

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110014.D
 Acq On : 19 Oct 2018 20:30
 Operator : JU/SJ
 Sample : J5593-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:09:26 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

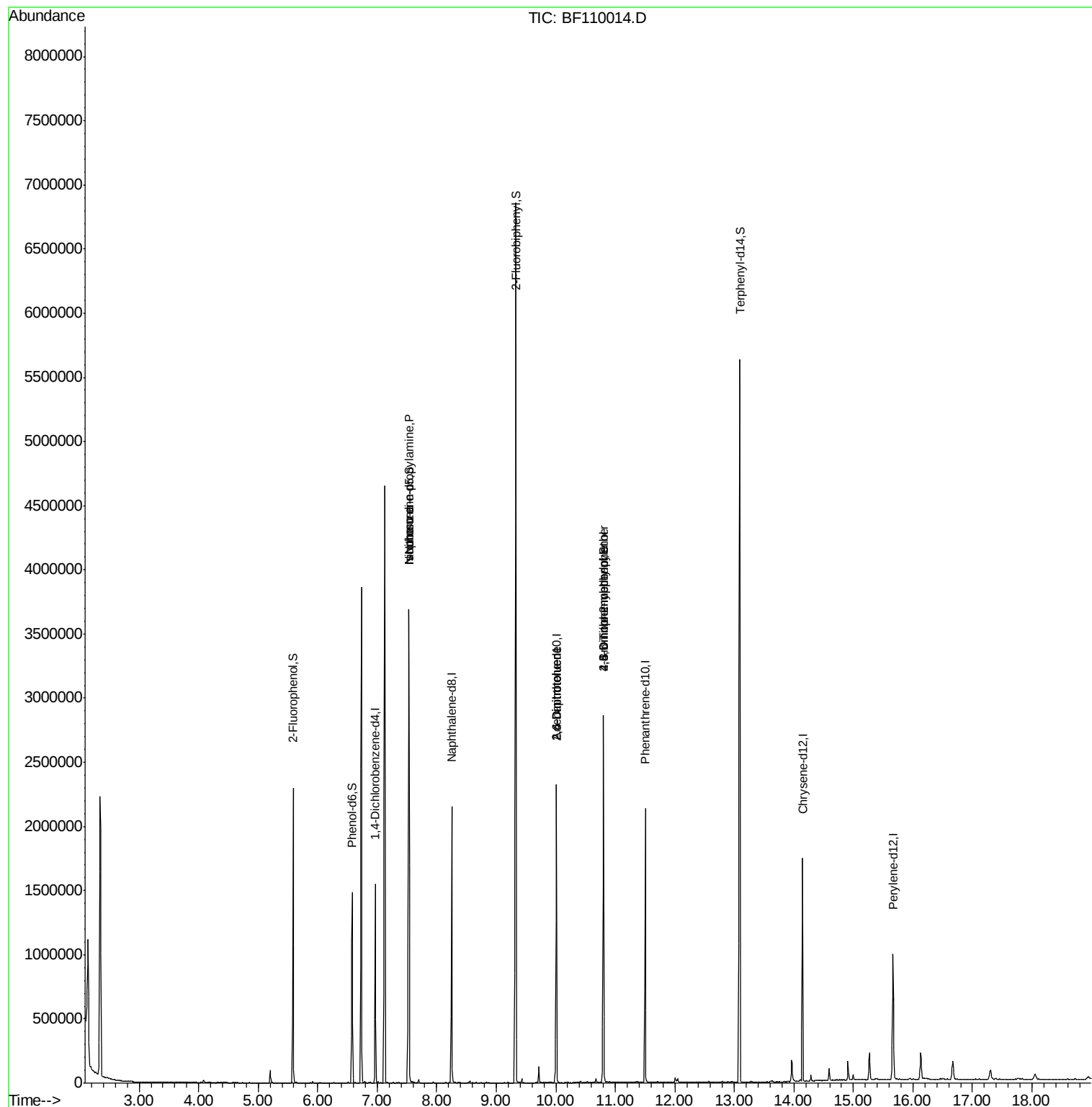
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	228037	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	951697	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	439742	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	781730	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	539238	20.00	ng	-0.02
87) Perylene-d12	15.66	264	387013	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	566548	39.38	ng	-0.01
7) Phenol-d6	6.58	99	442303	24.76	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1365020	96.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	357810	93.98	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2349370	85.25	ng	-0.01
79) Terphenyl-d14	13.09	244	2064374	80.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	184045	16.046	ng	# 80
25) Isophorone	7.53	82	1361217	49.036	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	57204	9.672	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	57204	11.509	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	796	8.139	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	22350	2.638	ng	# 1

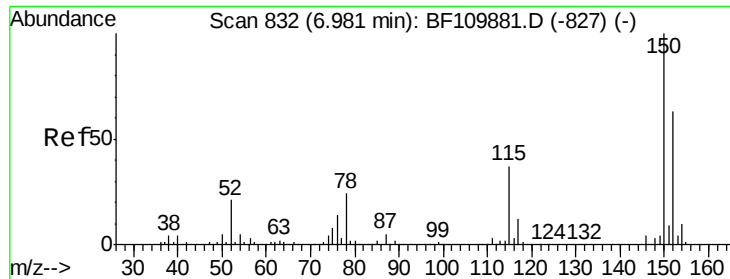
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
Response via : Initial Calibration



