

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109975.D
 Acq On : 18 Oct 2018 22:46
 Operator : JU/SJ
 Sample : J5569-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:26:31 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

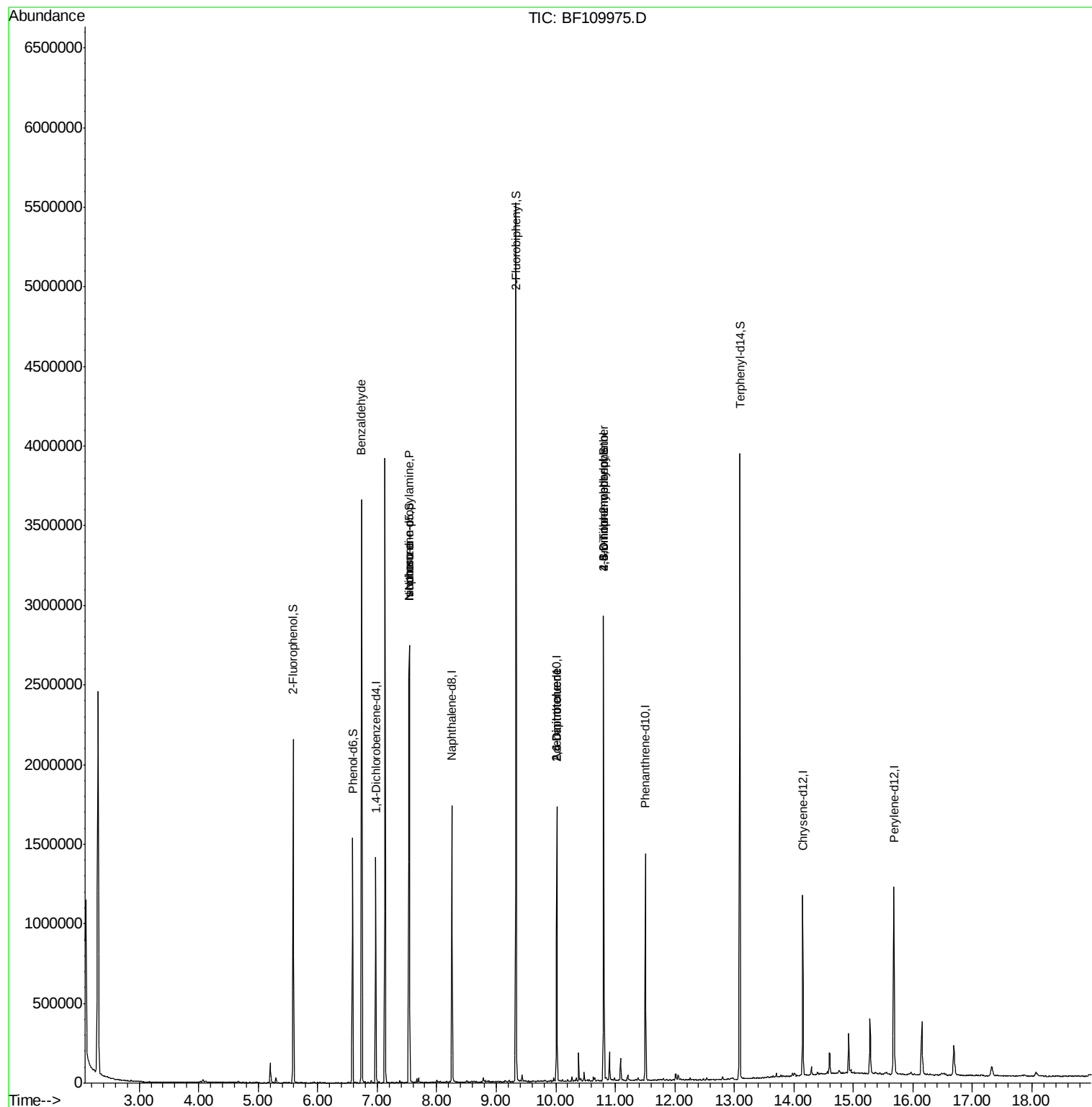
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	184931	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	707387	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	318549	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	539355	20.00	ng	0.00
76) Chrysene-d12	14.15	240	349136	20.00	ng	-0.01
87) Perylene-d12	15.68	264	379881	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	552876	47.39	ng	0.00
7) Phenol-d6	6.59	99	424344	29.29	ng	-0.02
23) Nitrobenzene-d5	7.54	82	925239	88.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	322609	116.98	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1601280	80.21	ng	0.00
79) Terphenyl-d14	13.09	244	1260947	75.84	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.74	77	22263	2.365	ng	# 74
19) n-Nitroso-di-n-propylamine	7.54	70	123715	13.300	ng	# 78
25) Isophorone	7.54	82	925228	44.841	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	40147	9.371	ng	# 22
57) 2,4-Dinitrotoluene	10.02	165	40147	11.293	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	924	8.299	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	20705	3.542	ng	# 1

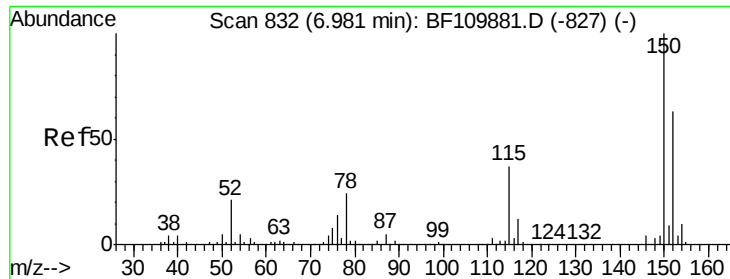
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109975.D
Acq On : 18 Oct 2018 22:46
Operator : JU/SJ
Sample : J5569-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 19 02:26:31 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



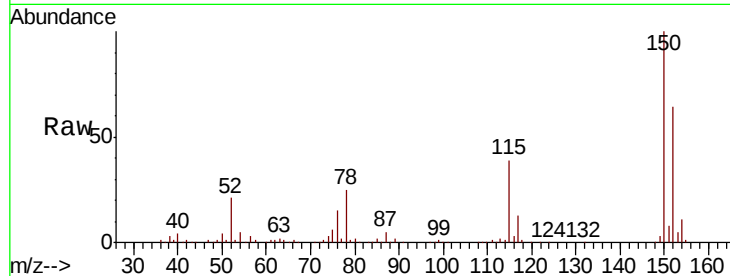


#1

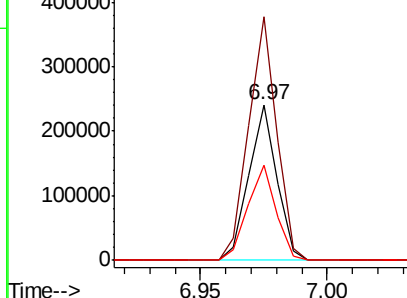
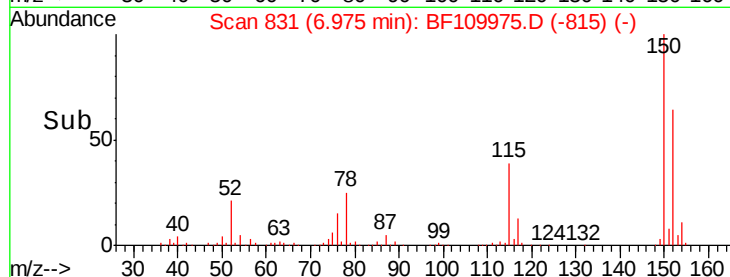
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109975.D
Acq: 18 Oct 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 184931
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 60.8 49.1 73.7



