

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110029.D
 Acq On : 20 Oct 2018 4:14
 Operator : JU/SJ
 Sample : J5593-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 06:46:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 01:53:35 2018
 Response via : Initial Calibration

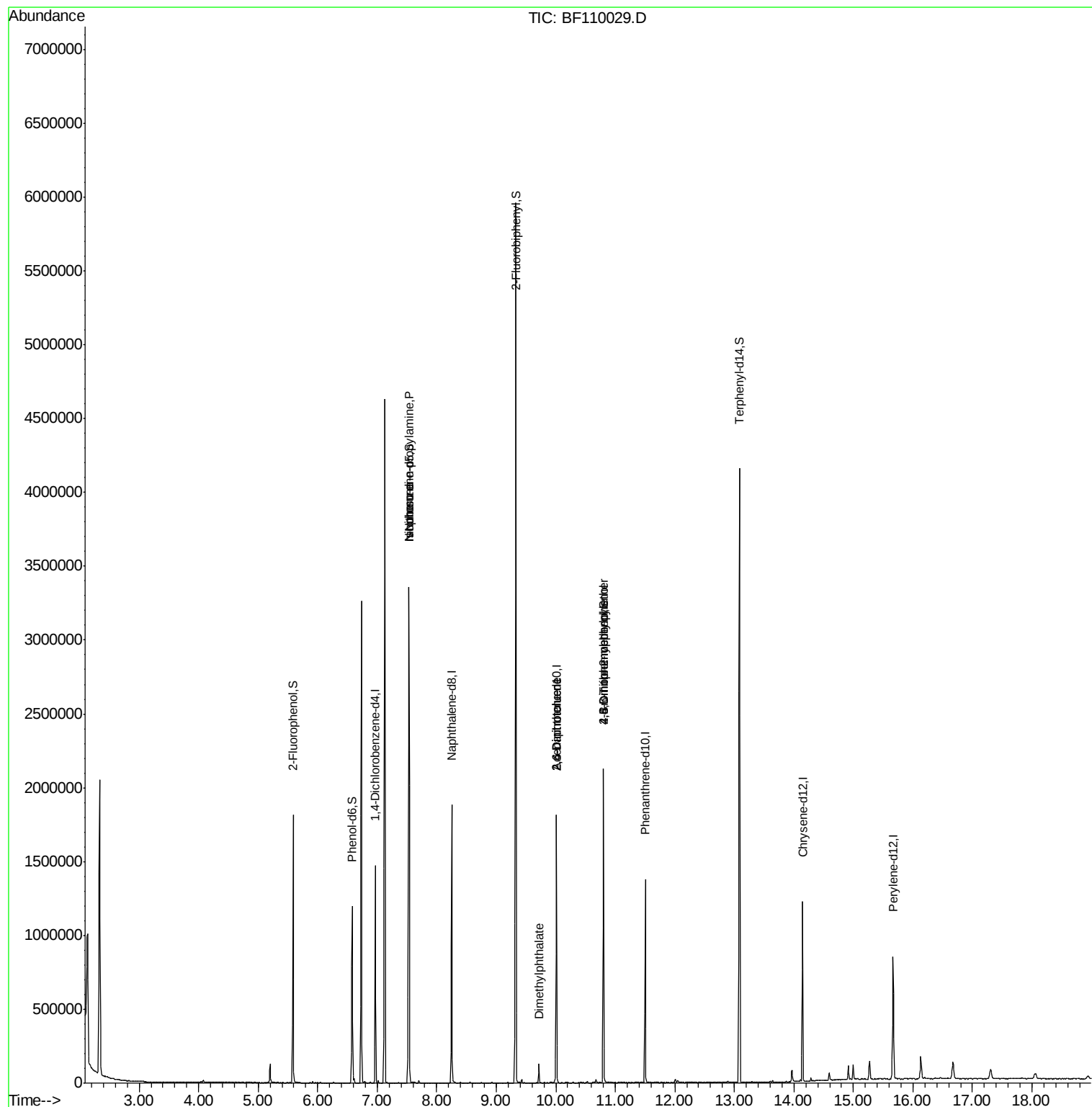
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	200685	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	788051	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	335377	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	520164	20.00	ng	0.00
76) Chrysene-d12	14.14	240	373375	20.00	ng	0.00
87) Perylene-d12	15.67	264	311946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	450807	35.61	ng	0.00
7) Phenol-d6	6.58	99	332038	21.12	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1178311	100.72	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	227867	78.48	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1954884	93.01	ng	0.00
79) Terphenyl-d14	13.09	244	1324810	74.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	158324	15.685	ng	# 78
25) Isophorone	7.53	82	1178300	51.261	ng	# 67
50) Dimethylphthalate	9.72	163	49047	2.065	ng	# 99
51) 2,6-Dinitrotoluene	10.01	165	42528	9.429	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	42528	11.334	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	449	8.103	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	15115	2.681	ng	# 1

