

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109935.D
 Acq On : 17 Oct 2018 22:08
 Operator : JU/SJ
 Sample : J5529-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:42:22 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

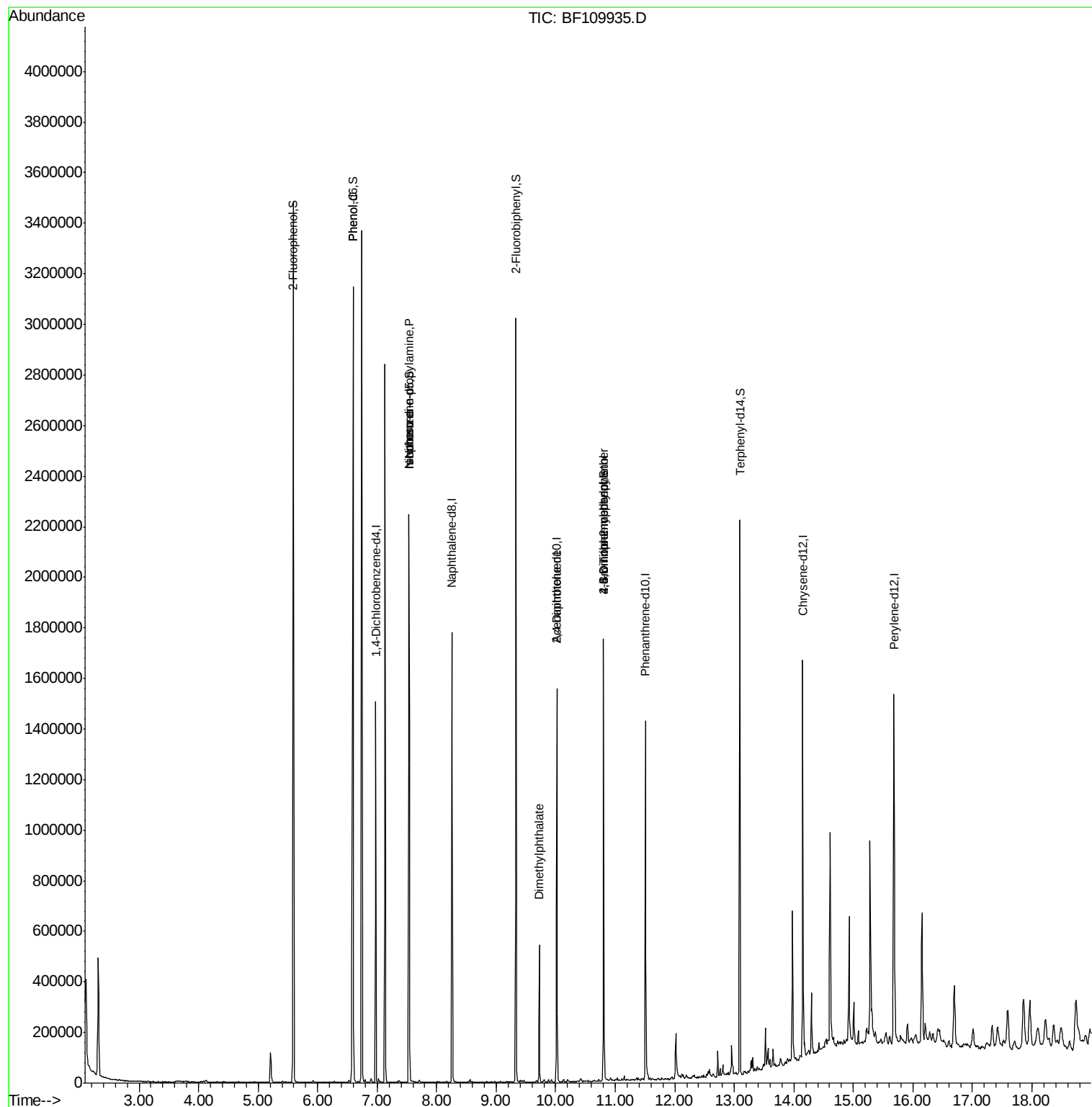
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	196426	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	720034	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	286576	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	474627	20.00	ng	0.00
76) Chrysene-d12	14.15	240	488954	20.00	ng	-0.01
87) Perylene-d12	15.68	264	462471	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	929687	75.02	ng	0.00
7) Phenol-d6	6.59	99	1110779	72.19	ng	-0.01
23) Nitrobenzene-d5	7.53	82	656222	61.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	184707	74.45	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	891275	49.63	ng	0.00
79) Terphenyl-d14	13.09	244	657751	28.25	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	70329	4.233	ng	# 67
19) n-Nitroso-di-n-propylamine	7.53	70	84353	8.538	ng	# 80
25) Isophorone	7.53	82	656210	31.245	ng	# 67
50) Dimethylphthalate	9.72	163	182567	8.997	ng	100
57) 2,4-Dinitrotoluene	10.02	165	35739	11.223	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	435	8.116	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	11193	2.176	ng	# 1

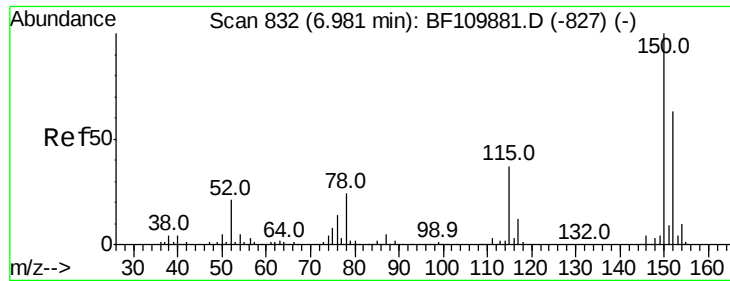
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



