

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109979.D
 Acq On : 19 Oct 2018 00:35
 Operator : JU/SJ
 Sample : J5570-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:27:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

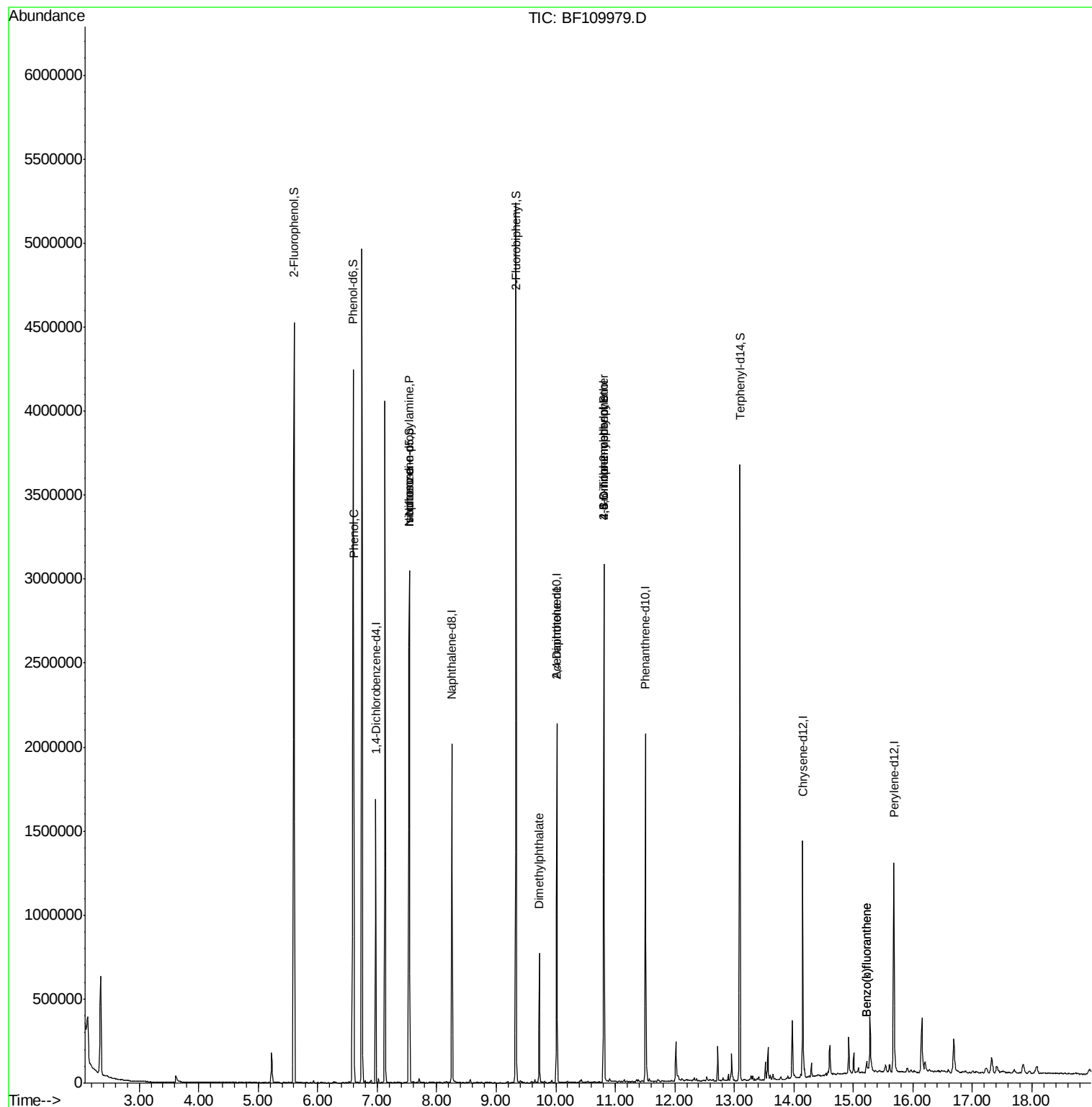
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	222461	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	885132	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	414847	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	714545	20.00	ng	0.00
76) Chrysene-d12	14.15	240	428265	20.00	ng	-0.01
87) Perylene-d12	15.68	264	428345	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1279624	91.18	ng	0.00
7) Phenol-d6	6.60	99	1633021	93.71	ng	0.00
23) Nitrobenzene-d5	7.54	82	1029034	78.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	364473	101.48	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1573373	60.52	ng	0.00
79) Terphenyl-d14	13.09	244	1183352	58.02	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	186800	9.928	ng	# 60
19) n-Nitroso-di-n-propylamine	7.54	70	138236	12.354	ng	# 78
25) Isophorone	7.54	82	1029025	39.857	ng	# 67
50) Dimethylphthalate	9.72	163	275952	9.394	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	52350	11.302	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	744	8.145	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	22977	2.967	ng	# 1
88) Benzo(b)fluoranthene	15.22	252	49828	2.018	ng	# 95
89) Benzo(k)fluoranthene	15.22	252	49828	2.047	ng	# 94

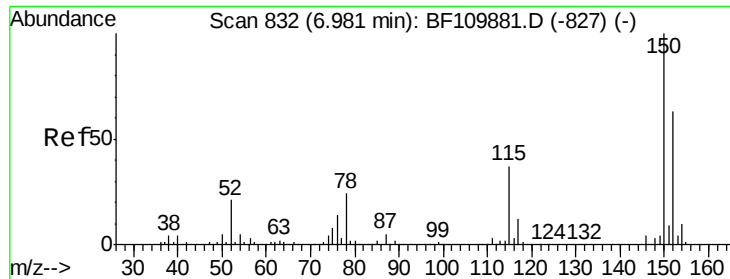
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
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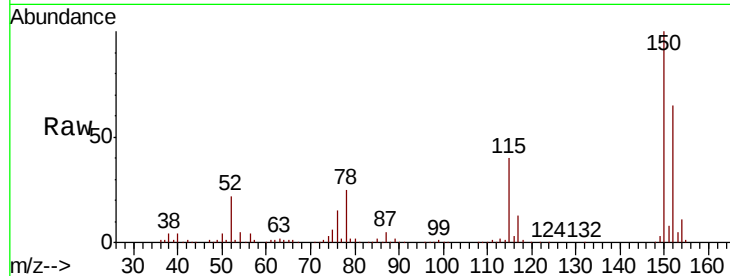


#1

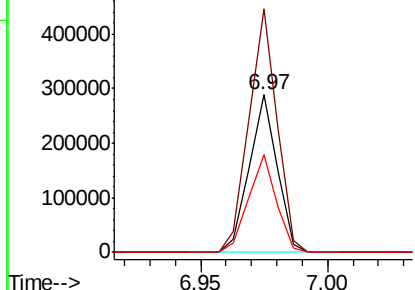
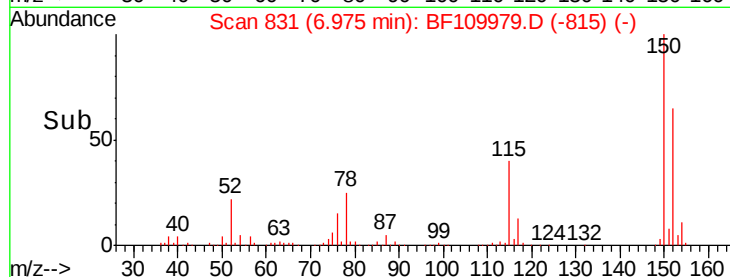
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 222461
Ion Ratio Lower Upper
152 100
150 154.7 122.7 184.1
115 62.2 49.1 73.7



