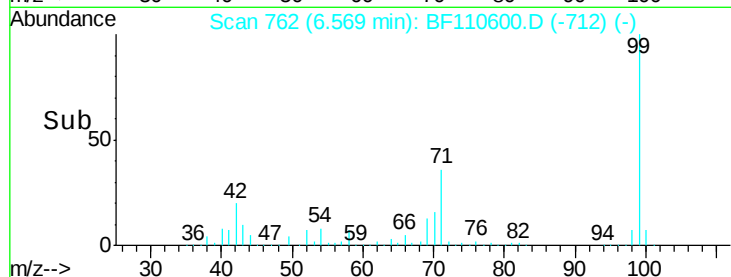
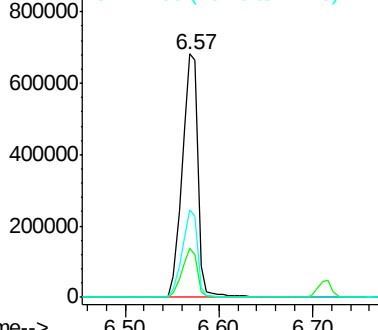
99 100

42 20.1 15.8 23.6

71 35.8 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: 6.33 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110600.D

Acq: 8 Nov 2018 22:15

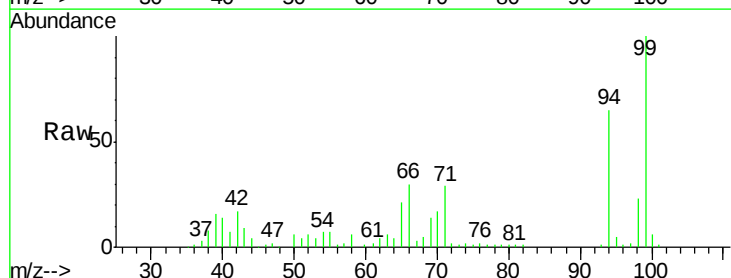
Tgt Ion: 94 Resp: 40386

Ion Ratio Lower Upper

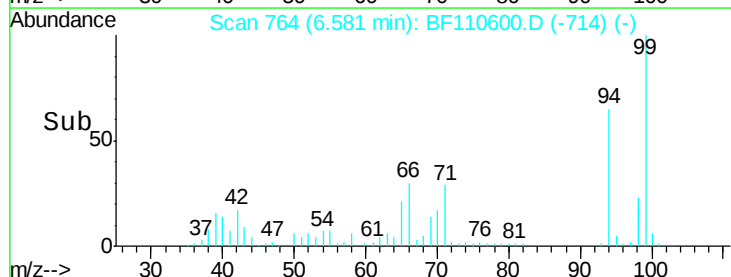
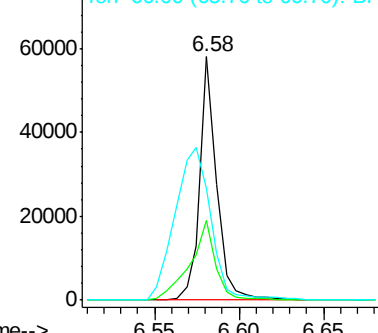
94 100

65 32.7 25.3 65.3

66 46.0 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

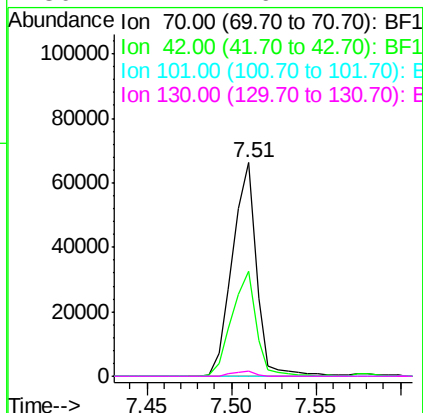
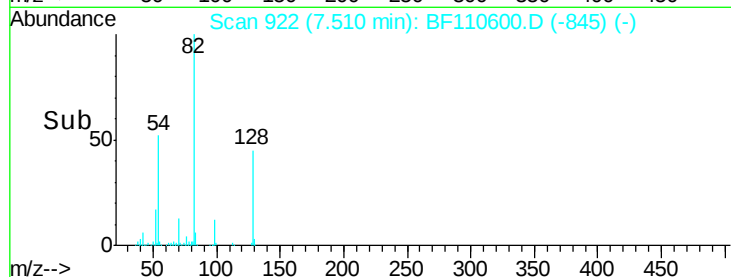
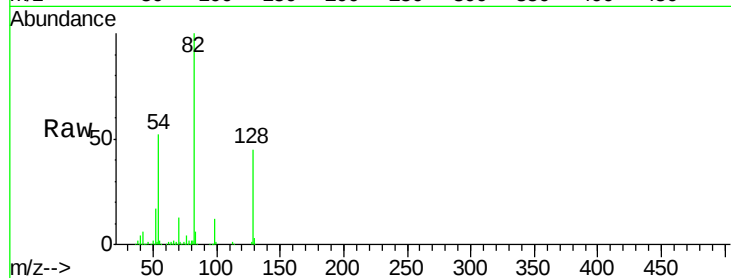