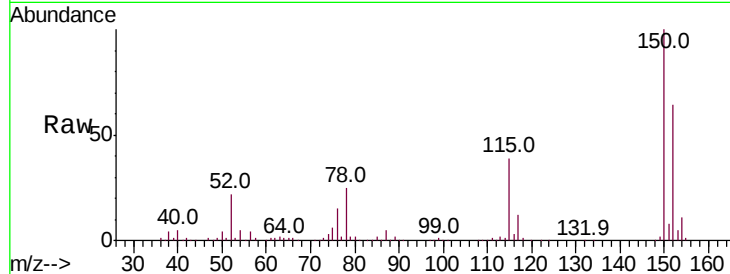


#1

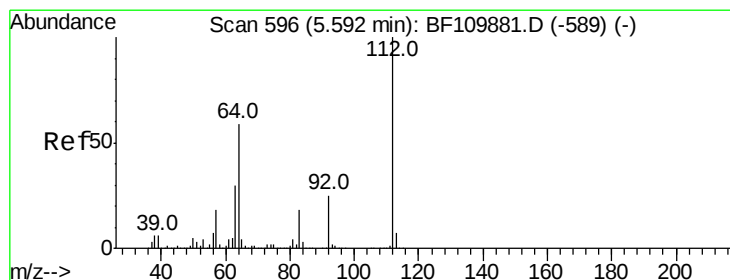
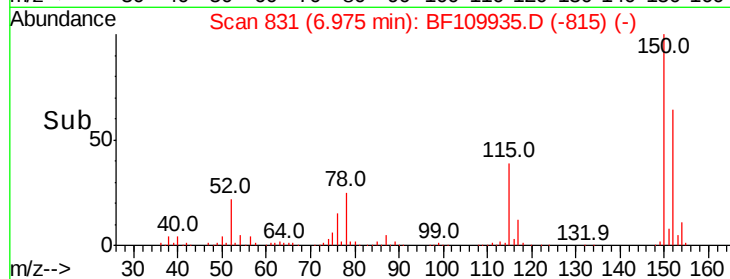
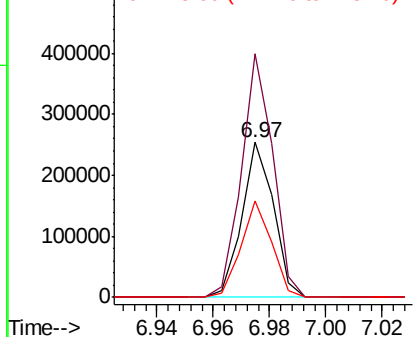
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 196426
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 61.8 49.1 73.7



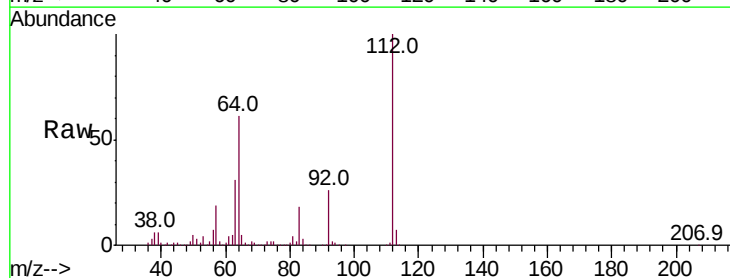
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



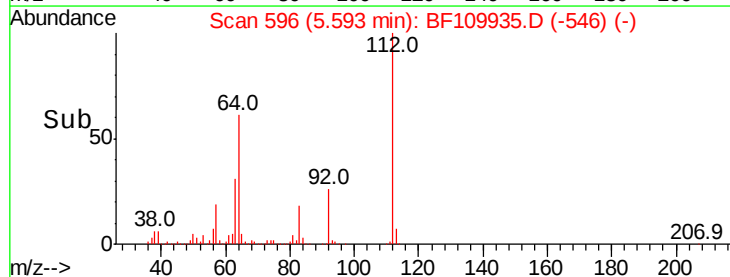
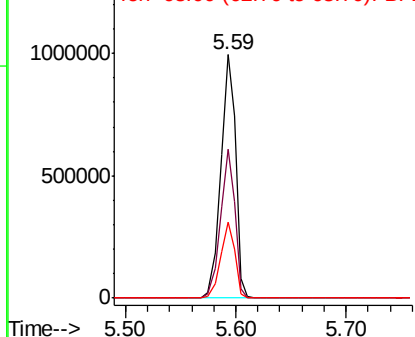
#5

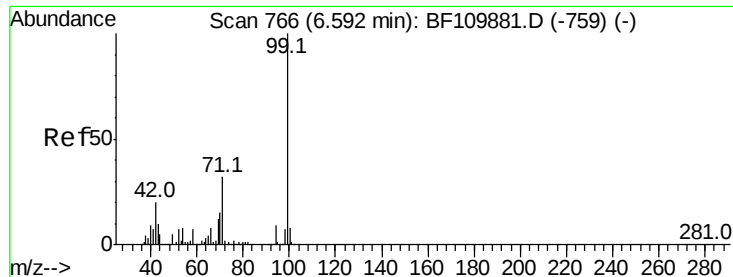
2-Fluorophenol
Concen: 75.025 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Tgt Ion:112 Resp: 929687
Ion Ratio Lower Upper
112 100
64 61.1 44.1 66.1
63 31.4 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: 72.188 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109935.D

Acq: 17 Oct 2018 22:08

Instrument :

BNA_F

ClientSampleId :

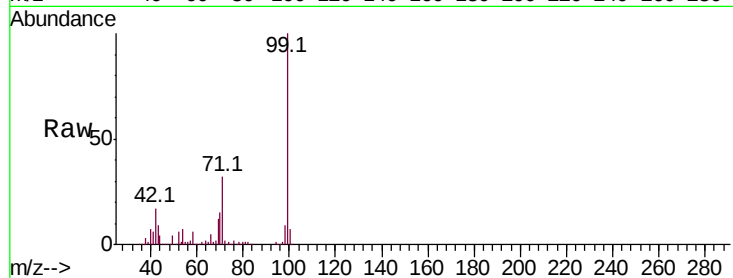
Tot Ion: 99 Resp: 1110779

Ion Ratio Lower Upper

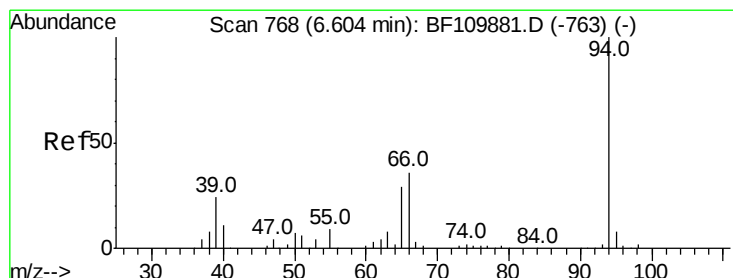
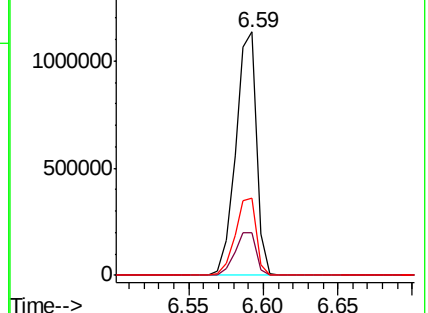
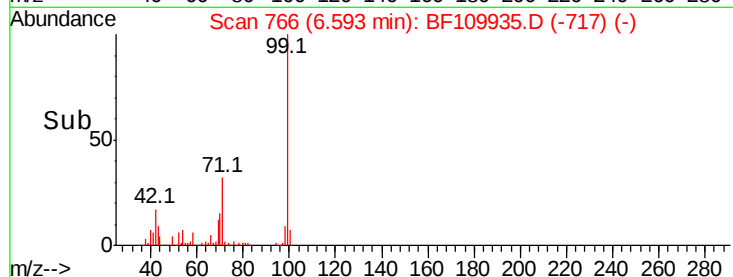
99 100