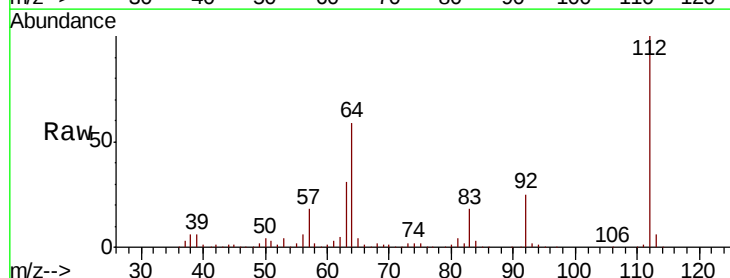
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



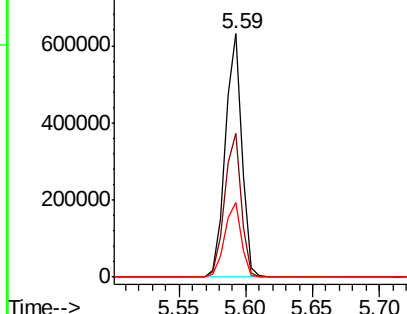
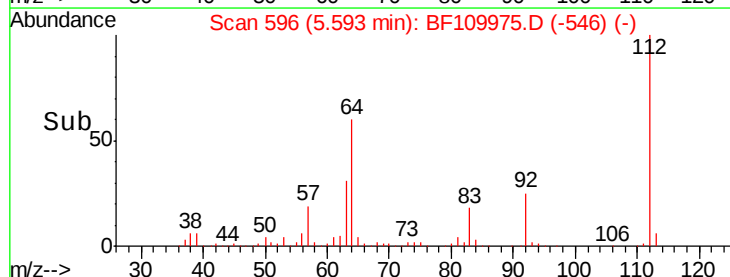
#5

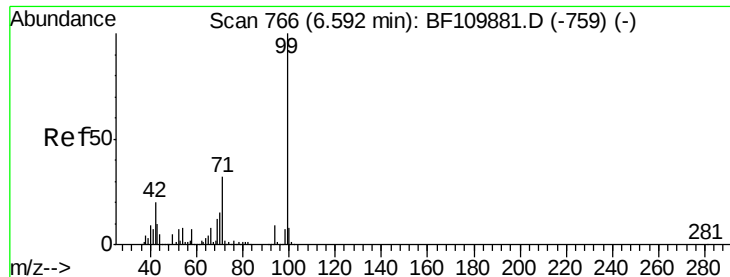
2-Fluorophenol
Concen: 47.390 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109975.D
Acq: 18 Oct 2018 22:46

Tgt Ion:112 Resp: 552876
Ion Ratio Lower Upper
112 100
64 58.9 44.1 66.1
63 30.6 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: 29.292 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109975.D

Acq: 18 Oct 2018 22:46

Instrument :

BNA_F

ClientSampleId :

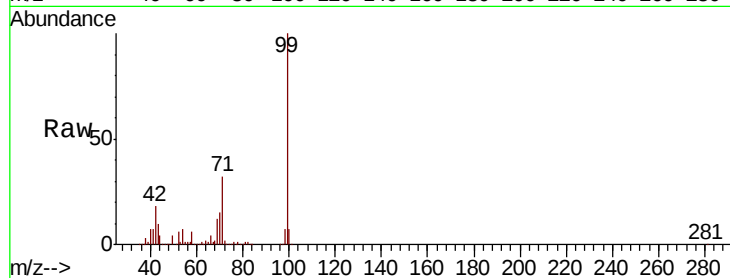
Tot Ion: 99 Resp: 424344

Ion Ratio Lower Upper

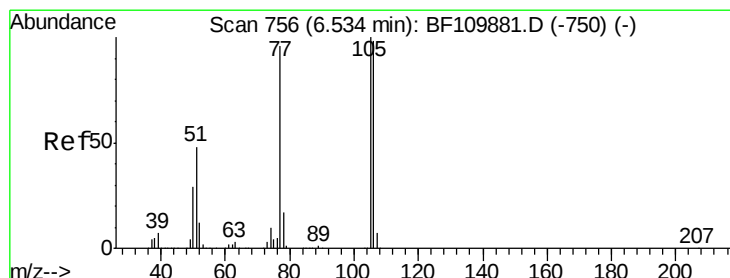
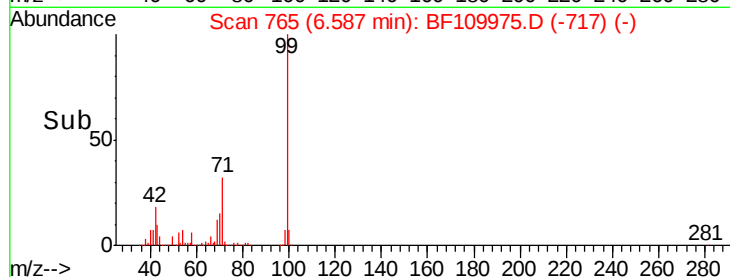
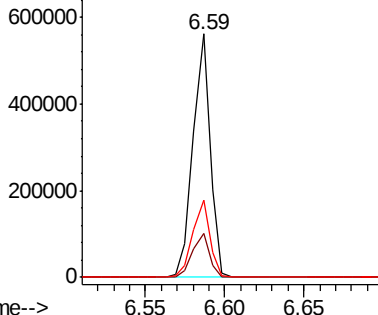
99 100

