

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110563.D
 Acq On : 7 Nov 2018 18:47
 Operator : JU/SJ
 Sample : J5813-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 16:22:25 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	72161	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	262908	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	99009	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	152425	20.00	ng	0.00
76) Chrysene-d12	14.13	240	157281	20.00	ng	0.00
87) Perylene-d12	15.66	264	121164	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	458477	103.46	ng	0.00
7) Phenol-d6	6.57	99	557931	98.44	ng	0.00
23) Nitrobenzene-d5	7.52	82	351813	79.37	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	86656	88.36	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	531944	84.37	ng	-0.01
79) Terphenyl-d14	13.07	244	382784	50.62	ng	0.00

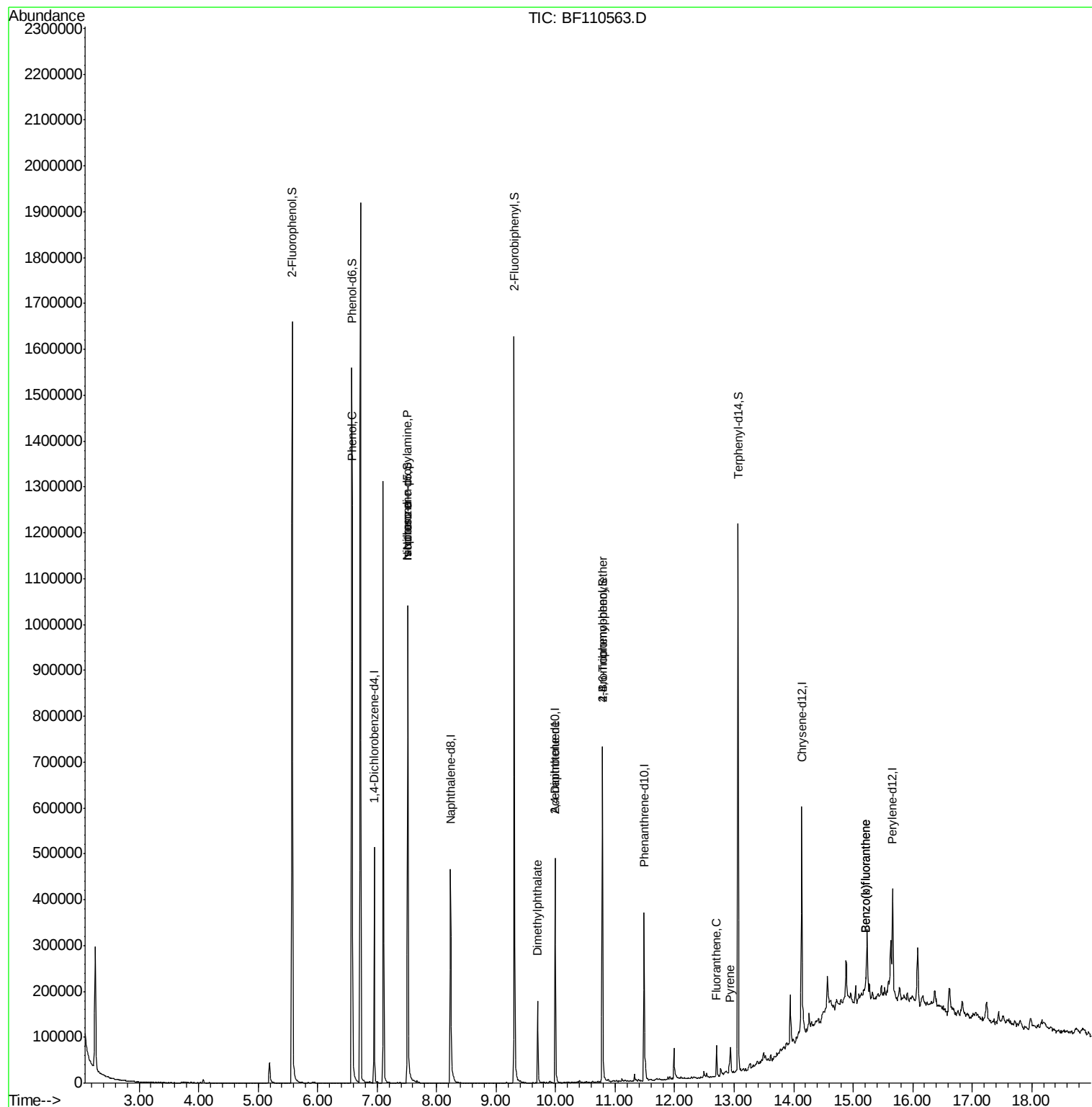
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	1324	Below Cal		# 1
10) Phenol	6.59	94	36677	6.054	ng	# 68
19) n-Nitroso-di-n-propylamine	7.52	70	45413	12.489	ng	# 79
25) Isophorone	7.52	82	351811	46.562	ng	# 67
50) Dimethylphthalate	9.70	163	79733	10.909	ng	# 99
57) 2,4-Dinitrotoluene	9.99	165	12499	6.251	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	5501	3.327	ng	# 1
75) Fluoranthene	12.70	202	26818	3.313	ng	# 98
78) Pyrene	12.94	202	24421	2.166	ng	# 99
88) Benzo(b)fluoranthene	15.21	252	24582	3.513	ng	# 66
89) Benzo(k)fluoranthene	15.21	252	24582	3.574	ng	# 65

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

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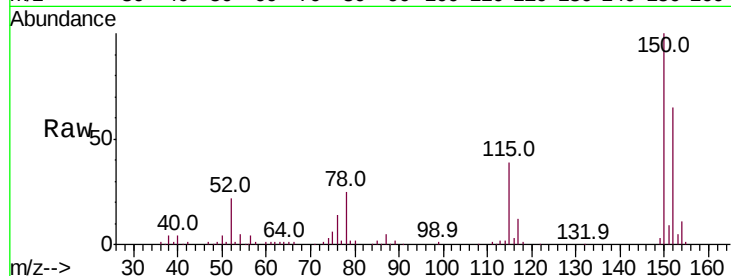


#1

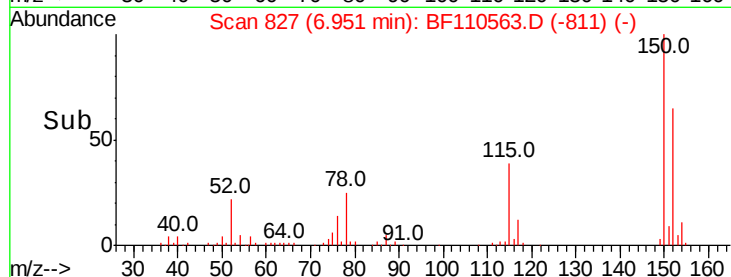
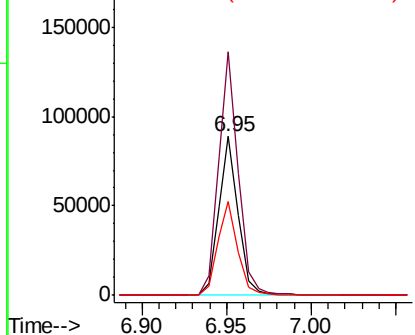
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72161
Ion Ratio Lower Upper
152 100
150 153.0 122.7 184.1
115 59.4 49.1 73.7



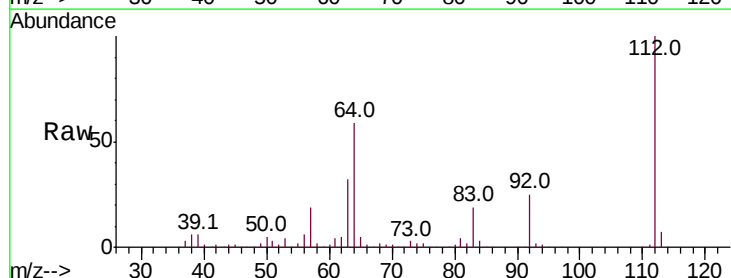
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



