

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110005.D
 Acq On : 19 Oct 2018 16:28
 Operator : JU/SJ
 Sample : J5538-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:07:34 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

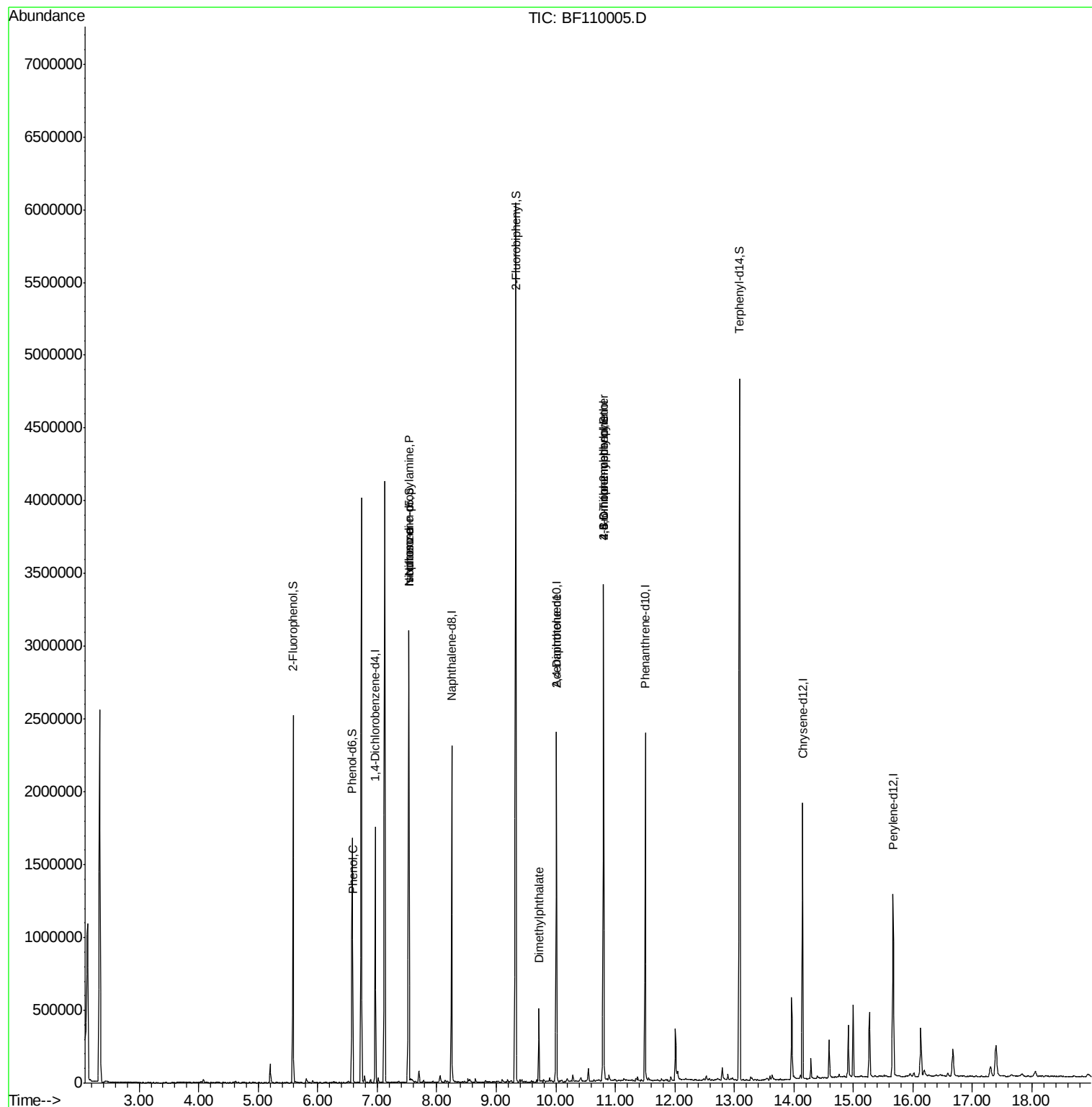
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	251223	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	985996	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	464578	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	835432	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	586741	20.00	ng	-0.02
87) Perylene-d12	15.67	264	412345	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	651139	41.08	ng	-0.01
7) Phenol-d6	6.58	99	504366	25.63	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1111147	75.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	421650	104.83	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1944716	66.79	ng	-0.01
79) Terphenyl-d14	13.09	244	1757002	62.88	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	86052	4.050	ng	# 62
19) n-Nitroso-di-n-propylamine	7.53	70	148533	11.755	ng	# 77
25) Isophorone	7.53	82	1108318	38.537	ng	# 67
50) Dimethylphthalate	9.72	163	182433	5.546	ng	# 99
57) 2,4-Dinitrotoluene	10.01	165	59254	11.374	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	659	8.086	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	27232	3.008	ng	# 1

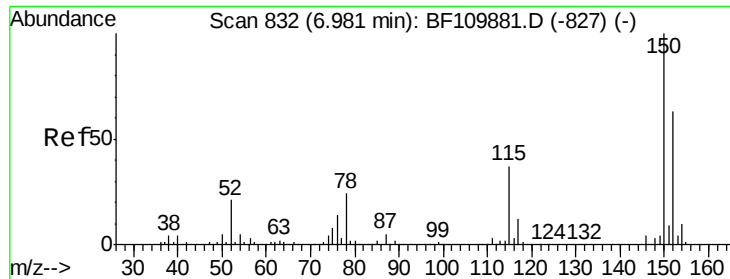
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 20 00:07:34 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



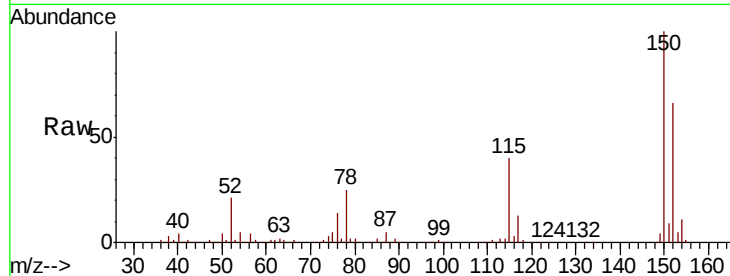


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	122.7	184.1
115	60.5	49.1	73.7