#19
n-Nitroso-di-n-propylamine
Concen: 18.85 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

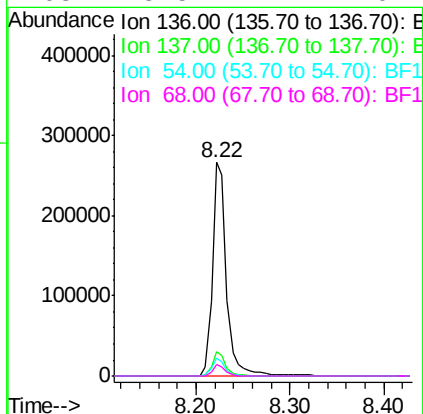
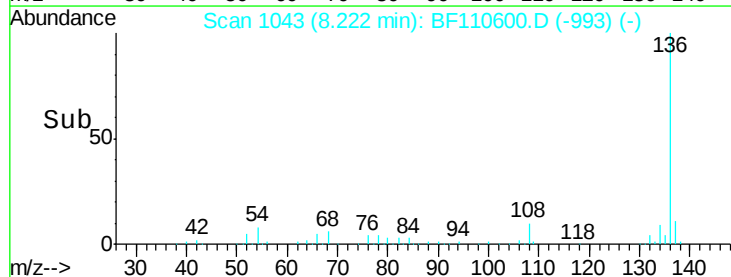
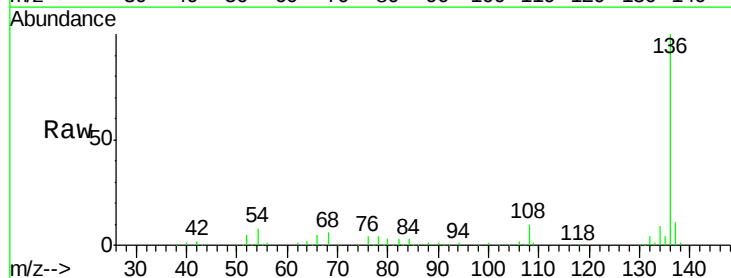
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 66217
Ion Ratio Lower Upper
70 100
42 48.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

Tgt Ion: 136 Resp: 283423
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.4 5.4 8.2#
68 5.5 4.2 6.2

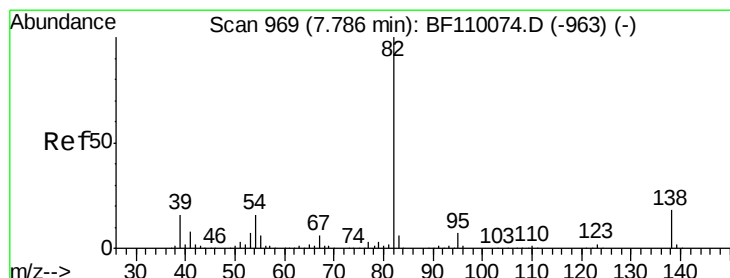
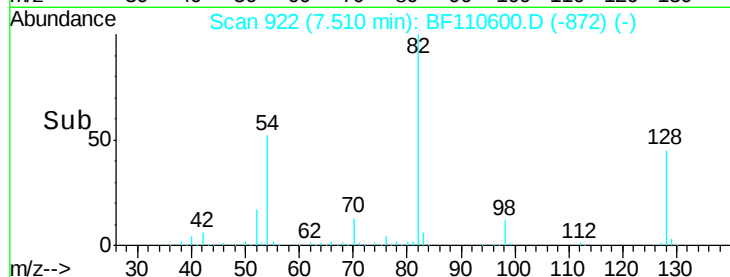
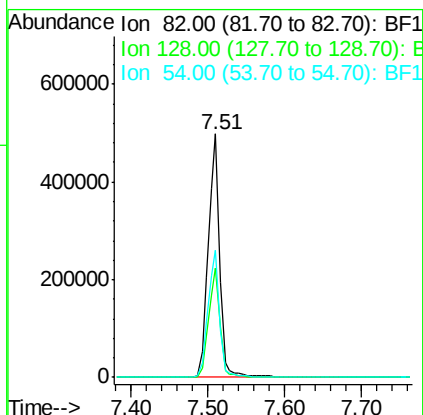
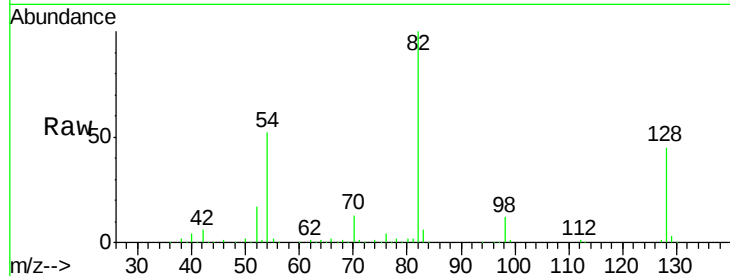