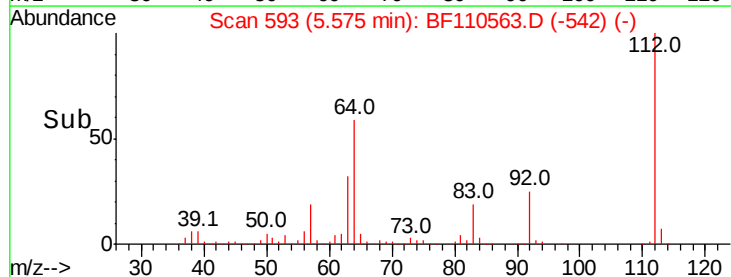
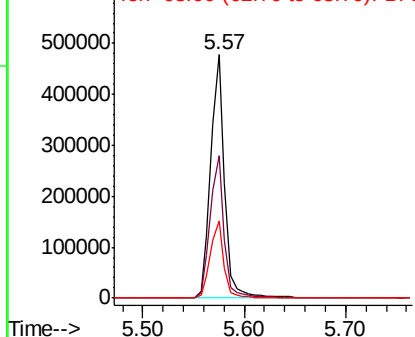
#5

2-Fluorophenol
Concen: 103.464 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Tgt Ion:112 Resp: 458477
Ion Ratio Lower Upper
112 100
64 58.7 44.1 66.1
63 32.0 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: 98.437 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

Instrument :

BNA_F

ClientSampleId :

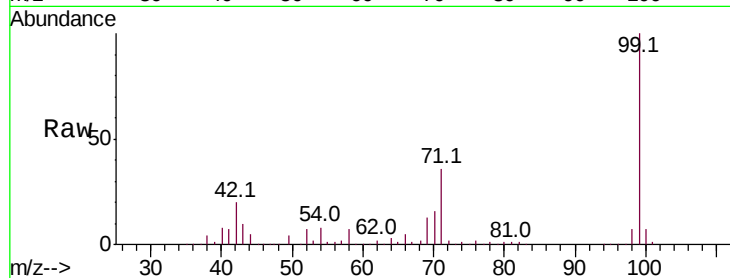
Tot Ion: 99 Resp: 557931

Ion Ratio Lower Upper

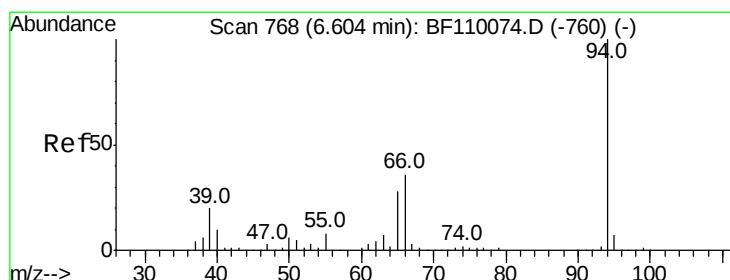
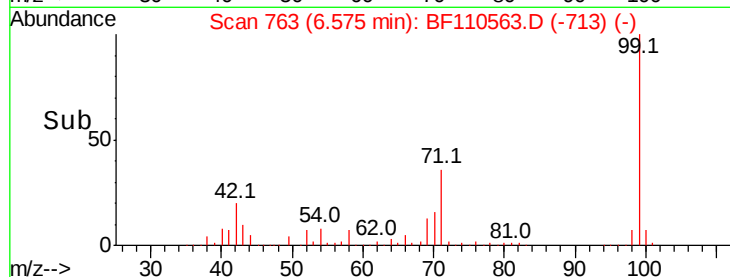
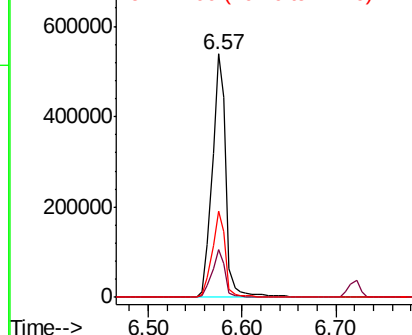
99 100

42 19.8 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



#10

Phenol

Concen: 6.054 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110563.D

Acq: 7 Nov 2018 18:47

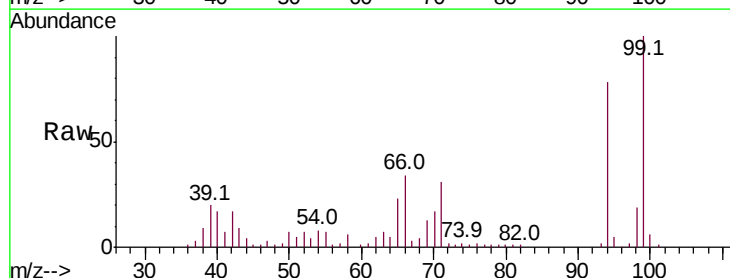
Tgt Ion: 94 Resp: 36677

Ion Ratio Lower Upper

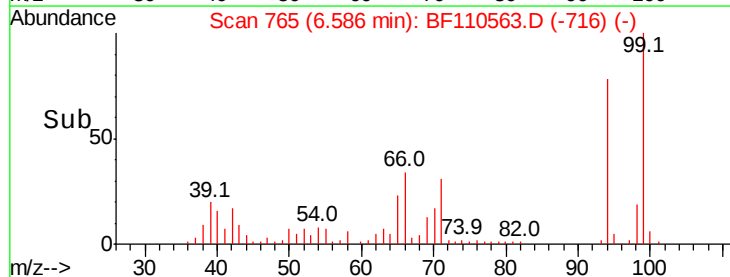
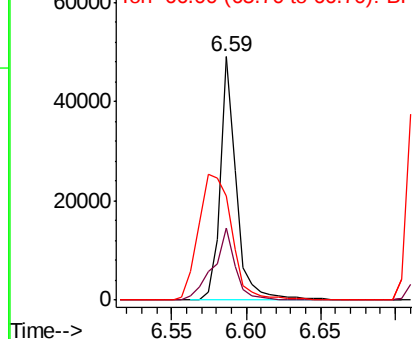
94 100