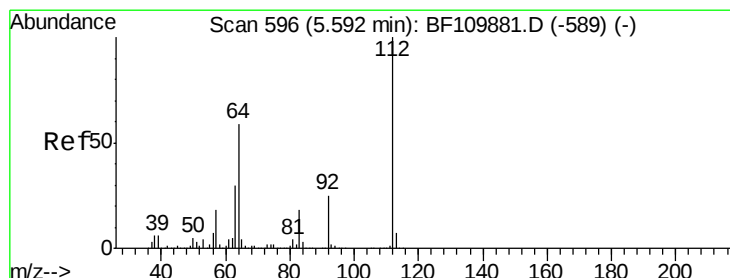
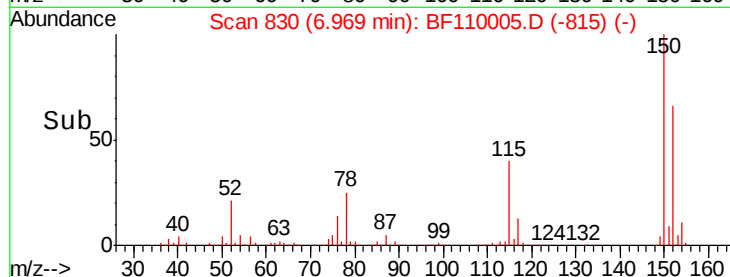
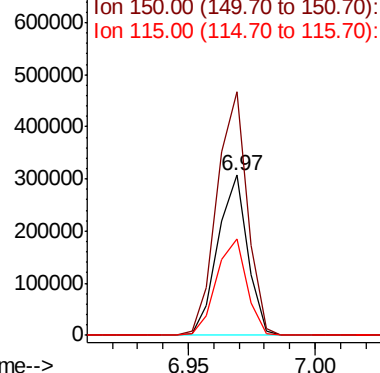


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

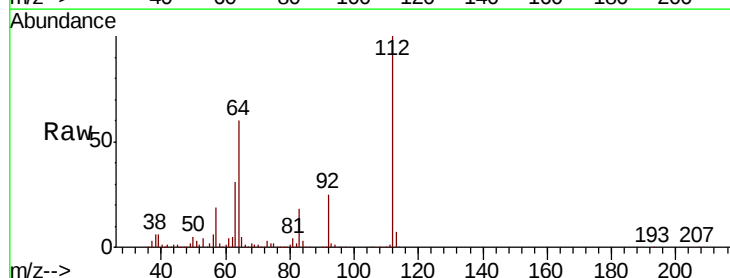
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.085 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.1	66.1
63	30.7	23.7	35.5

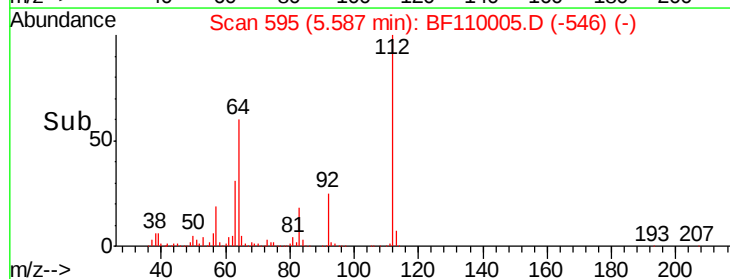
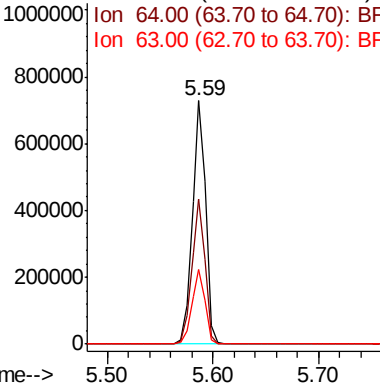


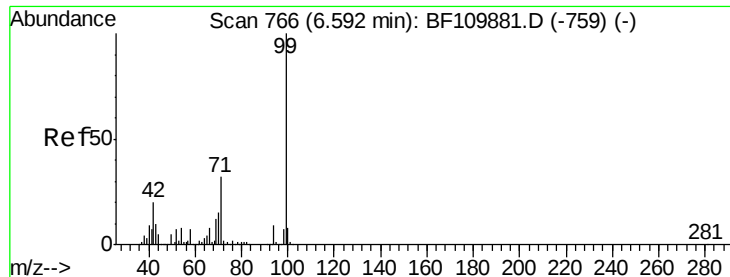
Abundance

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: 25.628 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110005.D

Acq: 19 Oct 2018 16:28

Instrument :

BNA_F

ClientSampleId :

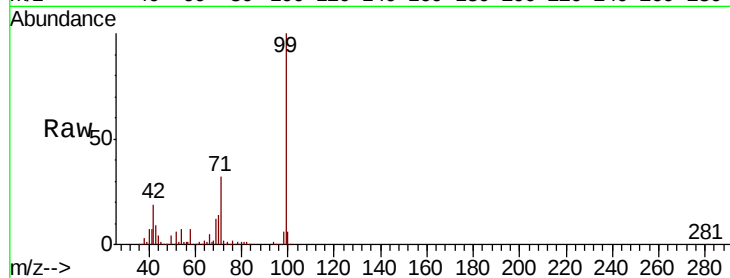
Tot Ion: 99 Resp: 504366

Ion Ratio Lower Upper

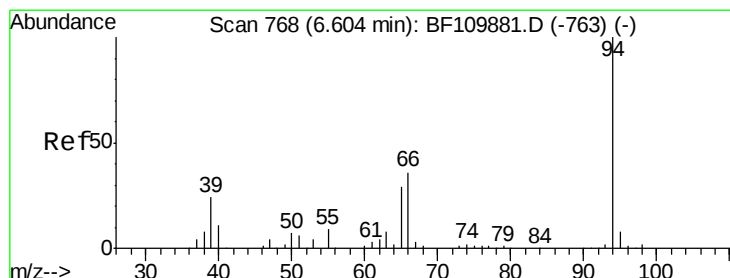
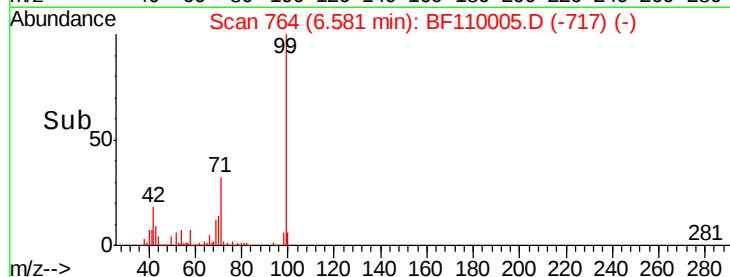
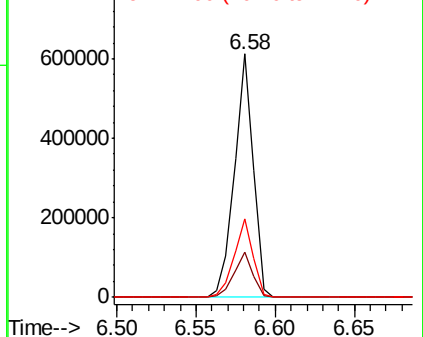
99 100

42 18.5 15.8 23.6

71 32.1 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: 4.050 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110005.D