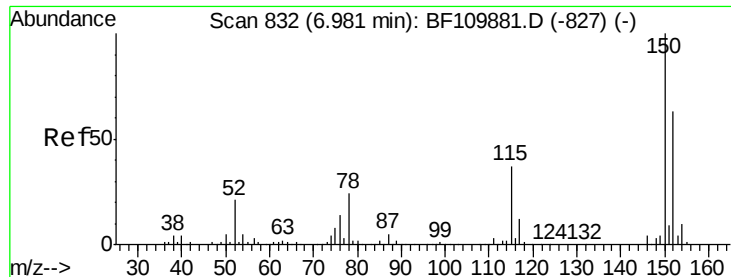
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 20 06:46:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration



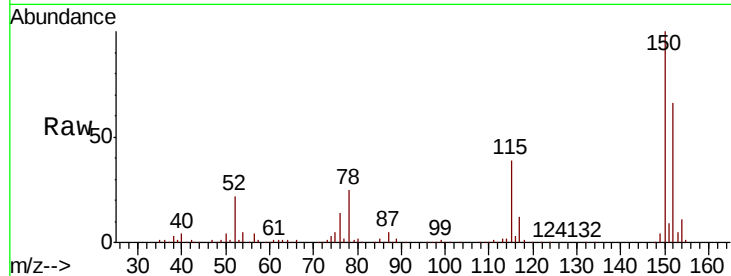


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110029.D
Acq: 20 Oct 2018 4:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.7	184.1
115	60.0	49.1	73.7

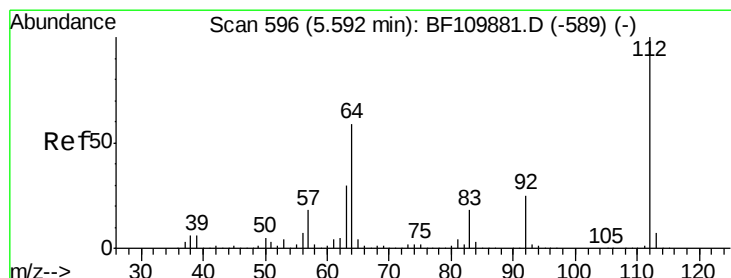
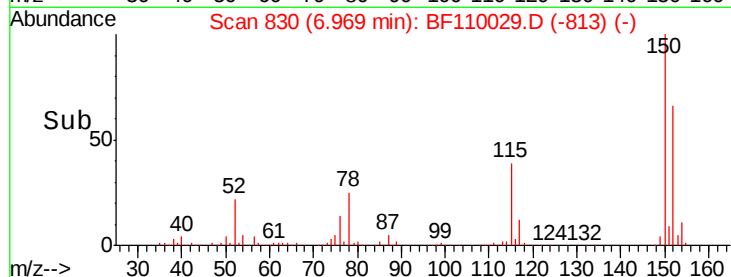
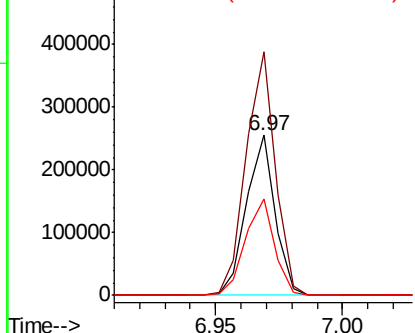