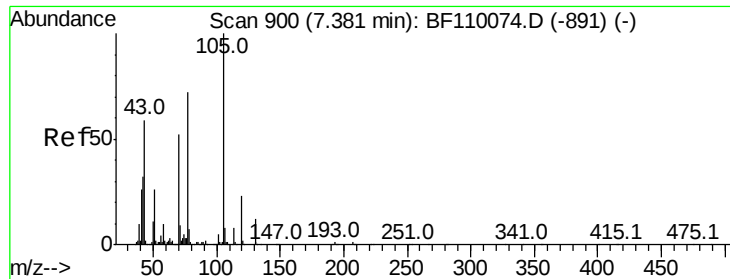
65 29.9 25.3 65.3

66 43.0 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

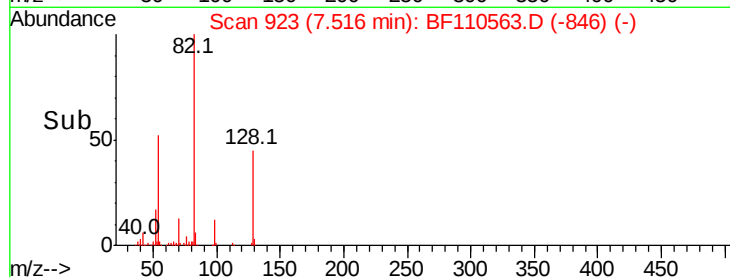
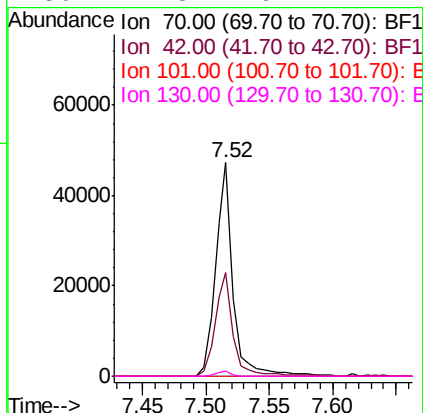
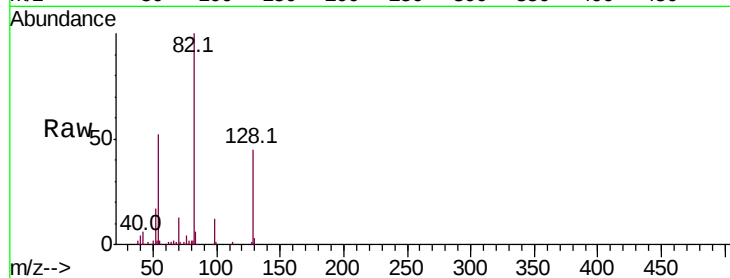




#19
n-Nitroso-di-n-propylamine
Concen: 12.489 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

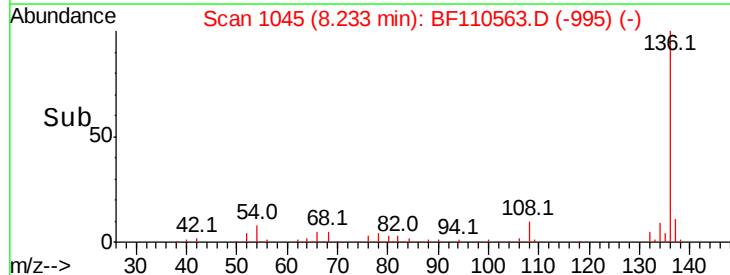
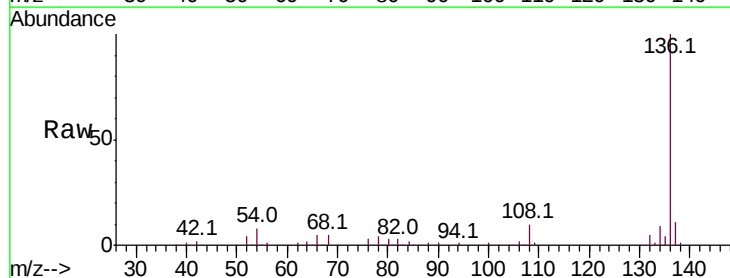
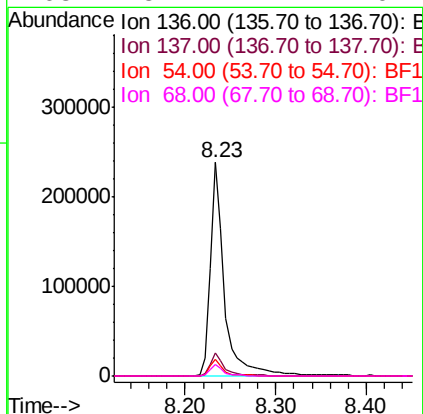
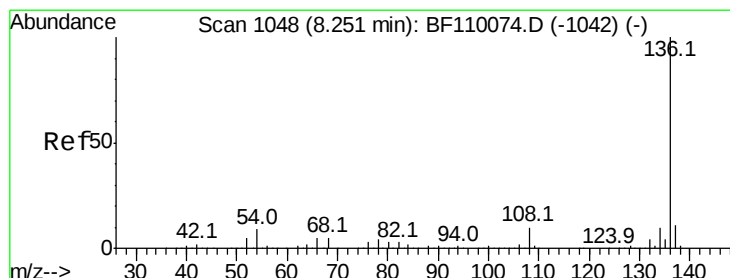
Instrument :
BNA_F
ClientSampleId :

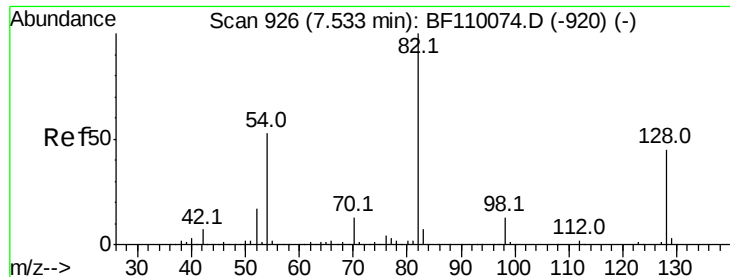
Tot Ion: 70 Resp: 45413
Ion Ratio Lower Upper
70 100
42 48.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Tgt Ion: 136 Resp: 262908
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.1 5.4 8.2
68 5.1 4.2 6.2

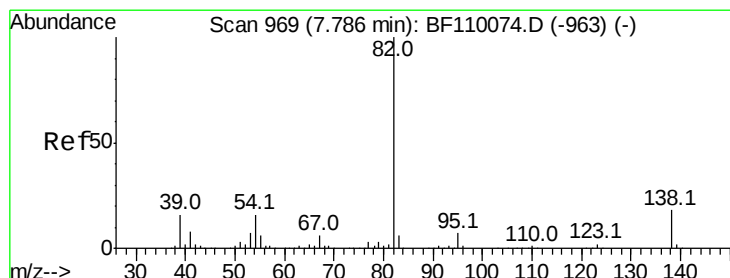
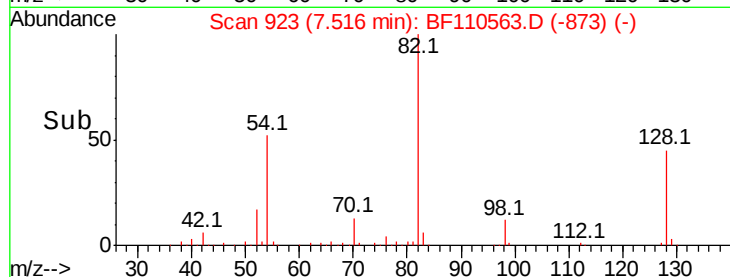
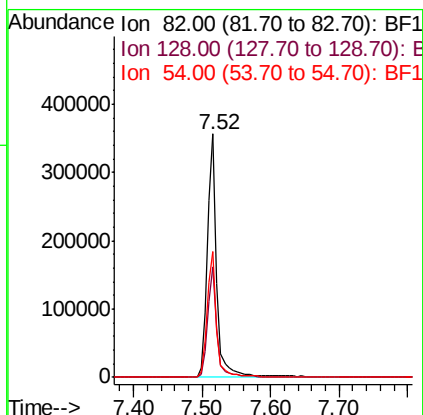
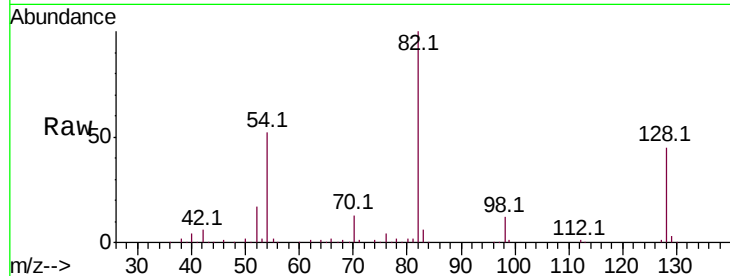