Acq: 19 Oct 2018 16:28

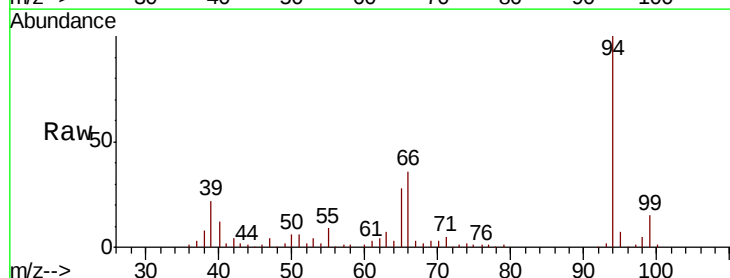
Tgt Ion: 94 Resp: 86052

Ion Ratio Lower Upper

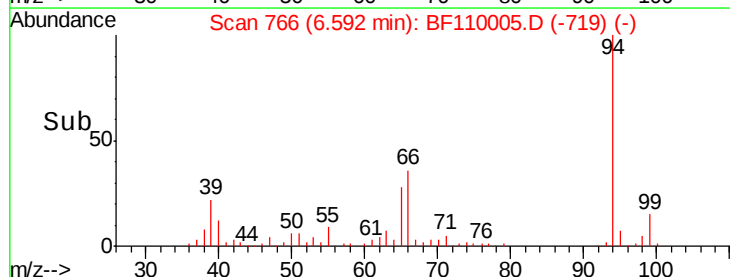
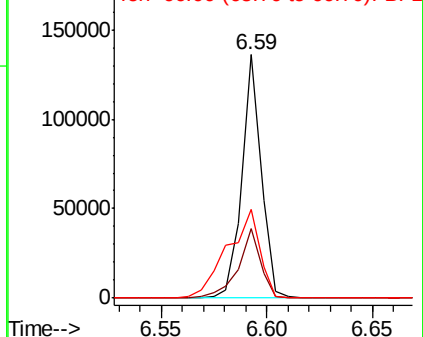
94 100

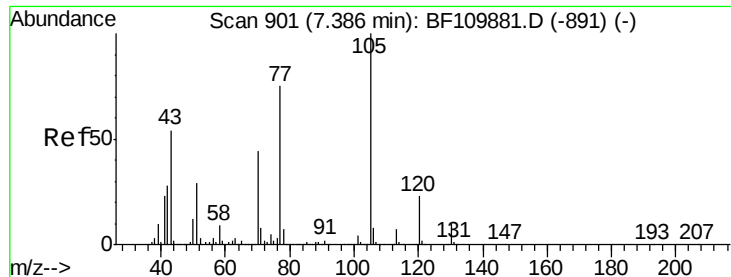
65 28.4 25.3 65.3

66 36.4 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

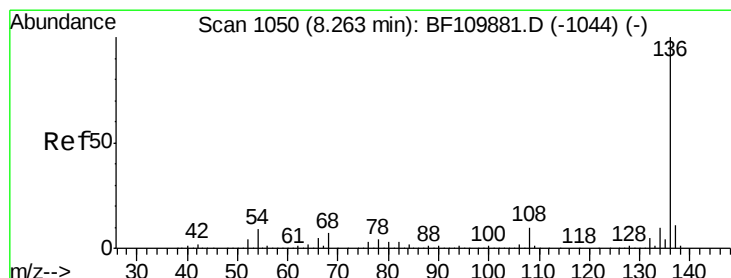
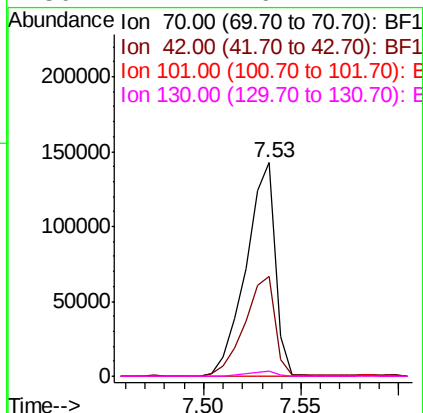
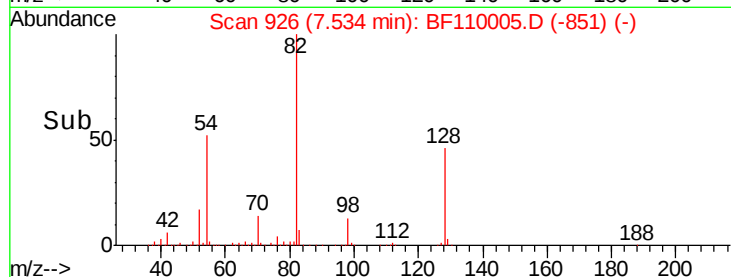
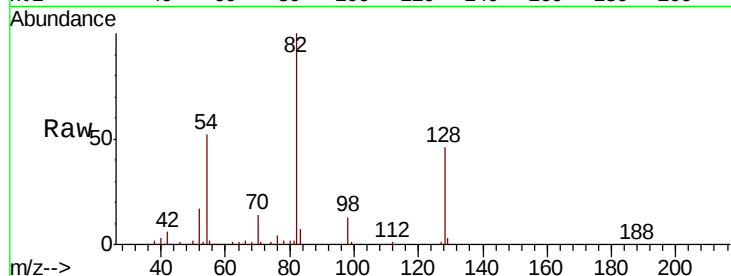




#19
n-Nitroso-di-n-propylamine
Concen: 11.755 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

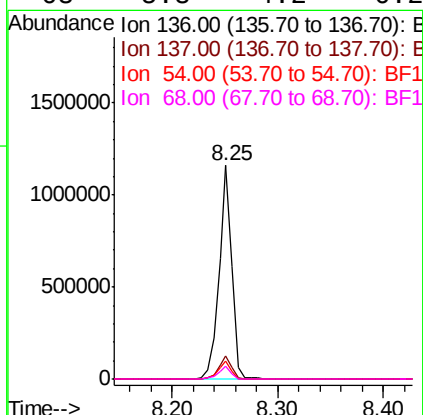
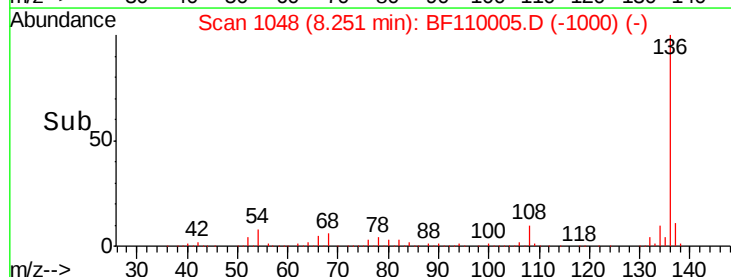
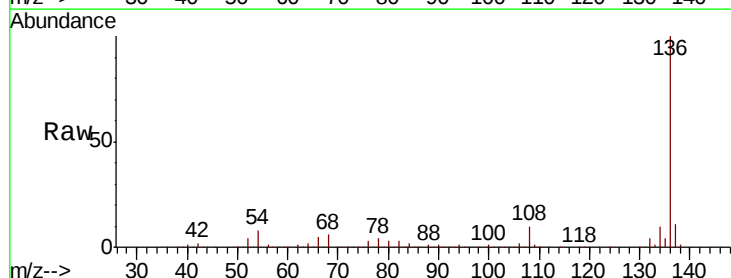
Instrument :
BNA_F
ClientSampleId :