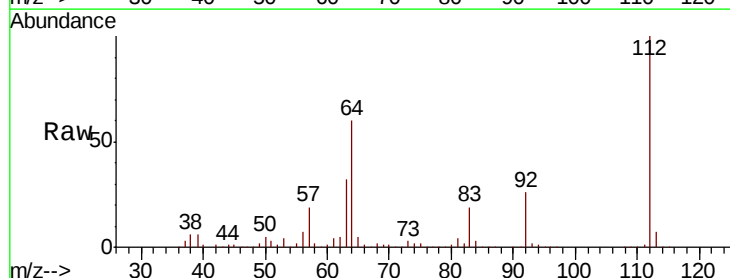
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



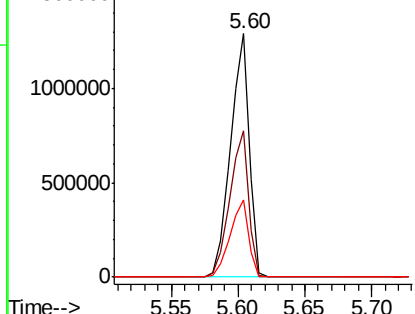
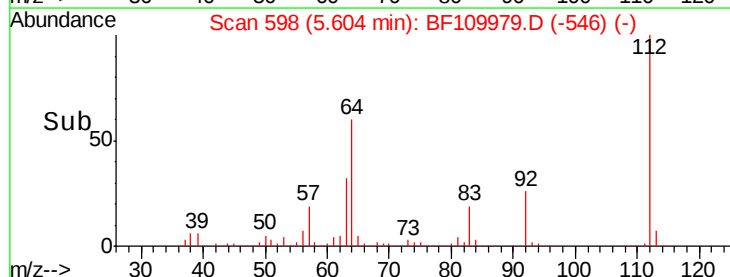
#5

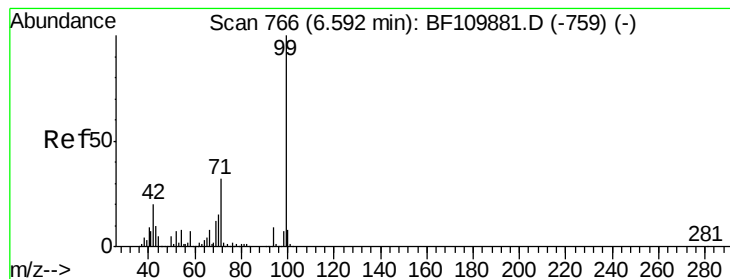
2-Fluorophenol
Concen: 91.179 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Tgt Ion:112 Resp: 1279624
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 31.7 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: 93.708 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109979.D

Acq: 19 Oct 2018 00:35

Instrument :

BNA_F

ClientSampleId :

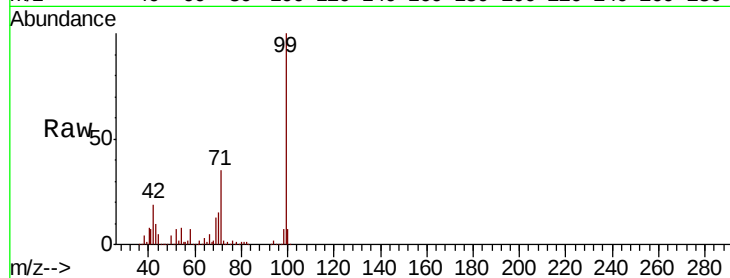
Tot Ion: 99 Resp: 1633021

Ion Ratio Lower Upper

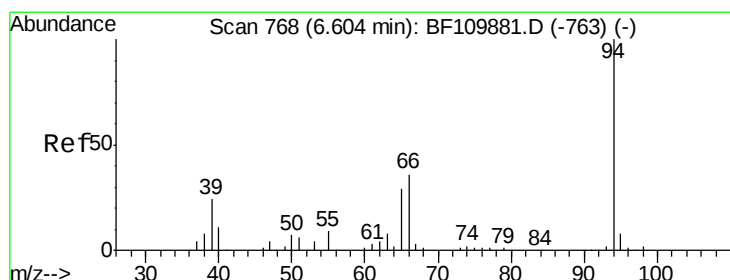
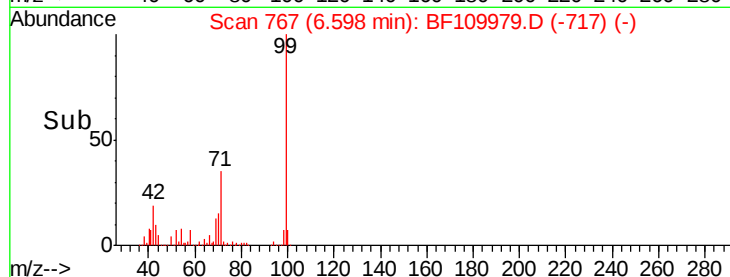
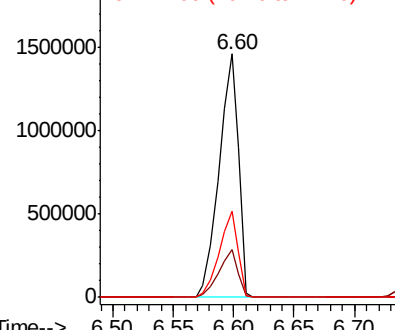
99 100

42 19.5 15.8 23.6

71 35.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 9.928 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109979.D

Acq: 19 Oct 2018 00:35

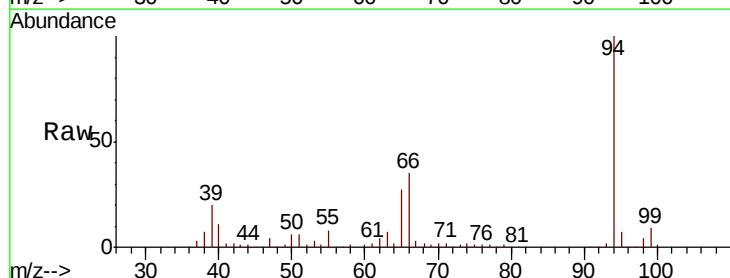
Tgt Ion: 94 Resp: 186800

Ion Ratio Lower Upper

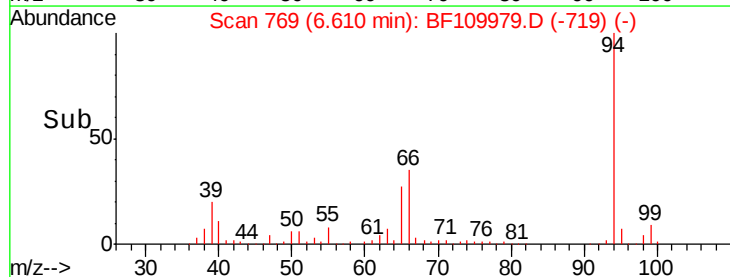
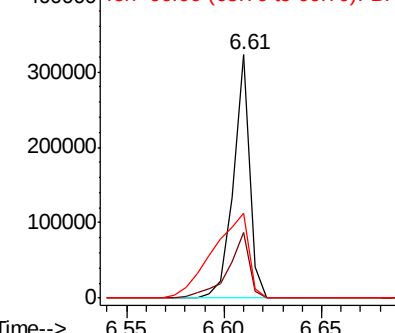
94 100