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

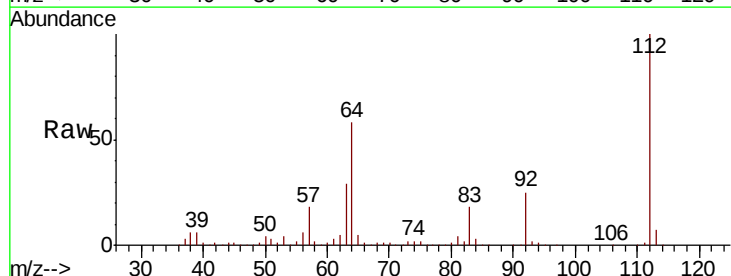
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 35.608 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF110029.D
Acq: 20 Oct 2018 4:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.1	66.1
63	29.3	23.7	35.5

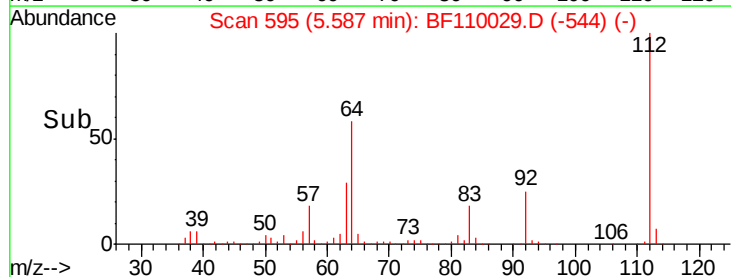
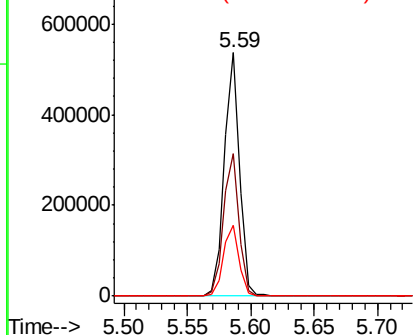


Abundance

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: 21.121 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110029.D

Acq: 20 Oct 2018 4:14

Instrument :

BNA_F

ClientSampleId :

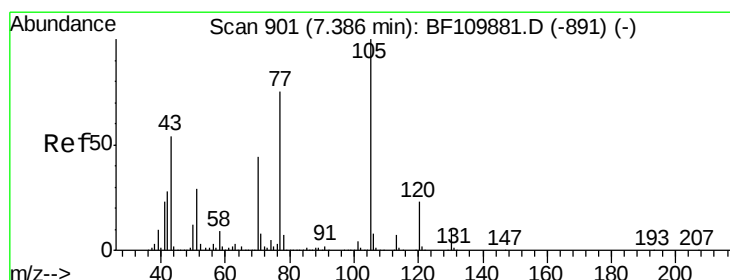
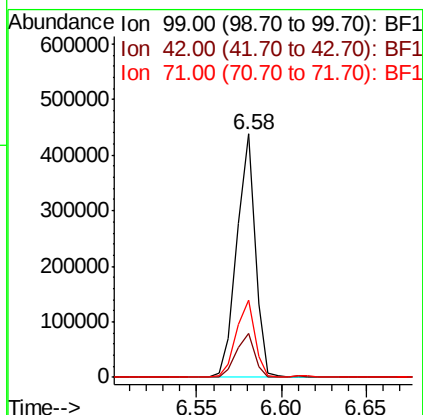
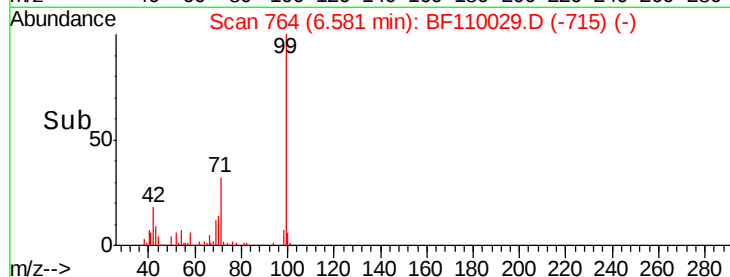
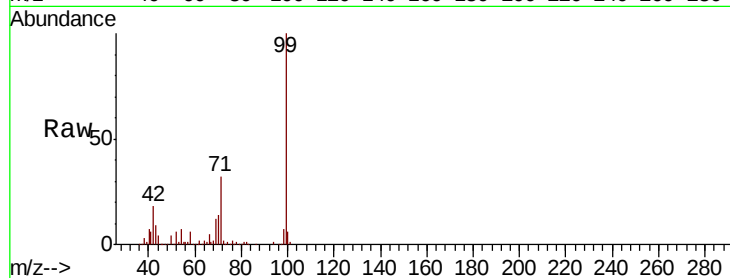
Tot Ion: 99 Resp: 332038