42 17.3 15.8 23.6

71 31.6 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: 4.233 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109935.D

Acq: 17 Oct 2018 22:08

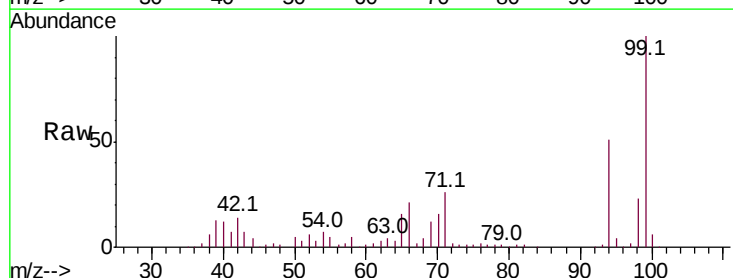
Tgt Ion: 94 Resp: 70329

Ion Ratio Lower Upper

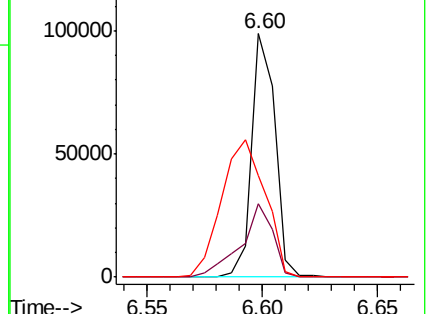
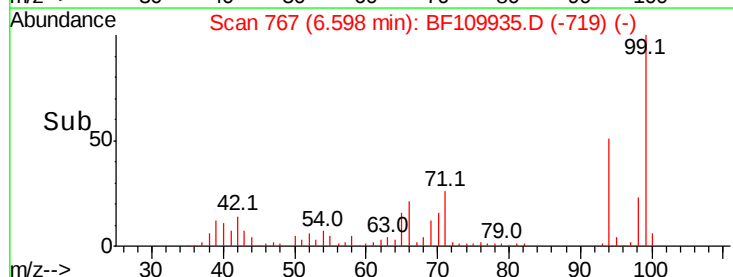
94 100

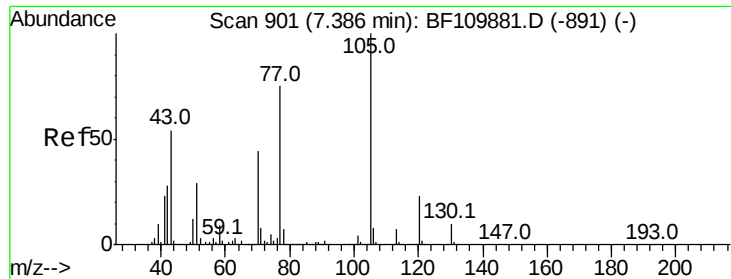
65 30.2 25.3 65.3

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

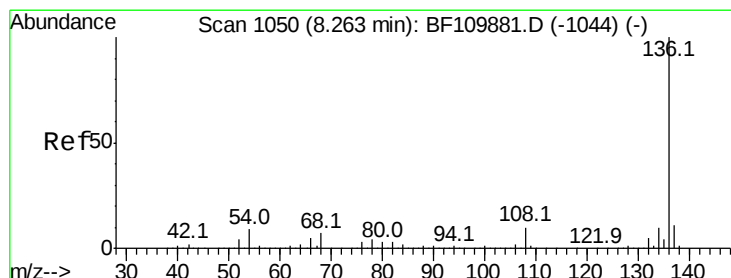
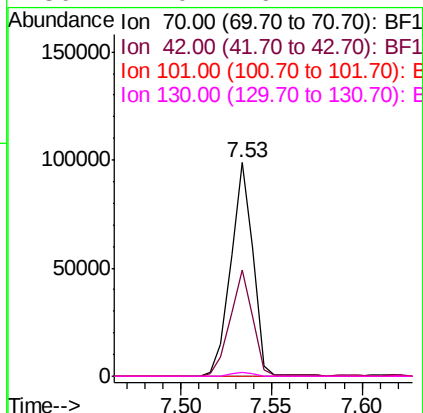
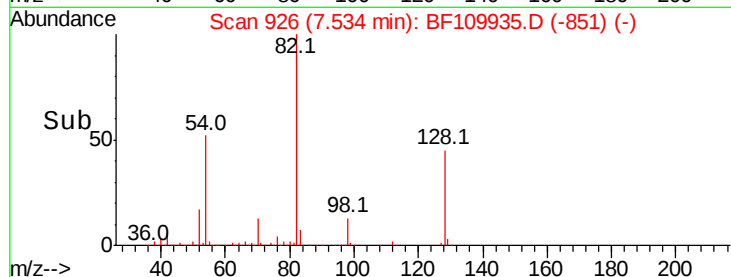
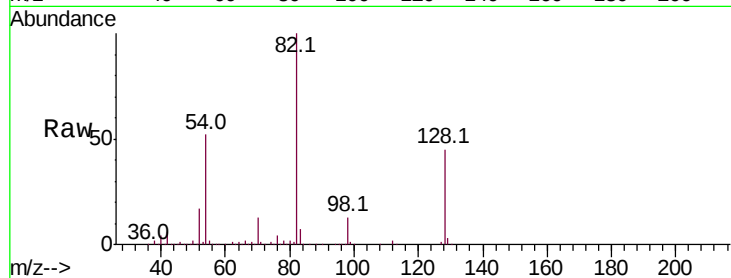




#19
n-Nitroso-di-n-propylamine
Concen: 8.538 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