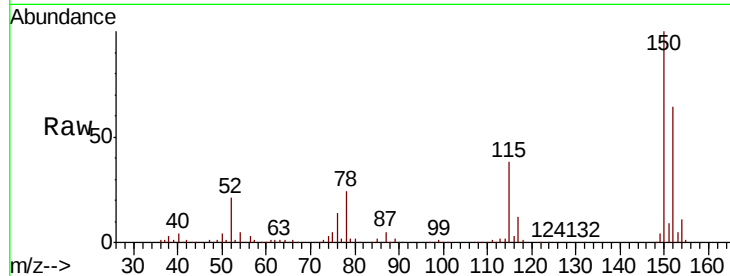


#1

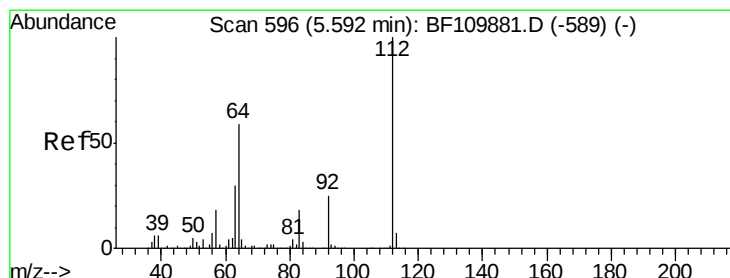
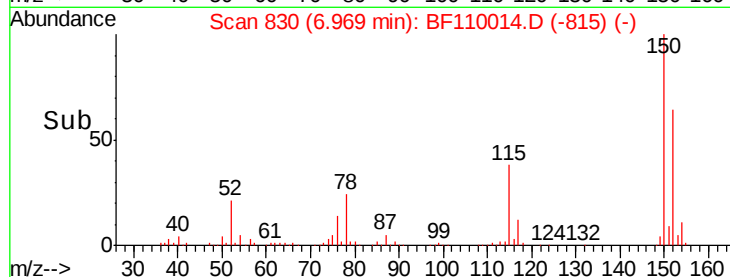
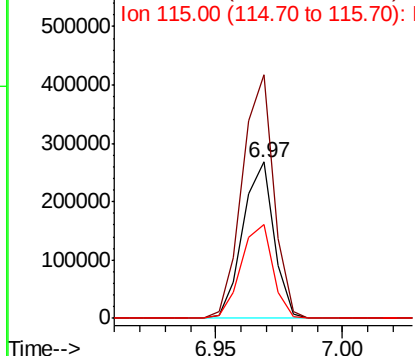
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110014.D
Acq: 19 Oct 2018 20:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	59.9	49.1	73.7



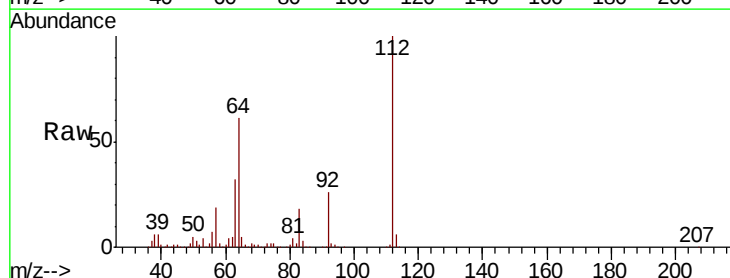
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



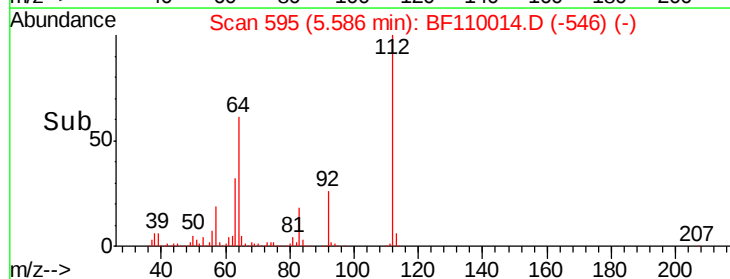
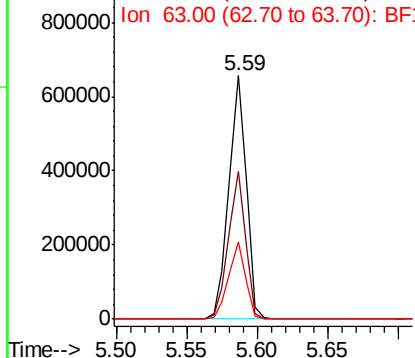
#5

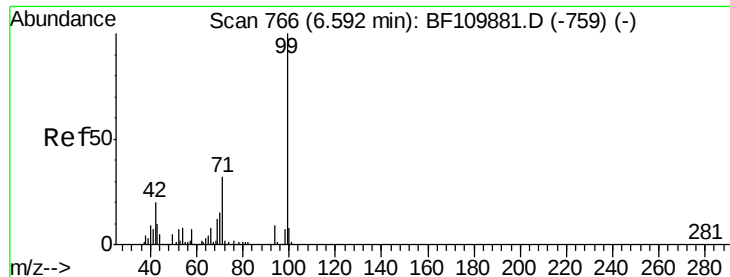
2-Fluorophenol
Concen: 39.382 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110014.D
Acq: 19 Oct 2018 20:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	44.1	66.1
63	31.8	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: 24.760 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110014.D

Acq: 19 Oct 2018 20:30

Instrument :

BNA_F

ClientSampleId :

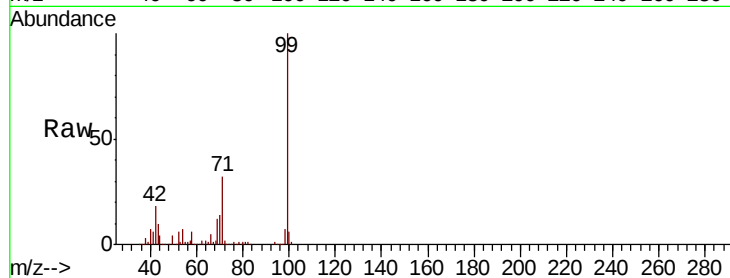
Tot Ion: 99 Resp: 442303

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

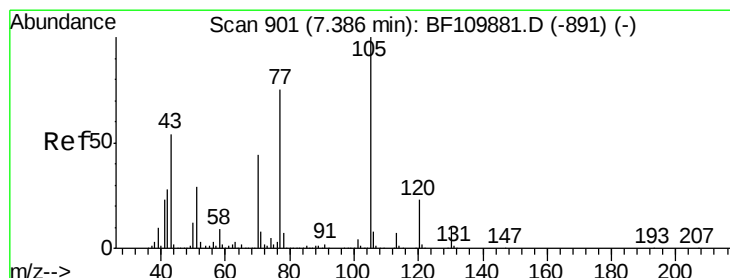
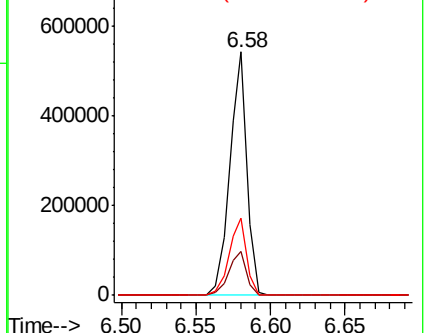
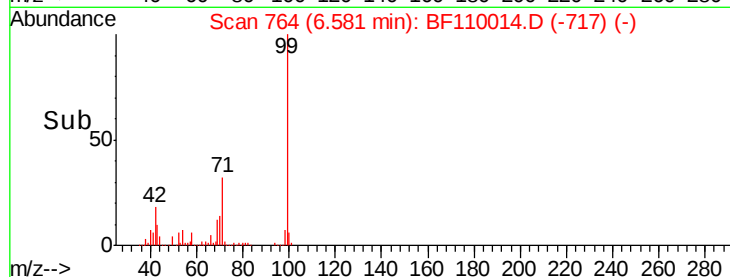
71 31.8 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.046 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110014.D