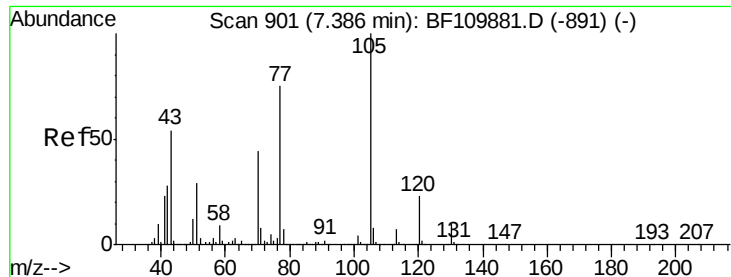
65 27.1 25.3 65.3

66 34.7 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
400000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

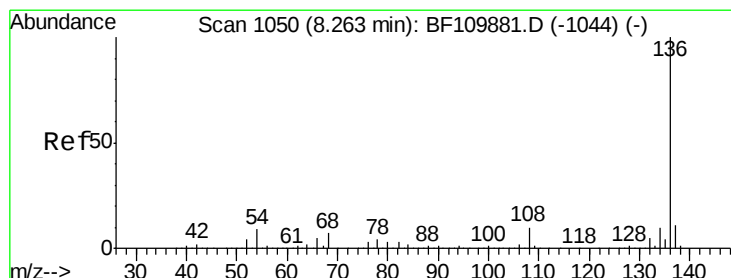
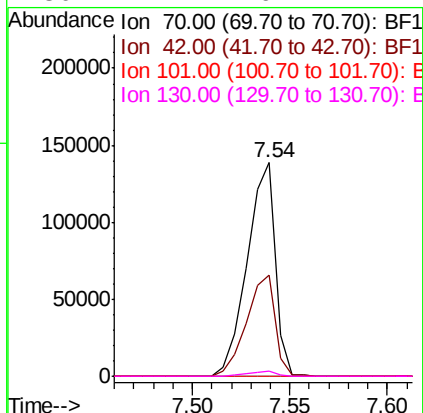
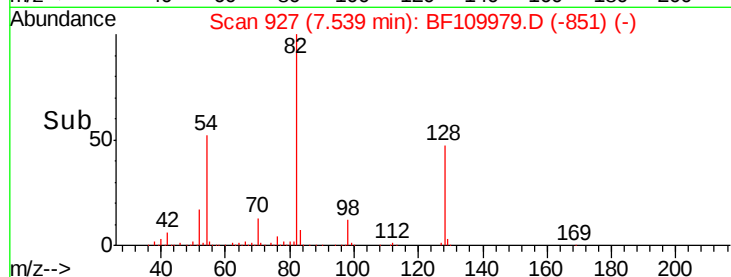
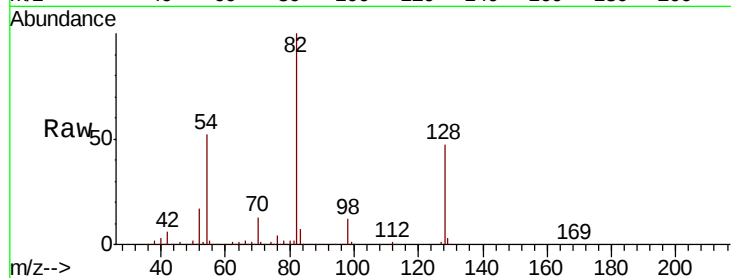




#19
n-Nitroso-di-n-propylamine
Concen: 12.354 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

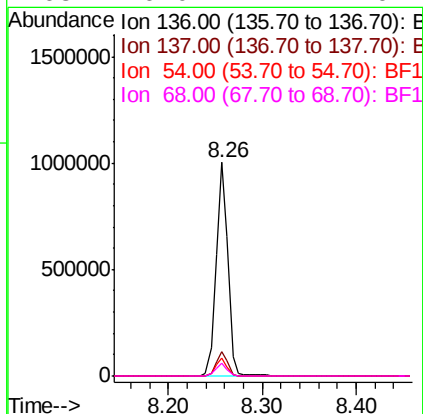
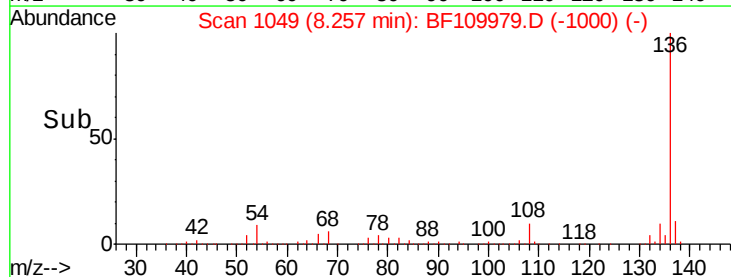
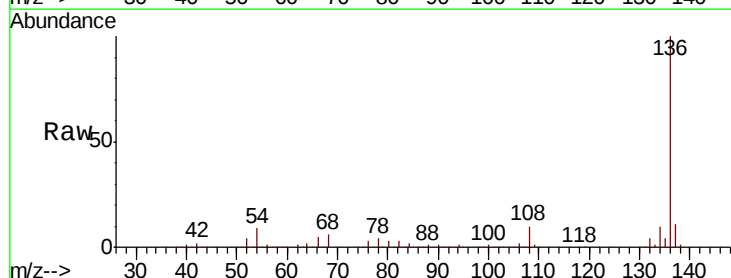
Instrument :
BNA_F
ClientSampleId :

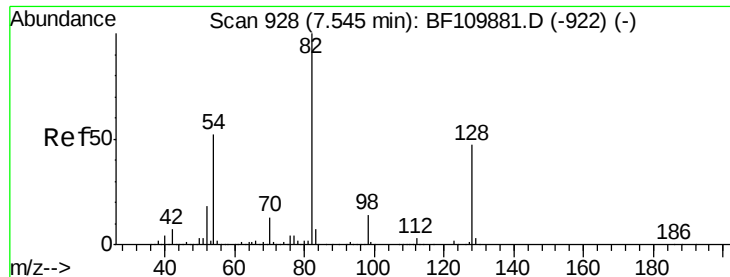
Tot Ion: 70 Resp: 138236
Ion Ratio Lower Upper
70 100
42 47.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Tgt Ion:136 Resp: 885132
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.5 5.4 8.2#
68 6.0 4.2 6.2



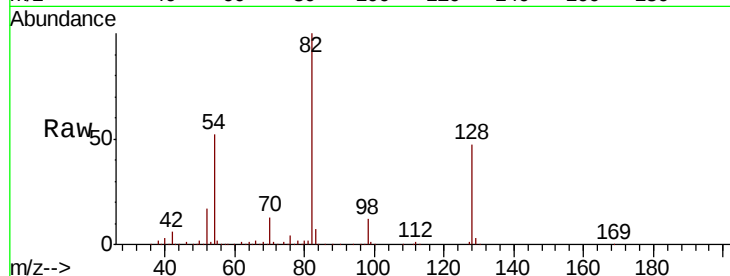


#23
 Nitrobenzene-d5
 Concen: 78.316 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109979.D
 Acq: 19 Oct 2018 00:35

