

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109934.D
 Acq On : 17 Oct 2018 21:42
 Operator : JU/SJ
 Sample : J5539-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:42:02 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

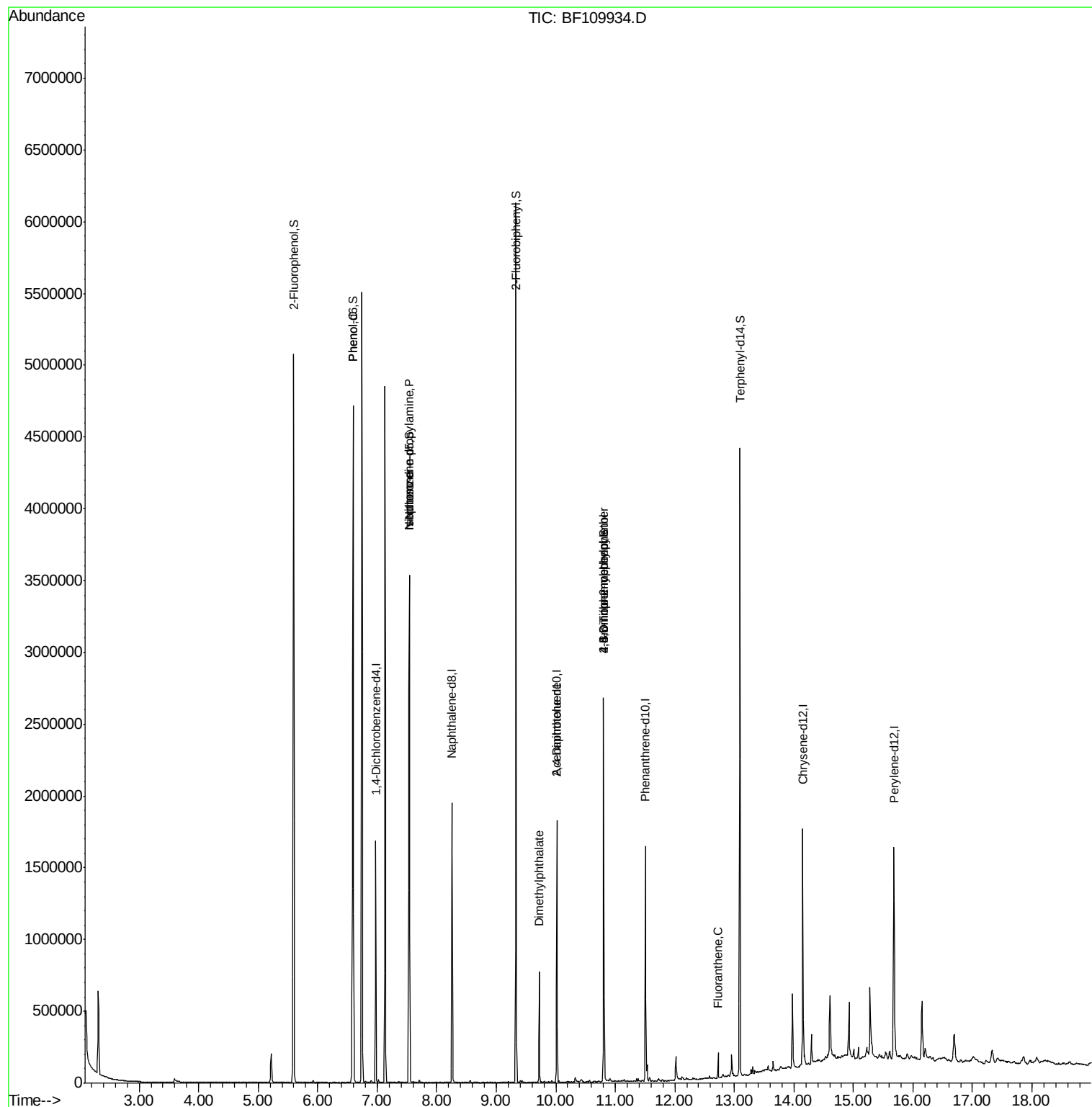
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	231938	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	845399	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	344603	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	539664	20.00	ng	0.00
76) Chrysene-d12	14.15	240	525367	20.00	ng	-0.01
87) Perylene-d12	15.68	264	518055	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1438683	98.32	ng	0.00
7) Phenol-d6	6.60	99	1814892	99.89	ng	0.00
23) Nitrobenzene-d5	7.54	82	1076674	85.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	324335	108.71	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1806743	83.66	ng	0.00
79) Terphenyl-d14	13.09	244	1456141	58.20	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	106873	5.448	ng	# 67
19) n-Nitroso-di-n-propylamine	7.54	70	143291	12.283	ng	# 79
25) Isophorone	7.54	82	1076658	43.662	ng	# 67
50) Dimethylphthalate	9.72	163	261289	10.708	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	43677	11.331	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	634	8.175	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	20957	3.583	ng	# 1
75) Fluoranthene	12.73	202	60944	2.184	ng	98

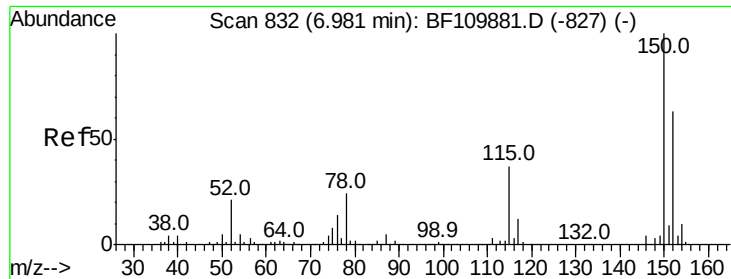
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 10:42:02 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