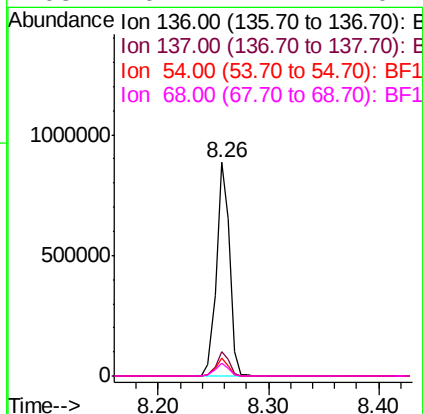
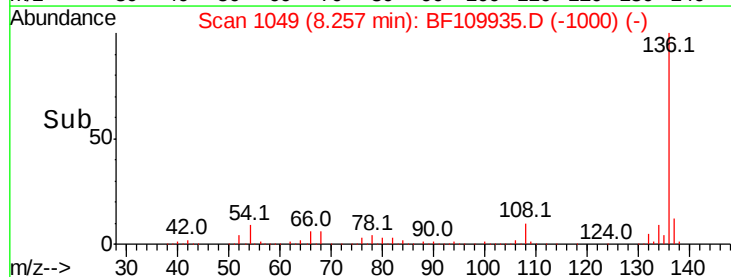
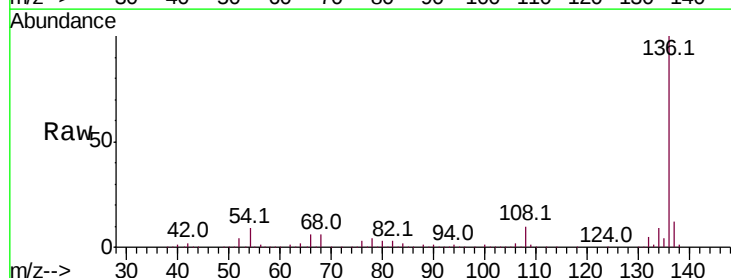
Instrument :
BNA_F
ClientSampleId :

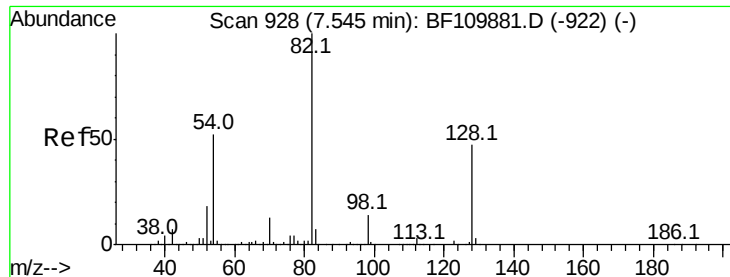
Tot Ion: 70 Resp: 84353
Ion Ratio Lower Upper
70 100
42 50.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Tgt Ion:136 Resp: 720034
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.6 5.4 8.2#
68 6.2 4.2 6.2

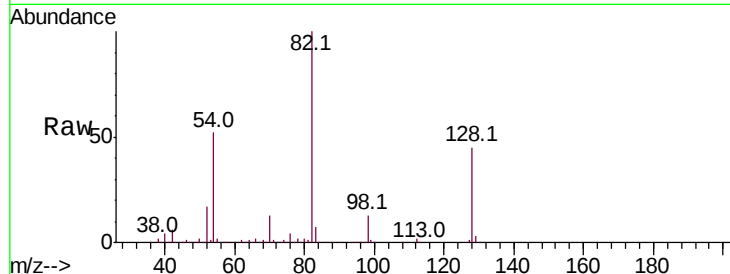




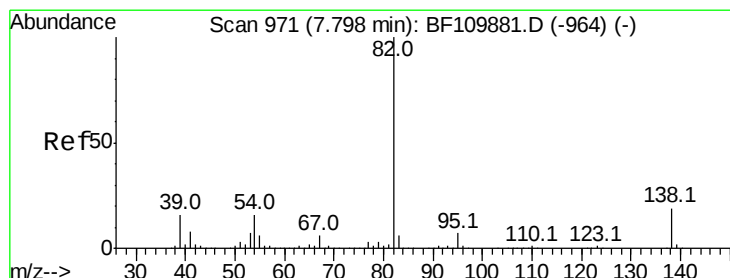
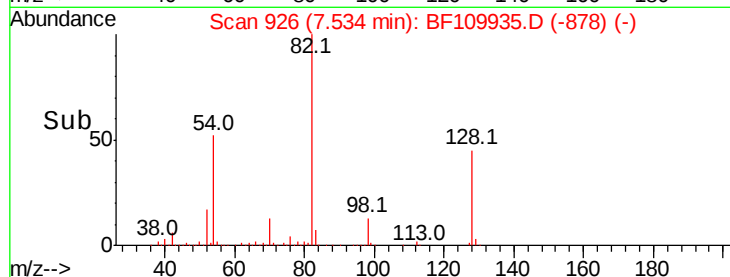
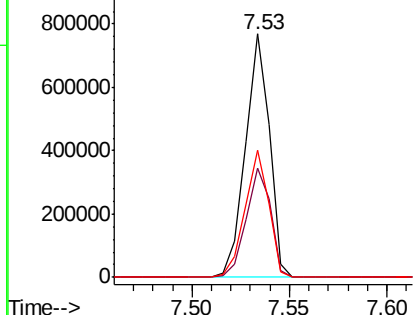
#23
Nitrobenzene-d5
Concen: 61.394 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	52.1	38.6	58.0

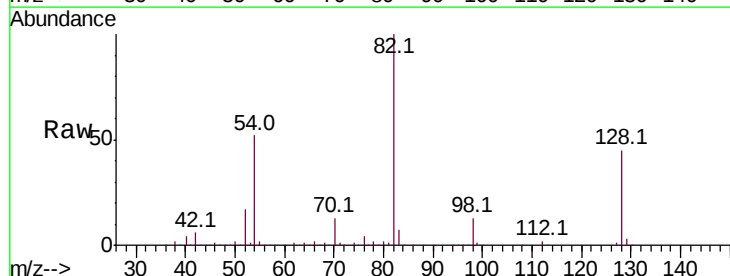


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

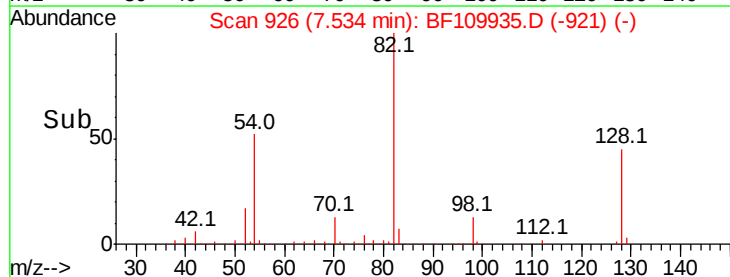
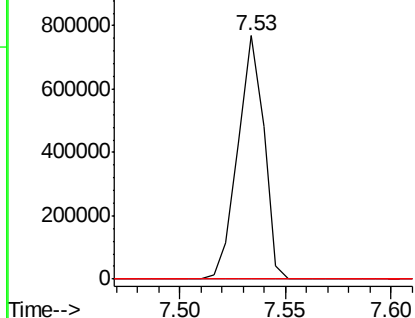