#23
 Nitrobenzene-d5
 Concen: 79.371 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

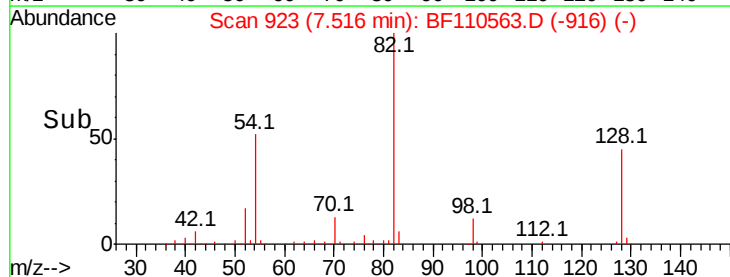
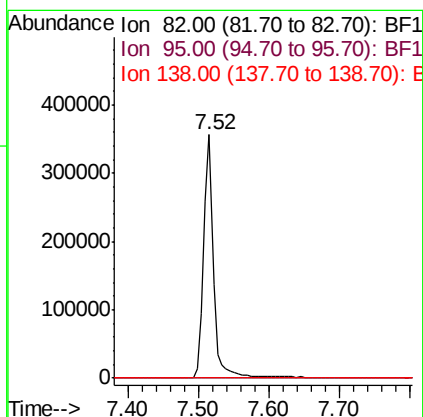
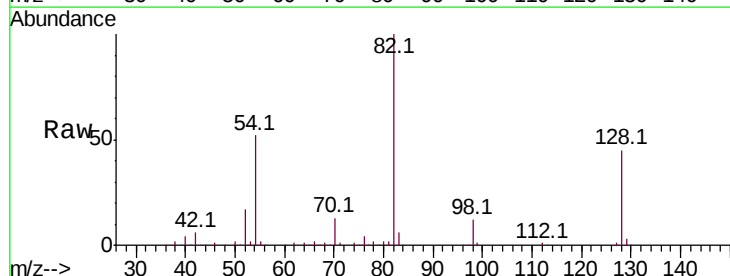
Instrument :
 BNA_F
 ClientSampled :

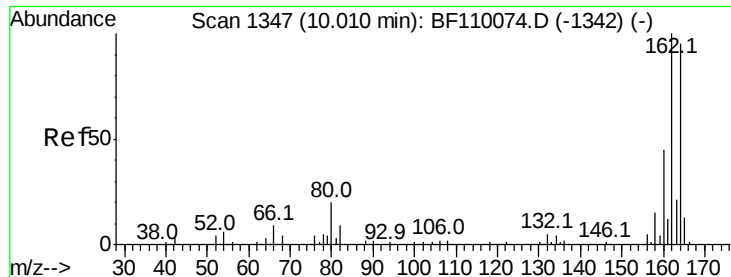
Tot Ion	82	Resp	351813
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.2	51.2
54	52.0	38.6	58.0



#25
 Isophorone
 Concen: 46.562 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

Tgt Ion	82	Resp	351811
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

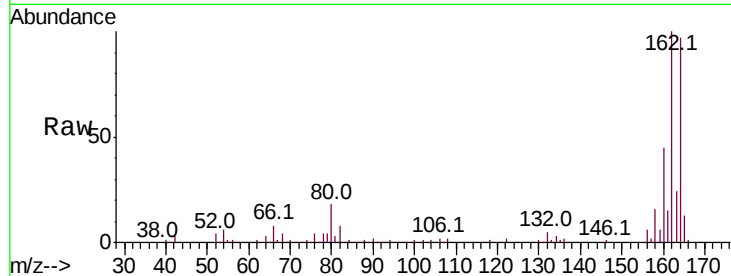




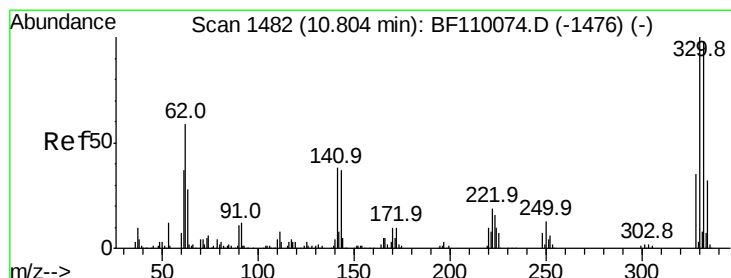
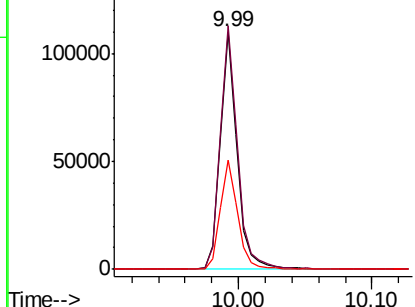
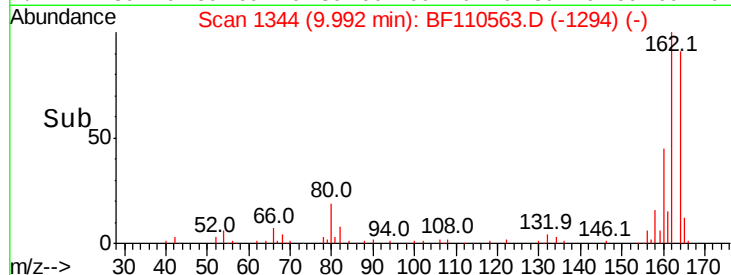
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 99009
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.6
160 46.2 37.0 55.6

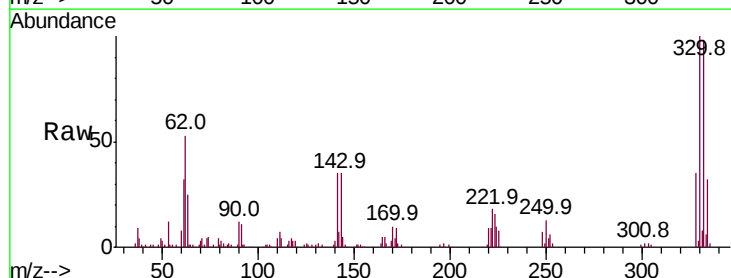


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

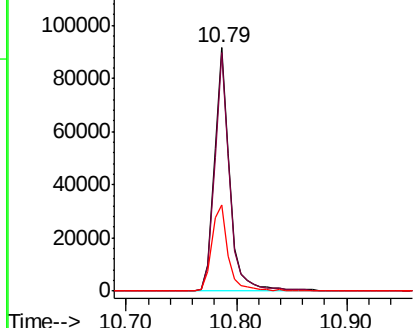
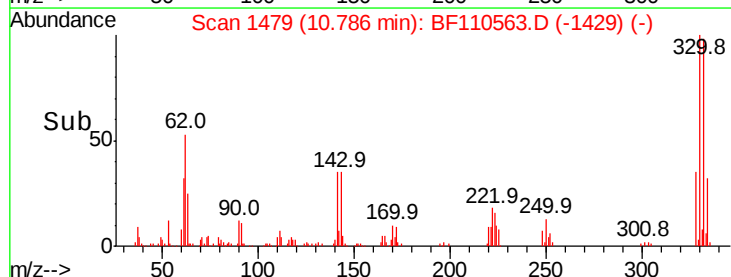