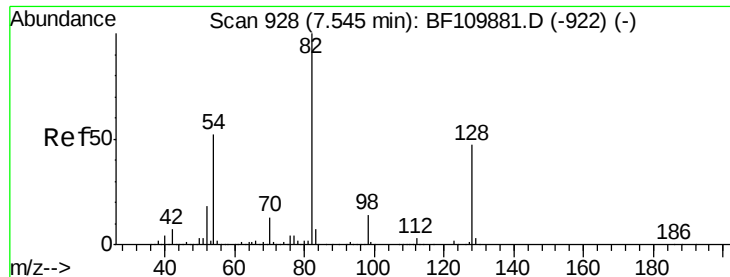
Tot Ion: 70 Resp: 148533
Ion Ratio Lower Upper
70 100
42 46.6 47.4 71.2#
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

Tgt Ion:136 Resp: 985996
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 5.4 8.2#
68 5.8 4.2 6.2

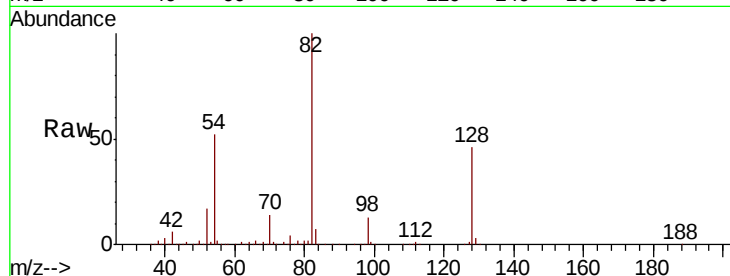




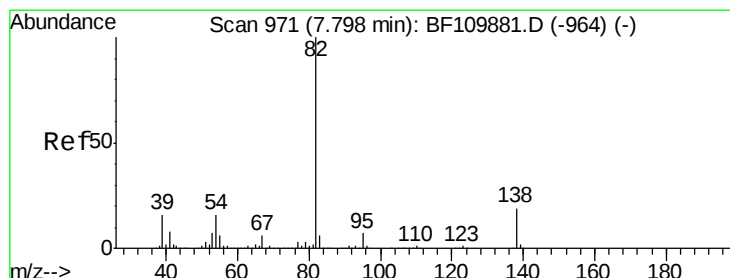
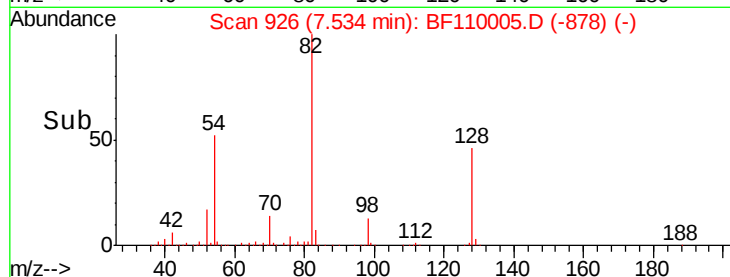
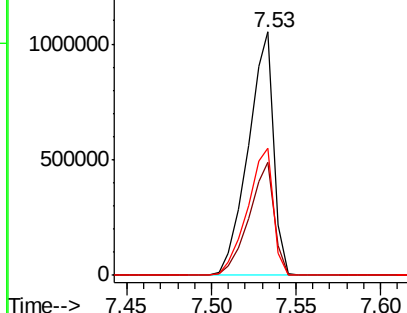
#23
Nitrobenzene-d5
Concen: 75.914 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1111147
Ion Ratio Lower Upper
82 100
128 46.5 34.2 51.2
54 52.3 38.6 58.0

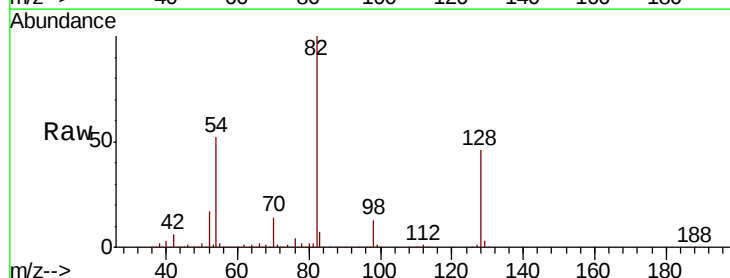


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

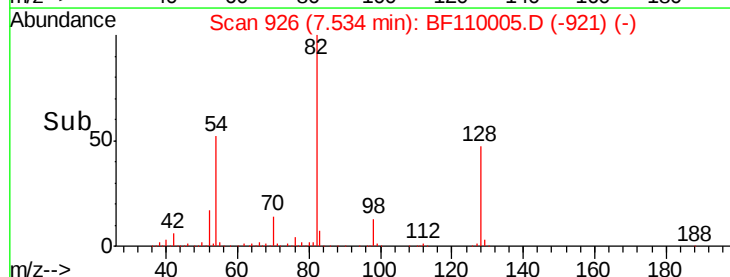
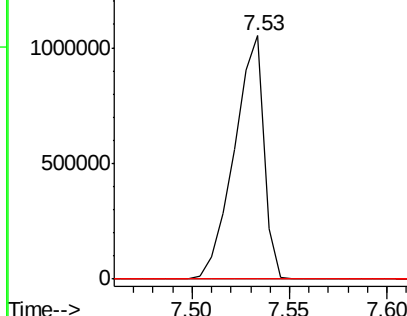


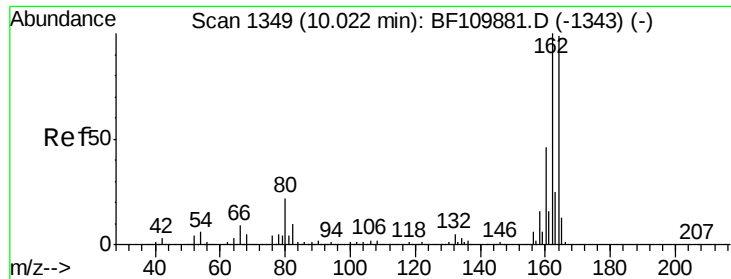
#25
Isophorone
Concen: 38.537 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