Acq: 19 Oct 2018 20:30

Tgt Ion: 70 Resp: 184045

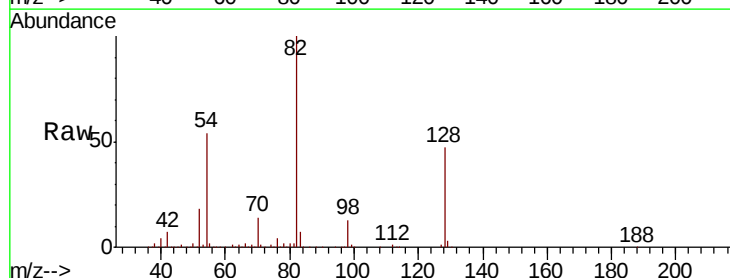
Ion Ratio Lower Upper

70 100

42 50.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

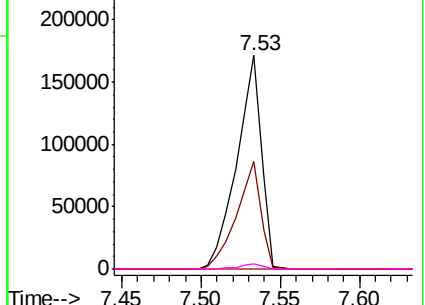
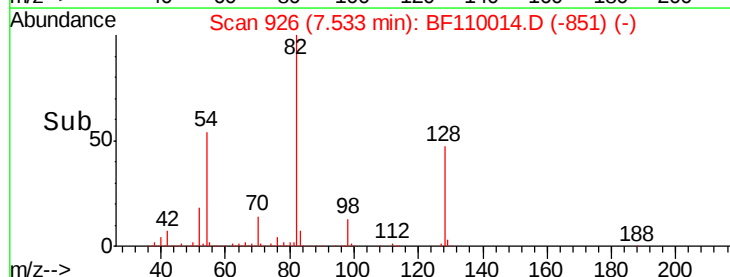


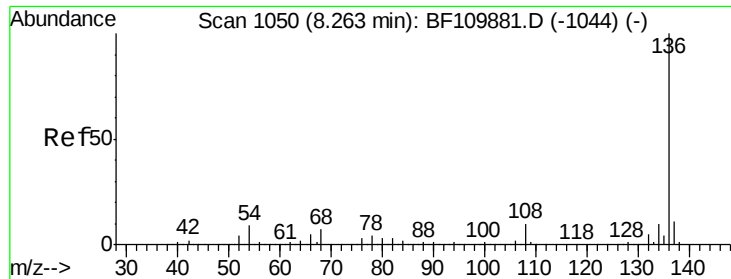
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

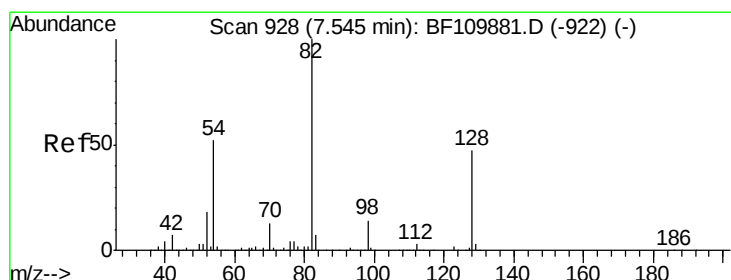
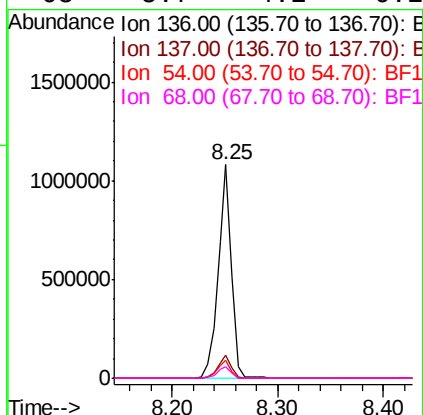
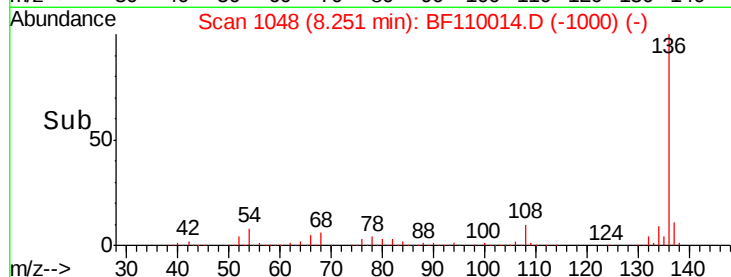
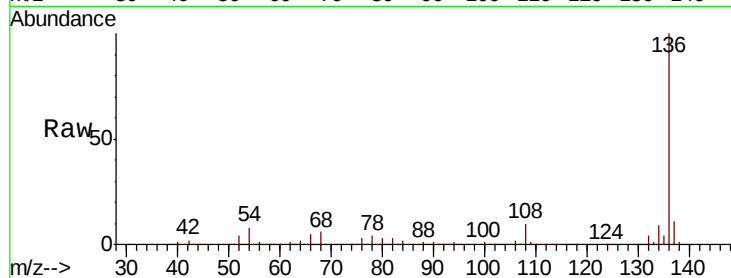




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110014.D
Acq: 19 Oct 2018 20:30