42 18.2 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



#9

Benzaldehyde

Concen: 2.365 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.21 min

Lab File: BF109975.D

Acq: 18 Oct 2018 22:46

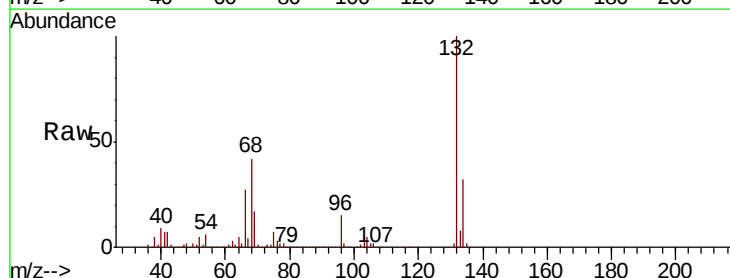
Tgt Ion: 77 Resp: 22263

Ion Ratio Lower Upper

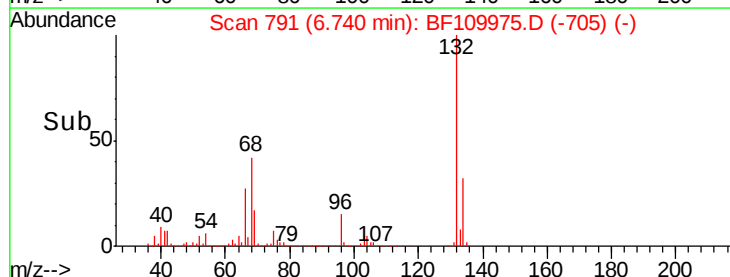
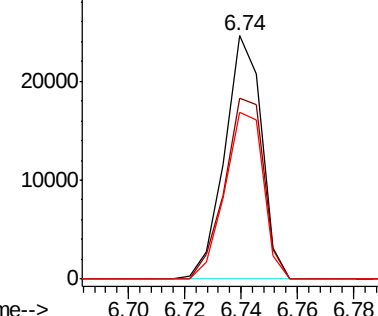
77 100

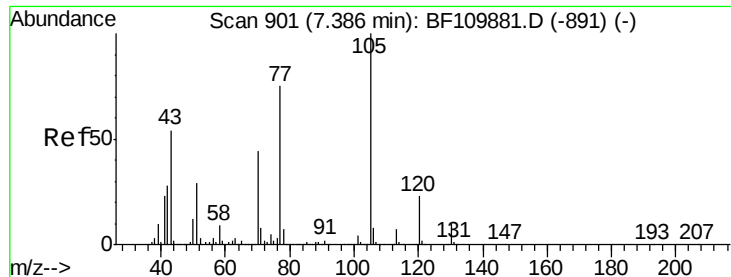
105 74.4 78.6 118.6#

106 68.6 74.8 114.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

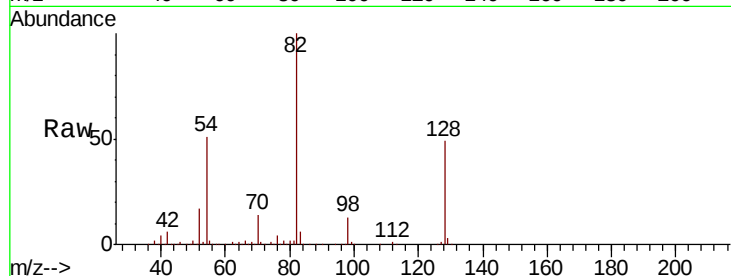




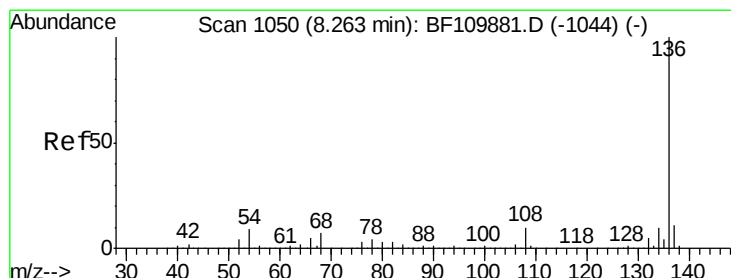
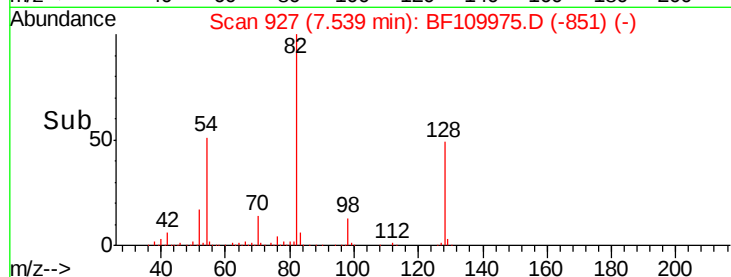
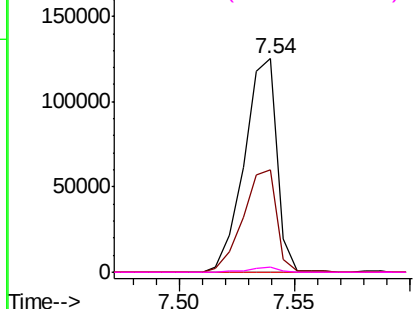
#19
n-Nitroso-di-n-propylamine
Concen: 13.300 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109975.D
Acq: 18 Oct 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 123715
Ion Ratio Lower Upper
70 100
42 47.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#

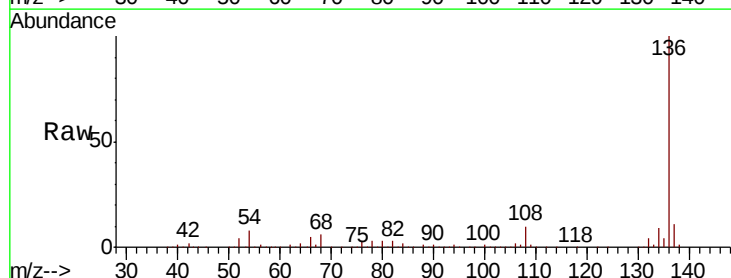


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

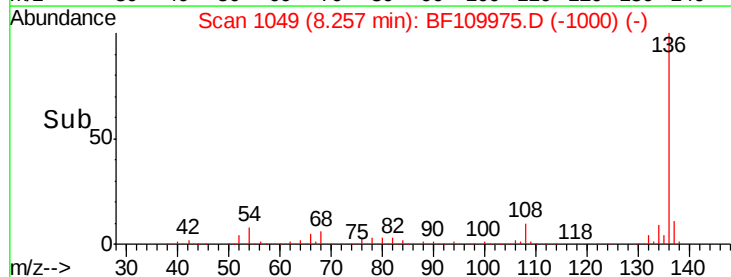
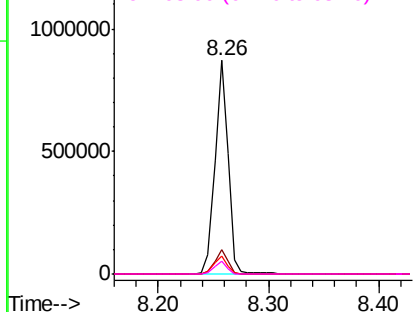