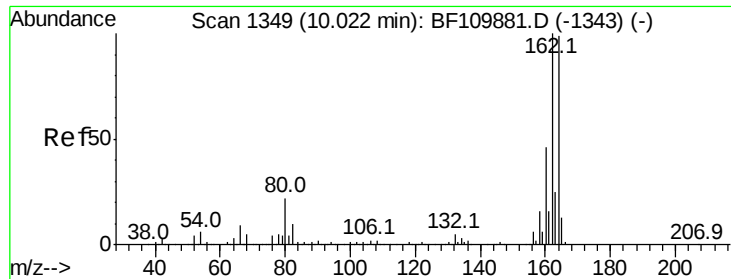
#25
Isophorone
Concen: 31.245 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Tgt 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

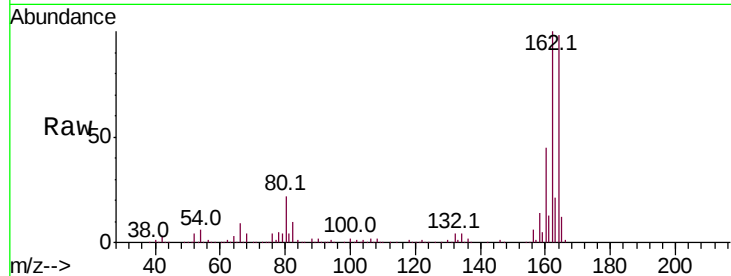




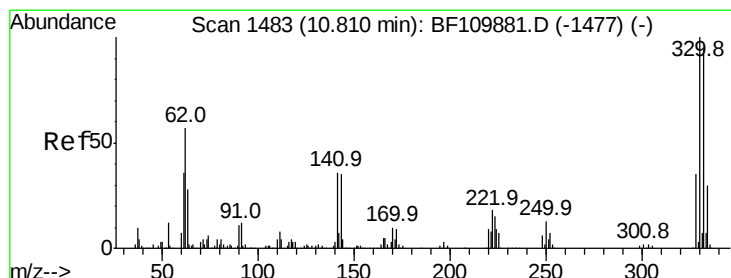
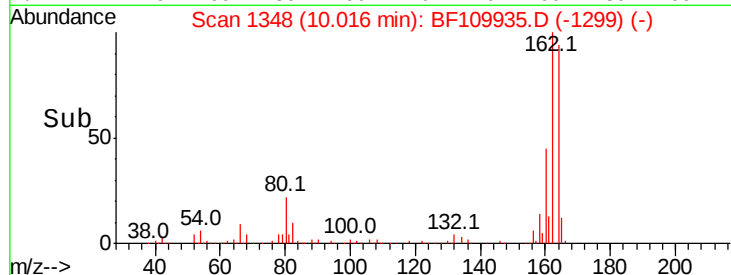
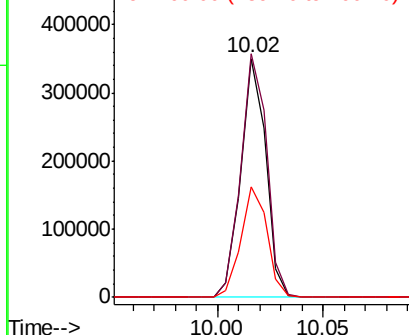
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109935.D
 Acq: 17 Oct 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 286576
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.0 124.6
 160 46.0 37.0 55.6

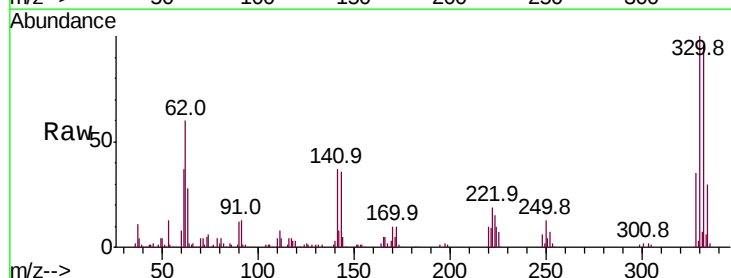


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

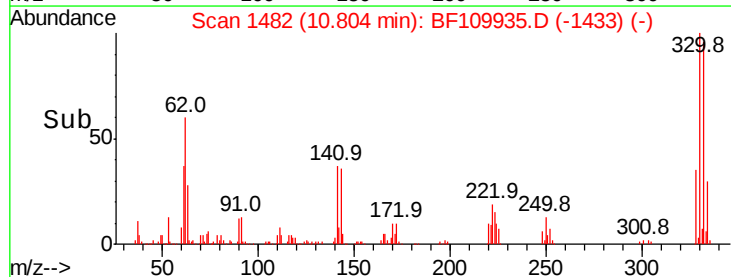
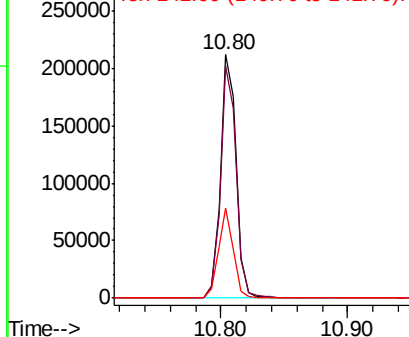


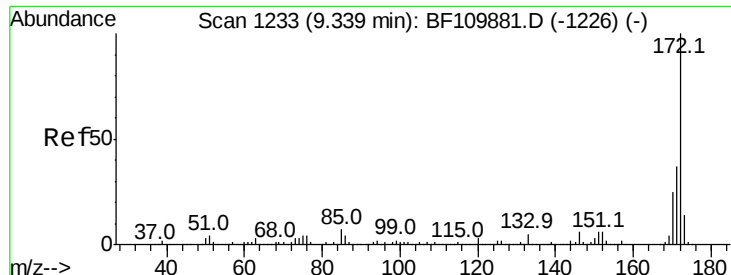
#42
 2,4,6-Tribromophenol
 Concen: 74.446 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109935.D
 Acq: 17 Oct 2018 22:08

Tgt Ion:330 Resp: 184707
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 35.0 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

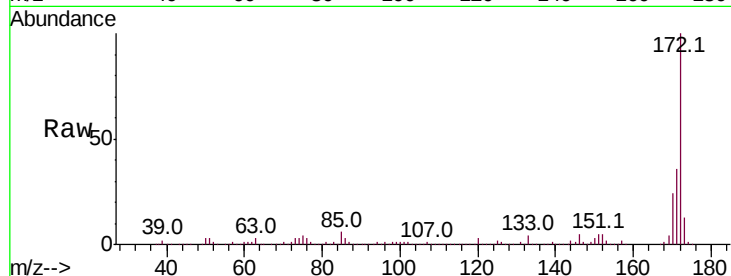




#45
2-Fluorobiphenyl
Concen: 49.626 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.7	29.5