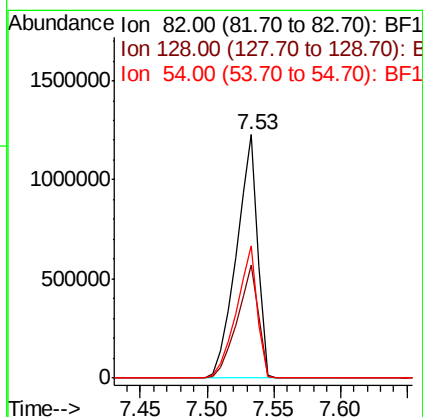
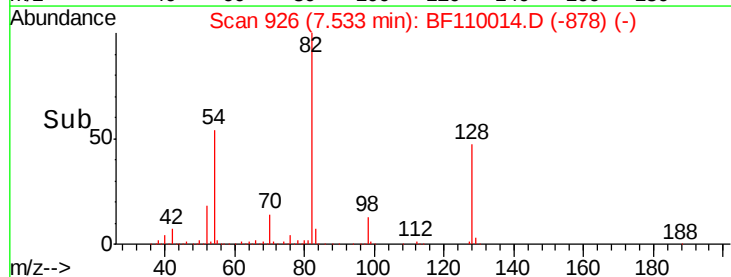
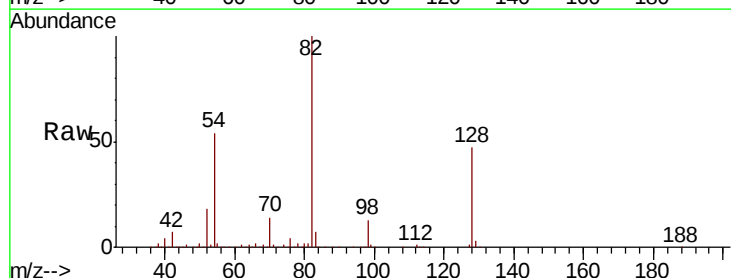
Instrument :
BNA_F
ClientSampleId :

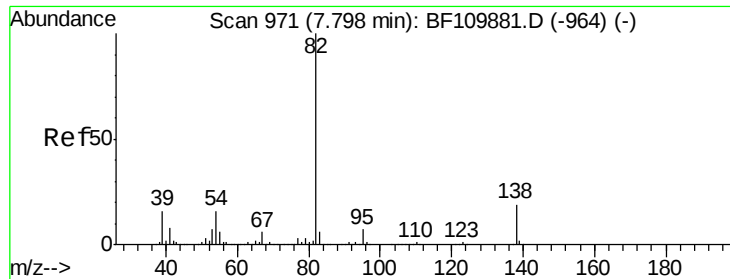
Tot Ion:136	Resp:	951697
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	8.3	5.4 8.2#
68	5.7	4.2 6.2



#23
Nitrobenzene-d5
Concen: 96.620 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110014.D
Acq: 19 Oct 2018 20:30

Tgt Ion: 82	Resp:	1365020
Ion	Ratio	Lower Upper
82	100	
128	46.6	34.2 51.2
54	54.2	38.6 58.0

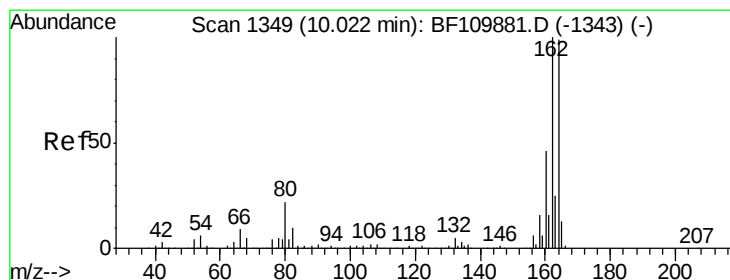
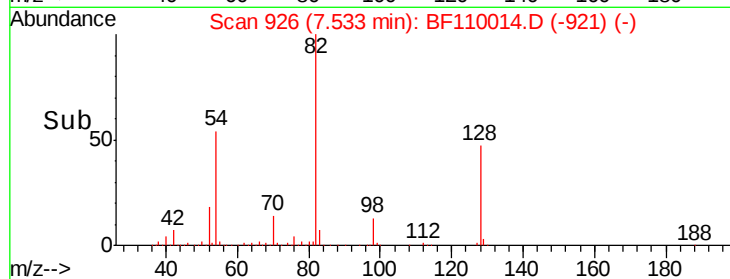
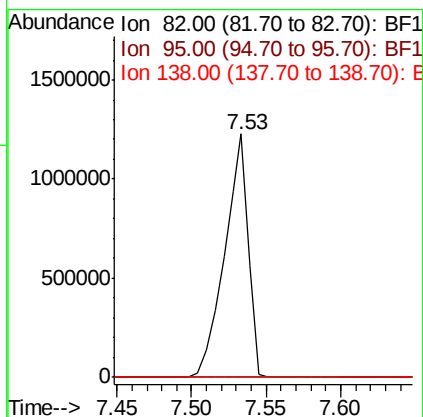
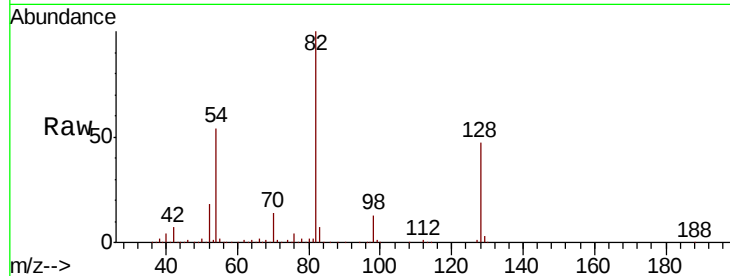




#25
Isophorone
Concen: 49.036 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110014.D
Acq: 19 Oct 2018 20:30

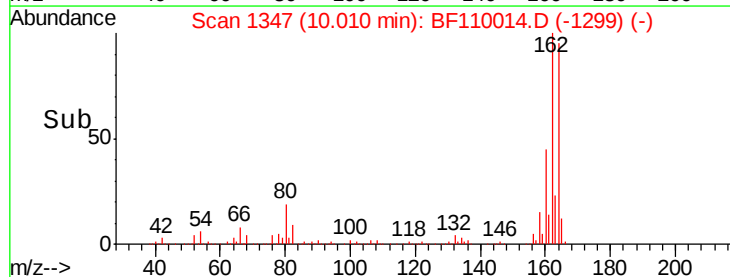
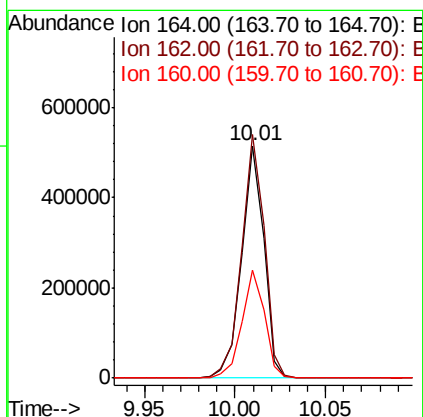
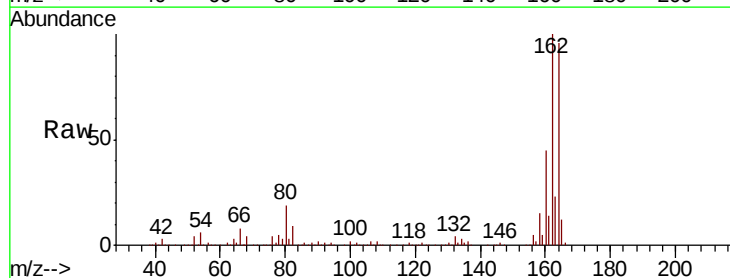
Instrument :
BNA_F
ClientSampleId :