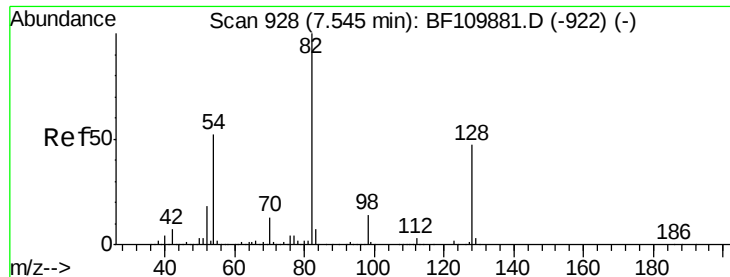
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109975.D
Acq: 18 Oct 2018 22:46

Tgt Ion:136 Resp: 707387
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.4 5.4 8.2#
68 5.9 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

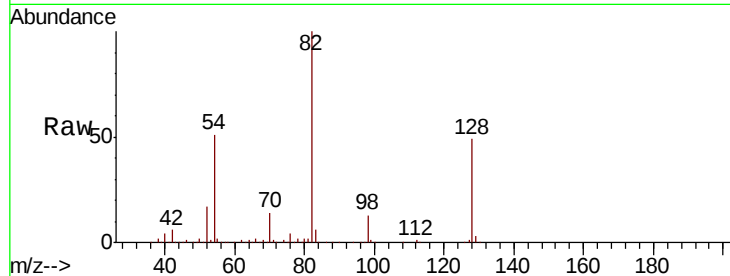




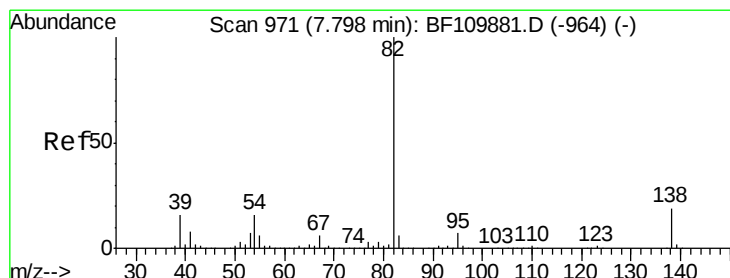
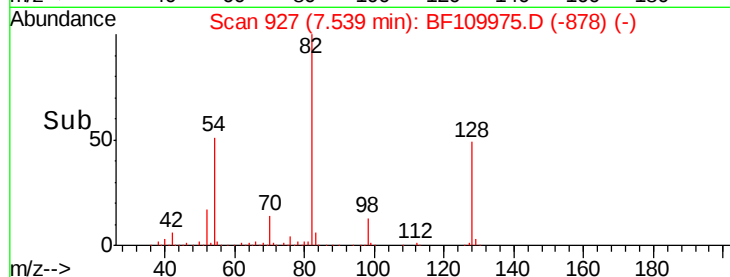
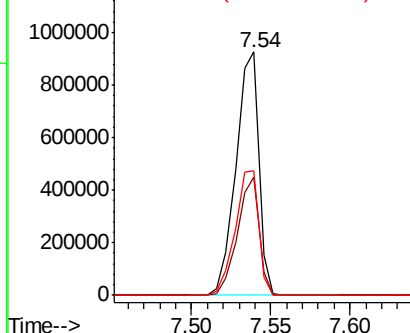
#23
Nitrobenzene-d5
Concen: 88.110 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109975.D
Acq: 18 Oct 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	925239
Ion Ratio	Lower	Upper	
82	100		
128	48.6	34.2	51.2
54	51.3	38.6	58.0

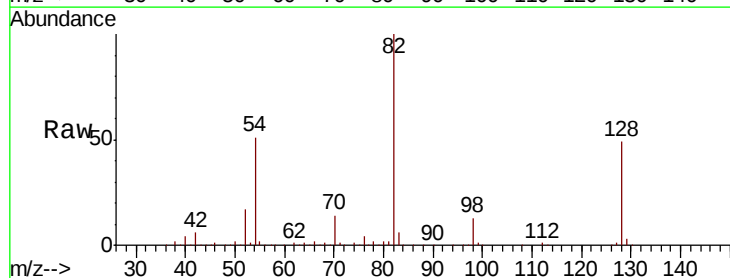


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

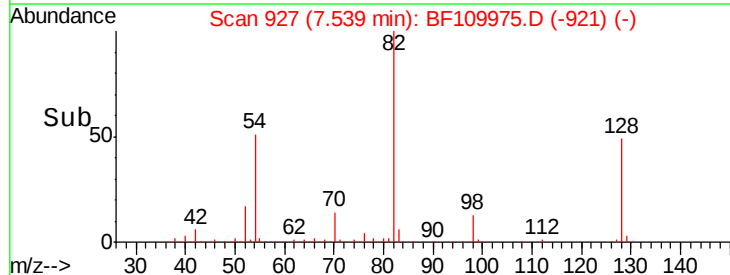
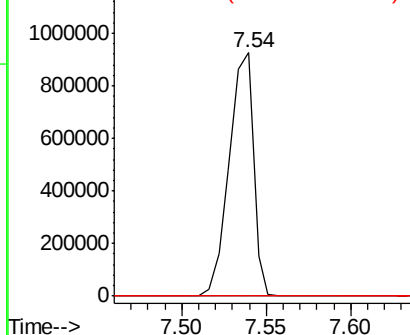


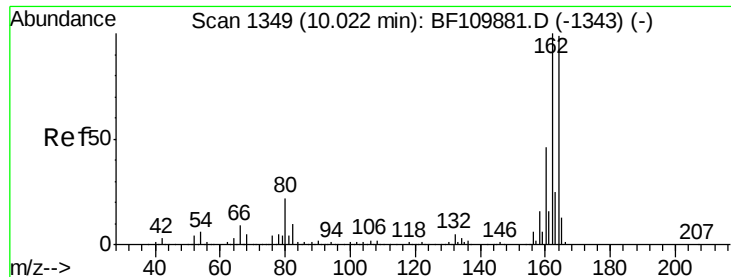
#25
Isophorone
Concen: 44.841 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109975.D
Acq: 18 Oct 2018 22:46