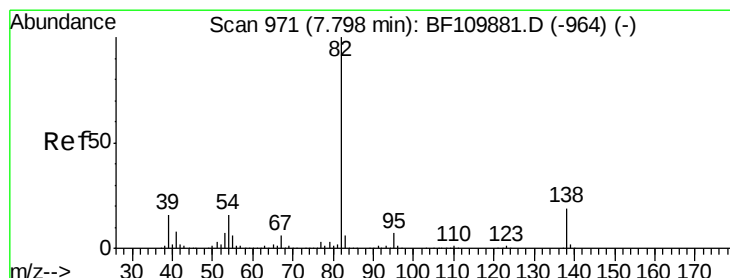
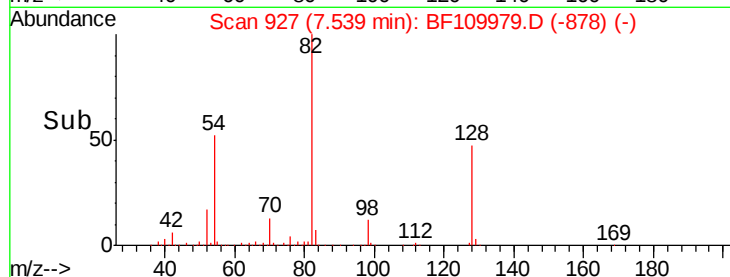
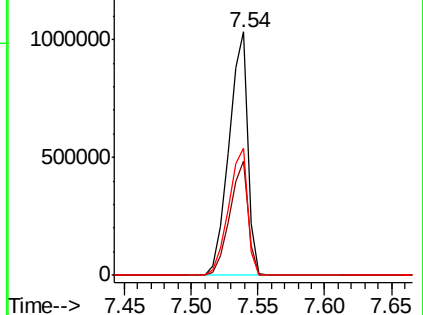
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1029034

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.2	51.2
54	52.3	38.6	58.0



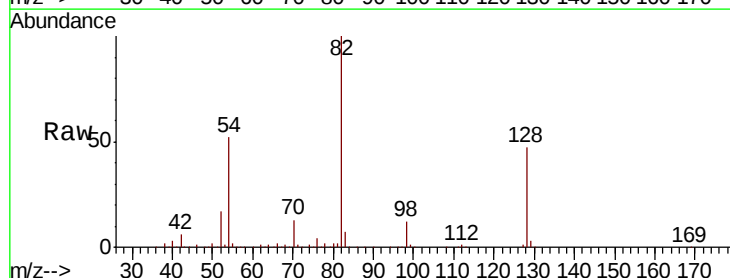
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



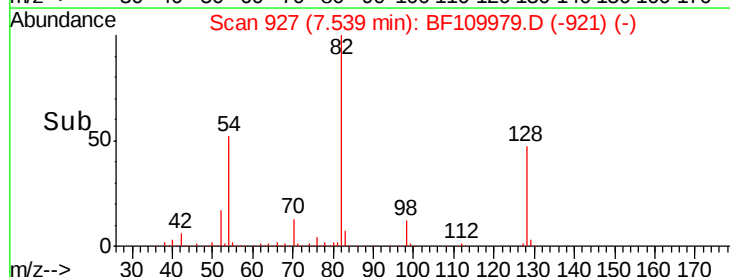
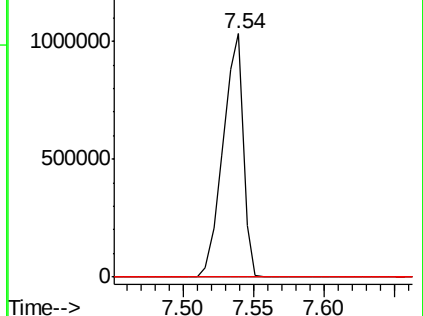
#25
 Isophorone
 Concen: 39.857 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.26 min
 Lab File: BF109979.D
 Acq: 19 Oct 2018 00:35

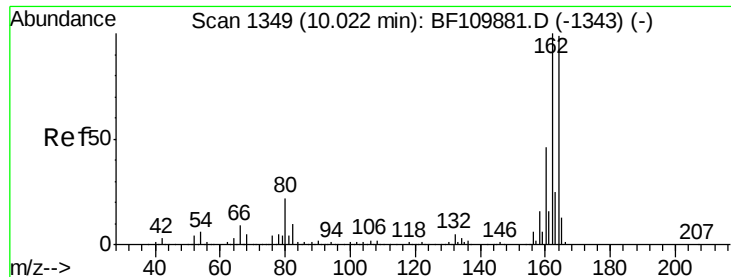
Tgt Ion: 82 Resp: 1029025

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

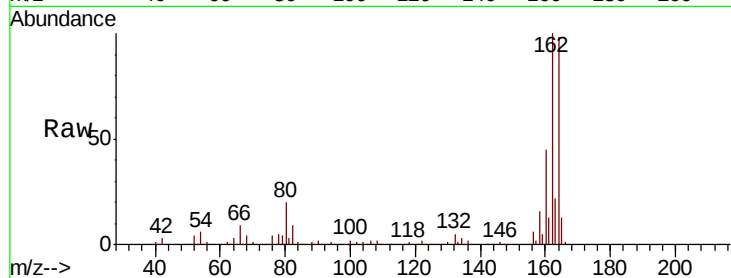




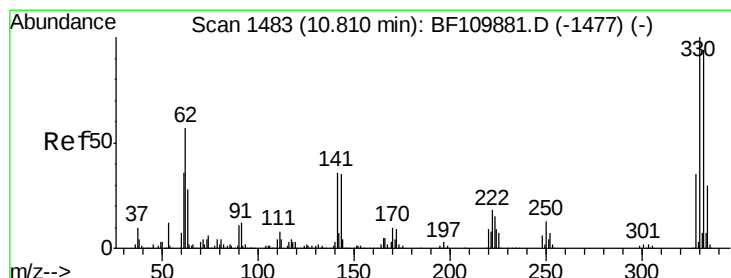
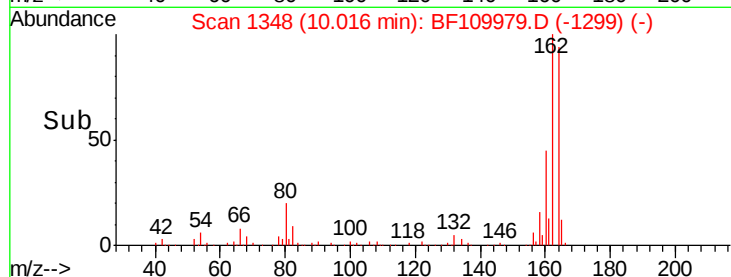
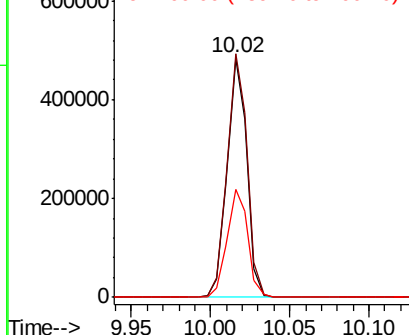
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 414847
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.6
160 45.5 37.0 55.6