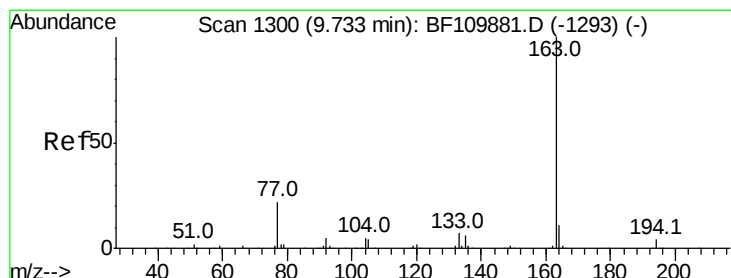
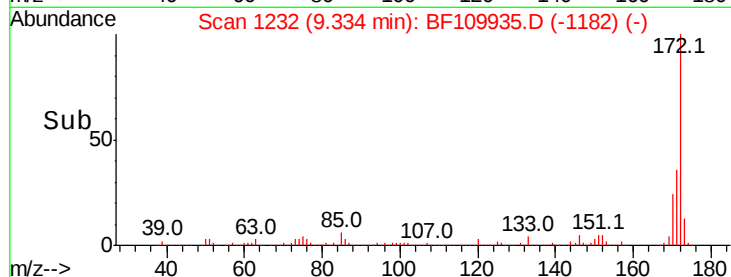
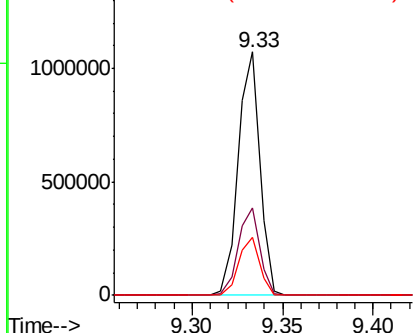


Abundance

Ion 172.00 (171.70 to 172.70): E

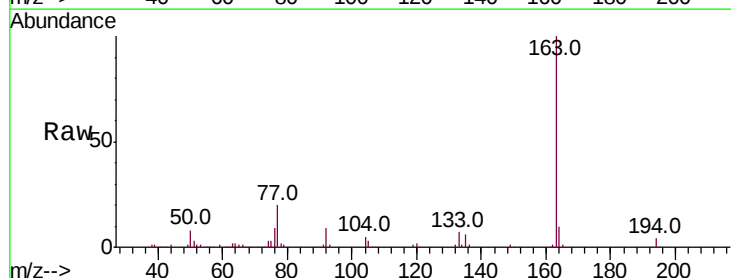
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.997 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	8.1	12.1

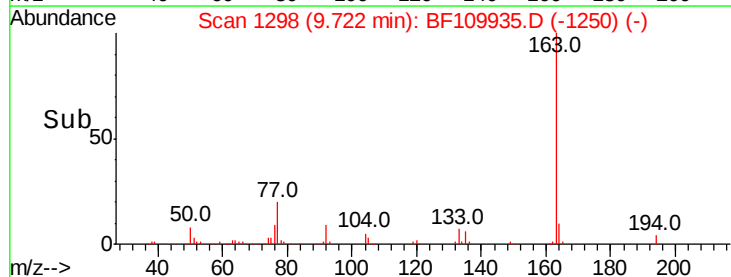
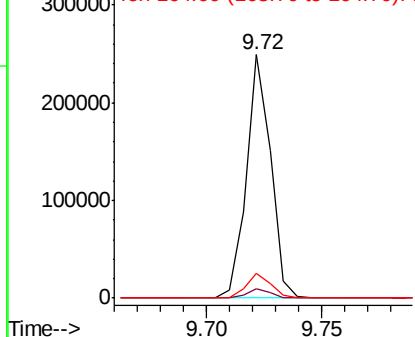


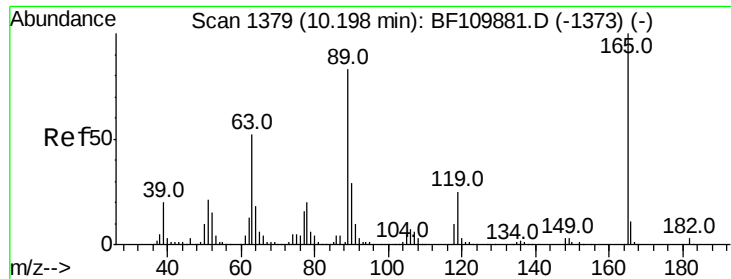
Abundance

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

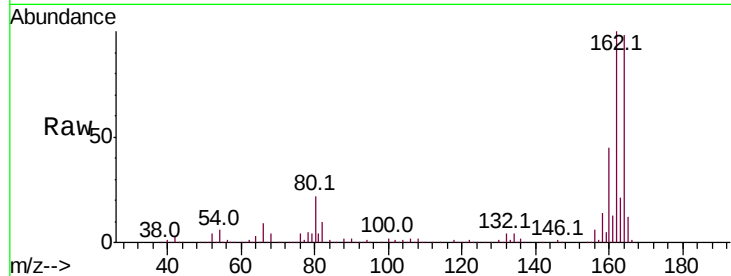




#57
 2,4-Dinitrotoluene
 Concen: 11.223 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109935.D
 Acq: 17 Oct 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



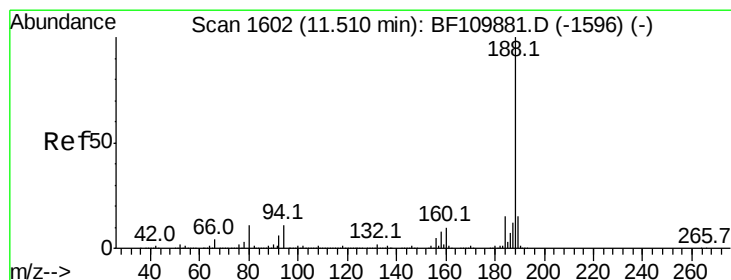
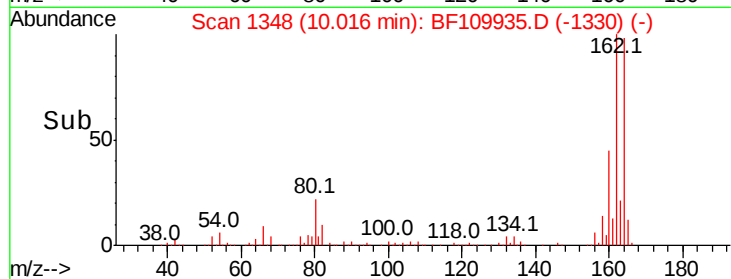
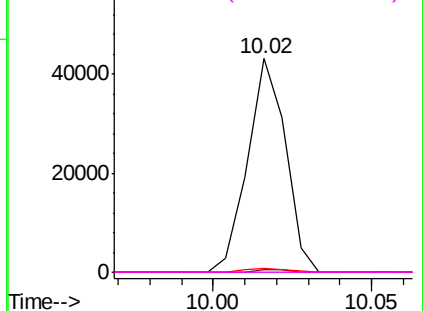
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