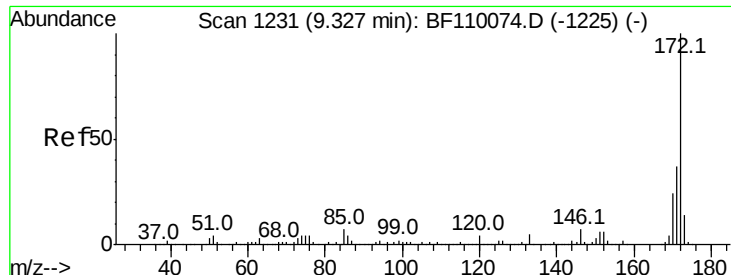
#42
2,4,6-Tribromophenol
Concen: 88.357 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Tgt Ion:330 Resp: 86656
Ion Ratio Lower Upper
330 100
332 96.5 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

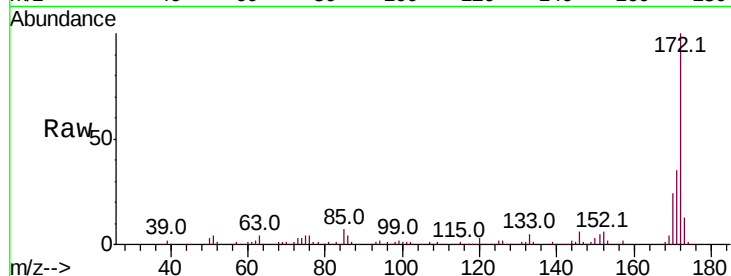




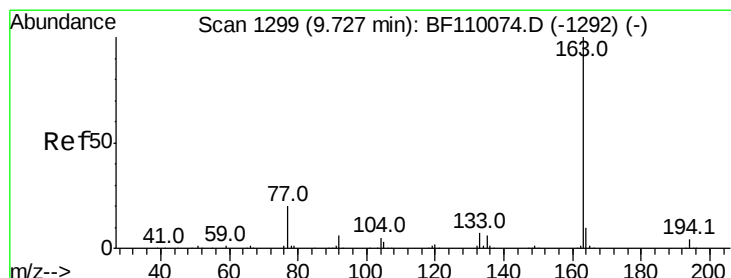
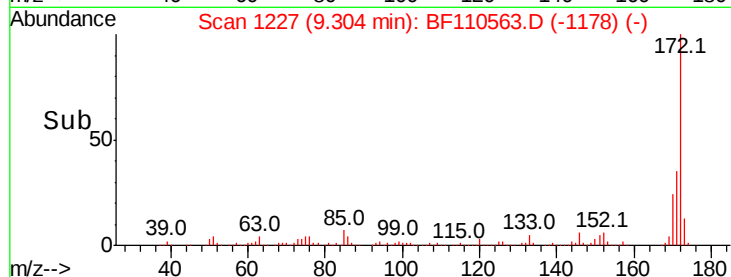
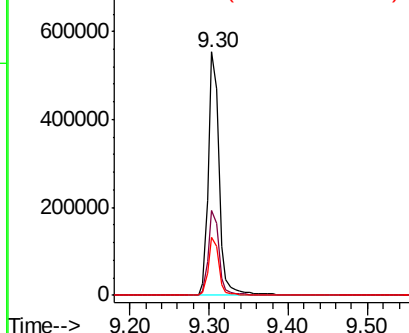
#45
 2-Fluorobiphenyl
 Concen: 84.365 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 531944
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 23.6 19.7 29.5

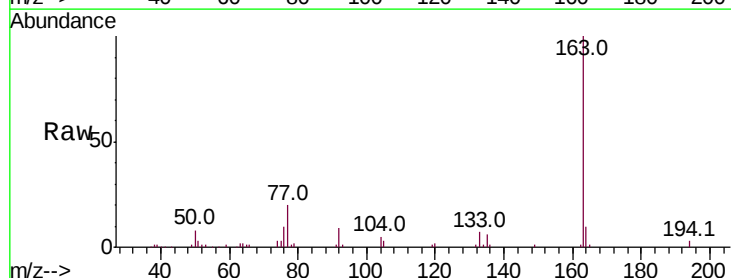


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

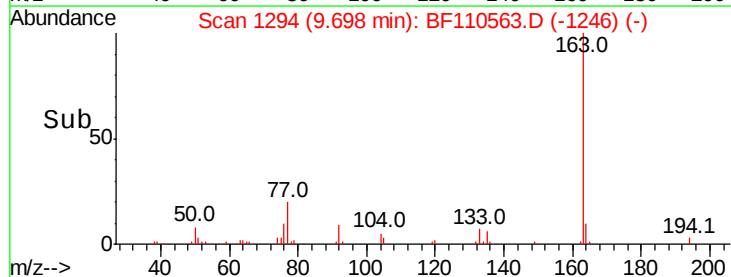
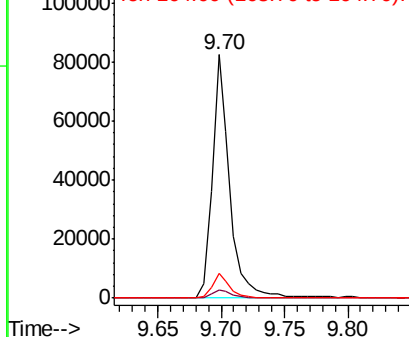


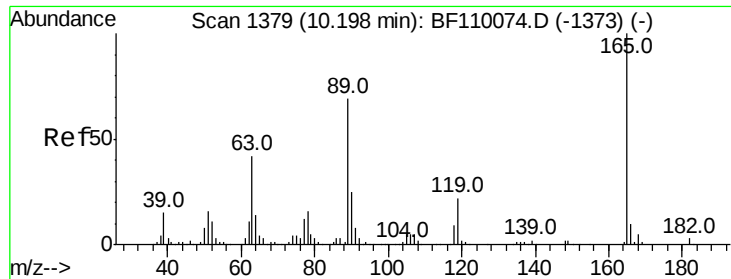
#50
 Dimethylphthalate
 Concen: 10.909 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

Tgt Ion:163 Resp: 79733
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.2 4.8
 164 10.1 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

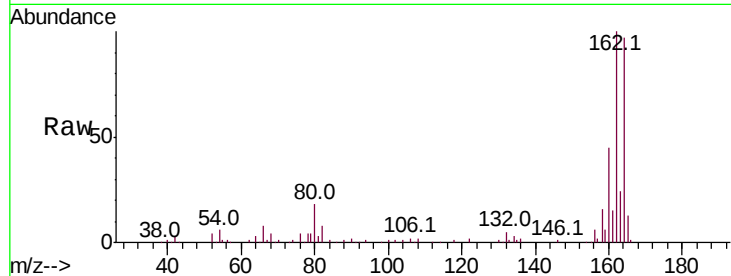




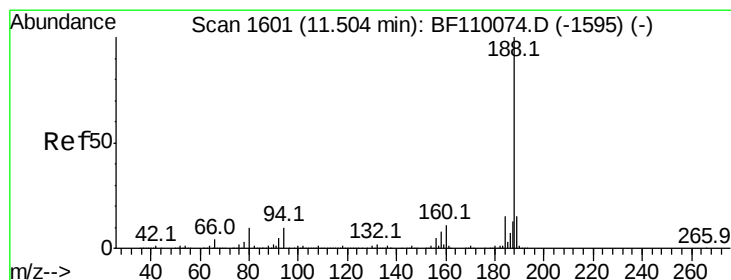
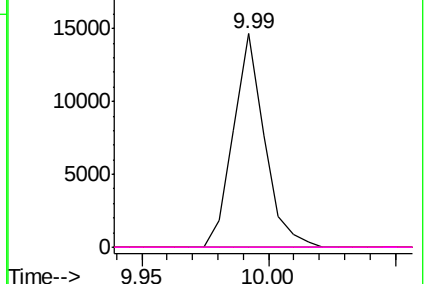
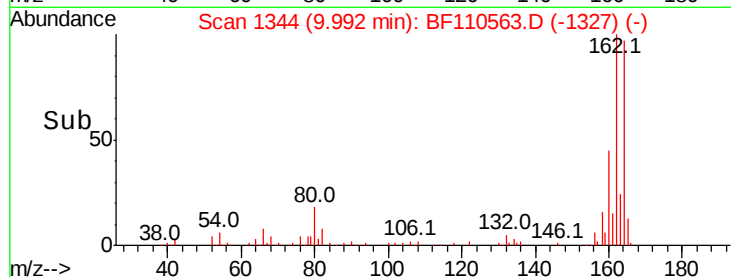
#57
 2,4-Dinitrotoluene
 Concen: 6.251 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	12499
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#