Ion Ratio Lower Upper

99 100

42 18.0 15.8 23.6

71 31.9 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.685 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF110029.D

Acq: 20 Oct 2018 4:14

Tgt Ion: 70 Resp: 158324

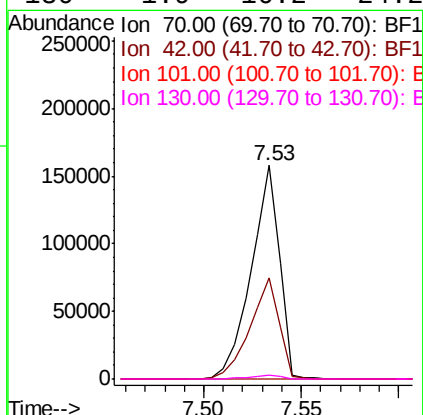
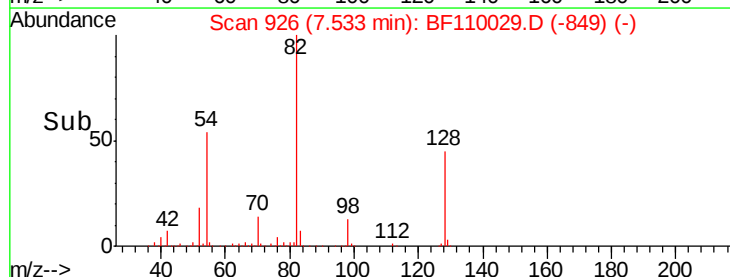
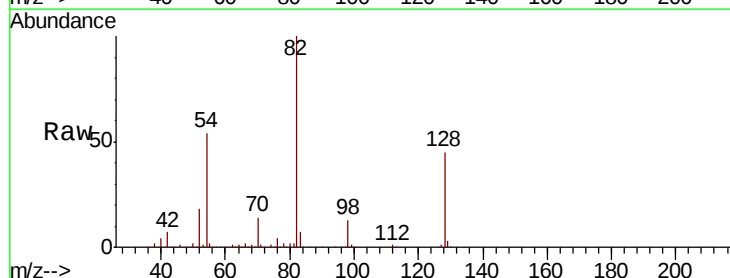
Ion Ratio Lower Upper