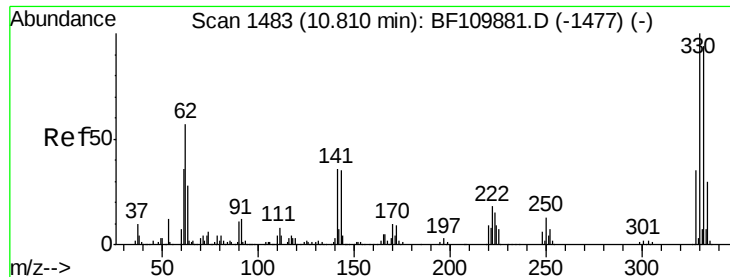
Tot Ion: 82 Resp: 1361217
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110014.D
Acq: 19 Oct 2018 20:30

Tgt Ion:164 Resp: 439742
Ion Ratio Lower Upper
164 100
162 104.7 83.0 124.6
160 46.7 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 93.983 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110014.D

Acq: 19 Oct 2018 20:30

Instrument :

BNA_F

ClientSampled :

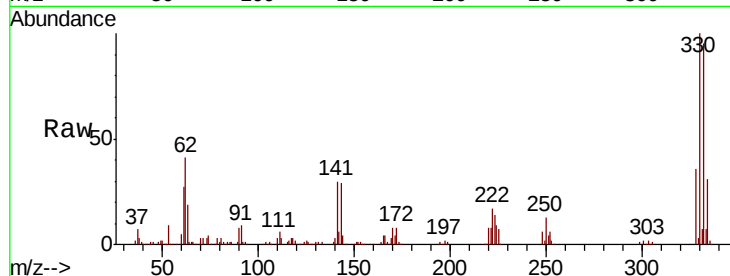
Tot Ion:330 Resp: 357810

Ion Ratio Lower Upper

330 100

332 94.8 77.1 115.7

141 36.1 27.0 40.4

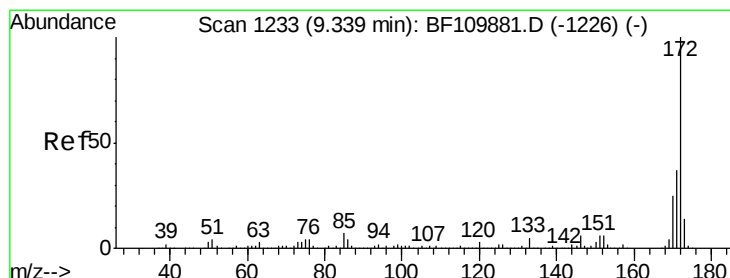
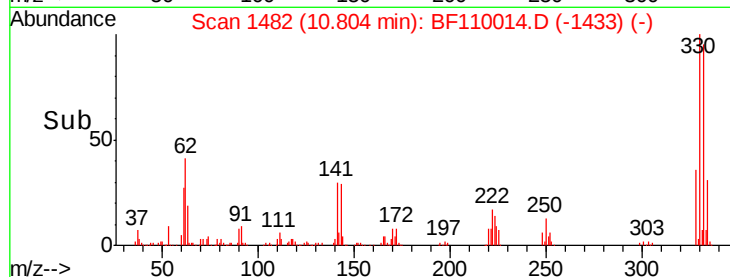
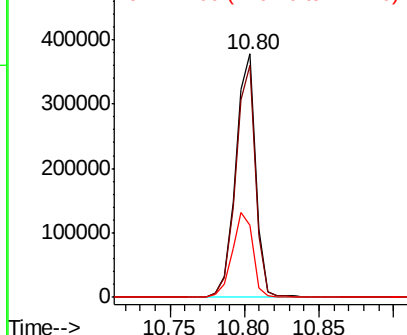


Abundance

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: 85.250 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110014.D

Acq: 19 Oct 2018 20:30

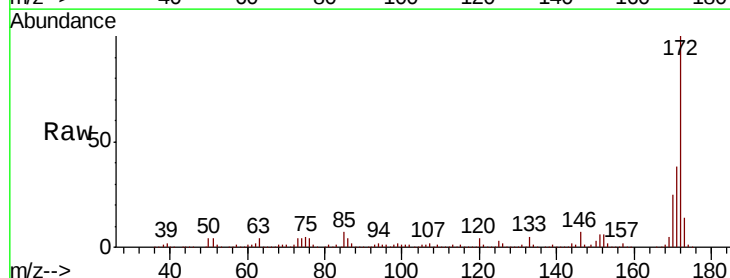
Tgt Ion:172 Resp: 2349370

Ion Ratio Lower Upper

172 100

171 37.6 28.6 43.0

170 24.9 19.7 29.5

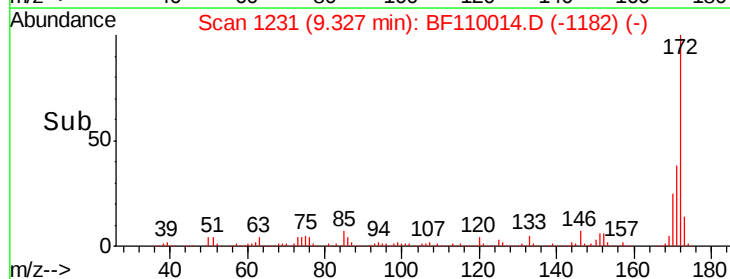
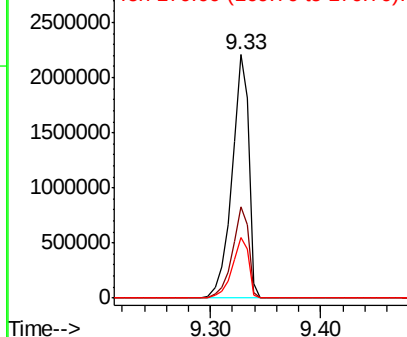


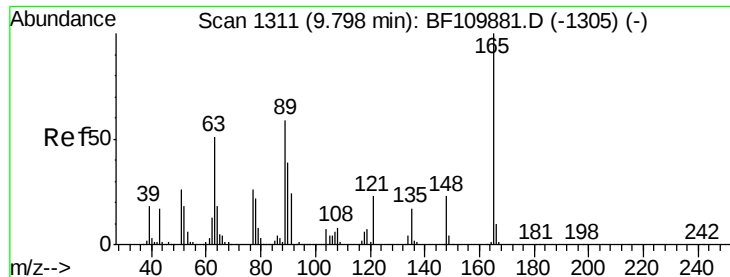
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 9.672 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110014.D