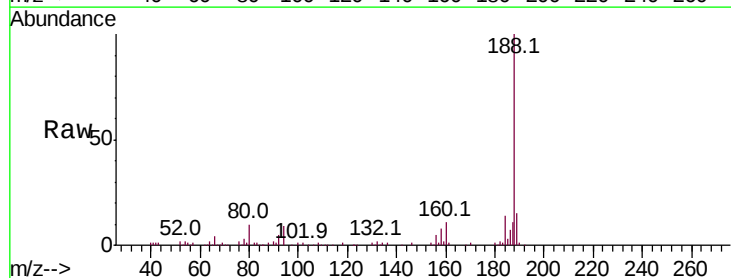


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

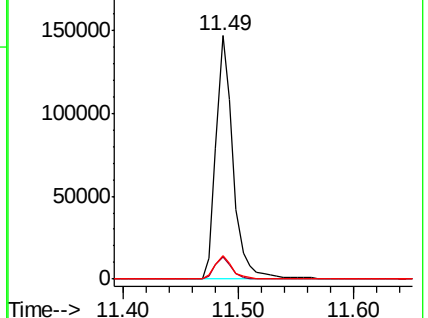
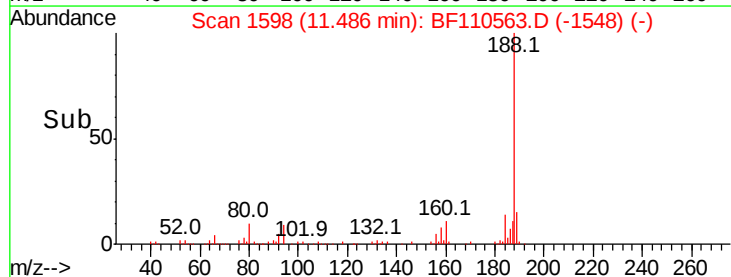


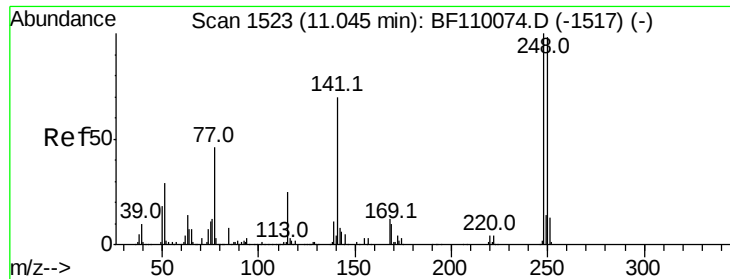
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

Tgt Ion:	188	Resp:	152425
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.7	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

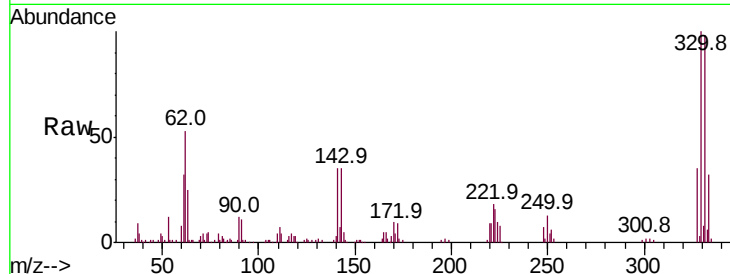




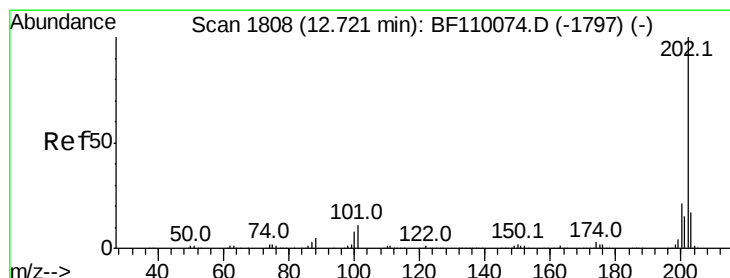
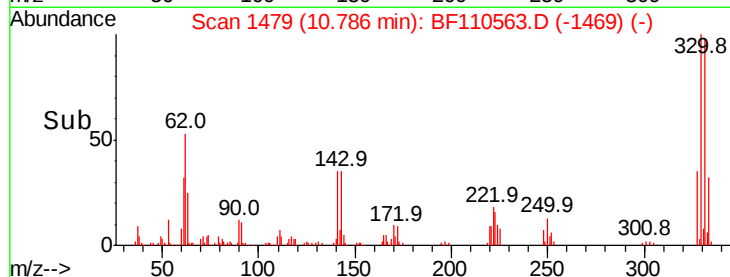
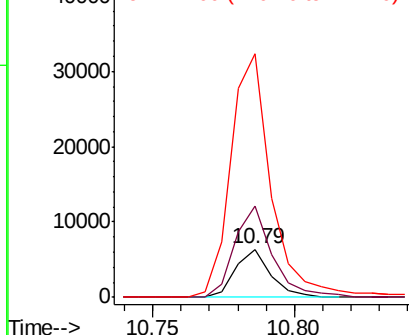
#67
 4-Bromophenyl-phenylether
 Concen: 3.327 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5501
 Ion Ratio Lower Upper
 248 100
 250 188.8 79.4 119.2#
 141 504.9 55.9 83.9#

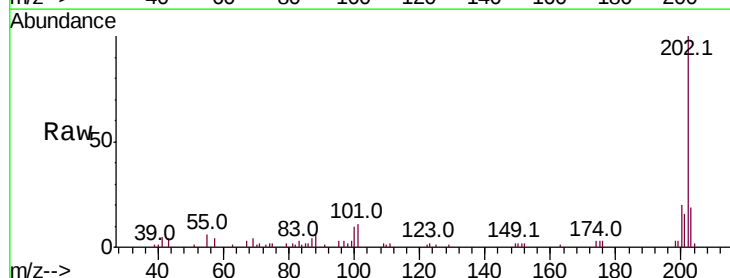


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

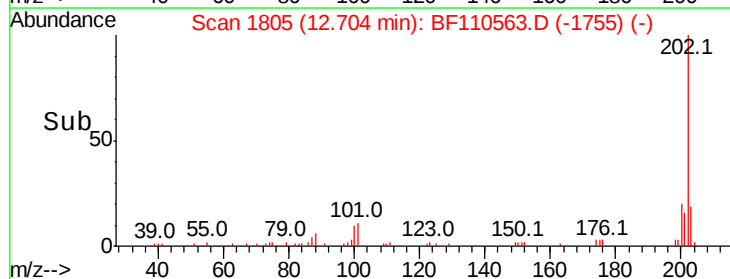
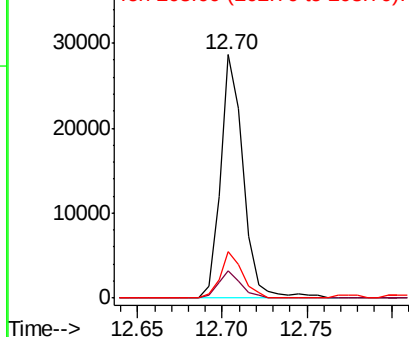