Tgt Ion: 82 Resp: 1108318
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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110005.D

Acq: 19 Oct 2018 16:28

Instrument :

BNA_F

ClientSampleId :

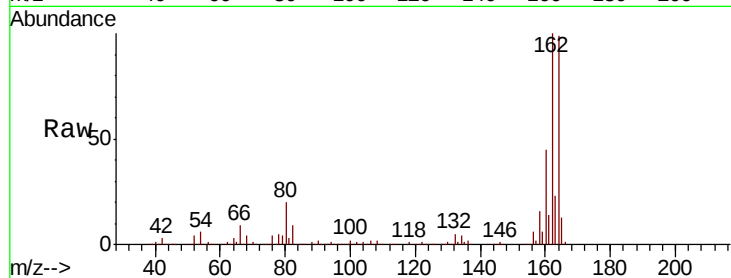
Tot Ion:164 Resp: 464578

Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.6

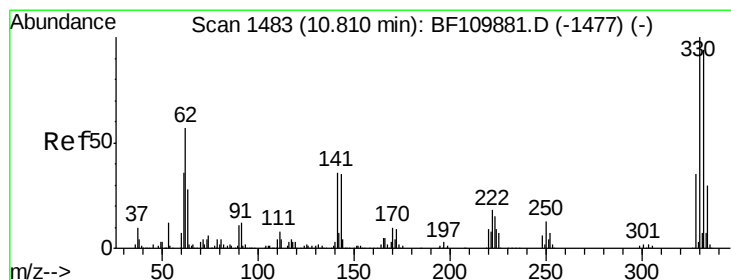
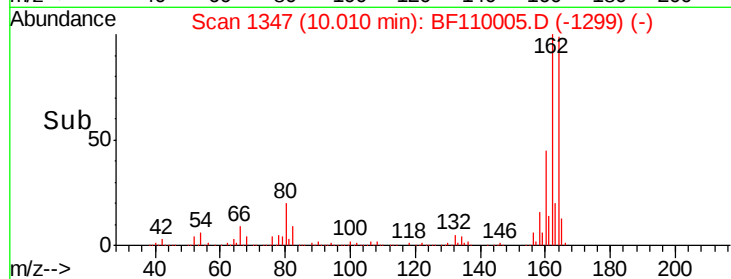
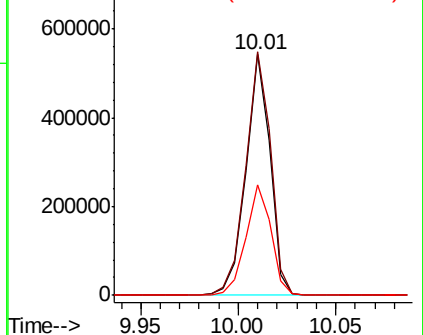
160 45.7 37.0 55.6



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: 104.831 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110005.D

Acq: 19 Oct 2018 16:28

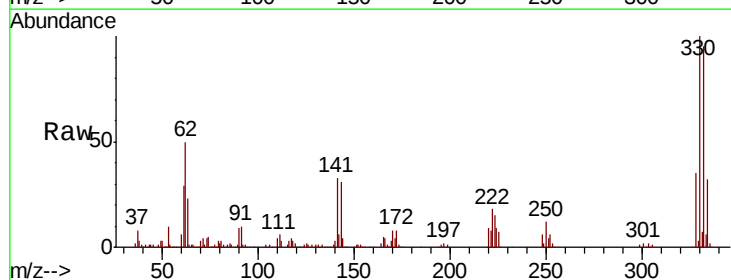
Tgt Ion:330 Resp: 421650

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

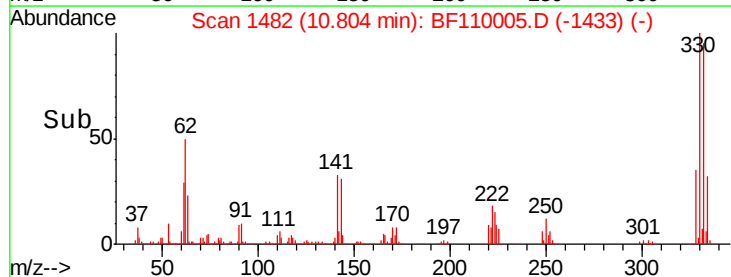
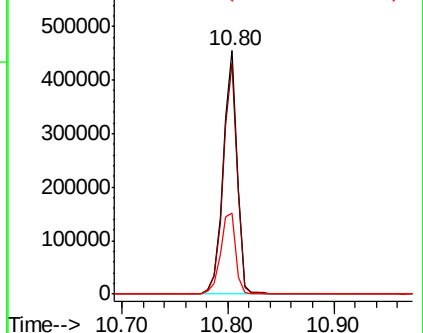
141 36.5 27.0 40.4