Tgt Ion	82	Resp	925228
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

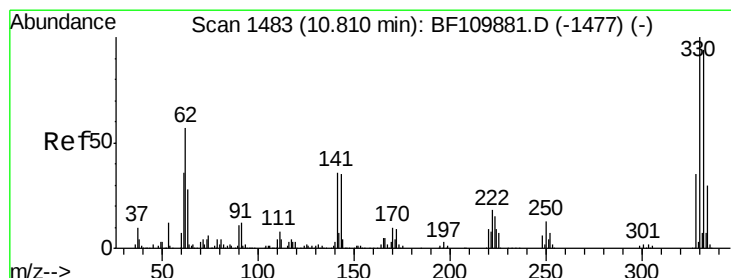
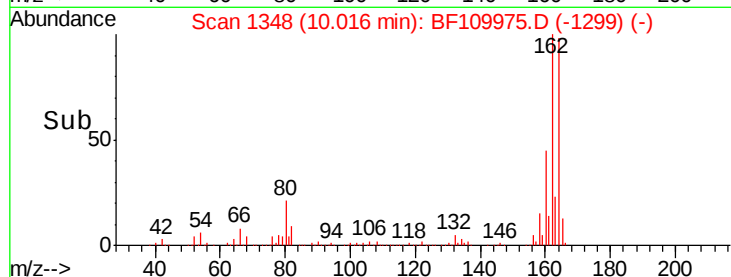
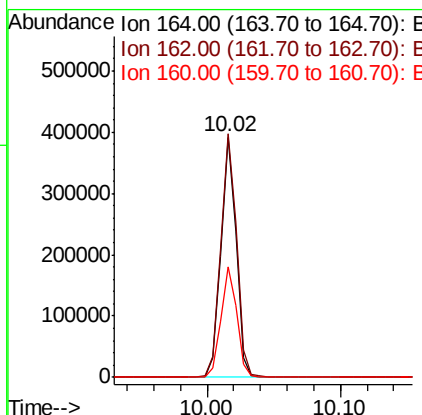
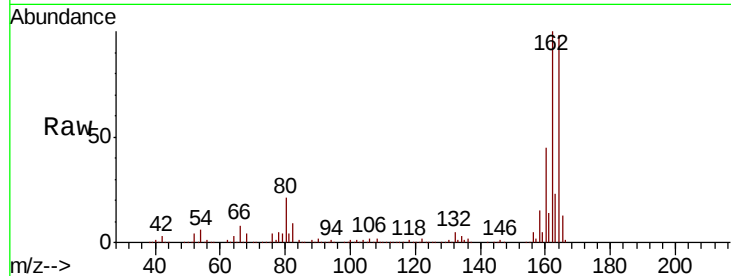




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

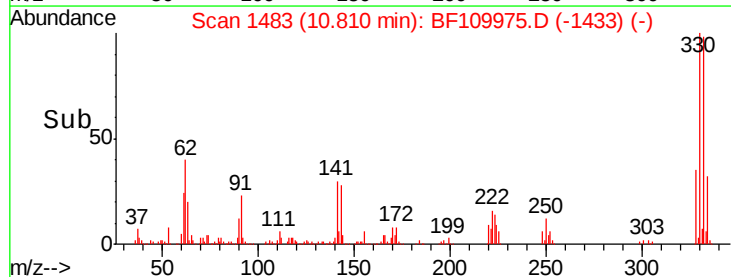
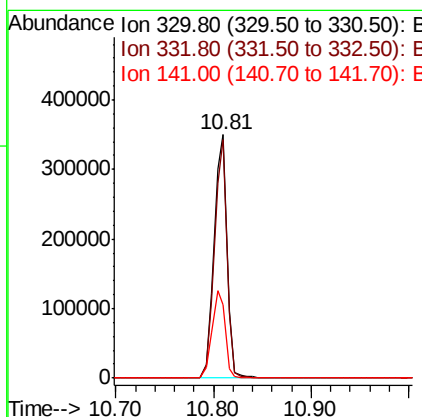
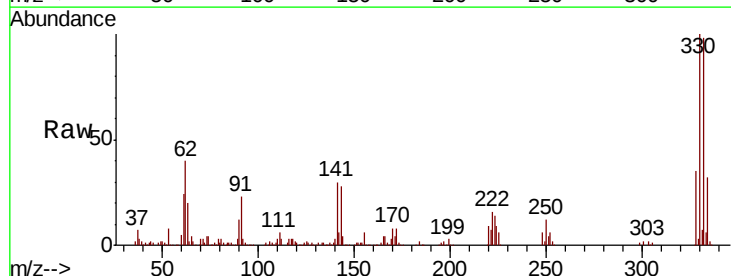
Instrument :
 BNA_F
 ClientSampled :

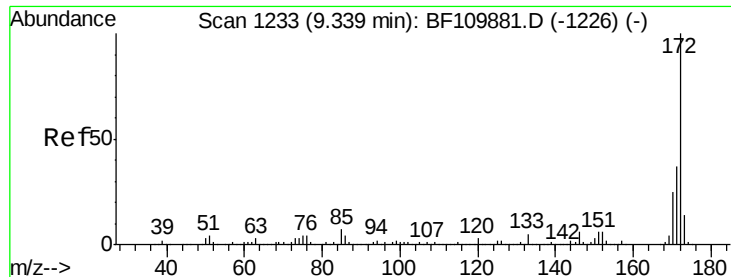
Tot Ion:164 Resp: 318549
 Ion Ratio Lower Upper
 164 100
 162 101.5 83.0 124.6
 160 46.1 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 116.976 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

Tgt Ion:330 Resp: 322609
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.1 115.7
 141 36.5 27.0 40.4

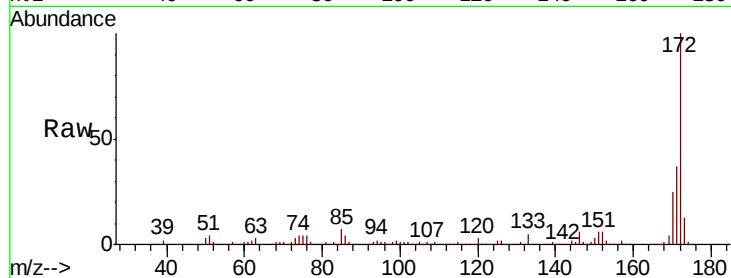




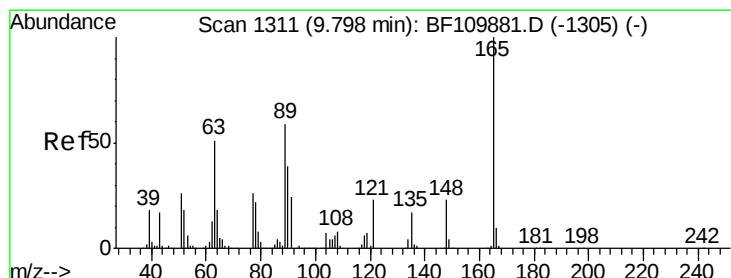
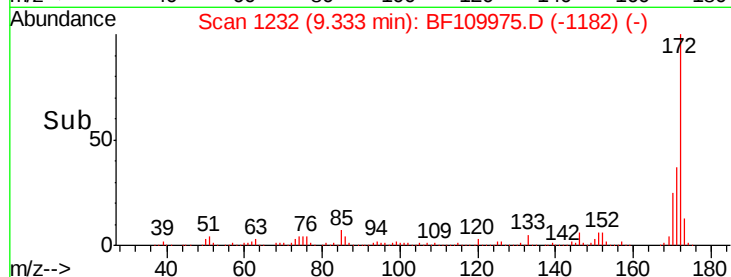
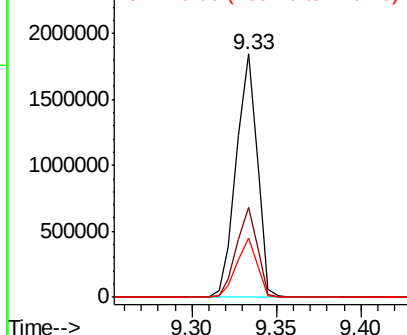
#45
 2-Fluorobiphenyl
 Concen: 80.210 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1601280
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 43.0
 170 24.5 19.7 29.5