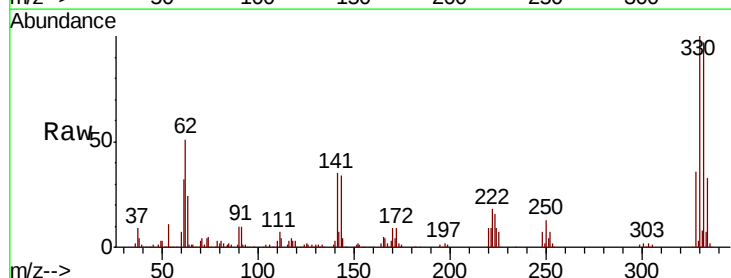


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

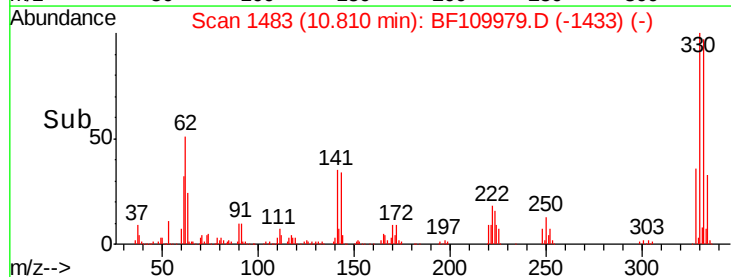
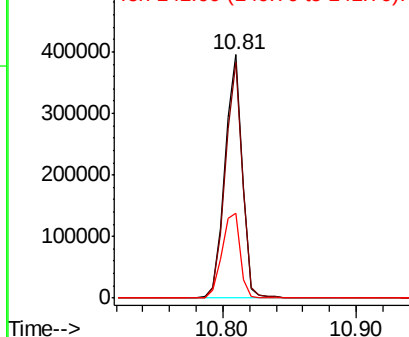


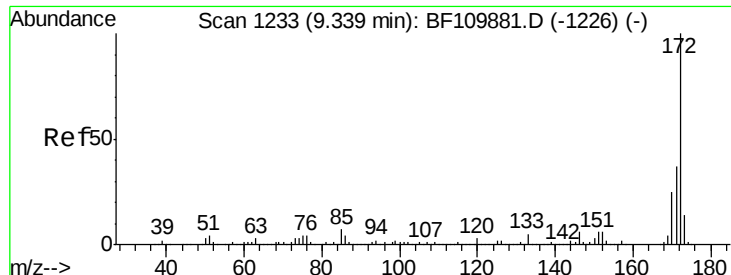
#42
2,4,6-Tribromophenol
Concen: 101.478 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Tgt Ion:330 Resp: 364473
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.2 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

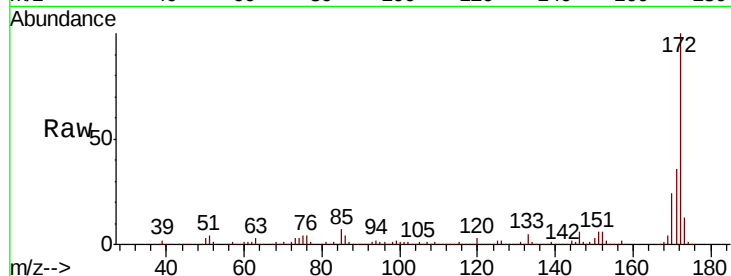




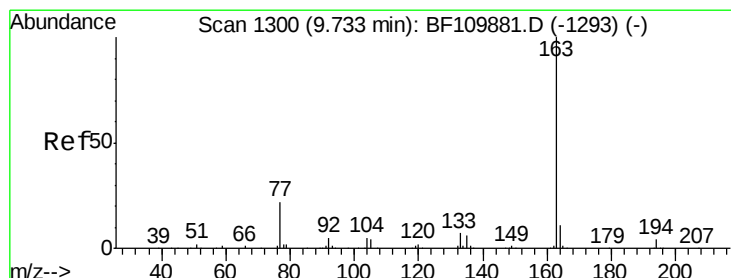
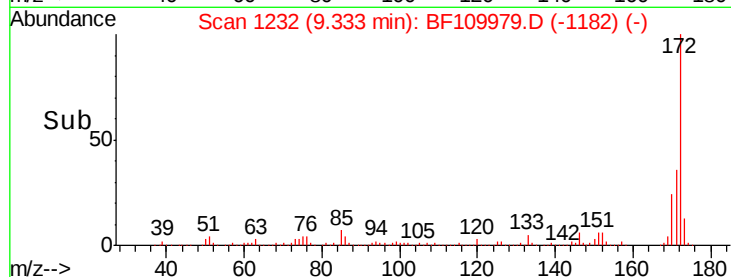
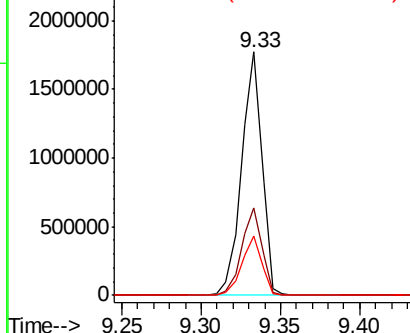
#45
2-Fluorobiphenyl
Concen: 60.518 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1573373
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.4 19.7 29.5

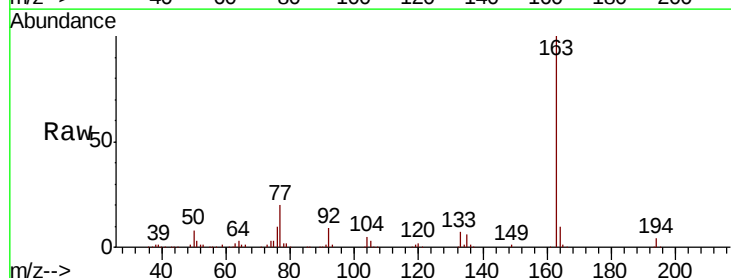


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

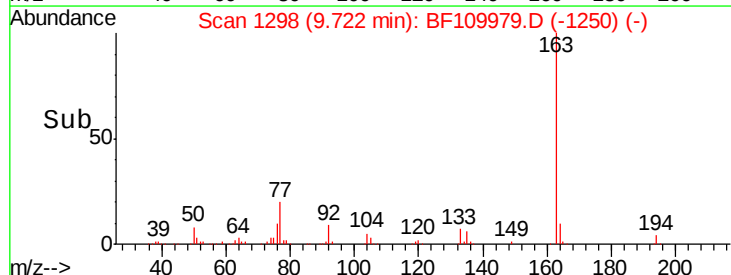
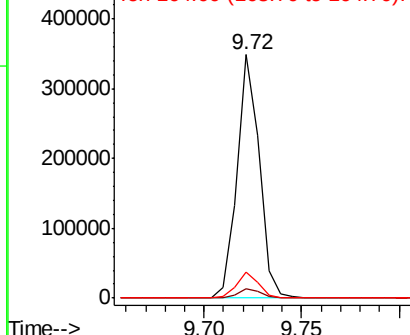


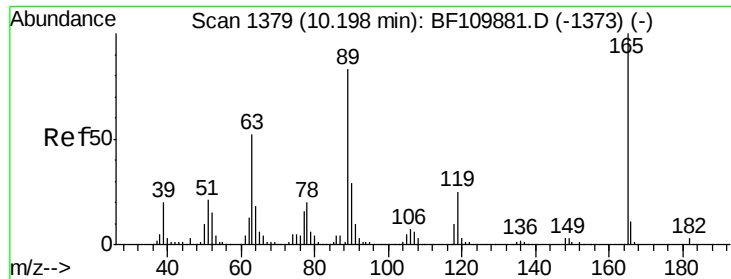
#50
Dimethylphthalate
Concen: 9.394 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Tgt Ion:163 Resp: 275952
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 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