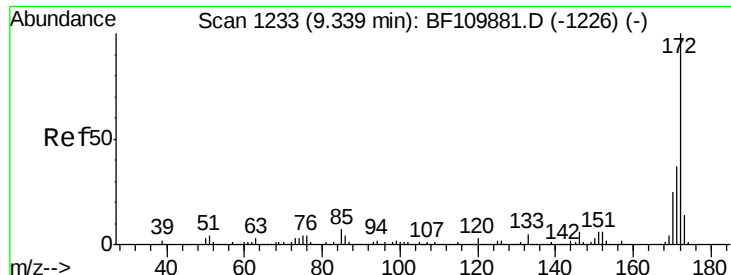


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

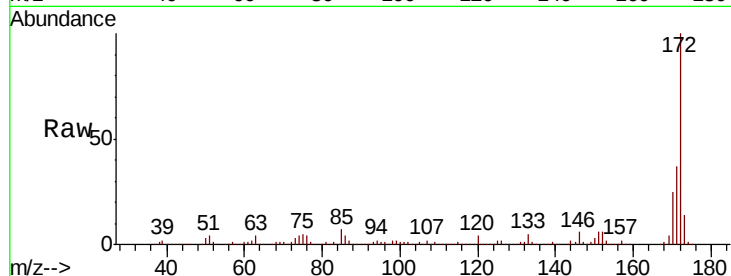




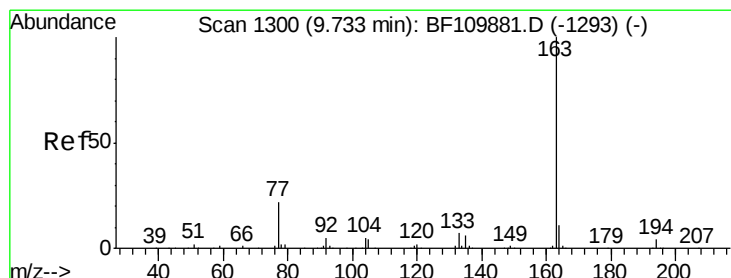
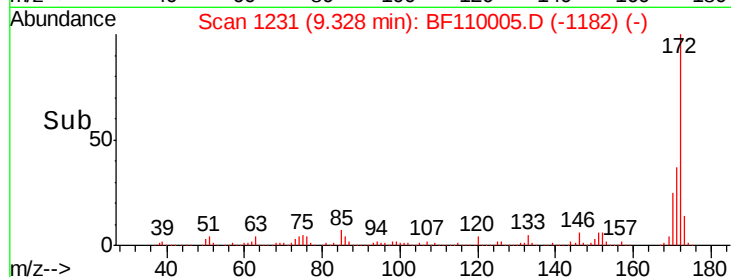
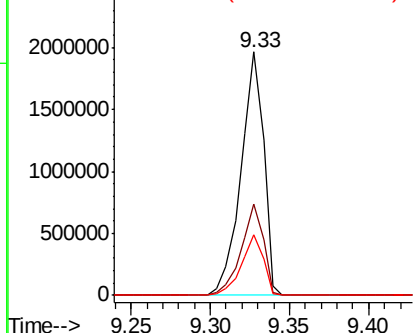
#45
2-Fluorobiphenyl
Concen: 66.794 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1944716
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 25.1 19.7 29.5

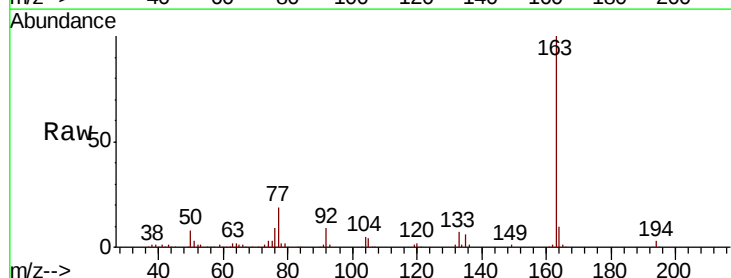


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

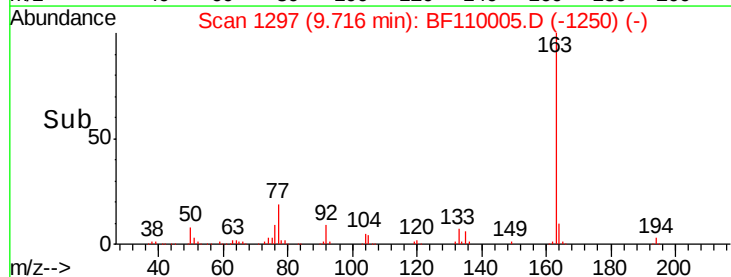
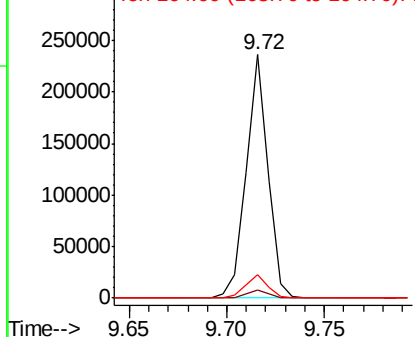


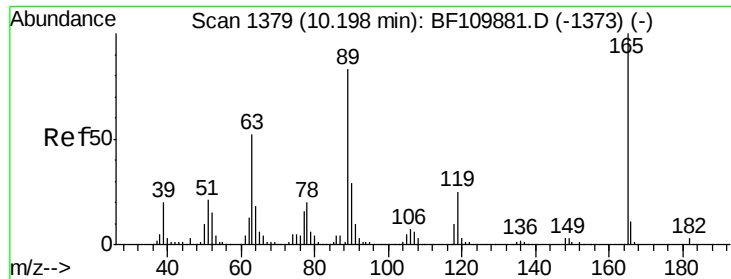
#50
Dimethylphthalate
Concen: 5.546 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

Tgt Ion:163 Resp: 182433
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 9.8 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

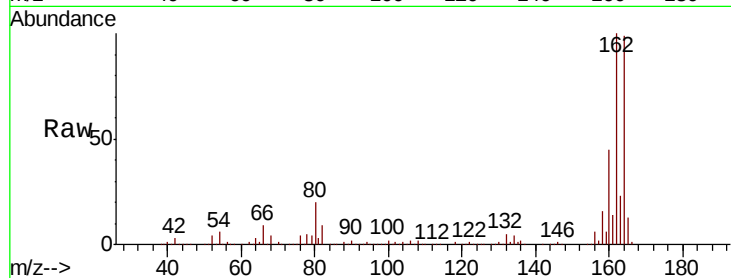




#57
2,4-Dinitrotoluene
Concen: 11.374 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#



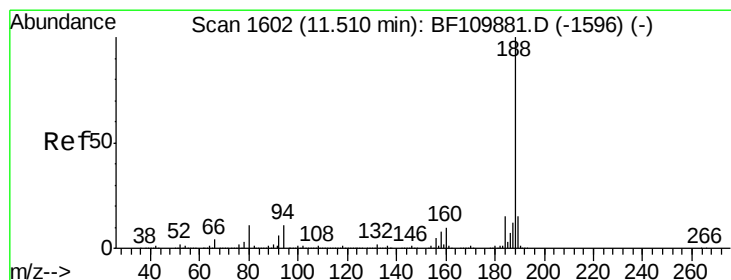
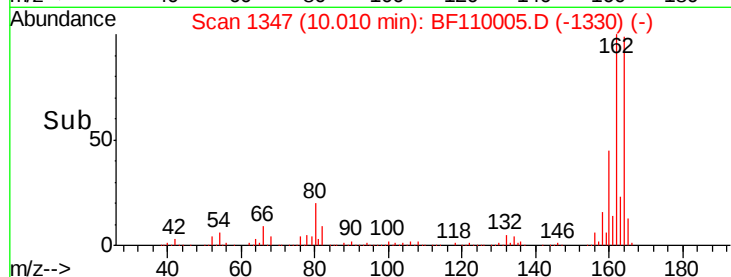
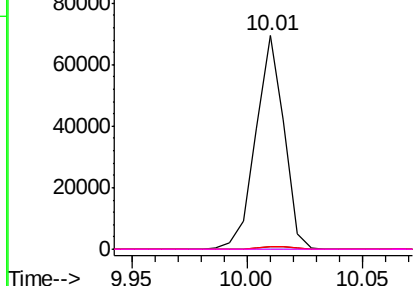
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