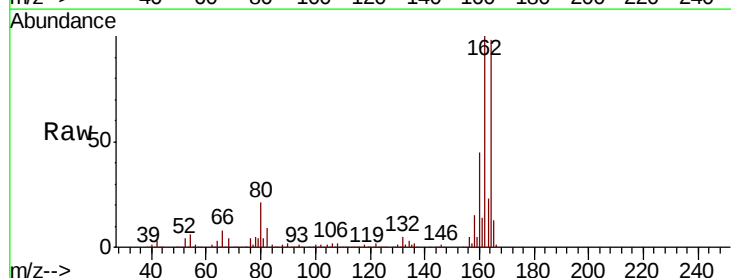


Abundance Ion 172.00 (171.70 to 172.70): E
 2500000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

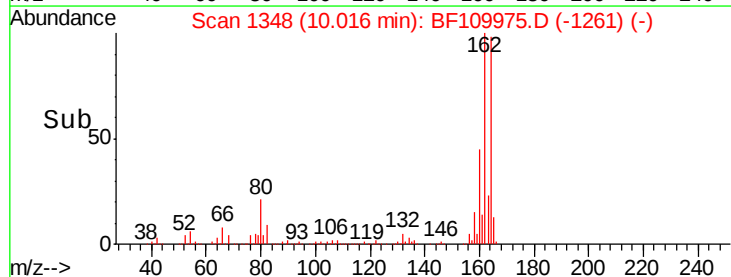
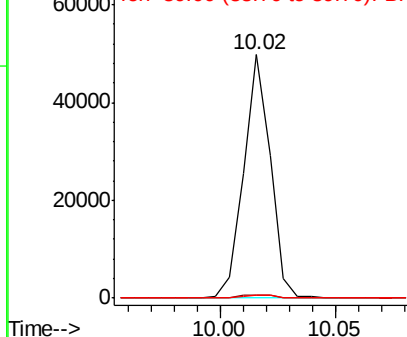


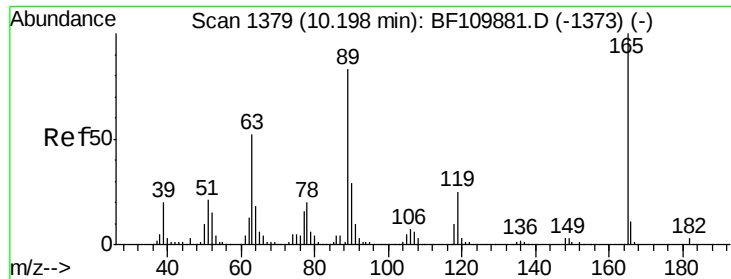
#51
 2,6-Dinitrotoluene
 Concen: 9.371 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

Tgt Ion:165 Resp: 40147
 Ion Ratio Lower Upper
 165 100
 63 1.2 48.9 73.3#
 89 1.2 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 60000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

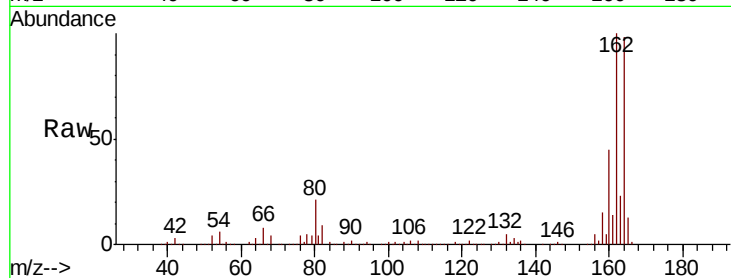




#57
 2,4-Dinitrotoluene
 Concen: 11.293 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :

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

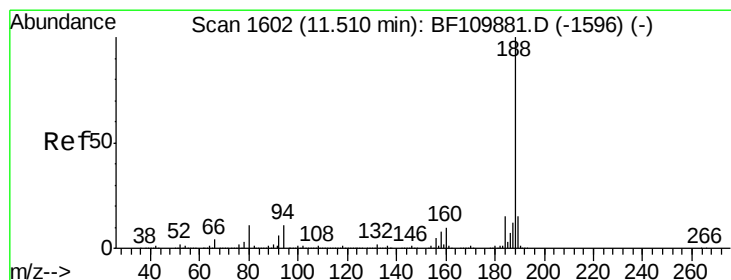
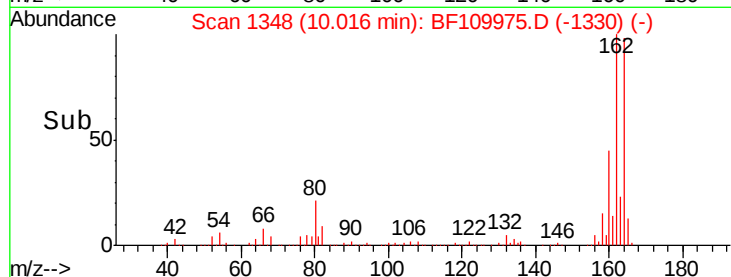
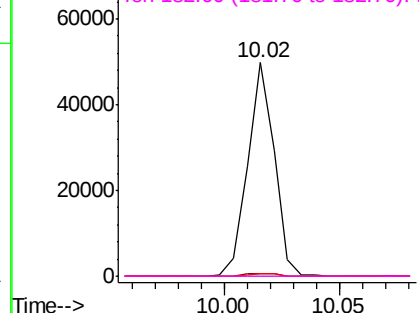


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

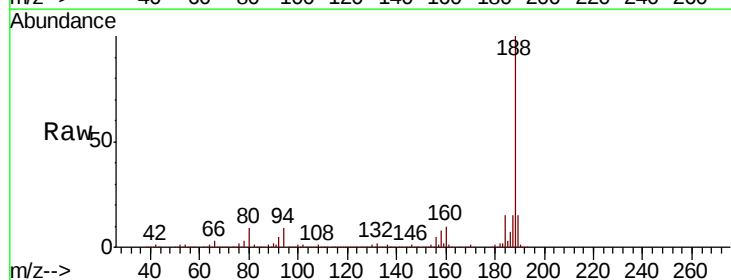
Ion 89.00 (88.70 to 89.70): BF1

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: BF109975.D
 Acq: 18 Oct 2018 22:46