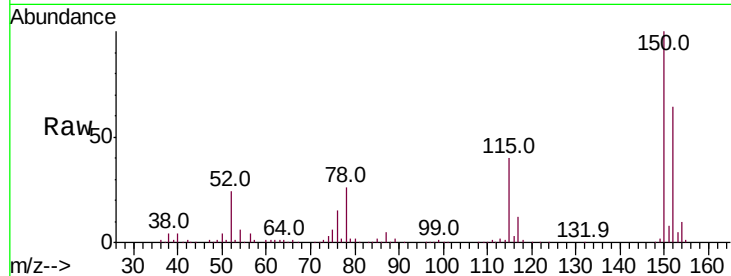


#1

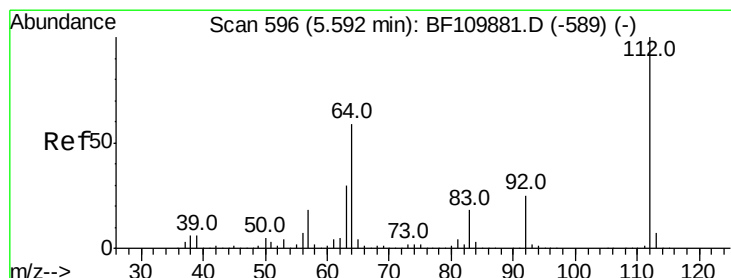
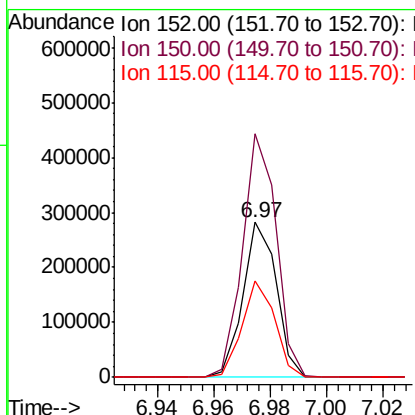
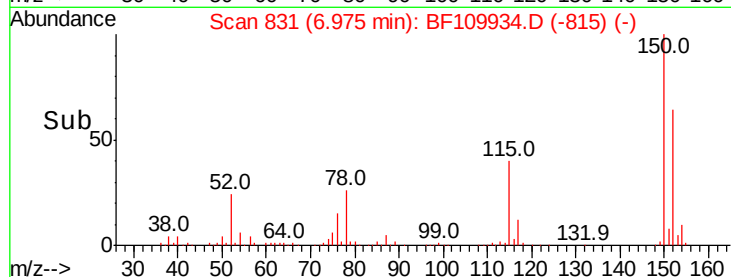
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109934.D
 Acq: 17 Oct 2018 21:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 231938
 Ion Ratio Lower Upper
 152 100
 150 157.0 122.7 184.1
 115 62.4 49.1 73.7



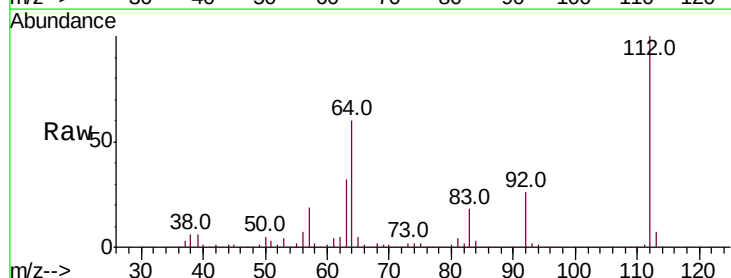
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



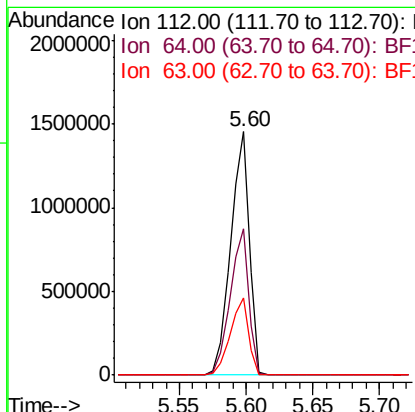
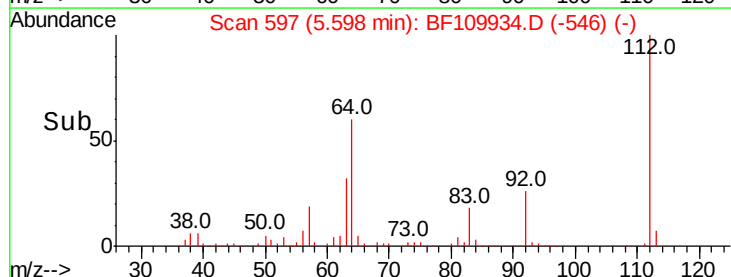
#5

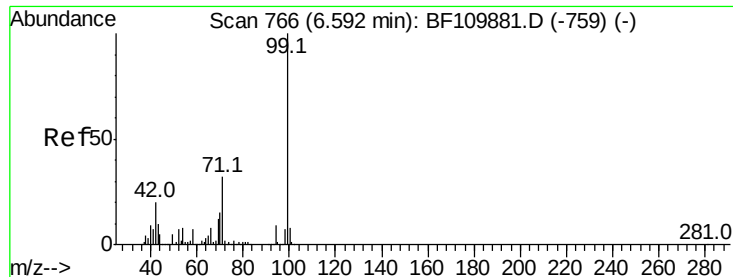
2-Fluorophenol
 Concen: 98.324 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF109934.D
 Acq: 17 Oct 2018 21:42

Tgt Ion:112 Resp: 1438683
 Ion Ratio Lower Upper
 112 100
 64 60.1 44.1 66.1
 63 31.5 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: 99.889 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109934.D

Acq: 17 Oct 2018 21:42

Instrument :

BNA_F

ClientSampleId :

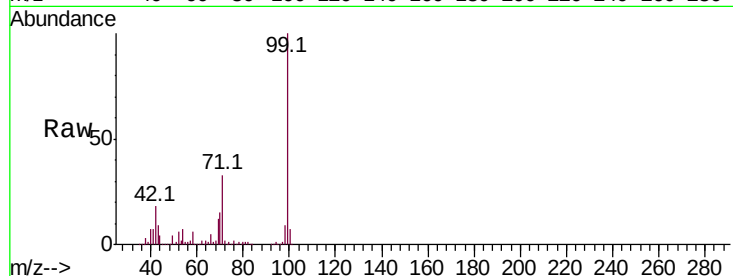
Tot Ion: 99 Resp: 1814892

Ion Ratio Lower Upper

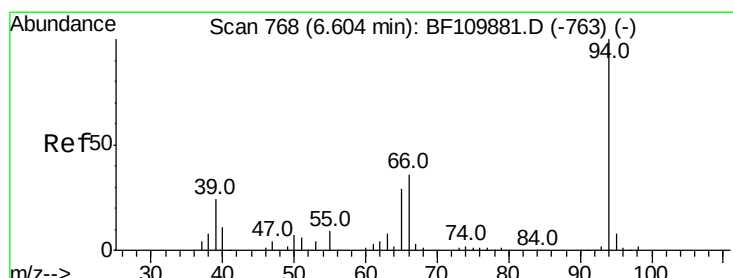
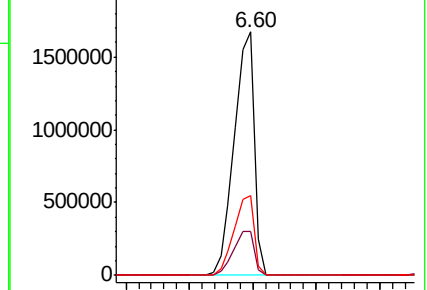
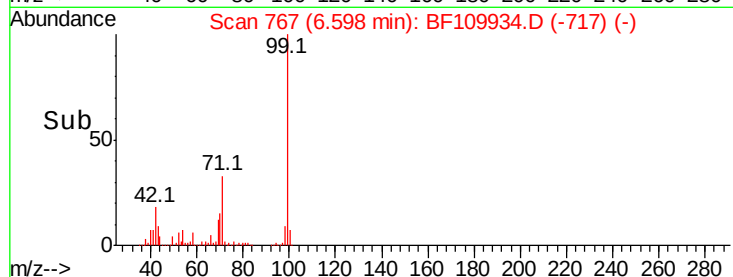
99 100

42 18.0 15.8 23.6

71 32.6 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: 5.448 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109934.D