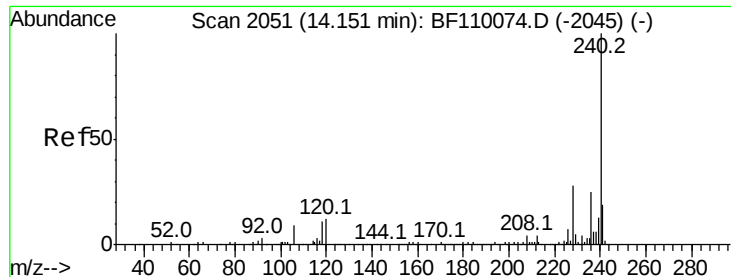
#75
 Fluoranthene
 Concen: 3.313 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

Tgt Ion:202 Resp: 26818
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.4
 203 19.3 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

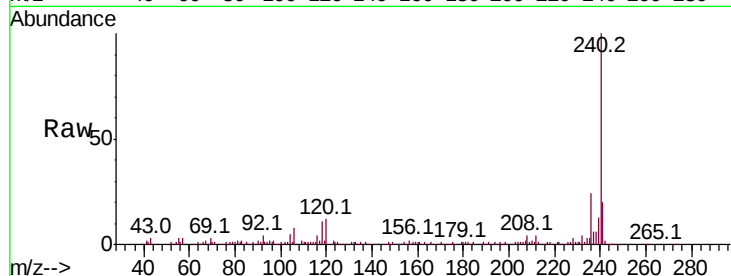




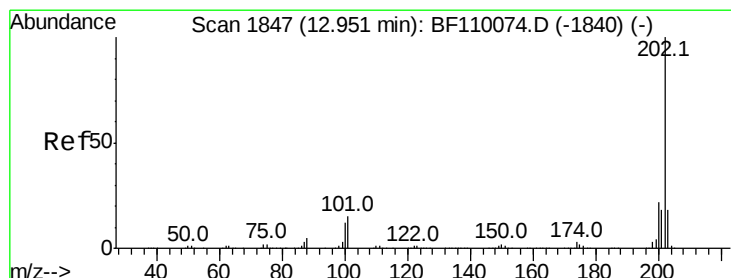
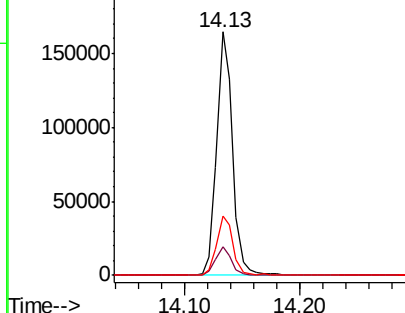
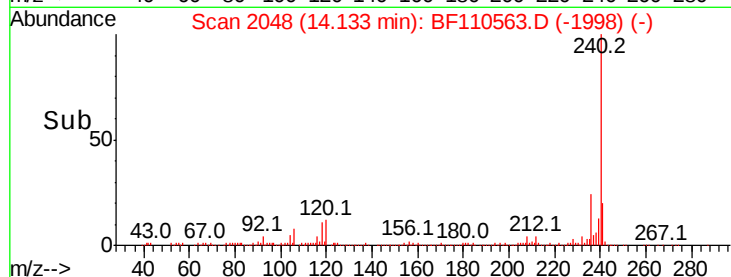
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 157281
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 24.2 21.2 31.8

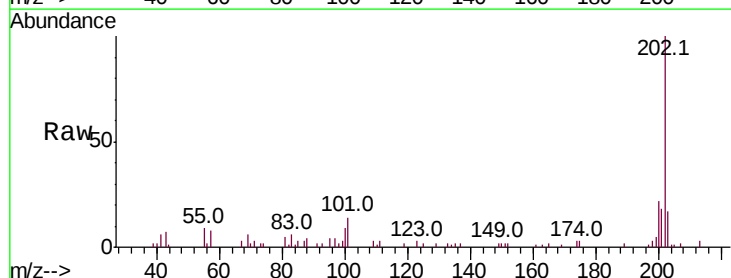


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

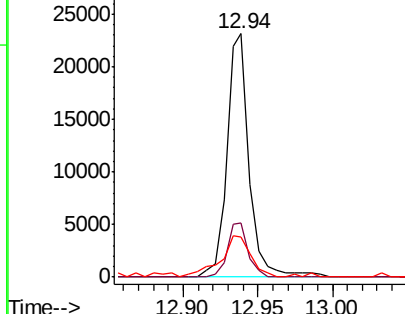
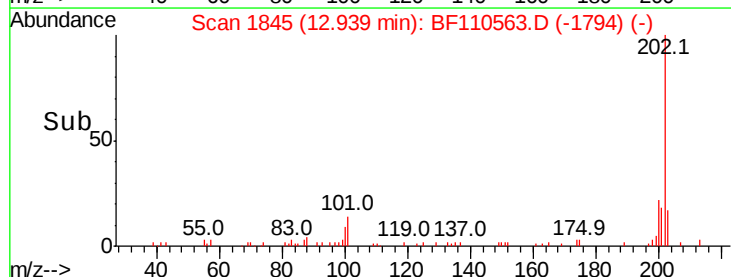


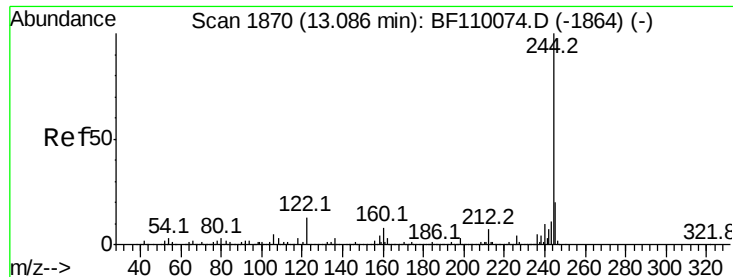
#78
Pyrene
Concen: 2.166 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Tgt Ion:202 Resp: 24421
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 16.7 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

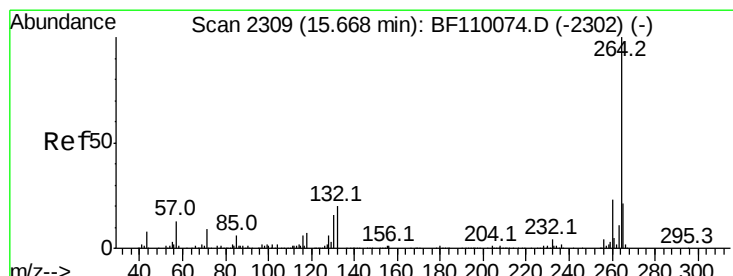
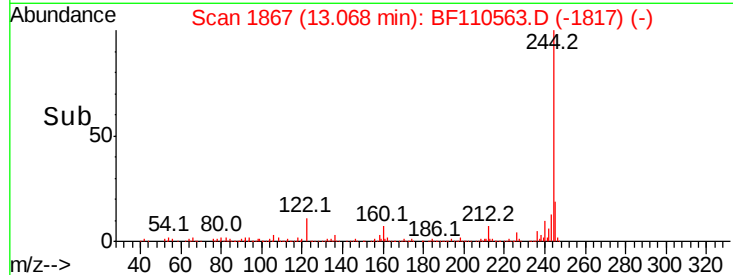
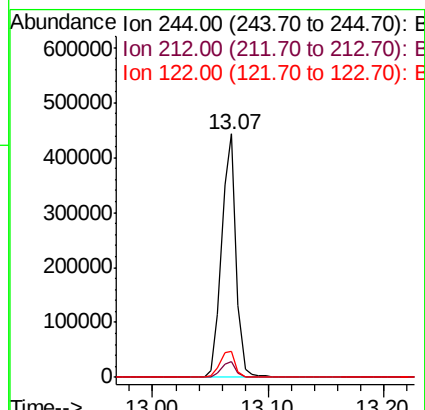
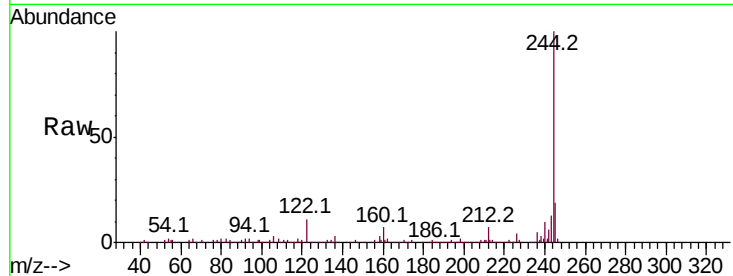