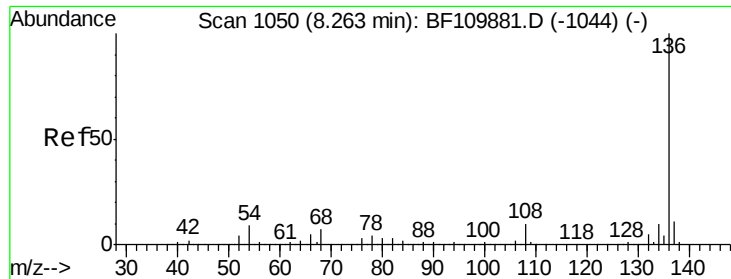
70 100

42 47.6 47.4 71.2

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

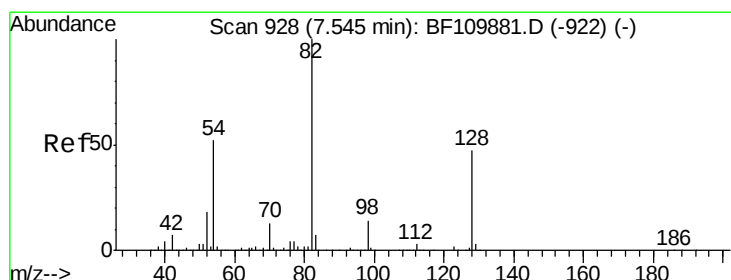
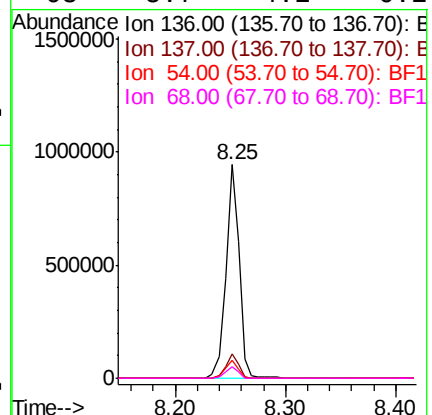
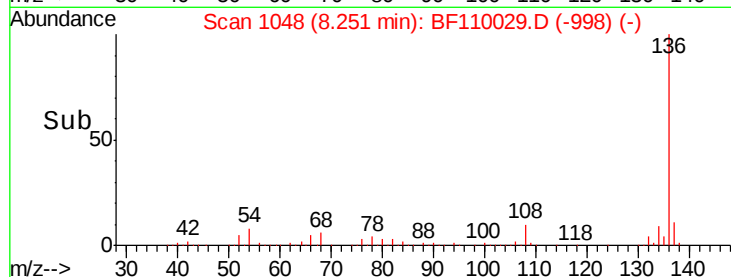
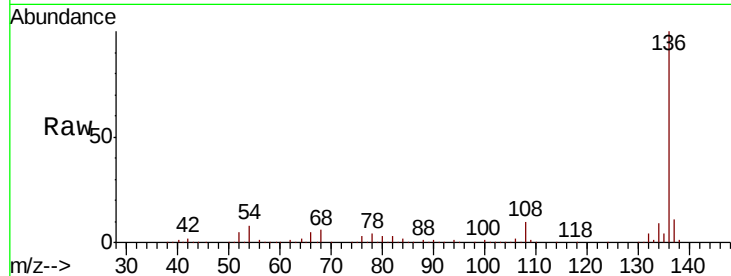




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF110029.D
Acq: 20 Oct 2018 4:14

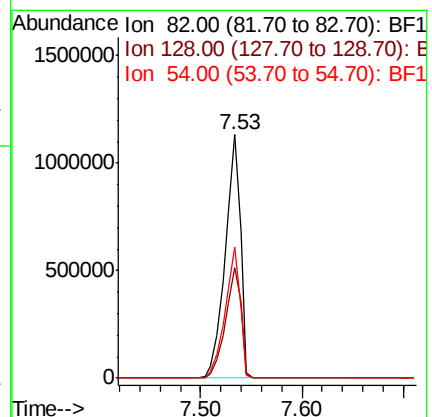
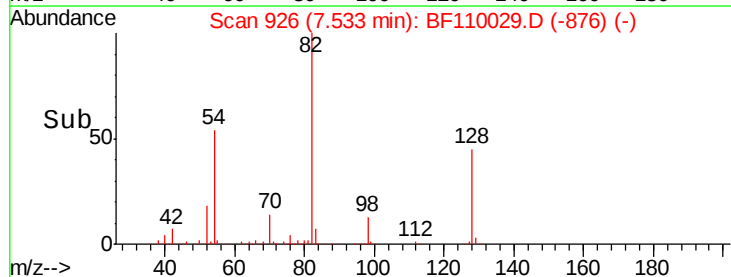
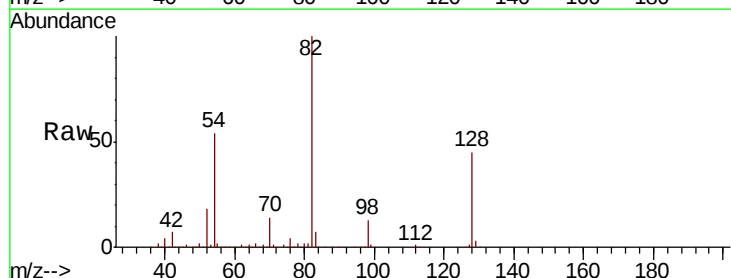
Instrument :
BNA_F
ClientSampled :