Acq: 17 Oct 2018 21:42

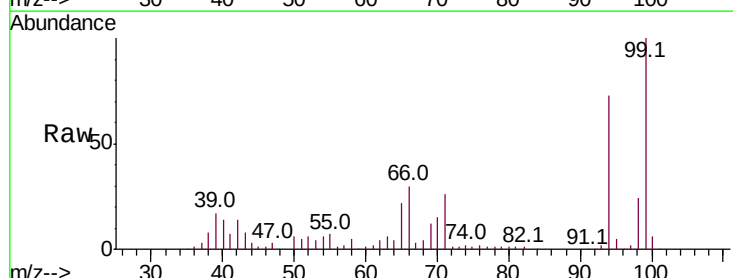
Tgt Ion: 94 Resp: 106873

Ion Ratio Lower Upper

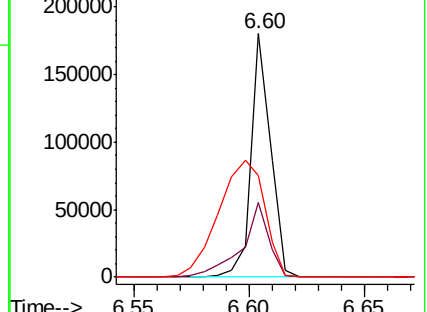
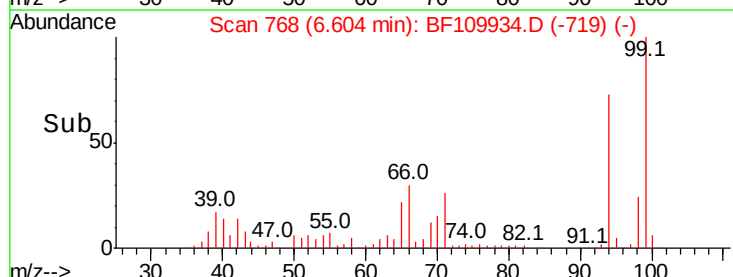
94 100

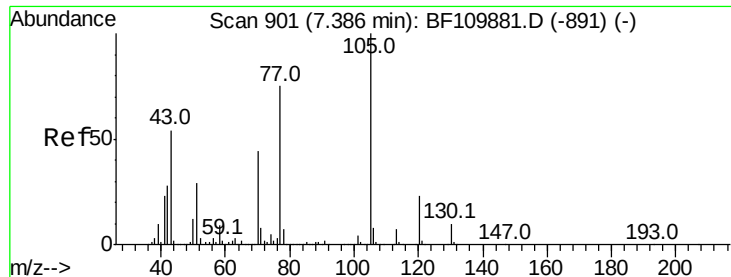
65 30.5 25.3 65.3

66 41.6 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

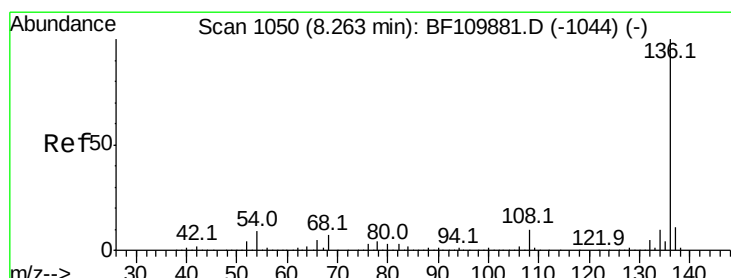
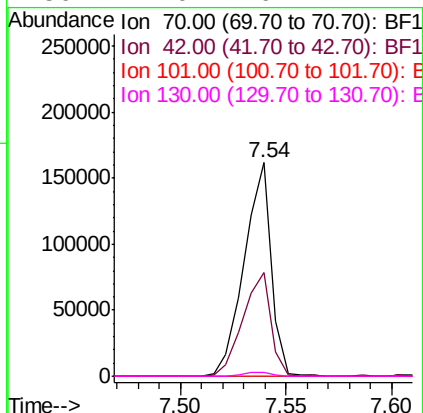
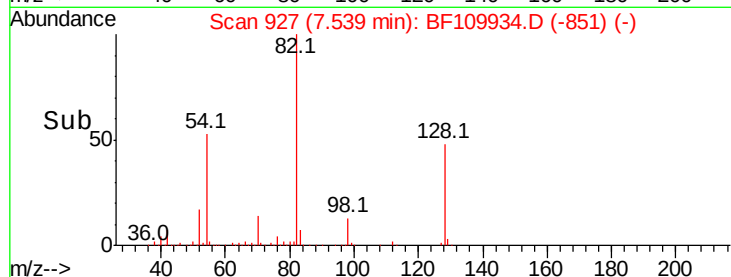
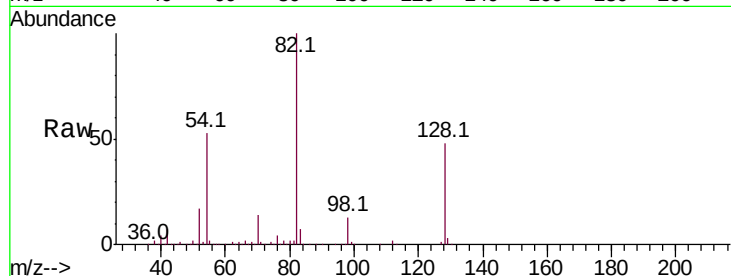




#19
n-Nitroso-di-n-propylamine
Concen: 12.283 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

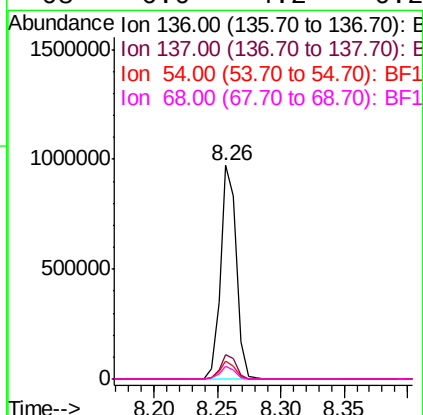
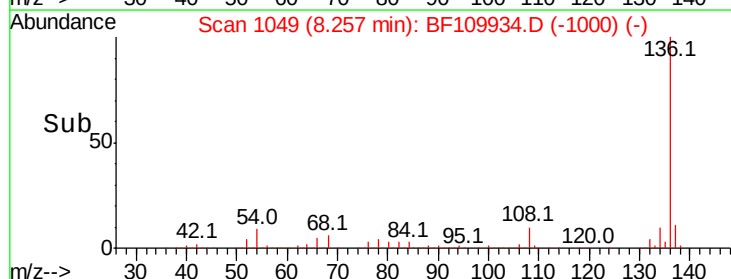
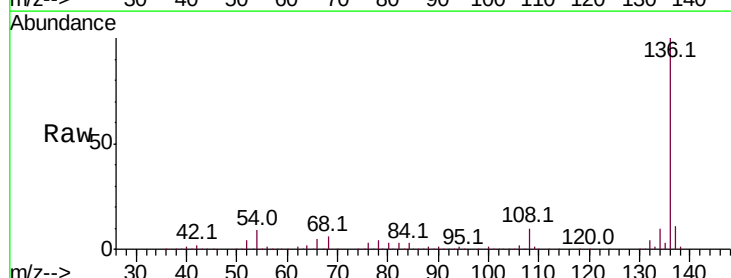
Instrument :
BNA_F
ClientSampleId :