#79
 Terphenyl-d14
 Concen: 50.615 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

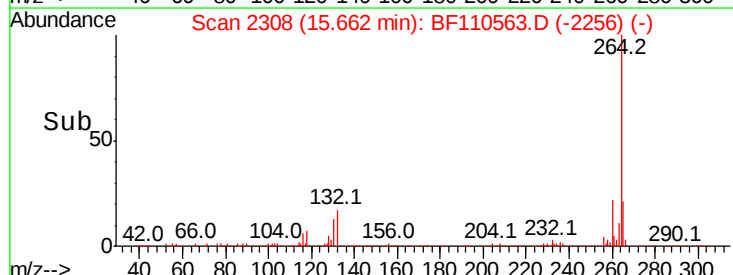
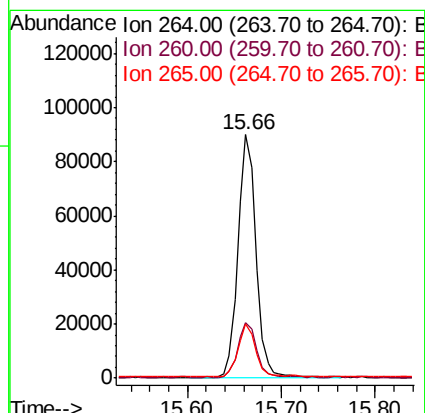
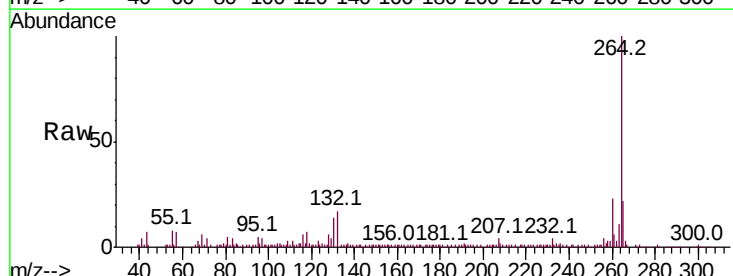
Instrument :
 BNA_F
 ClientSampleId :

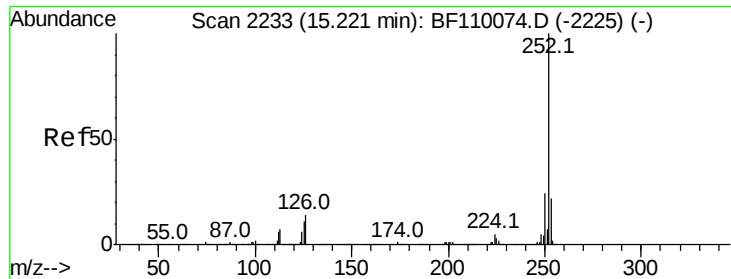
Tot Ion:244 Resp: 382784
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 10.7 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110563.D
 Acq: 7 Nov 2018 18:47

Tgt Ion:264 Resp: 121164
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 22.0 16.7 25.1

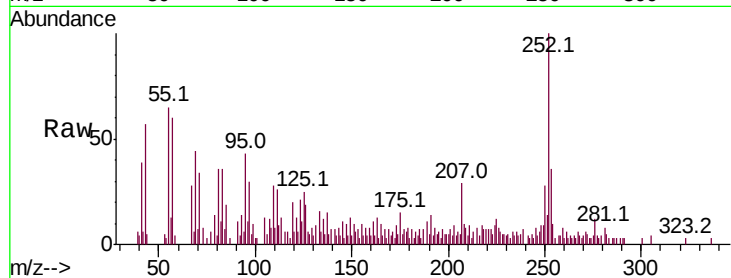




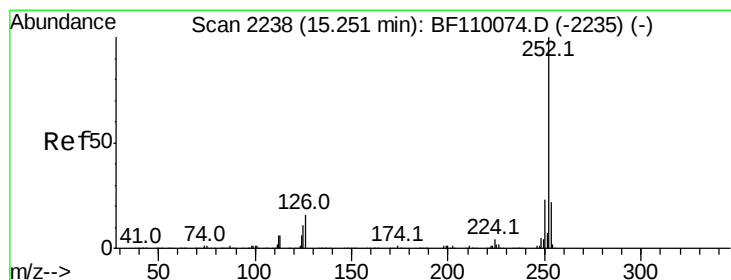
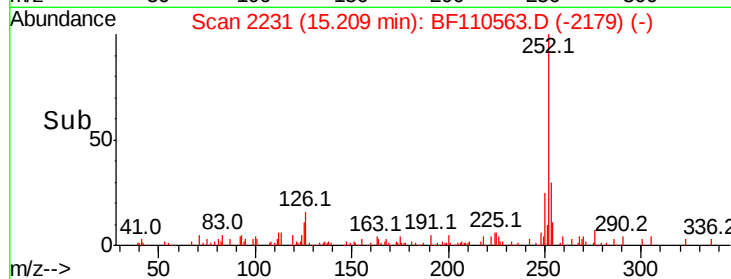
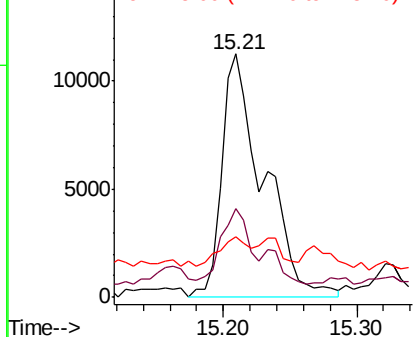
#88
Benzo(b)fluoranthene
Concen: 3.513 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 24582
Ion Ratio Lower Upper
252 100
253 36.3 17.2 25.8#
125 24.9 8.2 12.4#

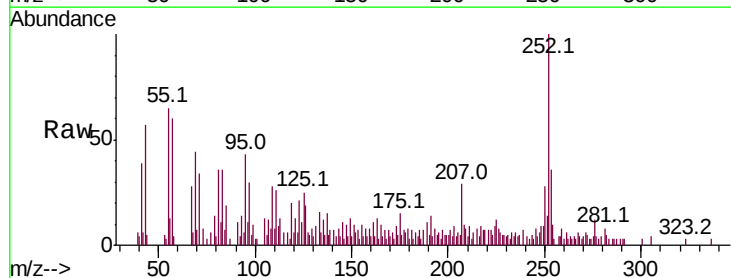


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 3.574 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110563.D
Acq: 7 Nov 2018 18:47

Tgt Ion:252 Resp: 24582
Ion Ratio Lower Upper
252 100
253 36.3 17.2 25.8#
125 24.9 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