#23
Nitrobenzene-d5
Concen: 103.42 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

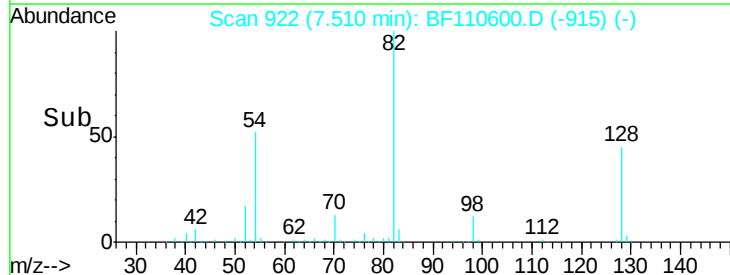
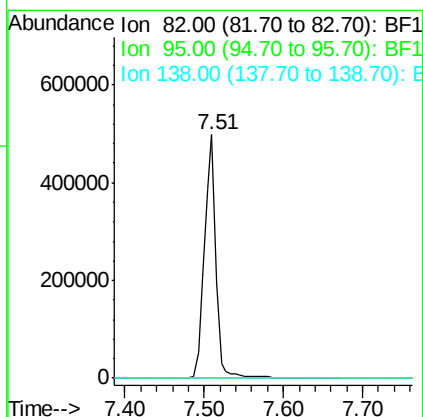
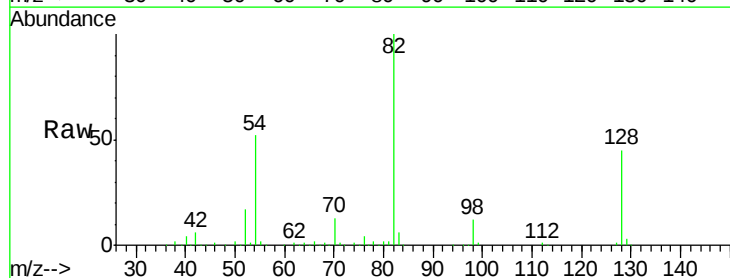
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	508996
Ion Ratio	Lower	Upper	
82	100		
128	45.1	34.2	51.2
54	52.1	38.6	58.0



#25
Isophorone
Concen: 63.10 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

Tgt Ion	82	Resp	508992
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

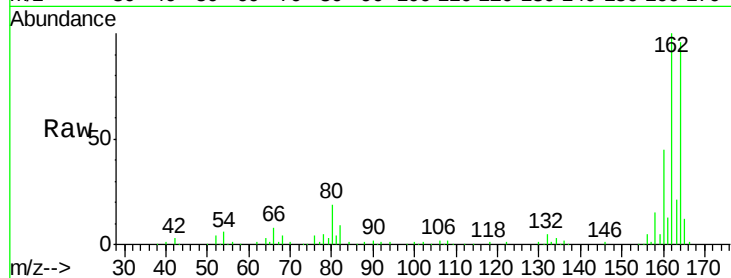




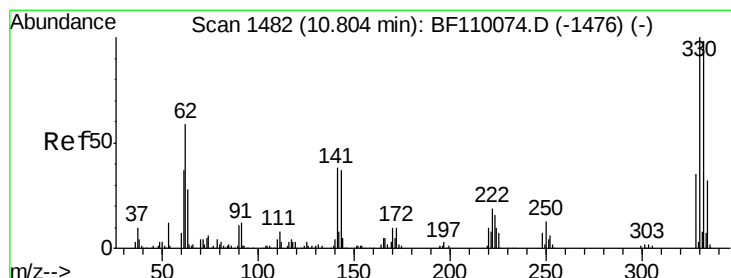
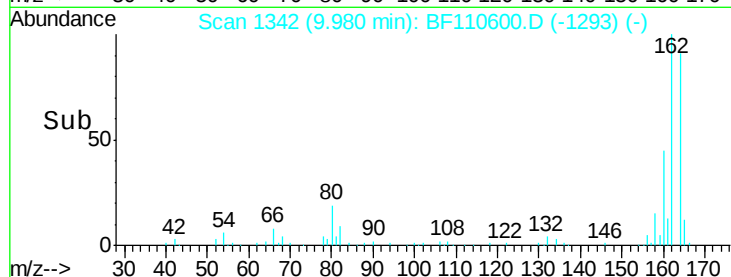
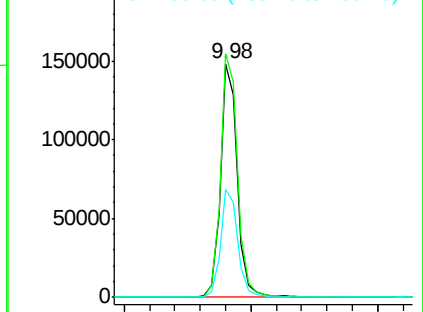
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 136585
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.6
160 46.4 37.0 55.6