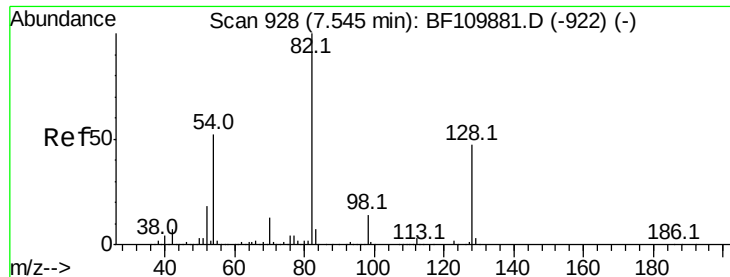
Tot Ion: 70 Resp: 143291
Ion Ratio Lower Upper
70 100
42 48.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Tgt Ion: 136 Resp: 845399
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.6 5.4 8.2#
68 6.0 4.2 6.2

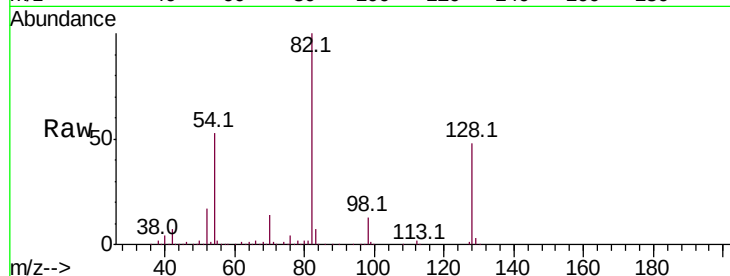




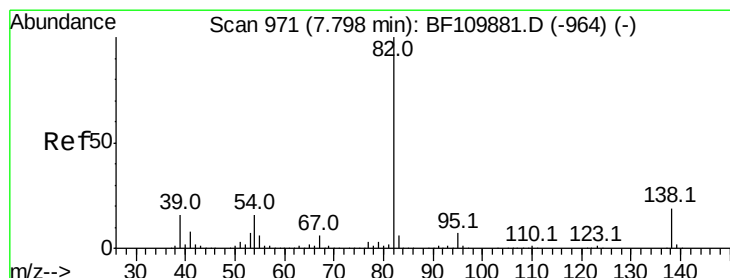
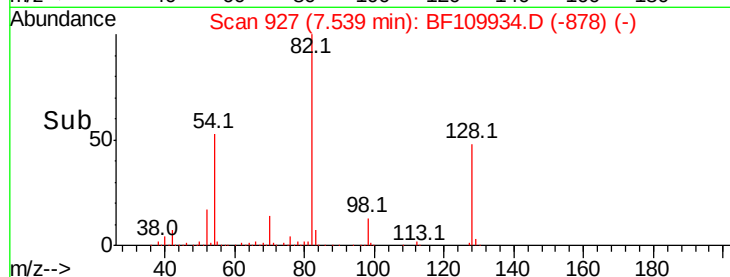
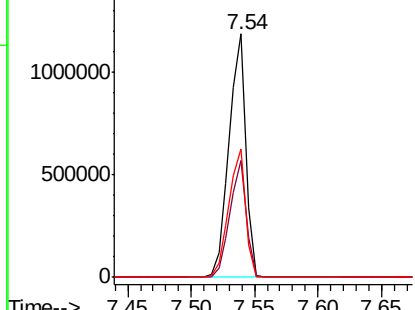
#23
Nitrobenzene-d5
Concen: 85.793 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1076674
Ion Ratio Lower Upper
82 100
128 47.8 34.2 51.2
54 52.6 38.6 58.0

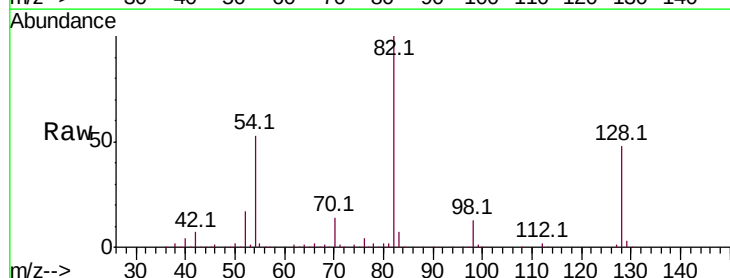


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

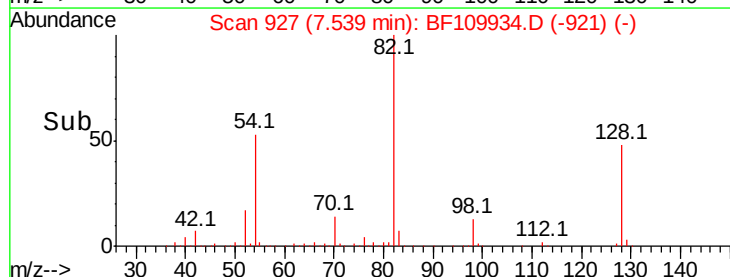
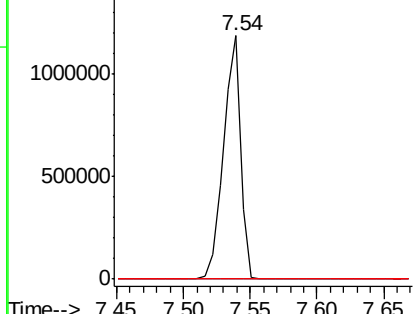


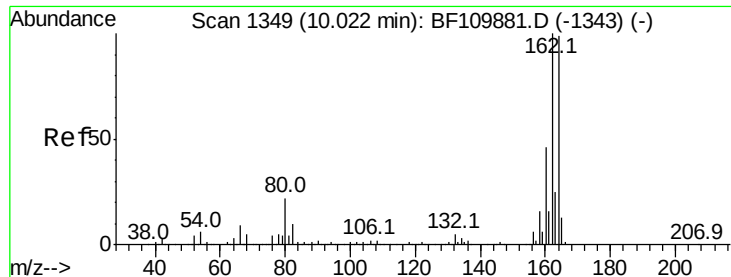
#25
Isophorone
Concen: 43.662 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.27 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Tgt Ion: 82 Resp: 1076658
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

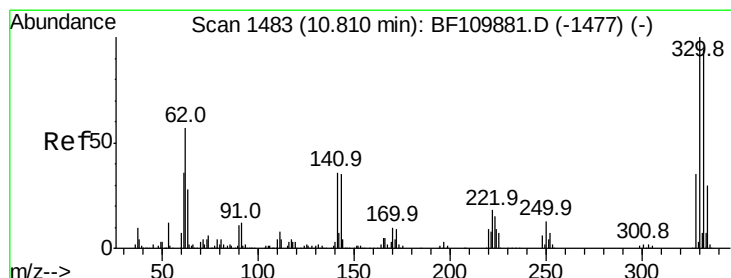
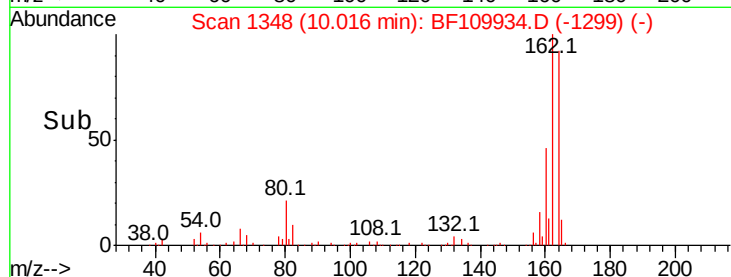
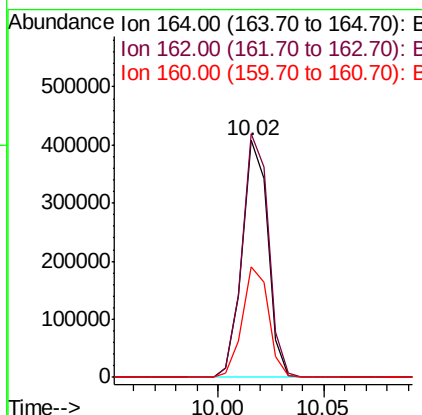
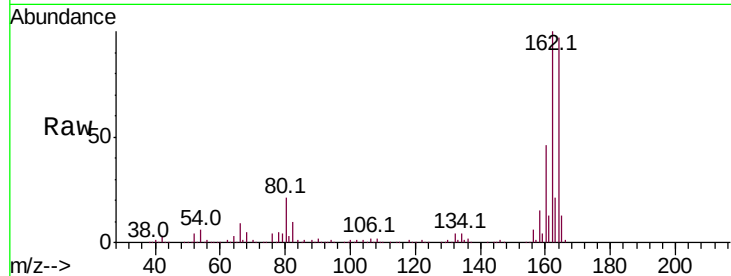