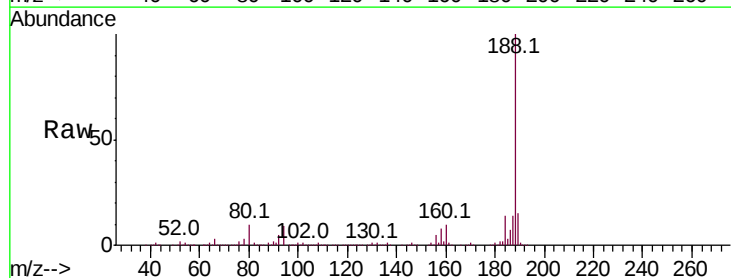
Ion 89.00 (88.70 to 89.70): BF1

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: BF109935.D
 Acq: 17 Oct 2018 22:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.7	7.9	11.9

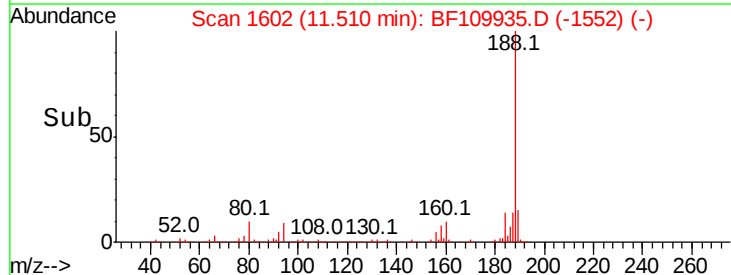
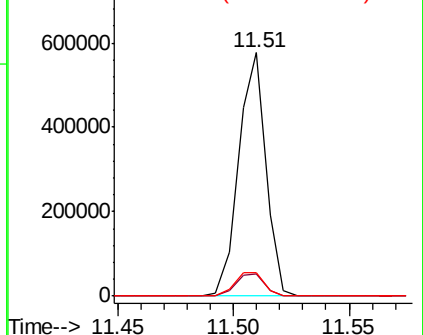


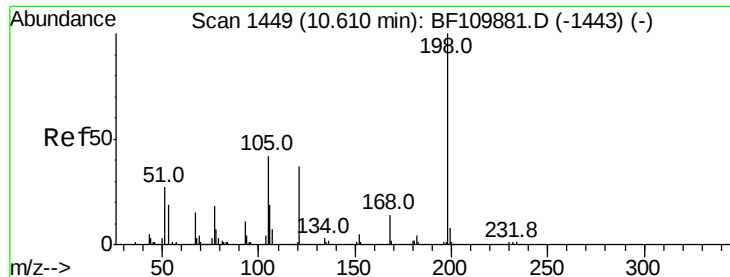
Abundance

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

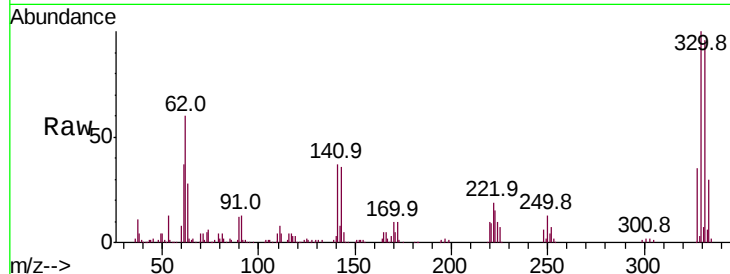




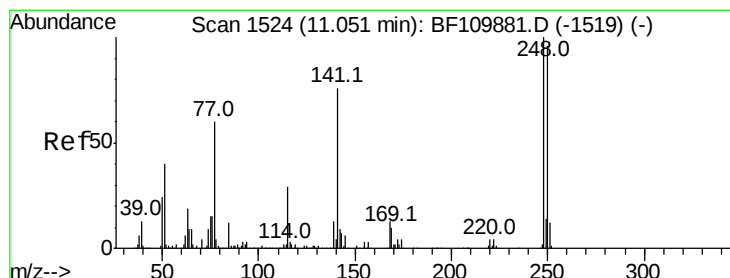
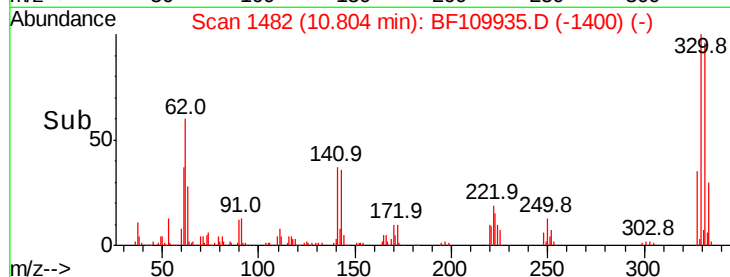
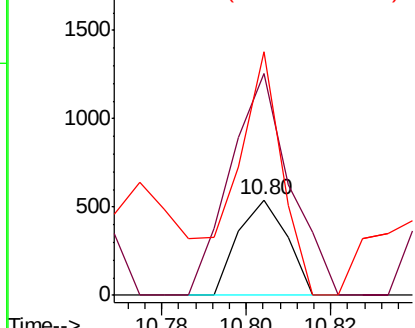
#65
4,6-Dinitro-2-methylphenol
Concen: 8.116 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 435
Ion Ratio Lower Upper
198 100
51 232.0 22.8 62.8#
105 254.9 23.6 63.6#

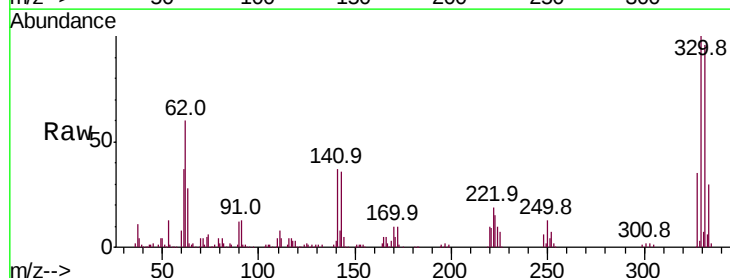


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

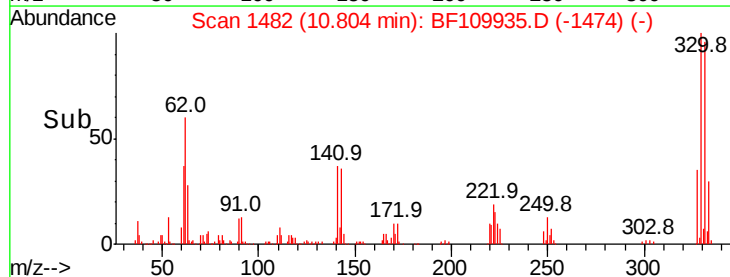
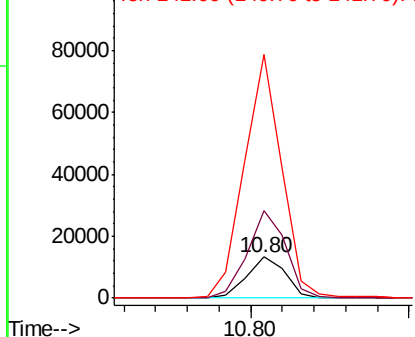