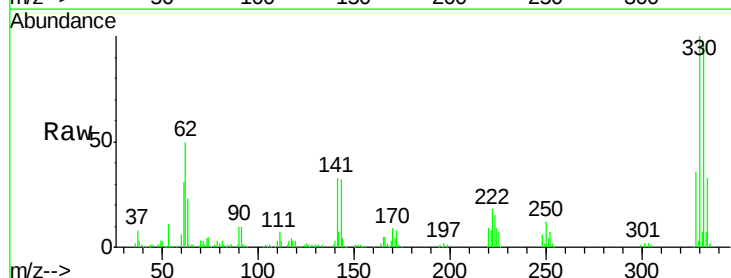


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

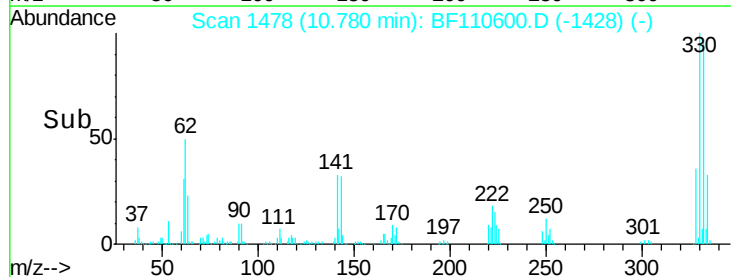
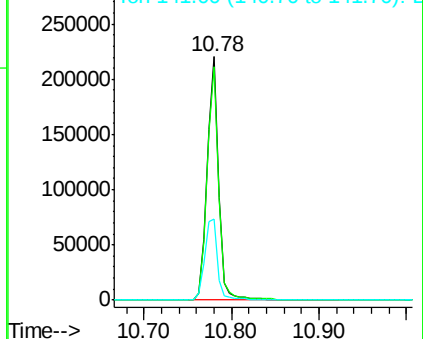


#42
2,4,6-Tribromophenol
Concen: 146.84 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

Tgt Ion:330 Resp: 202093
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 37.7 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

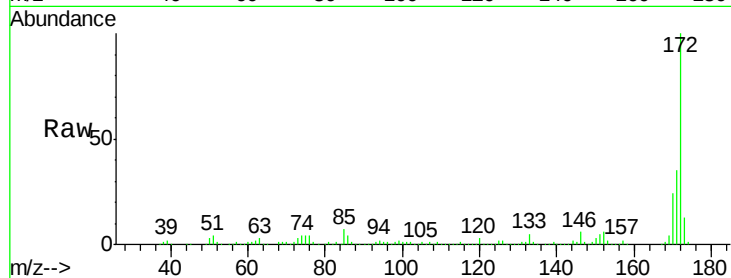




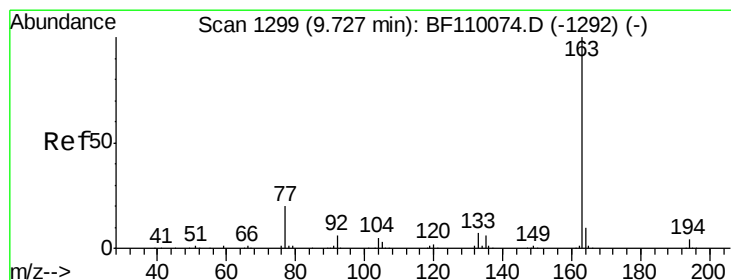
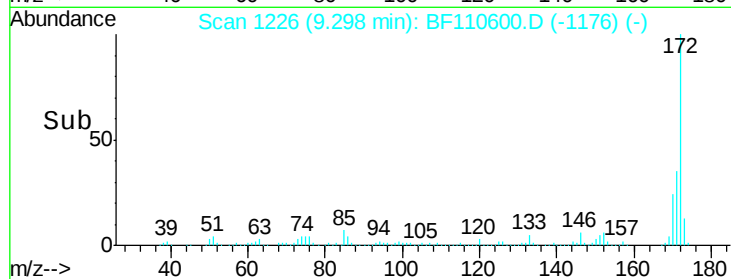
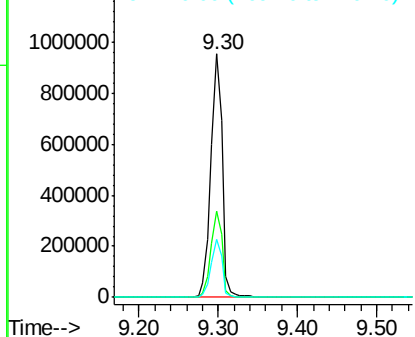
#45
2-Fluorobiphenyl
Concen: 99.36 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 950222
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.6 19.7 29.5