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109934.D
 Acq: 17 Oct 2018 21:42

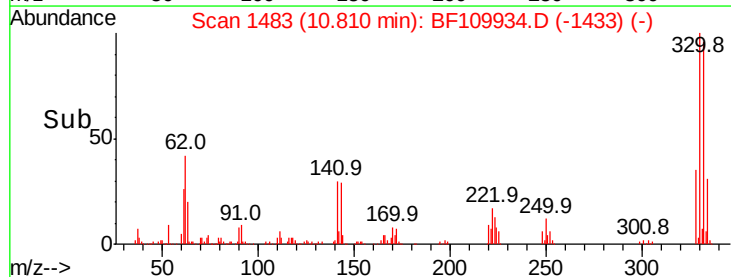
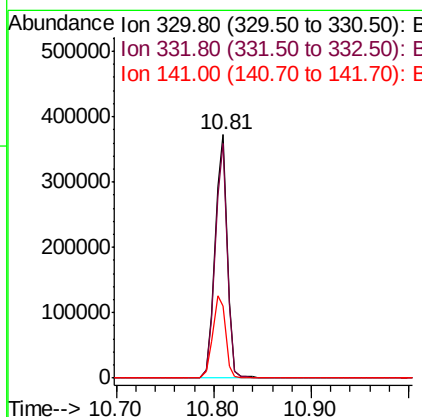
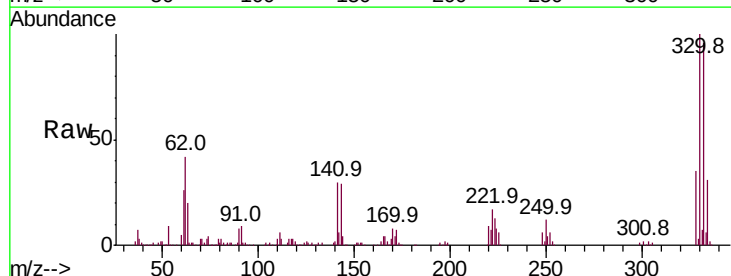
Instrument :
 BNA_F
 ClientSampleId :

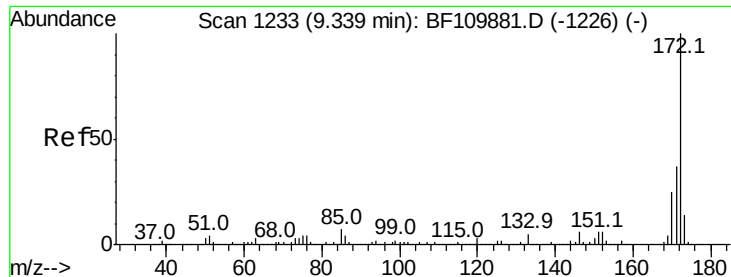
Tot Ion:164 Resp: 344603
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.0 124.6
 160 46.9 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 108.710 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109934.D
 Acq: 17 Oct 2018 21:42

Tgt Ion:330 Resp: 324335
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 35.4 27.0 40.4



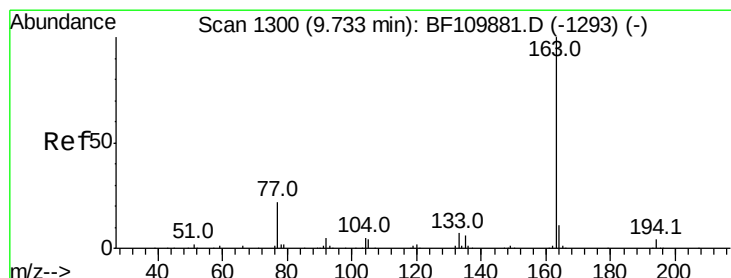
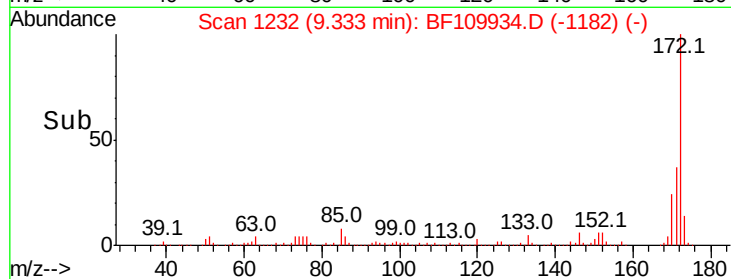
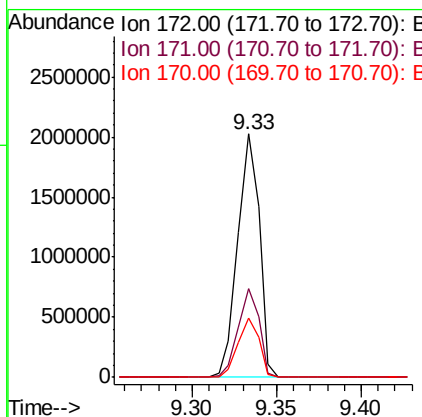
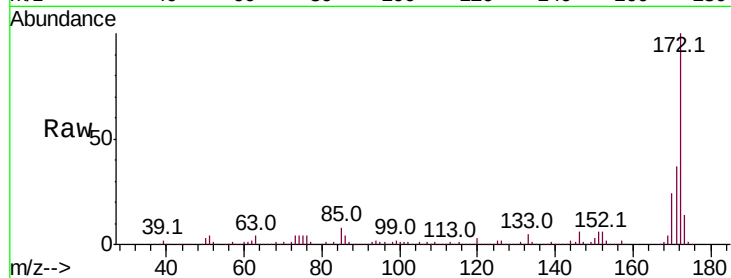


#45
 2-Fluorobiphenyl
 Concen: 83.660 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109934.D
 Acq: 17 Oct 2018 21:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1806743