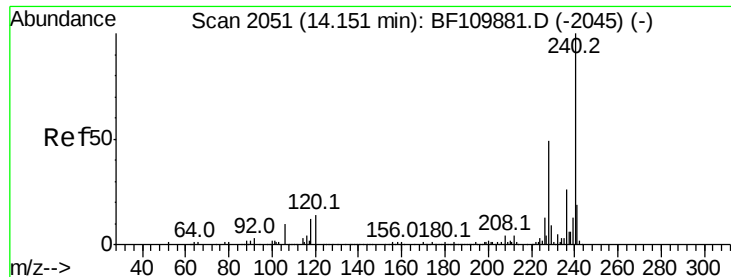
#67
4-Bromophenyl-phenylether
Concen: 2.176 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Tgt Ion:248 Resp: 11193
Ion Ratio Lower Upper
248 100
250 211.0 79.4 119.2#
141 590.1 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

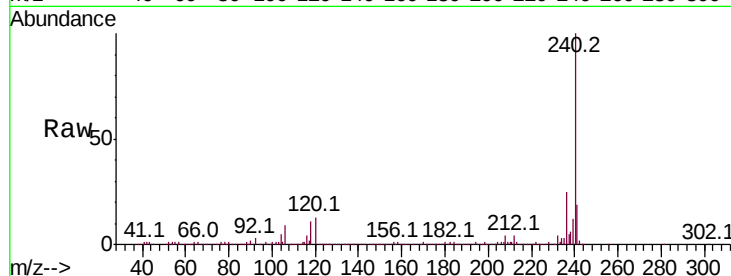




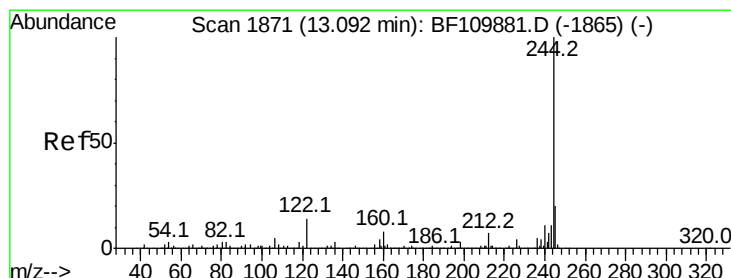
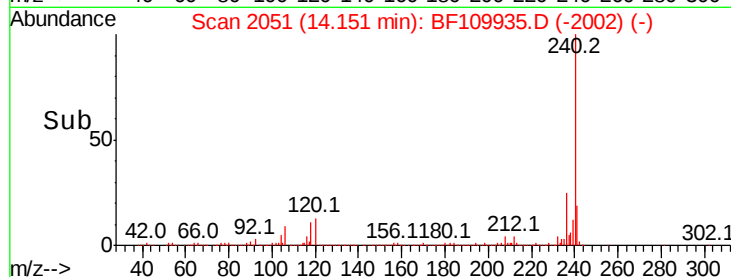
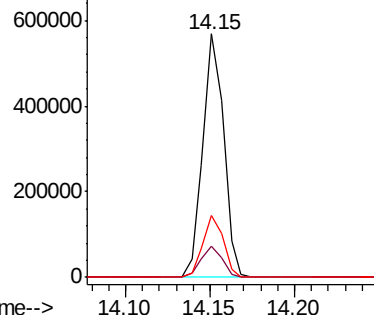
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	25.3	21.2	31.8

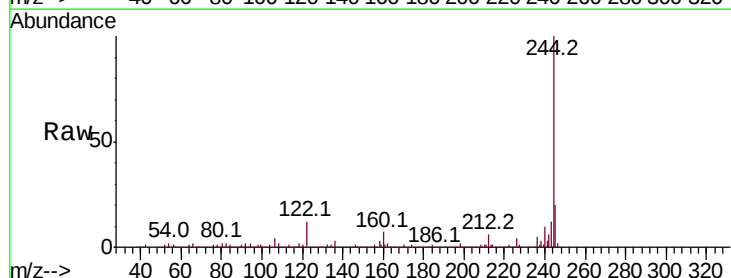


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

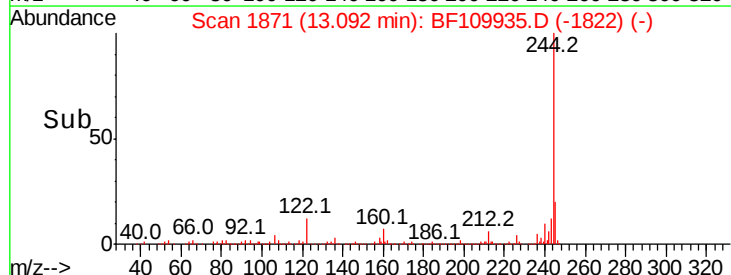
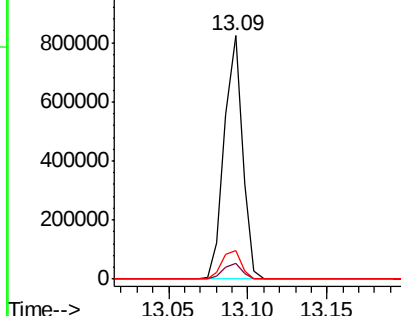


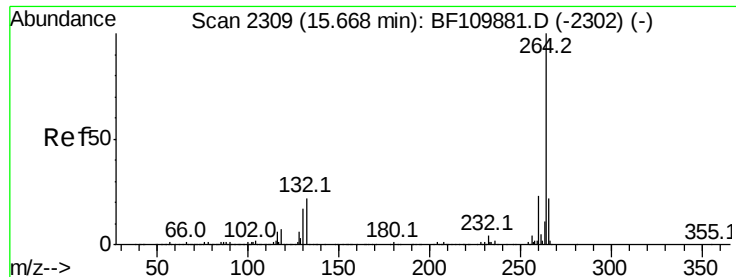
#79
Terphenyl-d14
Concen: 28.249 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	11.5	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: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.1	16.7	25.1