Acq: 19 Oct 2018 20:30

Instrument :

BNA_F

ClientSampleId :

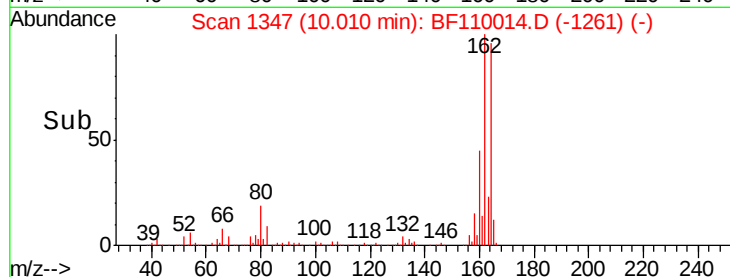
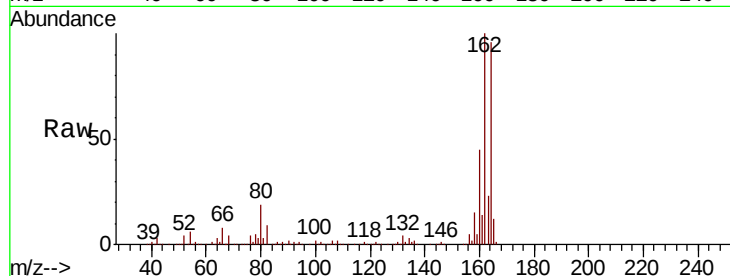
Tot Ion:165 Resp: 57204

Ion Ratio Lower Upper

165 100

63 1.7 48.9 73.3#

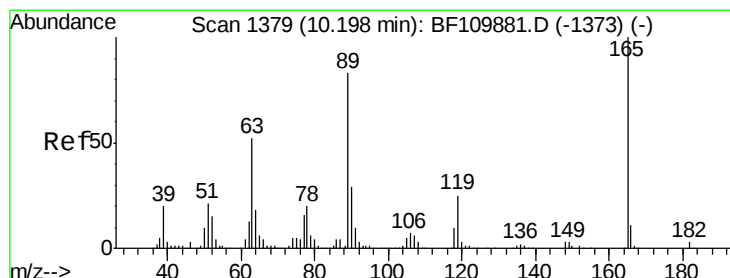
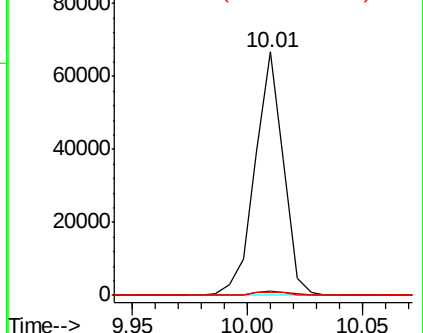
89 1.3 46.6 69.8#



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



#57

2,4-Dinitrotoluene

Concen: 11.509 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110014.D

Acq: 19 Oct 2018 20:30

Tgt Ion:165 Resp: 57204

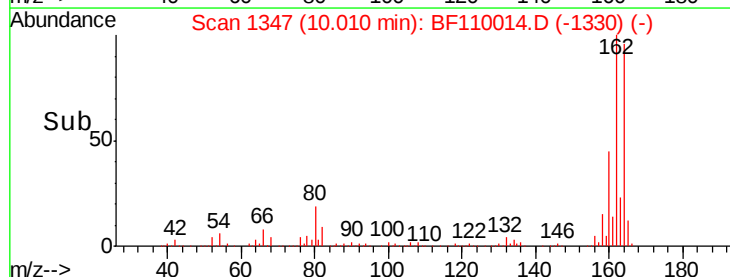
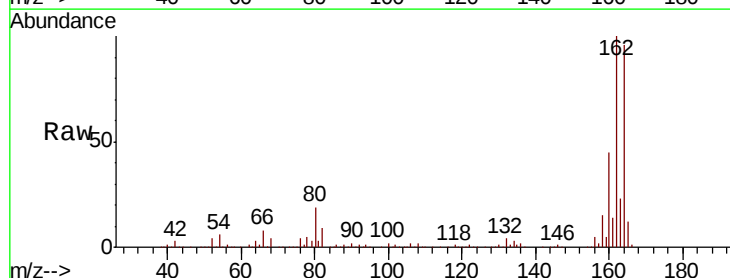
Ion Ratio Lower Upper

165 100

63 1.7 44.8 67.2#

89 1.3 62.2 93.4#

182 0.0 2.1 3.1#

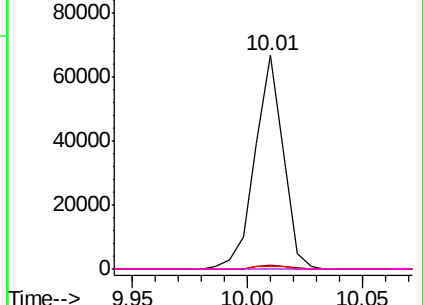


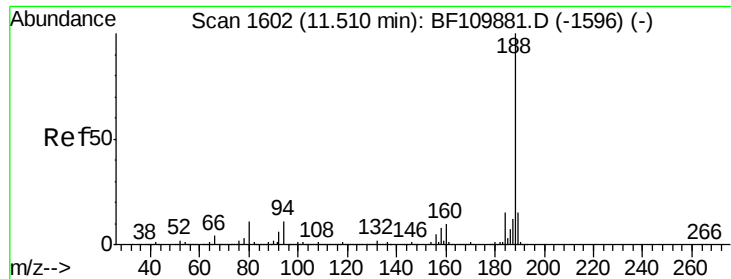
Abundance Ion 165.00 (164.70 to 165.70): E