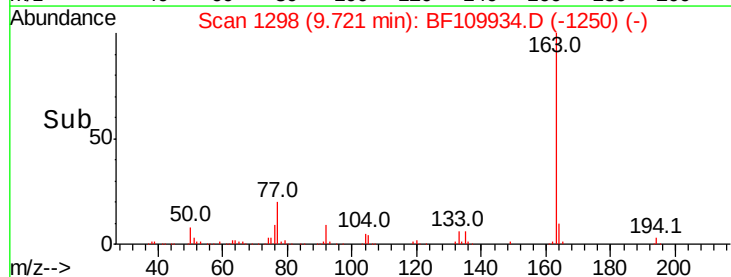
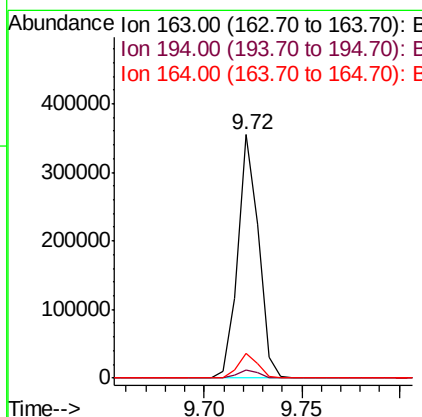
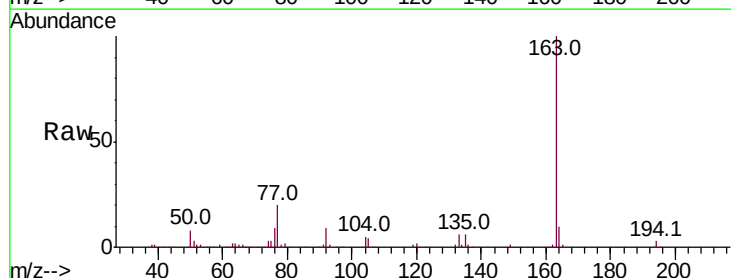
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.3	19.7	29.5

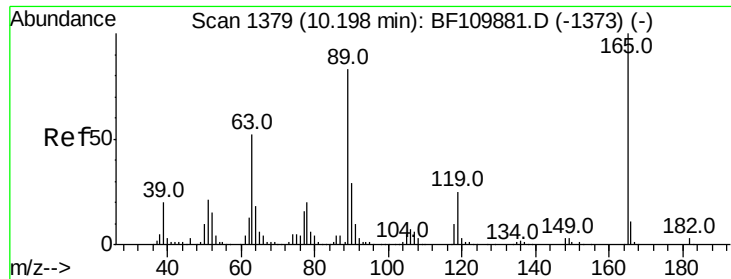


#50
 Dimethylphthalate
 Concen: 10.708 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF109934.D
 Acq: 17 Oct 2018 21:42

Tgt Ion:163 Resp: 261289

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.0	8.1	12.1

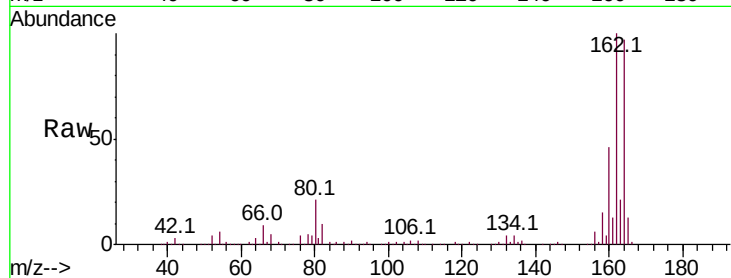




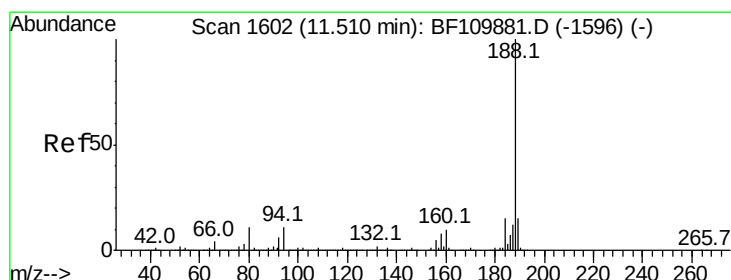
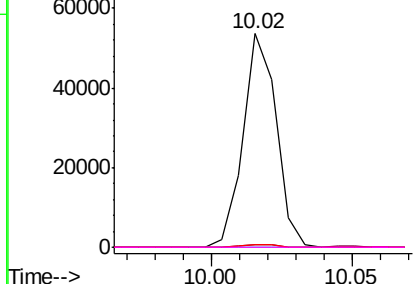
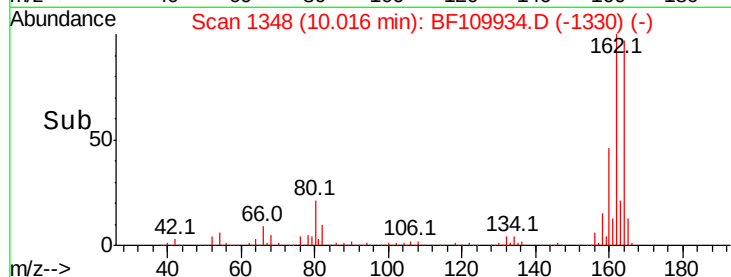
#57
2,4-Dinitrotoluene
Concen: 11.331 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 43677
Ion Ratio Lower Upper
165 100
63 1.3 44.8 67.2#
89 1.1 62.2 93.4#
182 0.0 2.1 3.1#

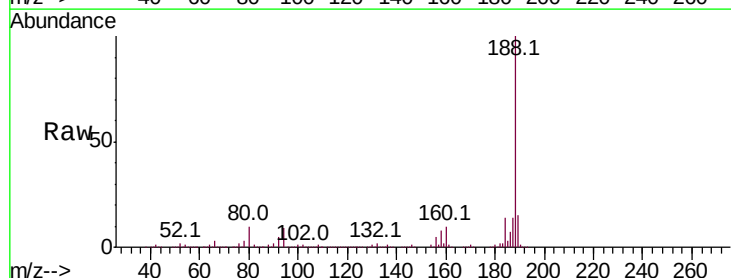


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

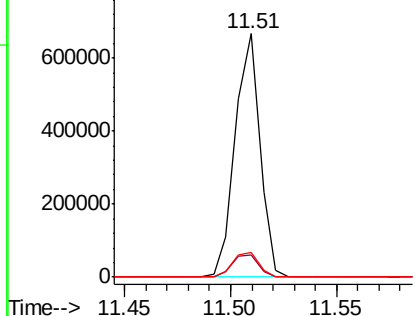
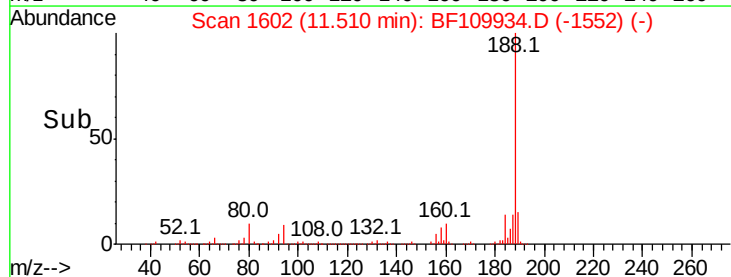