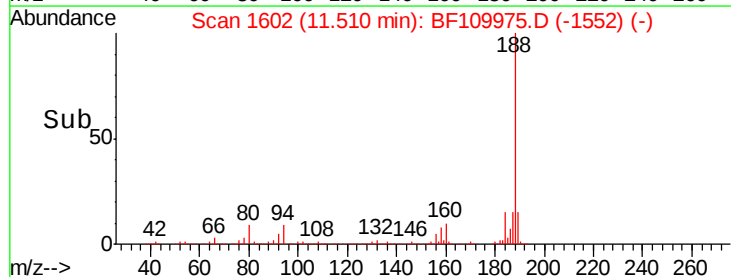
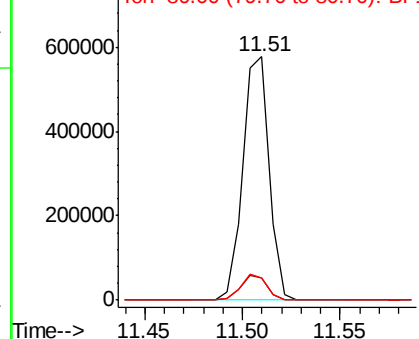
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.2	7.9	11.9

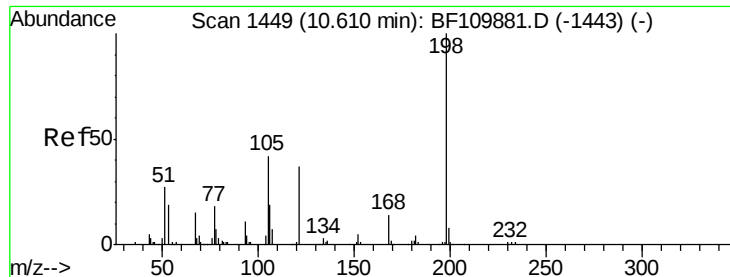


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

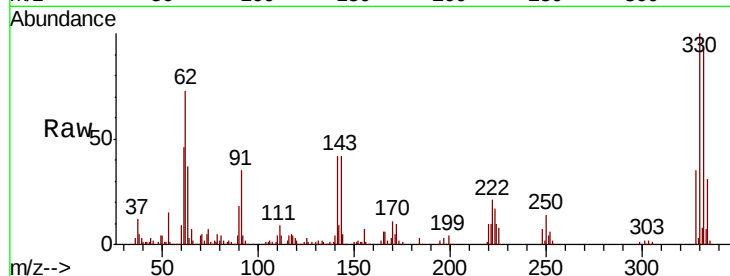




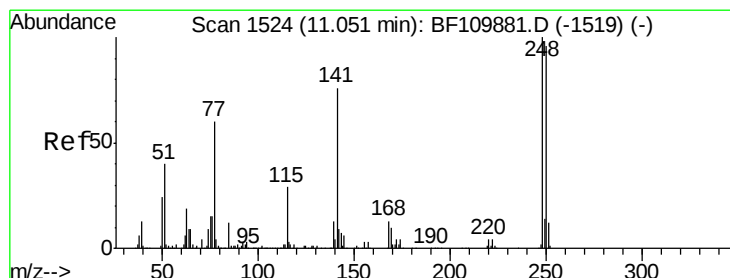
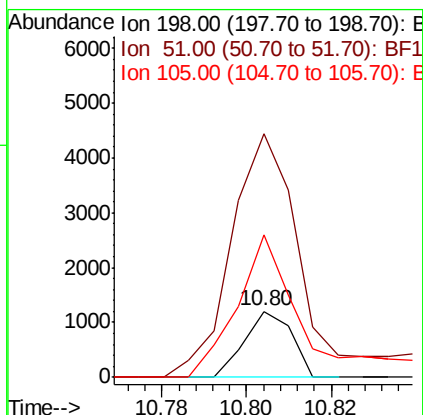
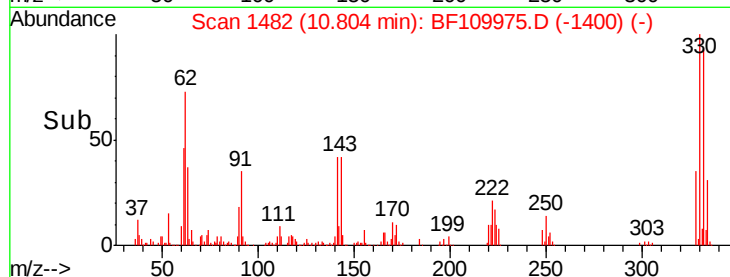
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.299 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.18 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 924
 Ion Ratio Lower Upper
 198 100
 51 369.9 22.8 62.8#
 105 216.8 23.6 63.6#

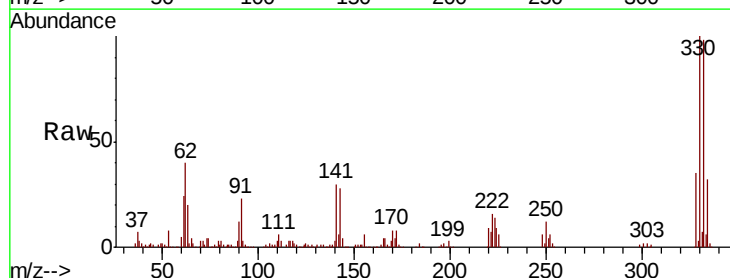


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

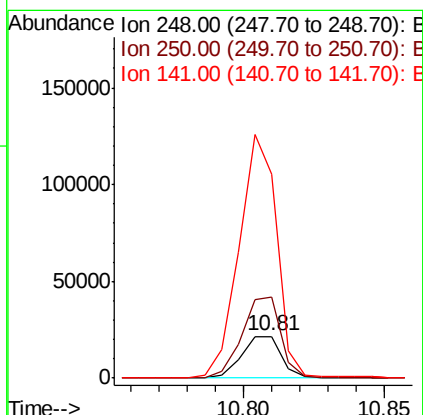
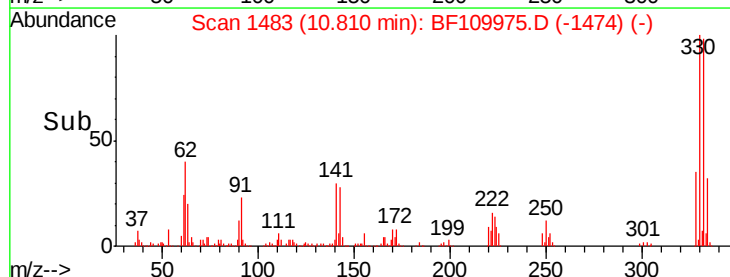