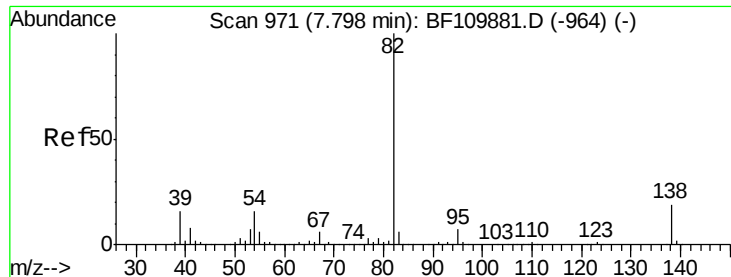
Tot Ion:136	Resp:	788051
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	8.4	5.4 8.2#
68	5.7	4.2 6.2



#23
Nitrobenzene-d5
Concen: 100.724 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110029.D
Acq: 20 Oct 2018 4:14

Tgt Ion: 82	Resp:	1178311
Ion Ratio	Lower	Upper
82	100	
128	45.1	34.2 51.2
54	53.7	38.6 58.0





#25

Isophorone

Concen: 51.261 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF110029.D

Acq: 20 Oct 2018 4:14

Instrument :

BNA_F

ClientSampled :

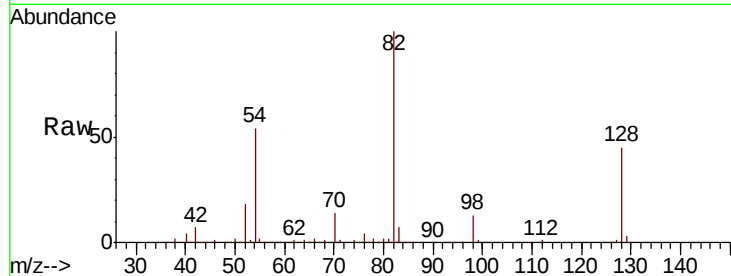
Tot Ion: 82 Resp: 1178300

Ion Ratio Lower Upper

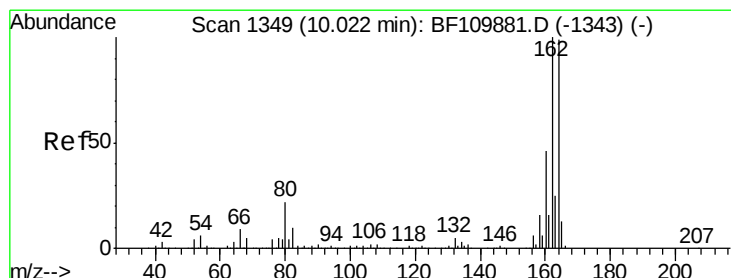
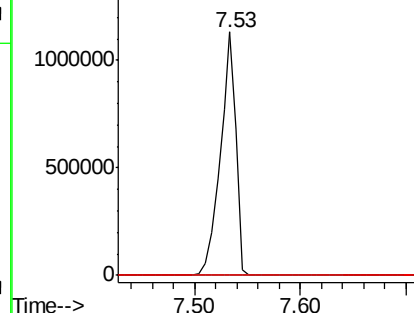
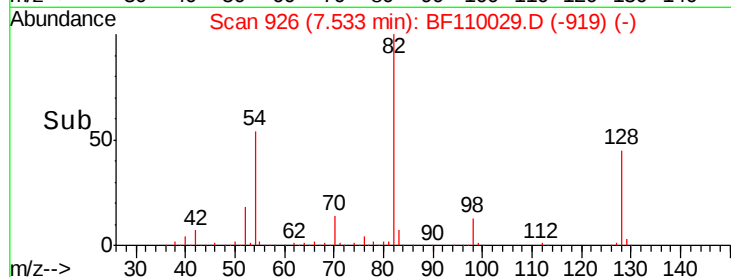
82 100