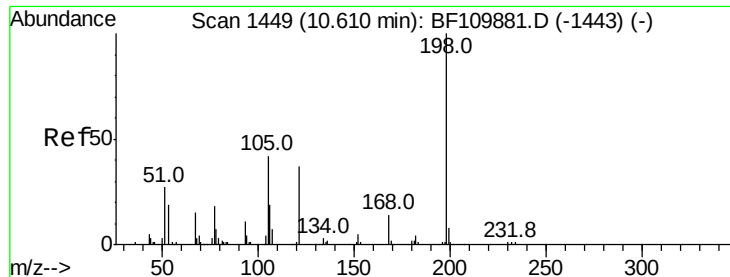
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Tgt Ion:188 Resp: 539664
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.9 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

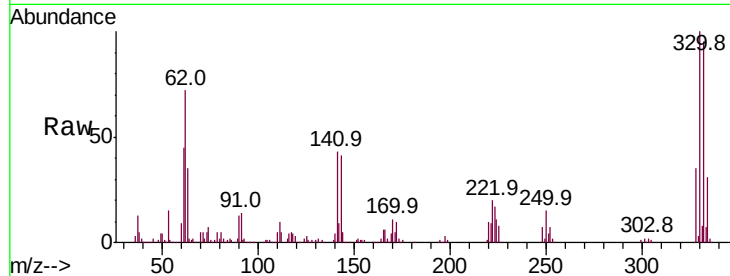




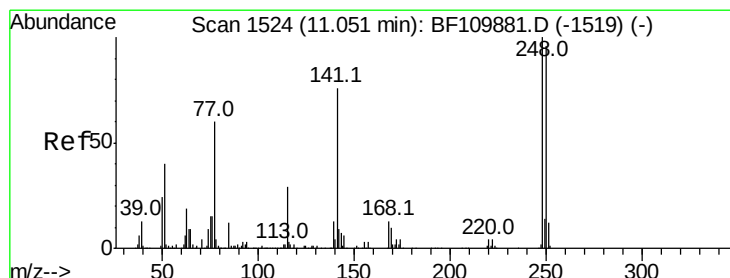
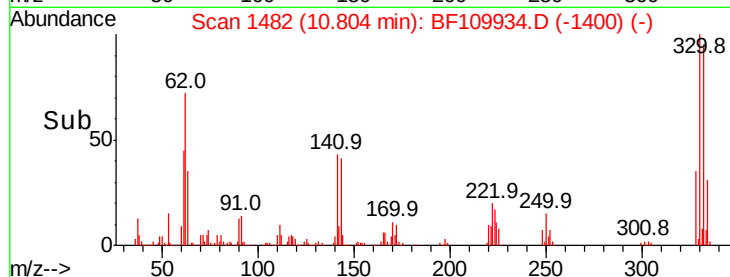
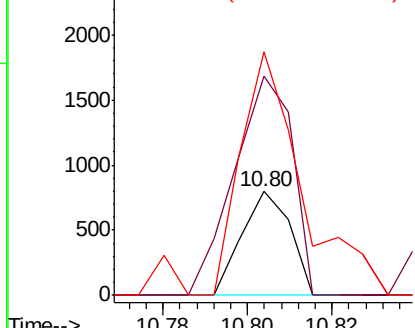
#65
4,6-Dinitro-2-methylphenol
Concen: 8.175 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 634
Ion Ratio Lower Upper
198 100
51 211.9 22.8 62.8#
105 234.9 23.6 63.6#

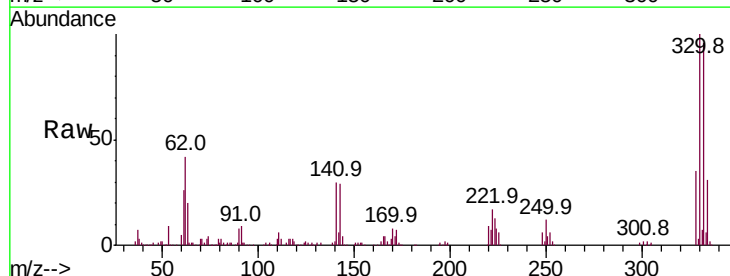


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

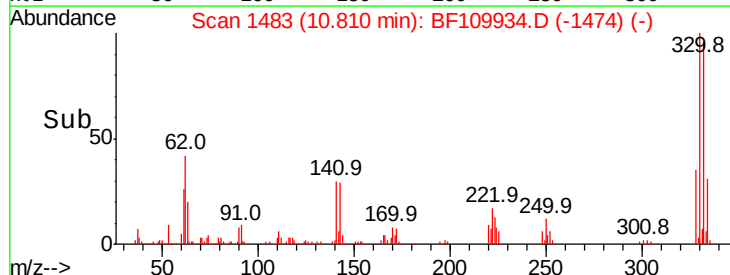
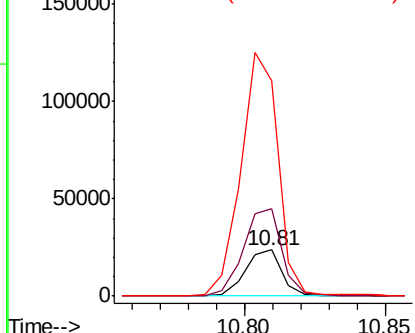


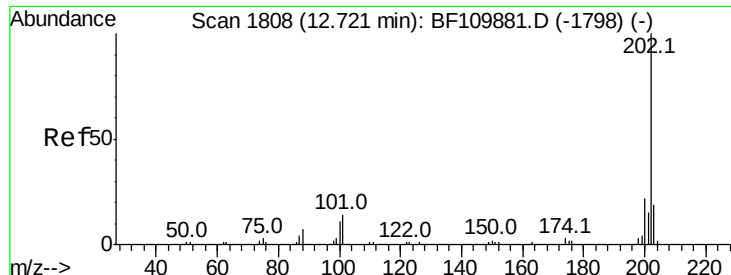
#67
4-Bromophenyl-phenylether
Concen: 3.583 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Tgt Ion:248 Resp: 20957
Ion Ratio Lower Upper
248 100
250 190.0 79.4 119.2#
141 464.3 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

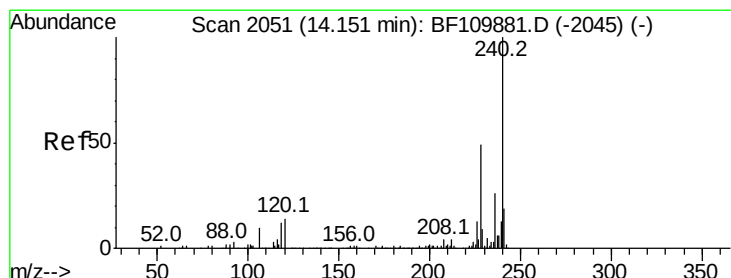
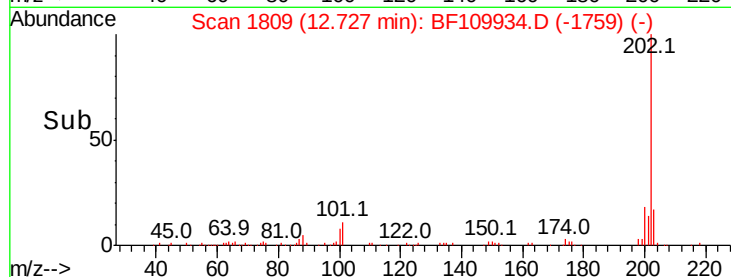
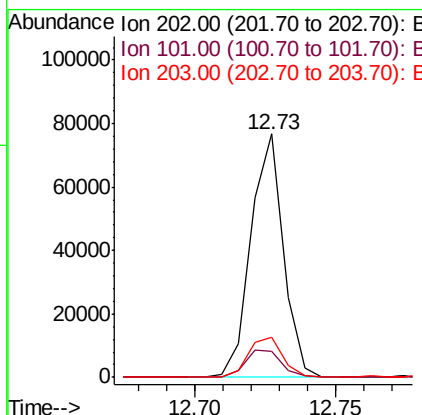
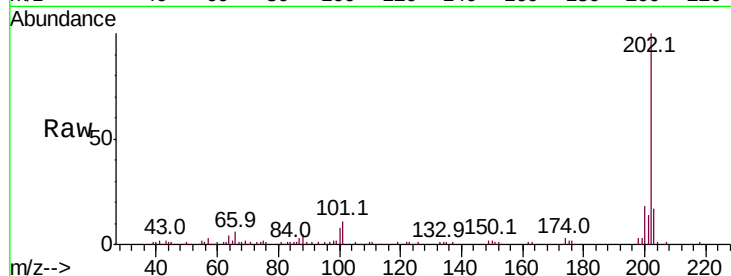