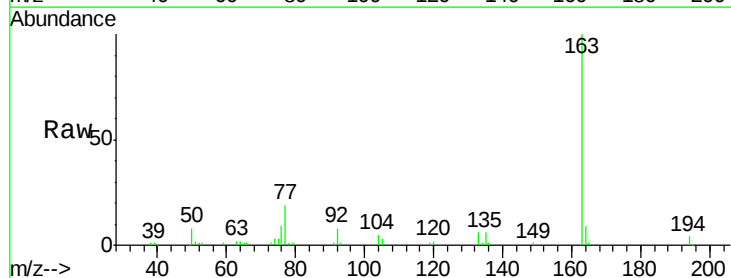


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

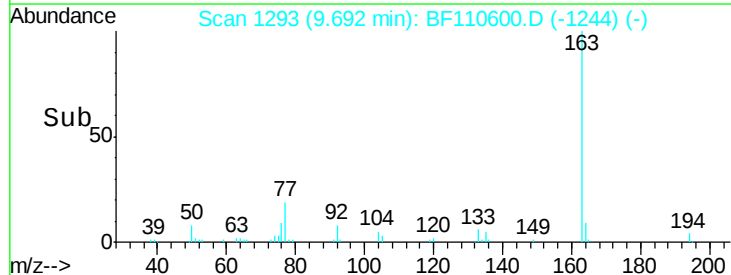
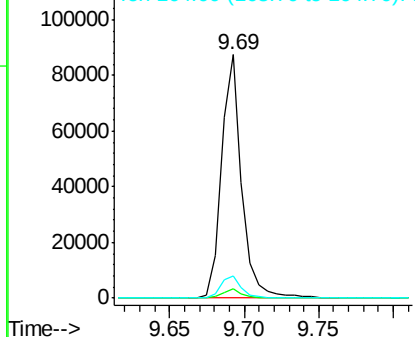


#50
Dimethylphthalate
Concen: 8.13 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

Tgt Ion:163 Resp: 82906
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.4 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

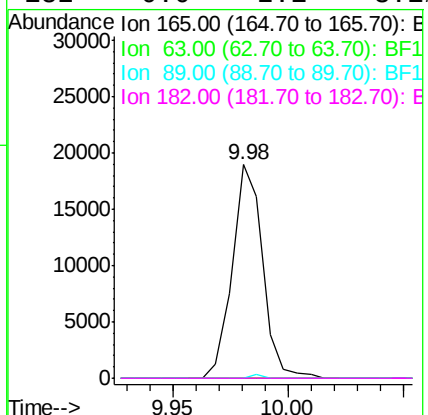
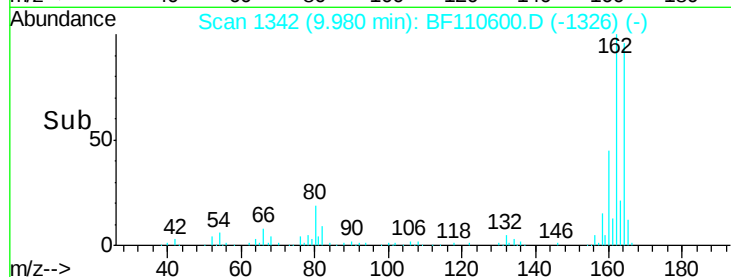
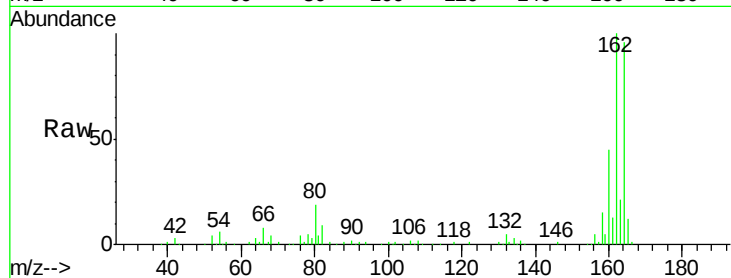




#57
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110600.D
 Acq: 8 Nov 2018 22:15