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. -0.01 min

Lab File: BF110029.D

Acq: 20 Oct 2018 4:14

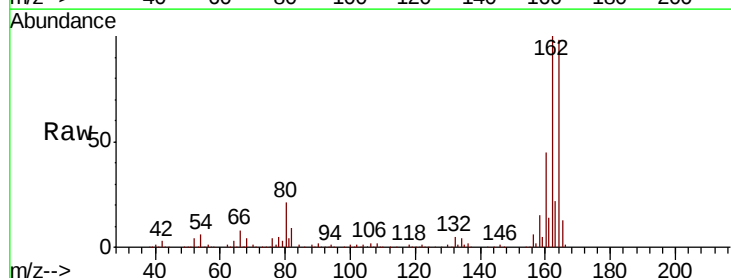
Tgt Ion:164 Resp: 335377

Ion Ratio Lower Upper

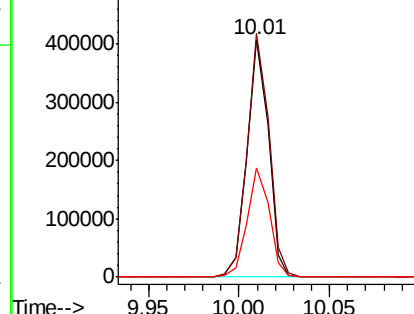
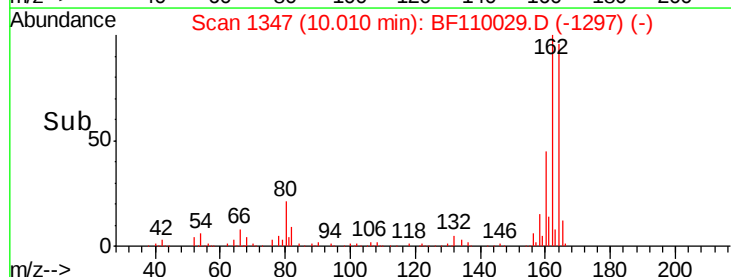
164 100

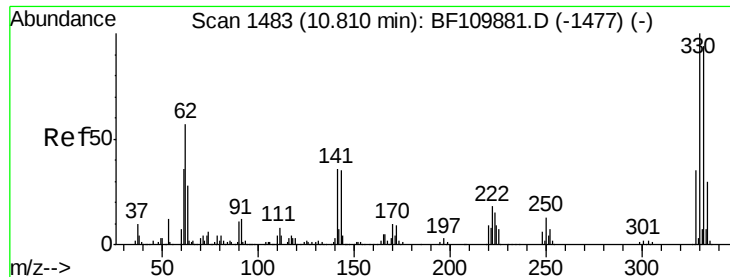
162 102.5 83.0 124.6

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: 78.477 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110029.D

Acq: 20 Oct 2018 4:14

Instrument :

BNA_F

ClientSampleId :