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

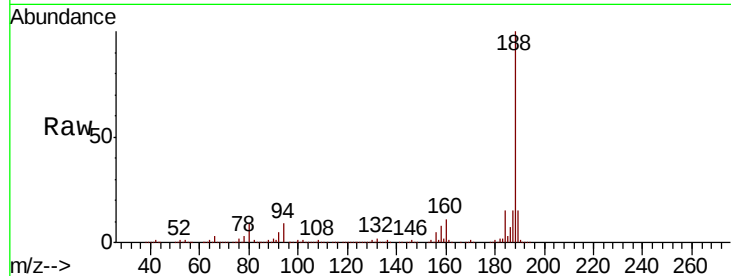




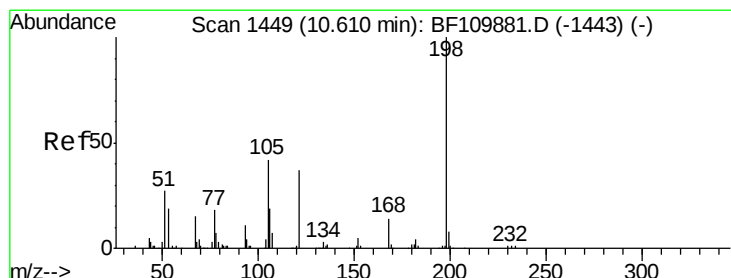
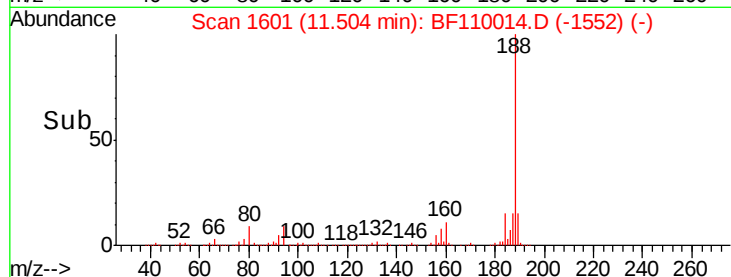
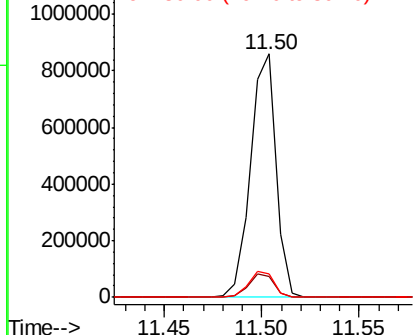
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110014.D
Acq: 19 Oct 2018 20:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 781730
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.5 7.9 11.9

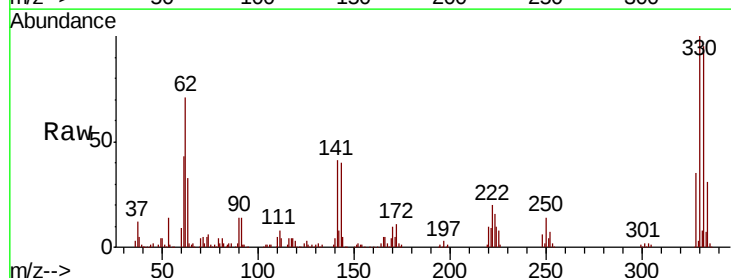


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

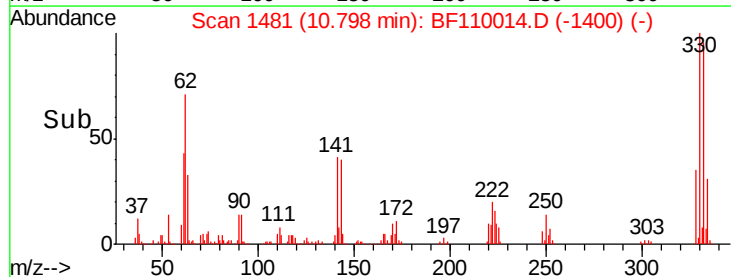
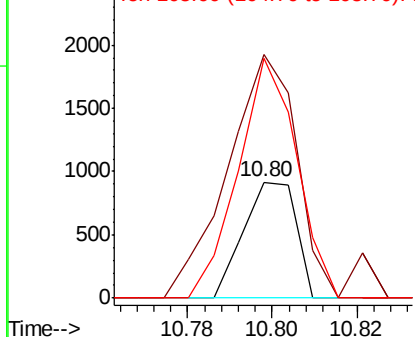


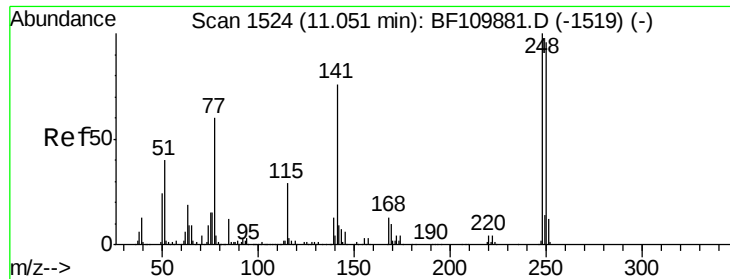
#65
4,6-Dinitro-2-methylphenol
Concen: 8.139 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF110014.D
Acq: 19 Oct 2018 20:30

Tgt Ion:198 Resp: 796
Ion Ratio Lower Upper
198 100
51 209.7 22.8 62.8#
105 206.0 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

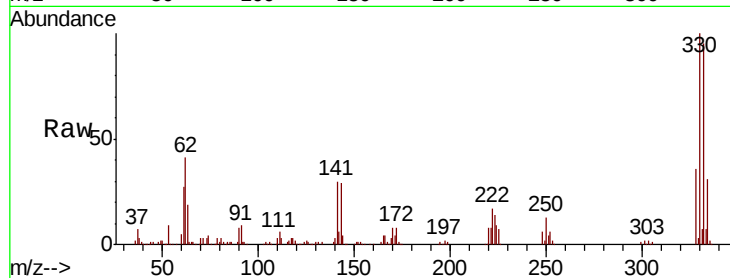




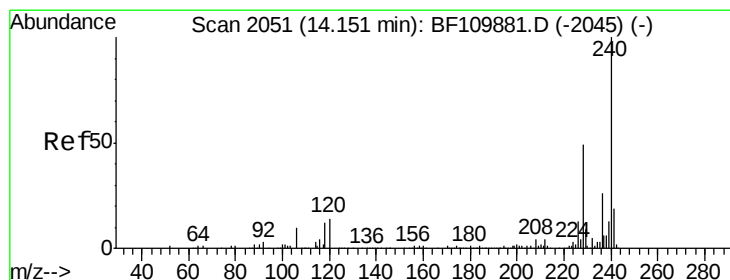
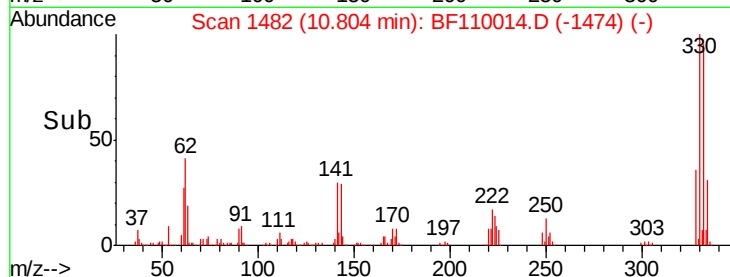
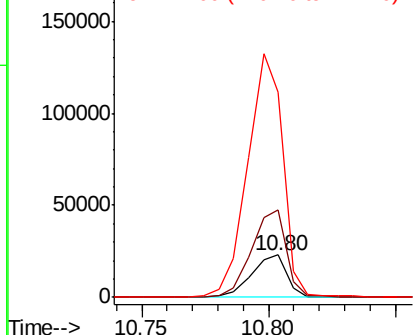
#67
4-Bromophenyl-phenylether
Concen: 2.638 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110014.D
Acq: 19 Oct 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22350
Ion Ratio Lower Upper
248 100
250 207.4 79.4 119.2#
141 487.0 55.9 83.9#