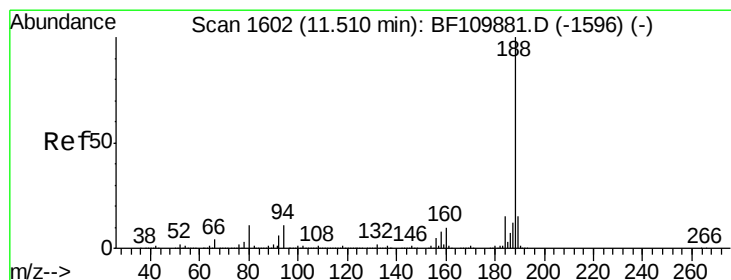
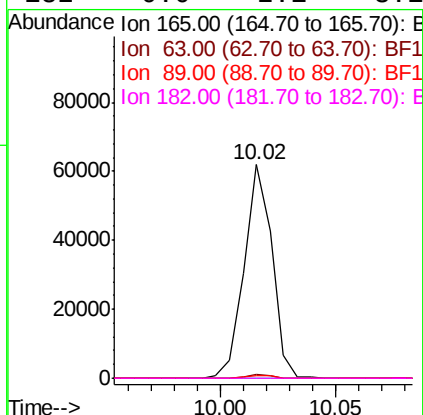
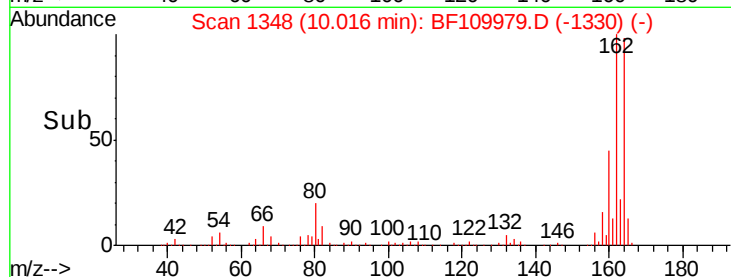
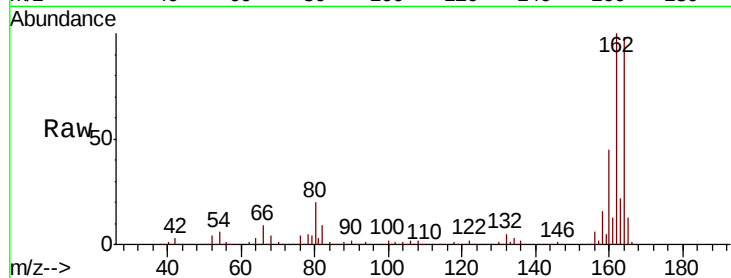




#57
 2,4-Dinitrotoluene
 Concen: 11.302 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109979.D
 Acq: 19 Oct 2018 00:35

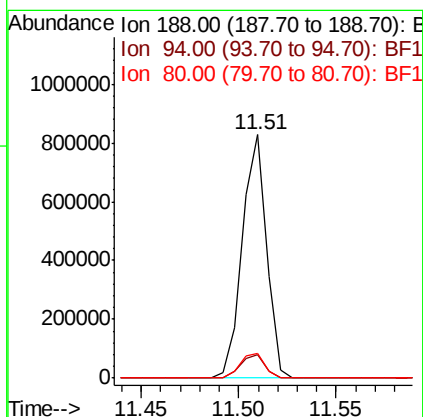
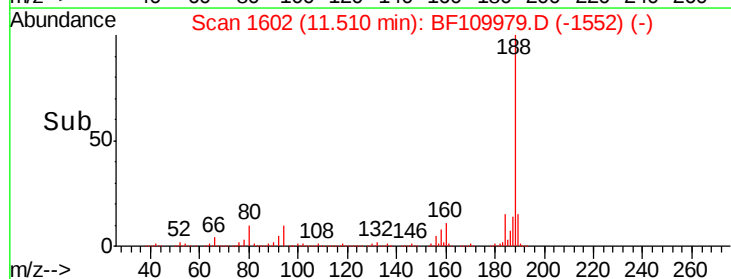
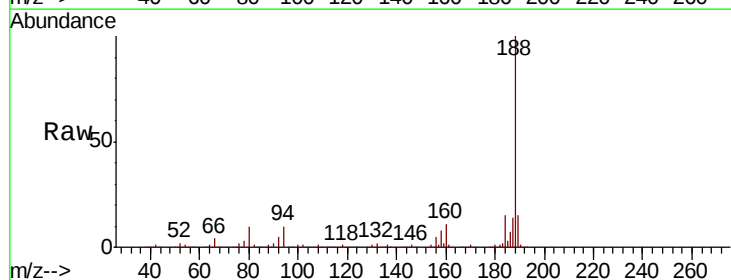
Instrument :
 BNA_F
 ClientSampleId :

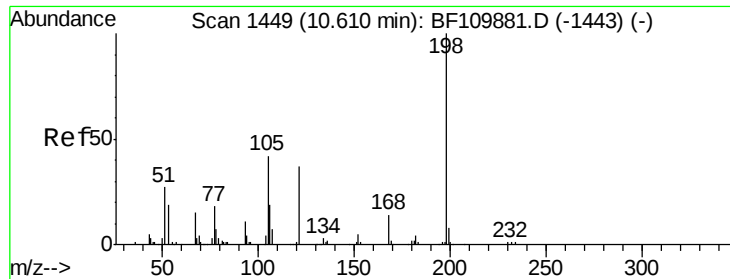
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF109979.D
 Acq: 19 Oct 2018 00:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.3	7.9	11.9

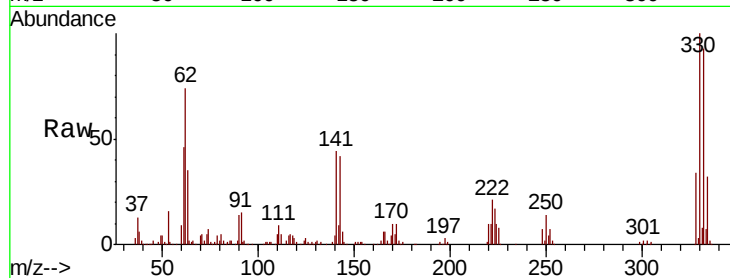




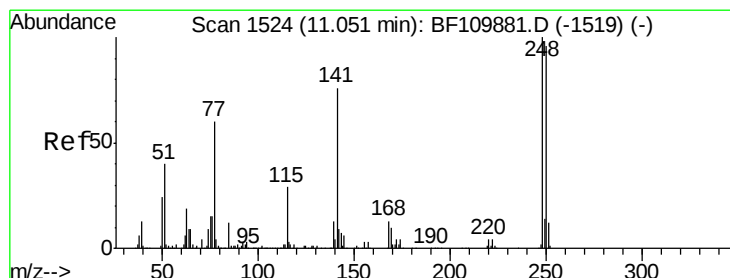
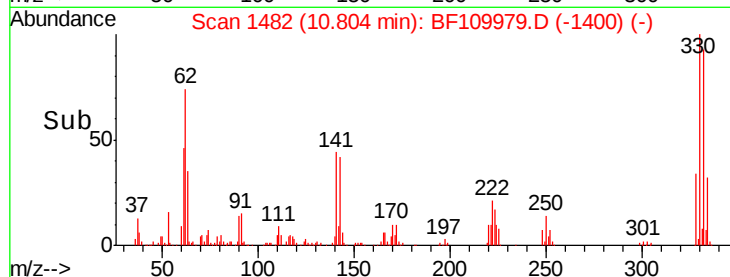
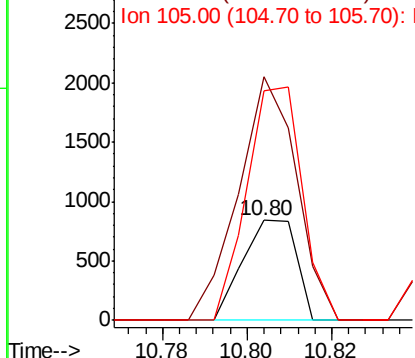
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.145 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.18 min
 Lab File: BF109979.D
 Acq: 19 Oct 2018 00:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 744
 Ion Ratio Lower Upper
 198 100
 51 244.3 22.8 62.8#
 105 229.9 23.6 63.6#