#75
 Fluoranthene
 Concen: 2.184 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF109934.D
 Acq: 17 Oct 2018 21:42

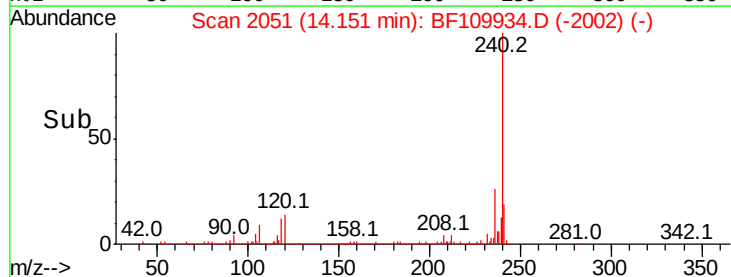
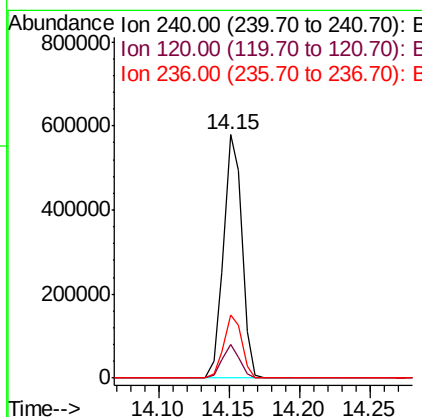
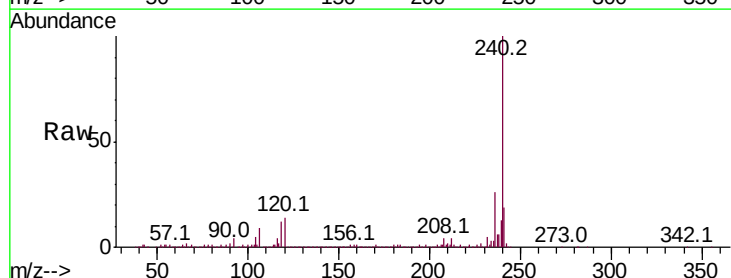
Instrument :
 BNA_F
 ClientSampleId :

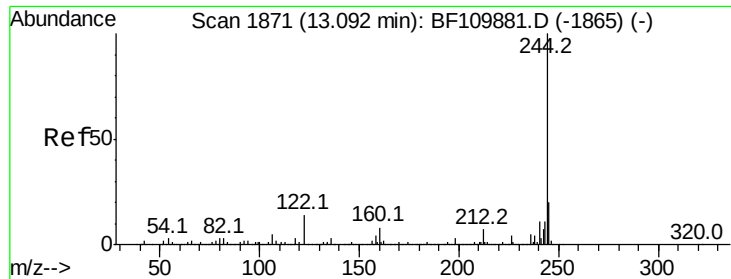
Tot Ion:202 Resp: 60944
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.4
 203 16.5 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF109934.D
 Acq: 17 Oct 2018 21:42

Tgt Ion:240 Resp: 525367
 Ion Ratio Lower Upper
 240 100
 120 14.0 8.3 12.5#
 236 25.7 21.2 31.8

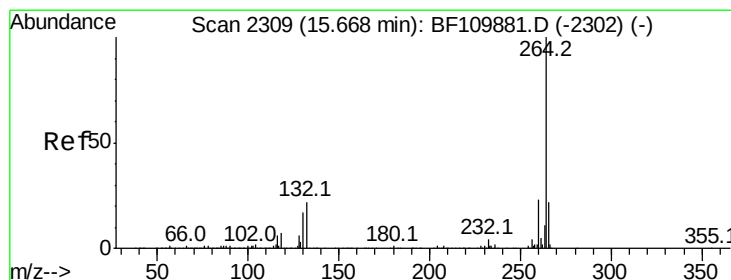
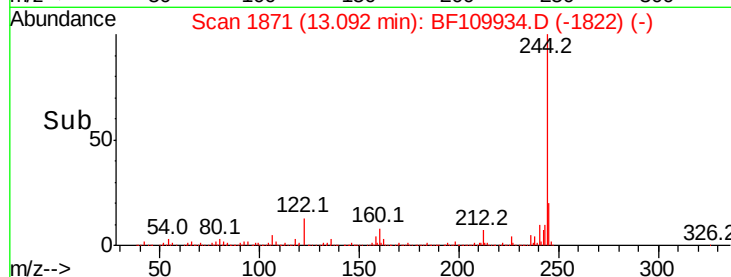
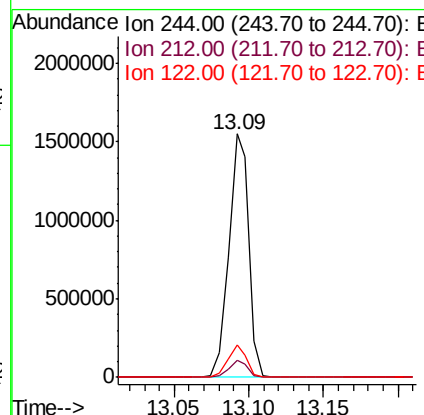
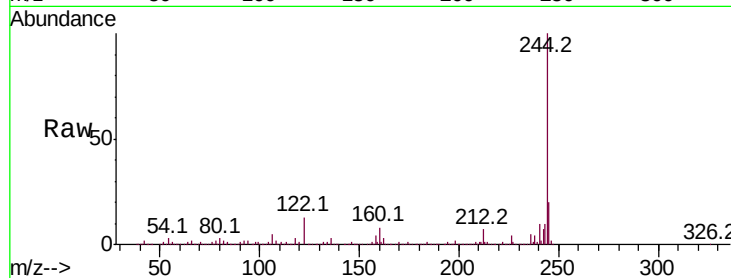




#79
 Terphenyl-d14
 Concen: 58.203 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109934.D
 Acq: 17 Oct 2018 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1456141
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 13.3 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109934.D
 Acq: 17 Oct 2018 21:42

Tgt Ion:264 Resp: 518055
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 21.0 16.7 25.1