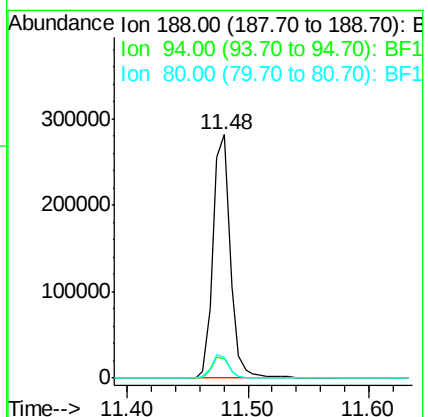
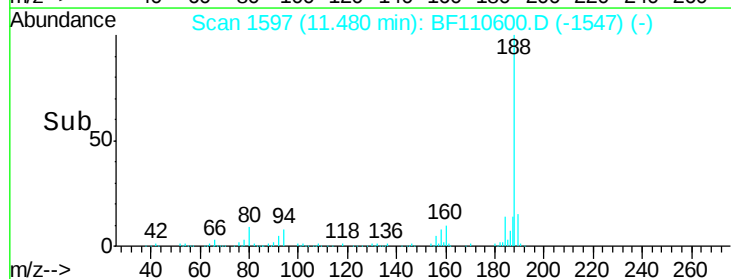
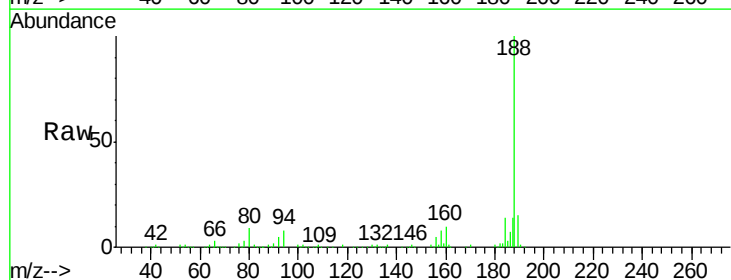
Instrument :
 BNA_F
 ClientSampleId :

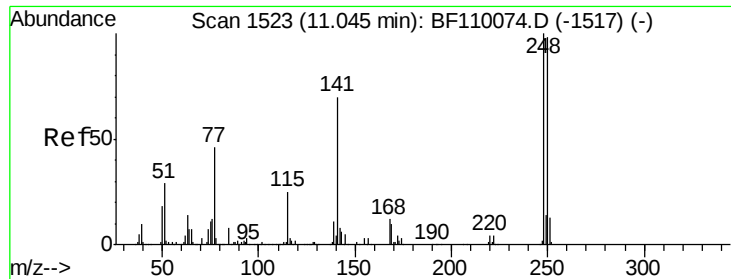
Tot Ion:165	Resp:	17416
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	0.0	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110600.D
 Acq: 8 Nov 2018 22:15

Tgt Ion:188	Resp:	276660
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.2 10.8
80	8.7	7.9 11.9

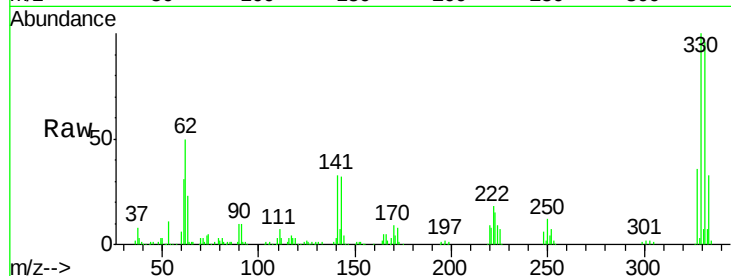




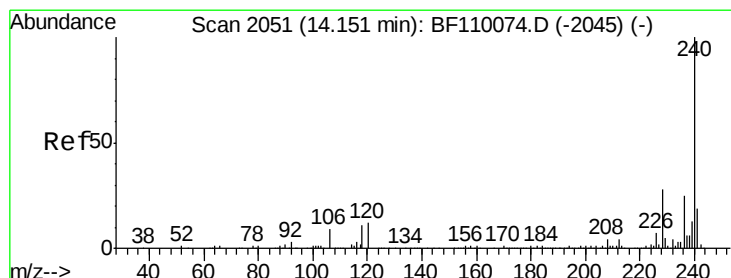
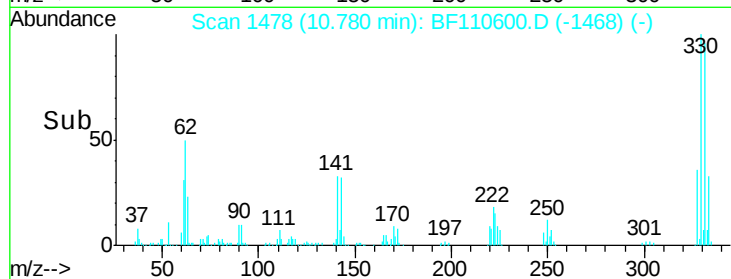
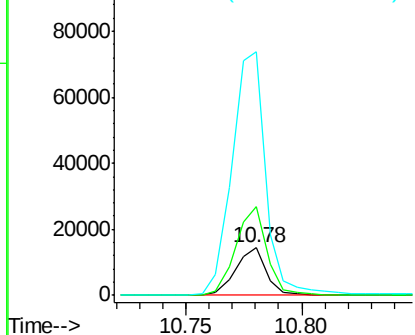
#67
 4-Bromophenyl-phenylether
 Concen: 4.36 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110600.D
 Acq: 8 Nov 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13325
 Ion Ratio Lower Upper
 248 100
 250 187.8 79.4 119.2#
 141 515.9 55.9 83.9#