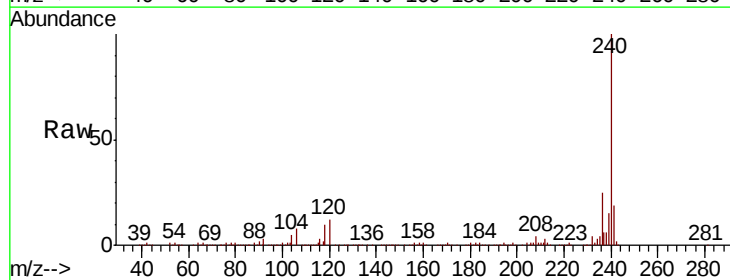


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

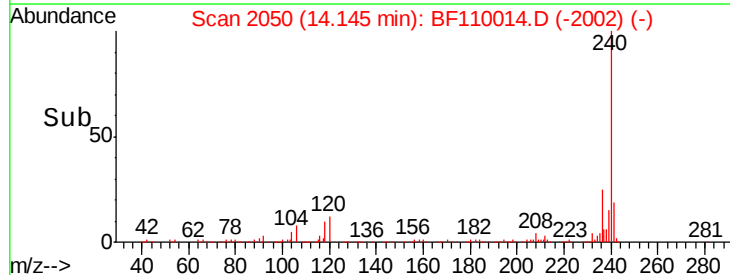
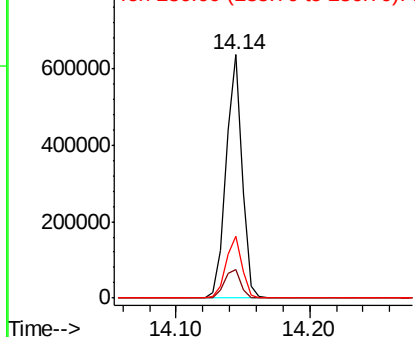


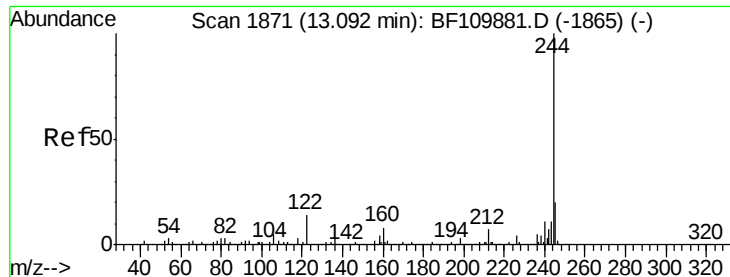
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110014.D
Acq: 19 Oct 2018 20:30

Tgt Ion:240 Resp: 539238
Ion Ratio Lower Upper
240 100
120 11.6 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

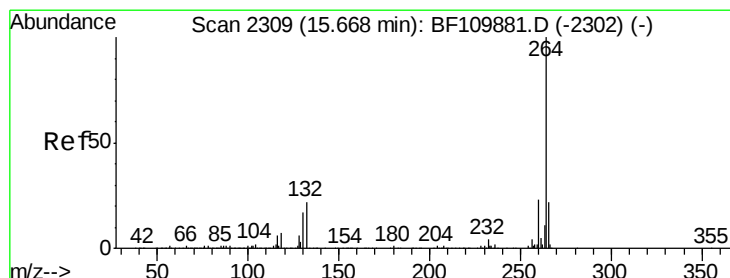
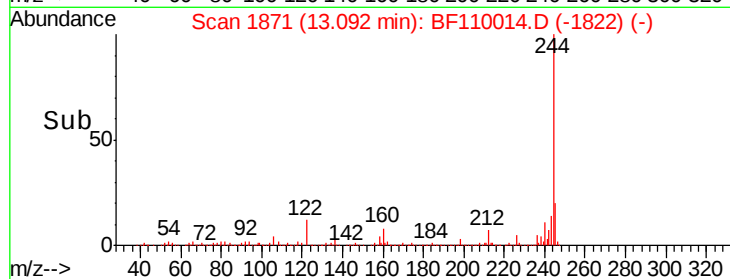
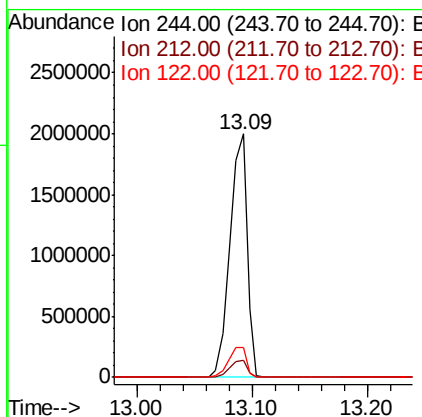
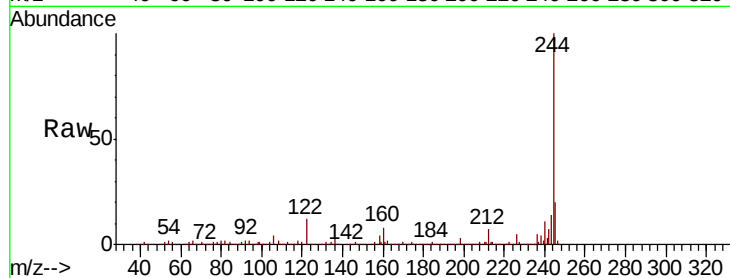




#79
 Terphenyl-d14
 Concen: 80.392 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110014.D
 Acq: 19 Oct 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2064374
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 12.0 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.03 min
 Lab File: BF110014.D
 Acq: 19 Oct 2018 20:30

Tgt Ion:264 Resp: 387013
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.7 28.1
 265 21.0 16.7 25.1