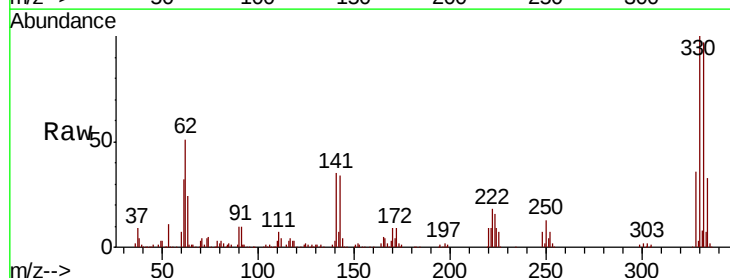


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

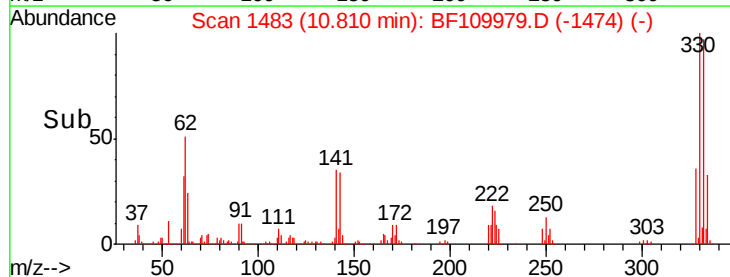
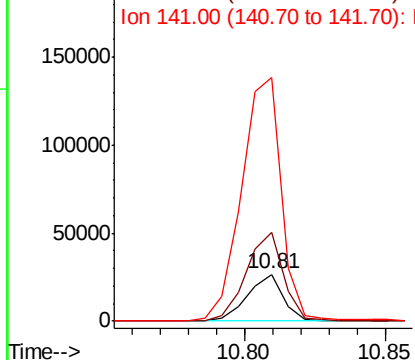


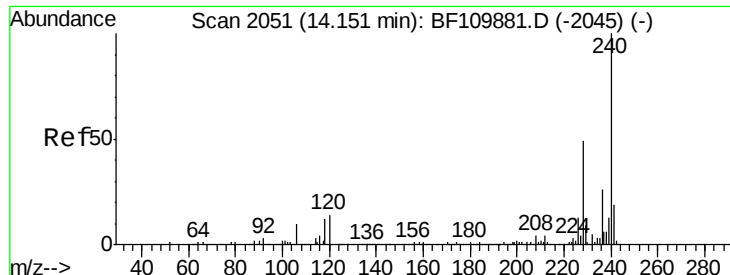
#67
 4-Bromophenyl-phenylether
 Concen: 2.967 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109979.D
 Acq: 19 Oct 2018 00:35

Tgt Ion:248 Resp: 22977
 Ion Ratio Lower Upper
 248 100
 250 189.7 79.4 119.2#
 141 523.1 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

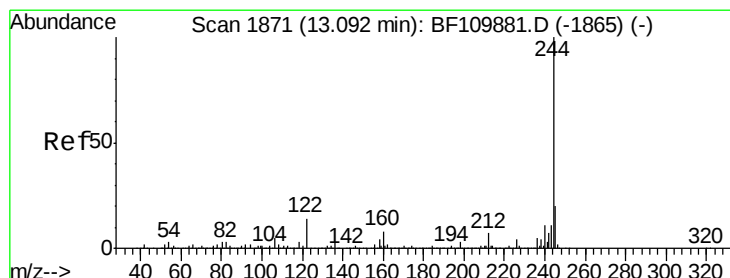
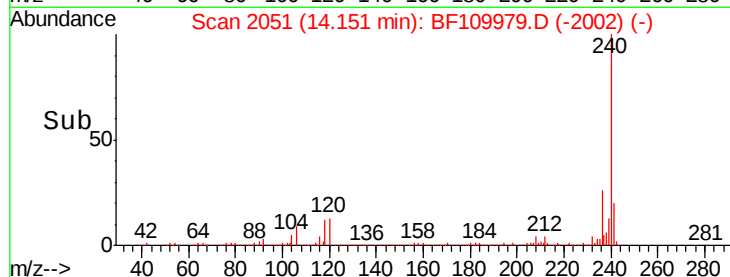
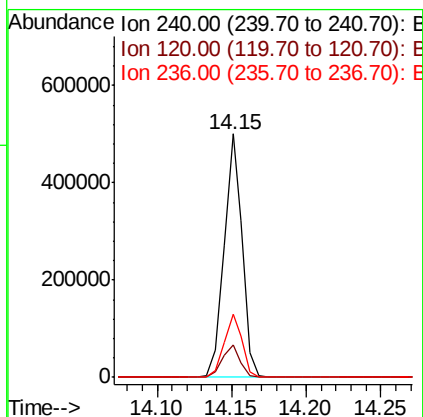
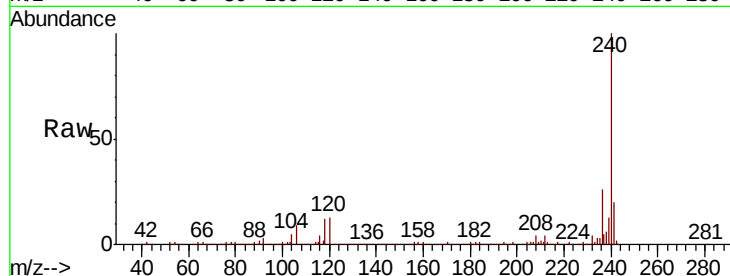




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

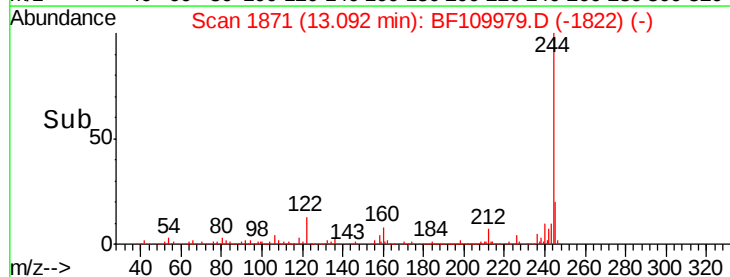
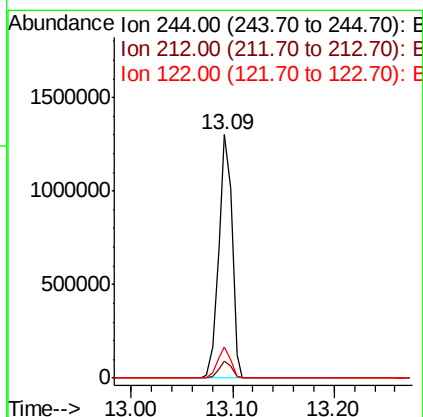
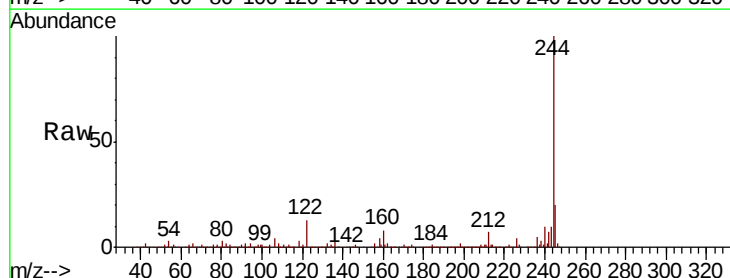
Instrument :
BNA_F
ClientSampleId :