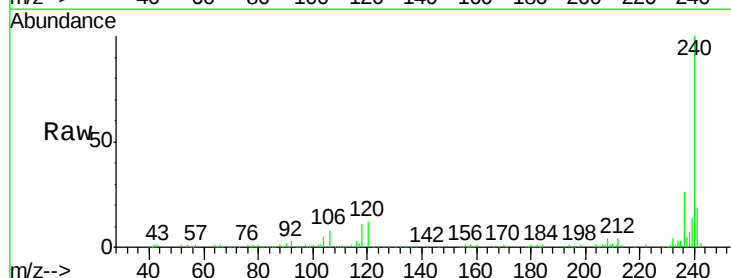


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

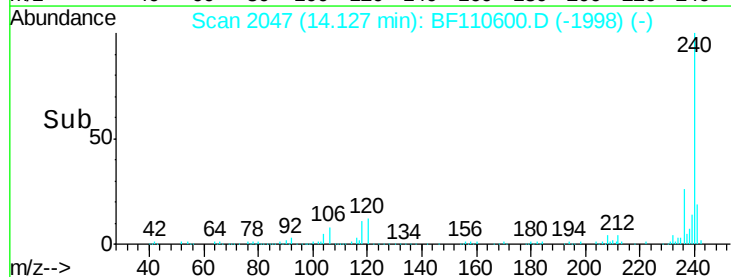
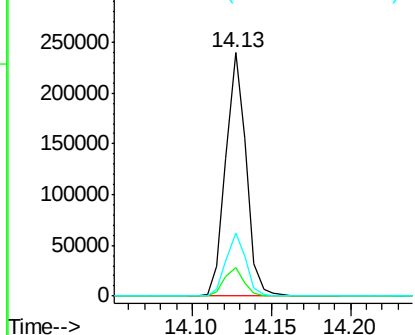


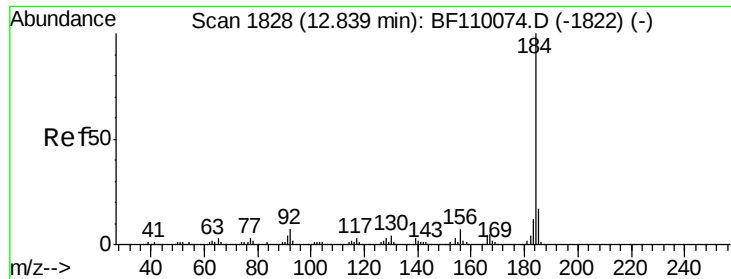
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110600.D
 Acq: 8 Nov 2018 22:15

Tgt Ion:240 Resp: 214167
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.3 12.5
 236 25.8 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: 2.39 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.24 min

Lab File: BF110600.D

Acq: 8 Nov 2018 22:15

Instrument :

BNA_F

ClientSampleId :