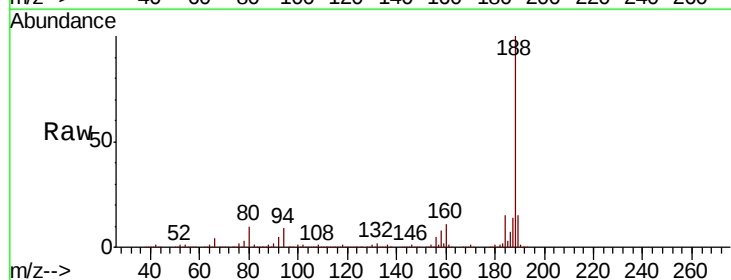
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.2	7.9	11.9

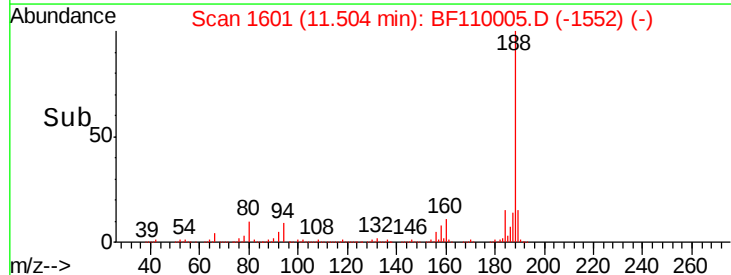
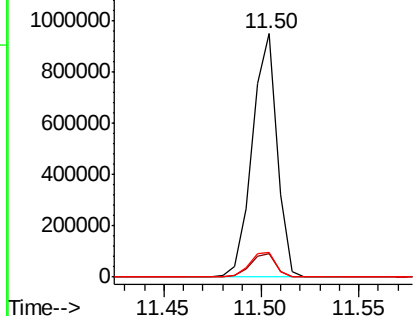


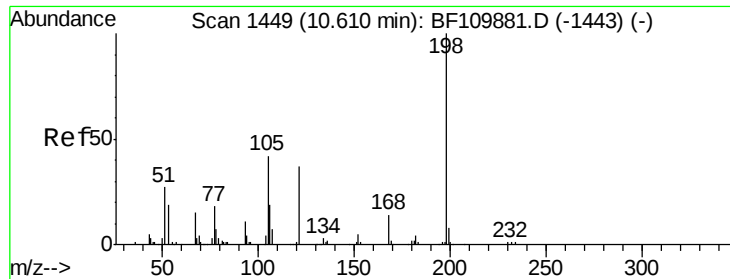
Abundance

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

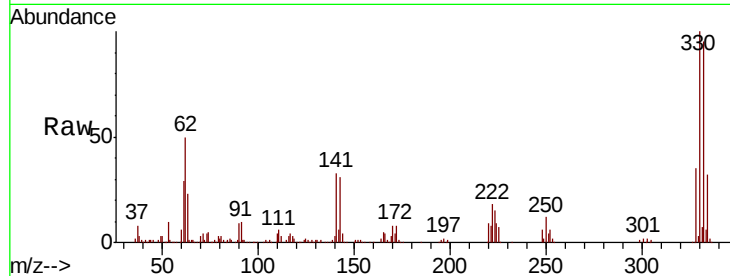




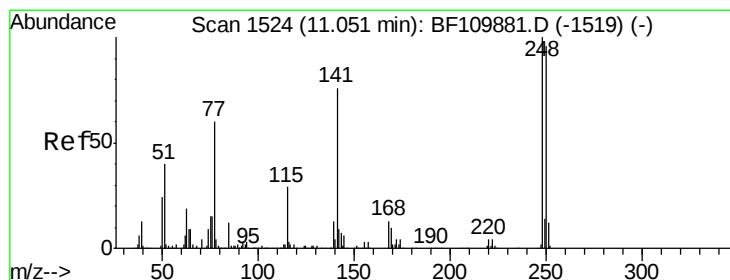
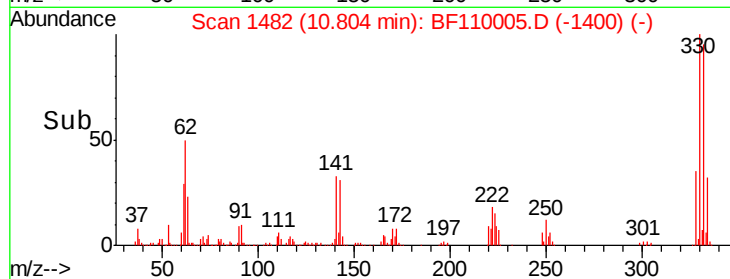
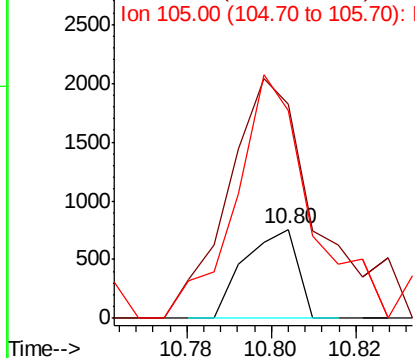
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.086 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.18 min
 Lab File: BF110005.D
 Acq: 19 Oct 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 659
 Ion Ratio Lower Upper
 198 100
 51 239.9 22.8 62.8#
 105 232.3 23.6 63.6#

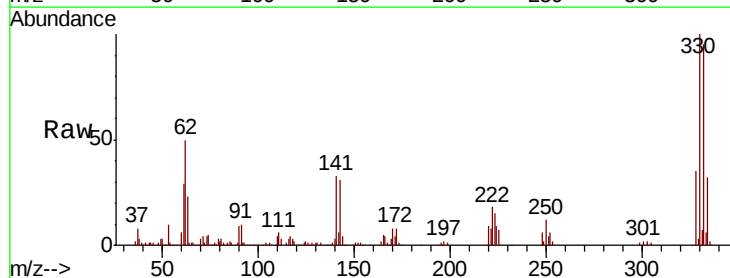


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

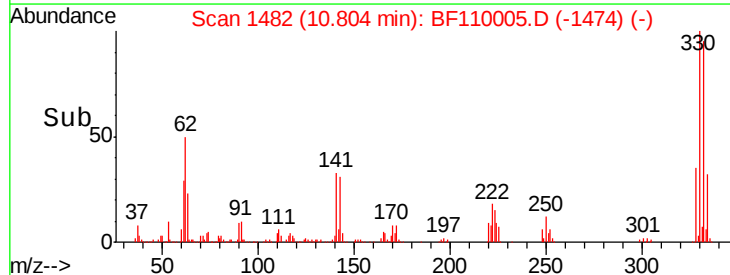
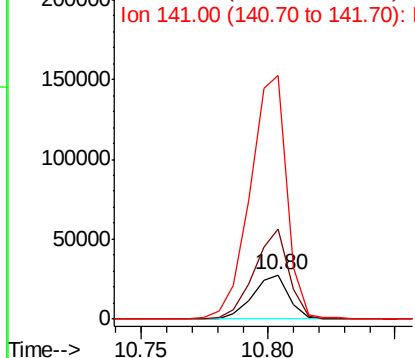