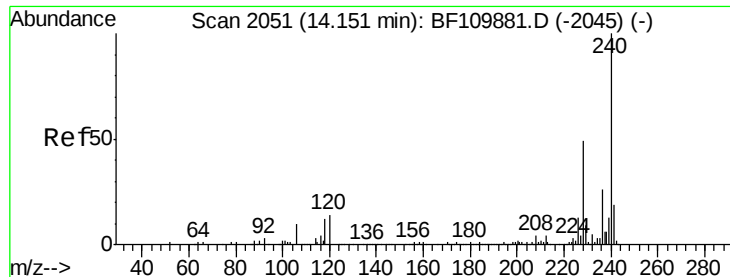
#67
 4-Bromophenyl-phenylether
 Concen: 3.542 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109975.D
 Acq: 18 Oct 2018 22:46

Tgt Ion:248 Resp: 20705
 Ion Ratio Lower Upper
 248 100
 250 193.2 79.4 119.2#
 141 489.3 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109975.D

Acq: 18 Oct 2018 22:46

Instrument :

BNA_F

ClientSampleId :

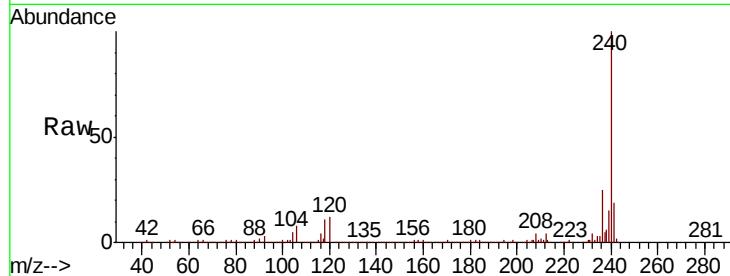
Tot Ion:240 Resp: 349136

Ion Ratio Lower Upper

240 100

120 12.2 8.3 12.5

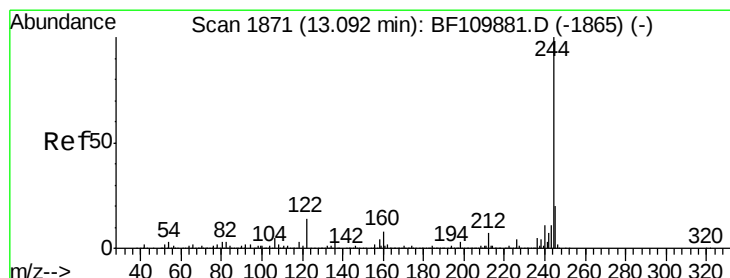
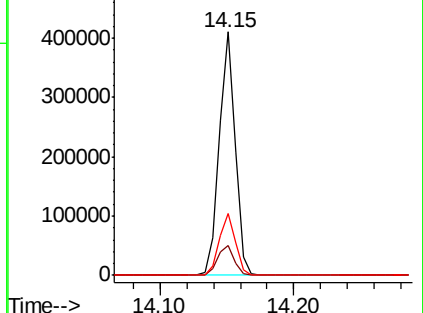
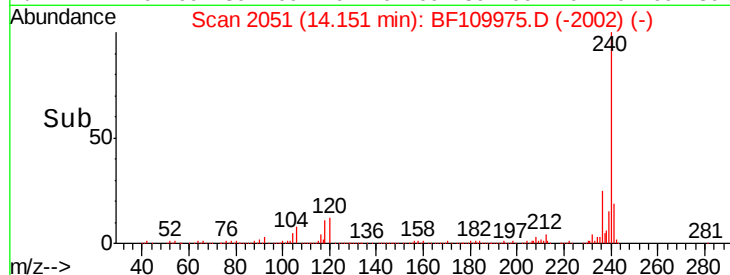
236 25.4 21.2 31.8



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: 75.841 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109975.D

Acq: 18 Oct 2018 22:46

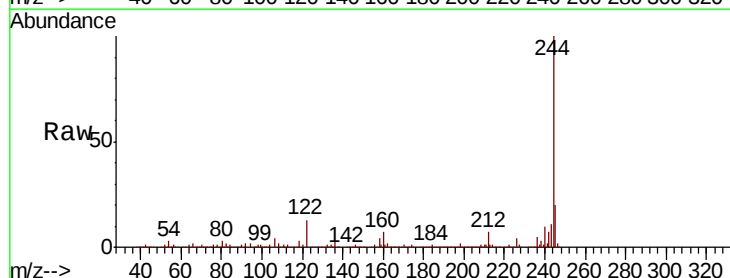
Tgt Ion:244 Resp: 1260947

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

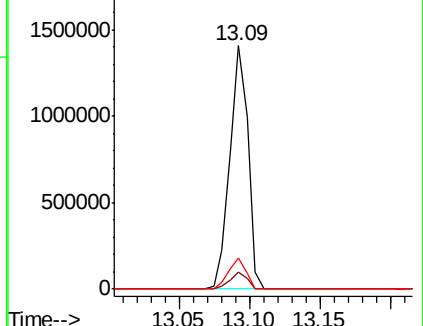
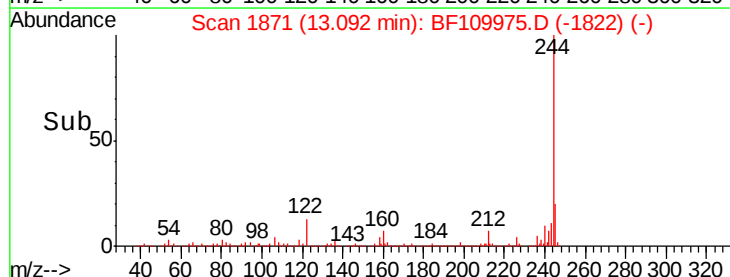
122 12.8 8.7 13.1

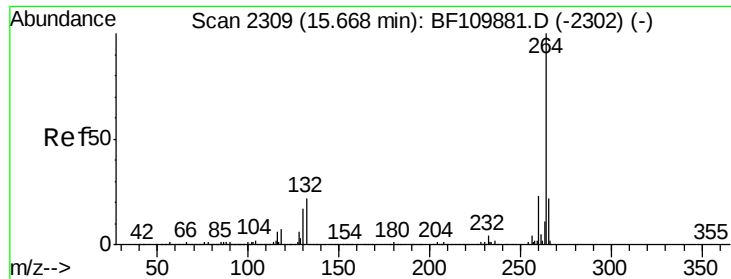


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109975.D
Acq: 18 Oct 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	20.7	16.7	25.1