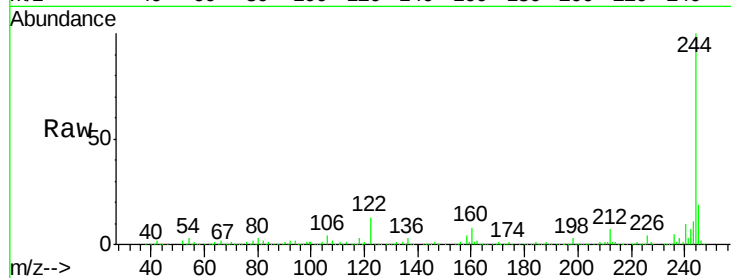
Tot Ion:184 Resp: 14057

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

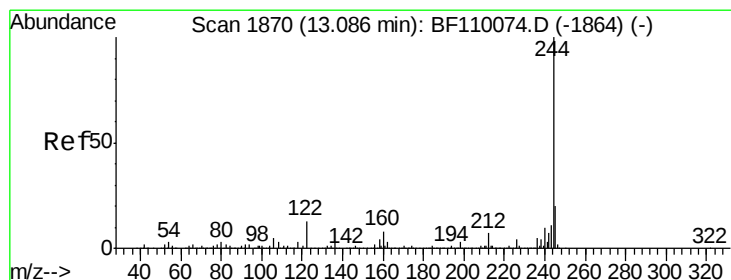
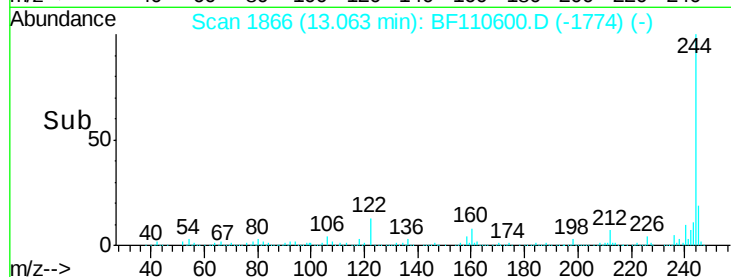
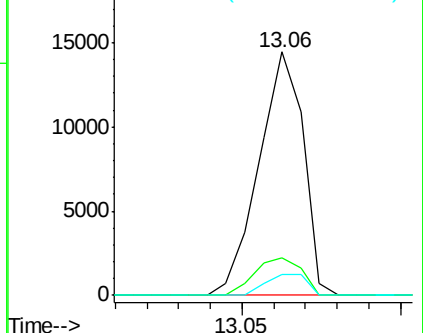
183 8.6 9.4 14.2#



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: 90.00 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110600.D

Acq: 8 Nov 2018 22:15

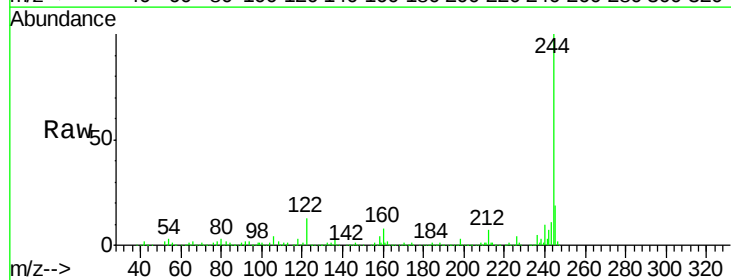
Tgt Ion:244 Resp: 1029243

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

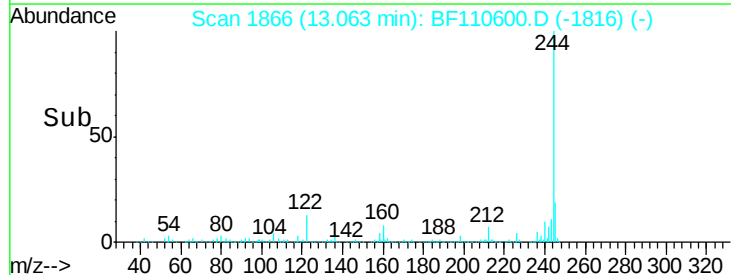
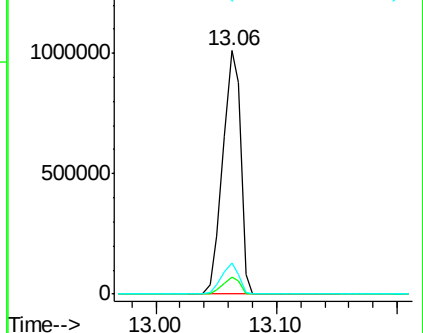
122 12.9 8.7 13.1

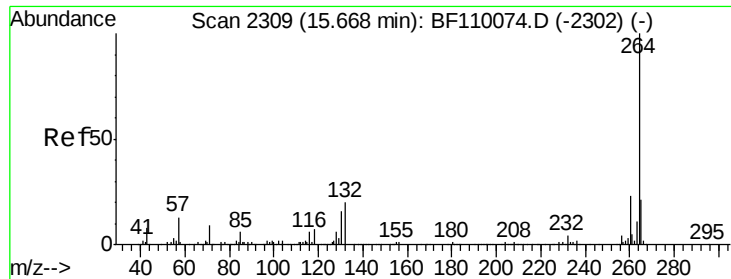


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

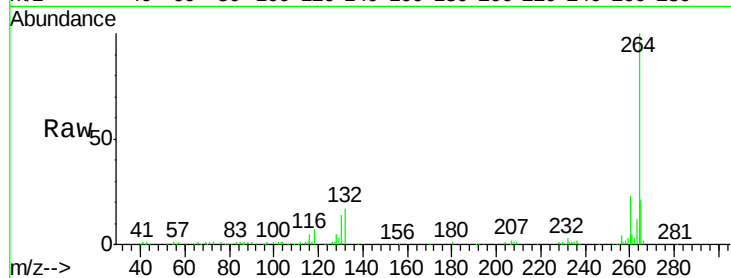




#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110600.D
Acq: 8 Nov 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	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