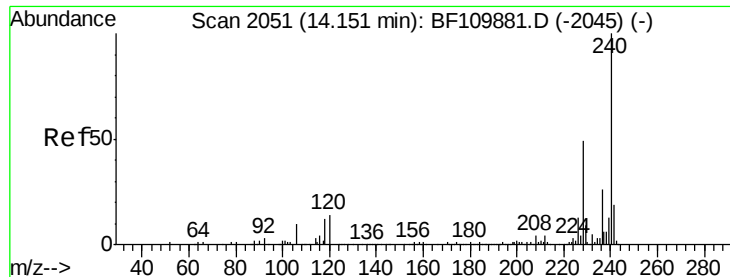
#67
 4-Bromophenyl-phenylether
 Concen: 3.008 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF110005.D
 Acq: 19 Oct 2018 16:28

Tgt Ion:248 Resp: 27232
 Ion Ratio Lower Upper
 248 100
 250 203.7 79.4 119.2#
 141 550.0 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

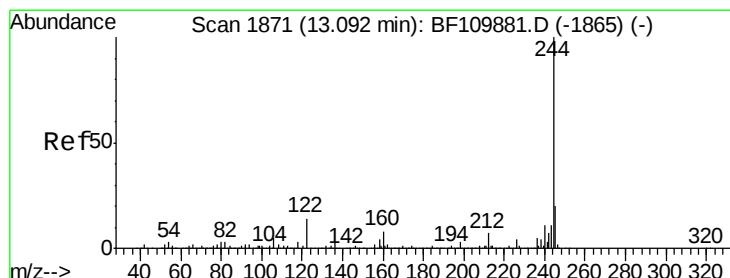
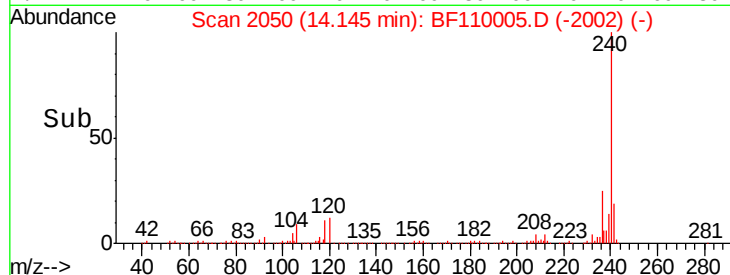
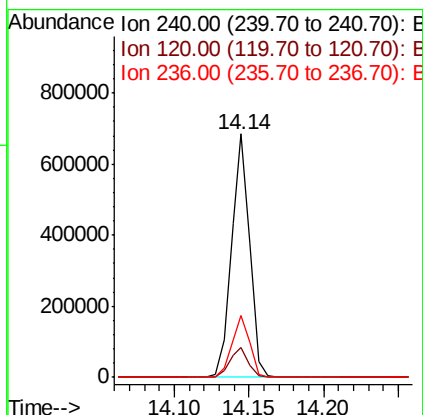
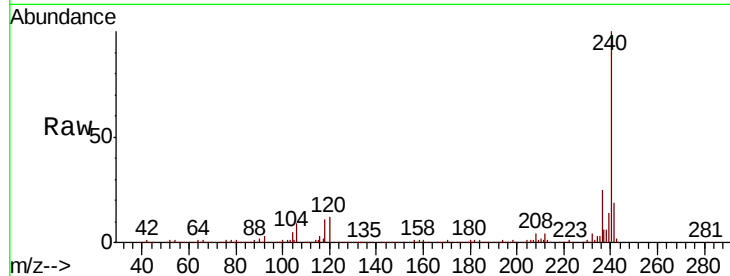




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110005.D
 Acq: 19 Oct 2018 16:28

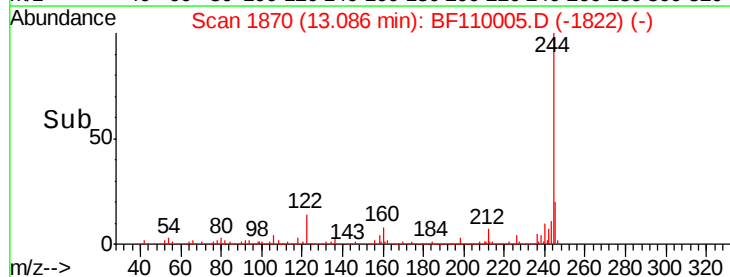
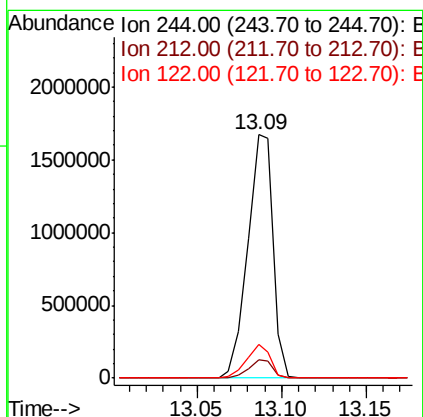
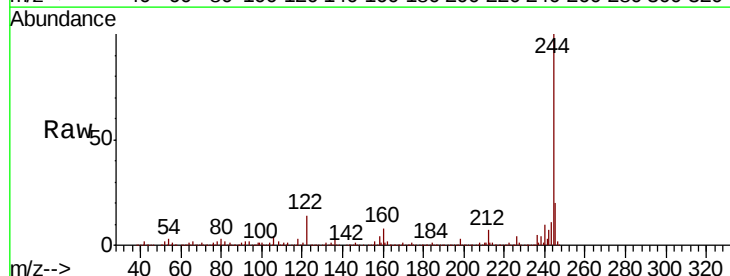
Instrument :
 BNA_F
 ClientSampleId :

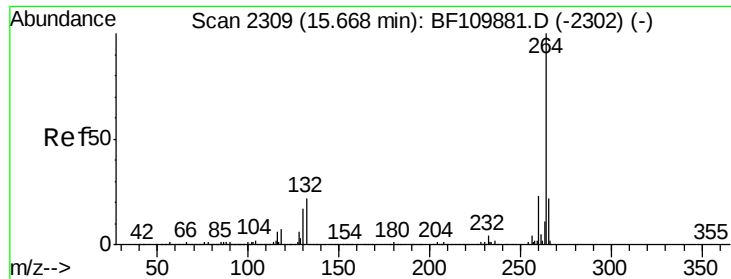
Tot Ion:240 Resp: 586741
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.3 12.5
 236 25.2 21.2 31.8



#79
 Terphenyl-d14
 Concen: 62.883 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110005.D
 Acq: 19 Oct 2018 16:28

Tgt Ion:244 Resp: 1757002
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.6 8.7 13.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110005.D
Acq: 19 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	412345
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.8	16.7	25.1