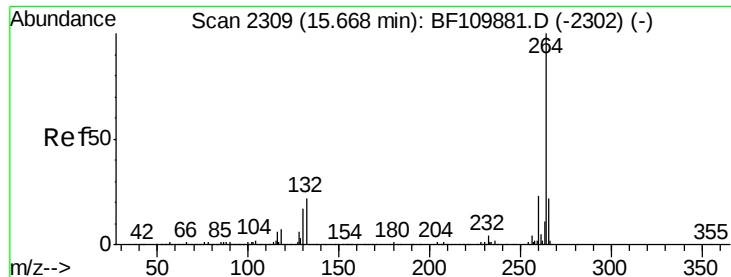
Tot Ion:240 Resp: 428265
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 25.7 21.2 31.8



#79
Terphenyl-d14
Concen: 58.024 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Tgt Ion:244 Resp: 1183352
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 13.0 8.7 13.1



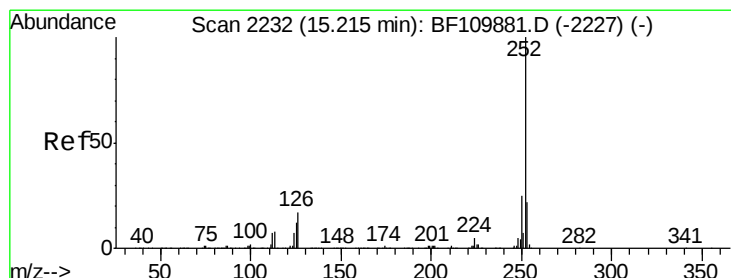
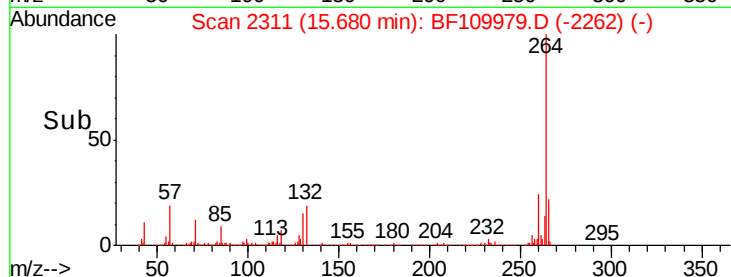
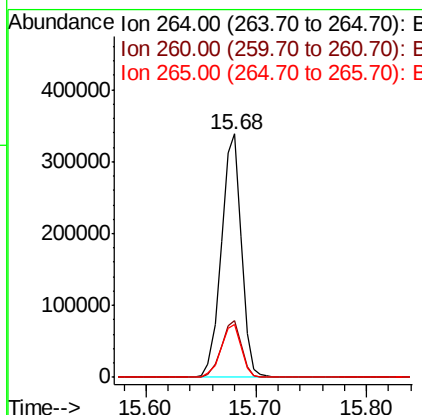
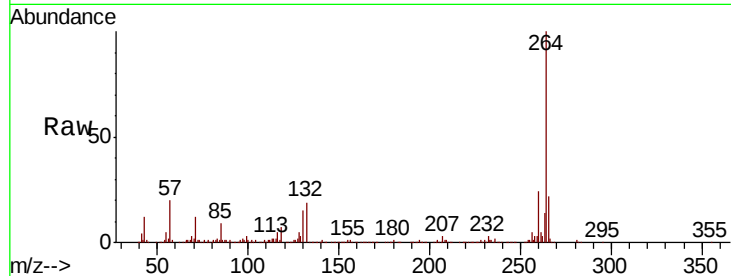


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 428345

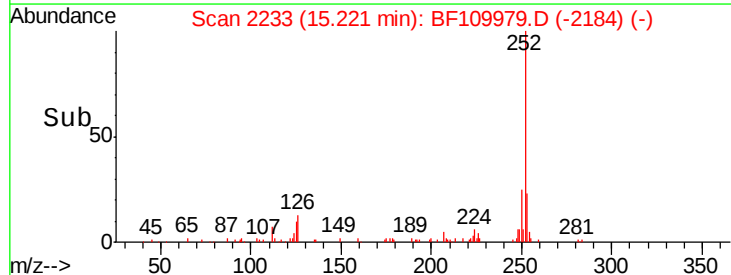
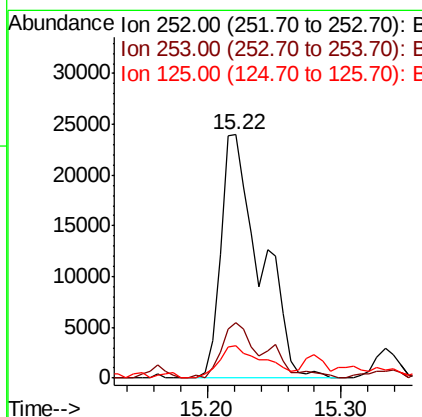
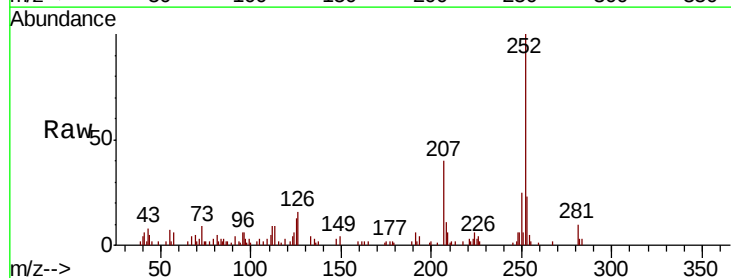
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	16.7	25.1

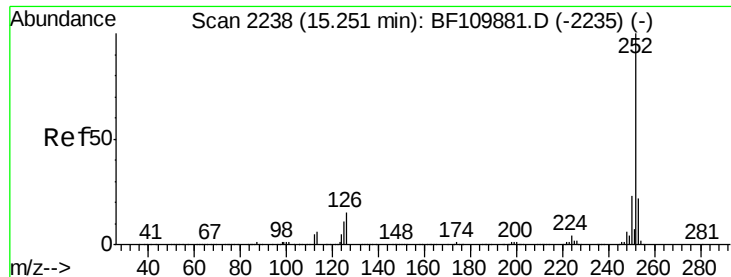


#88
Benzo(b)fluoranthene
Concen: 2.018 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Tgt Ion:252 Resp: 49828

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	13.4	8.2	12.4#

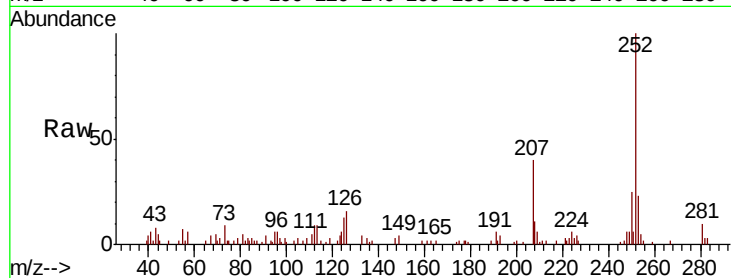




#89
Benzo(k)fluoranthene
Concen: 2.047 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF109979.D
Acq: 19 Oct 2018 00:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	13.4	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