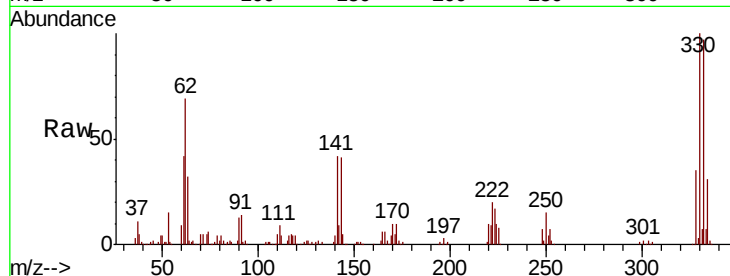
Tot Ion:330 Resp: 227867

Ion Ratio Lower Upper

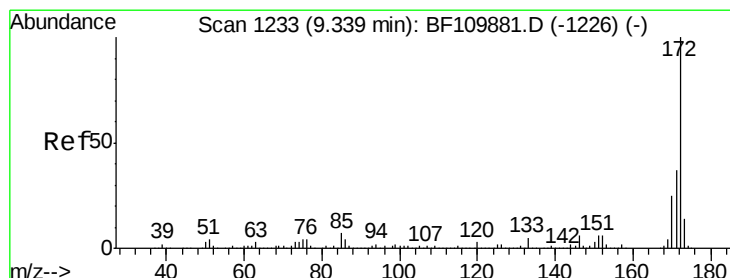
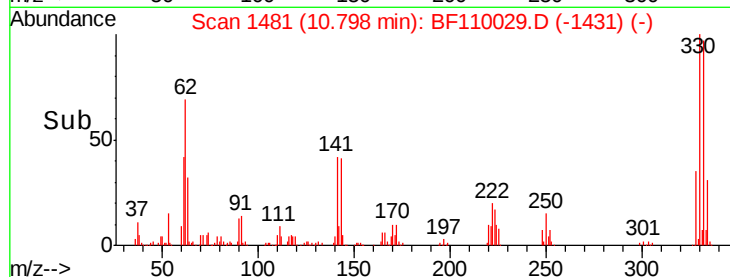
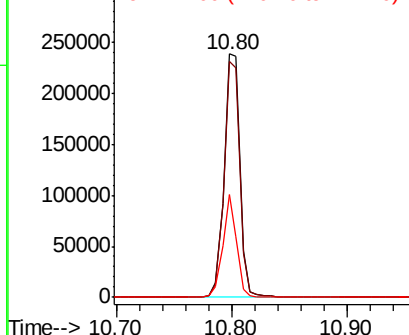
330 100

332 96.5 77.1 115.7

141 36.3 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: 93.009 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110029.D

Acq: 20 Oct 2018 4:14

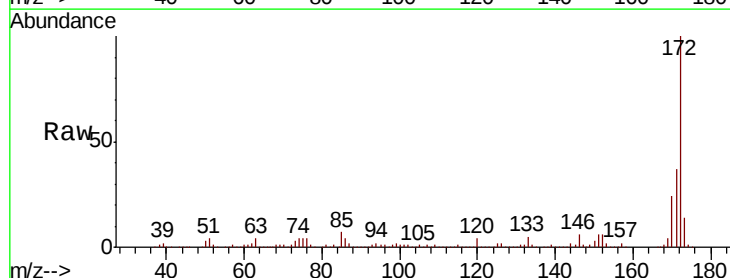
Tgt Ion:172 Resp: 1954884

Ion Ratio Lower Upper

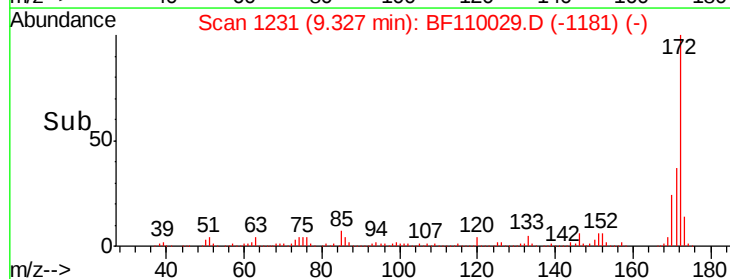
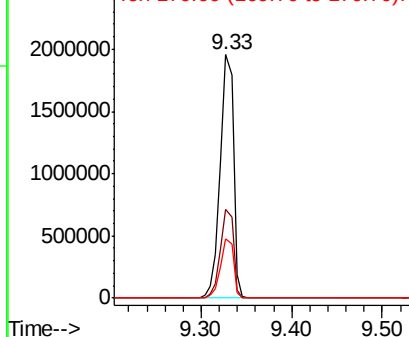
172 100

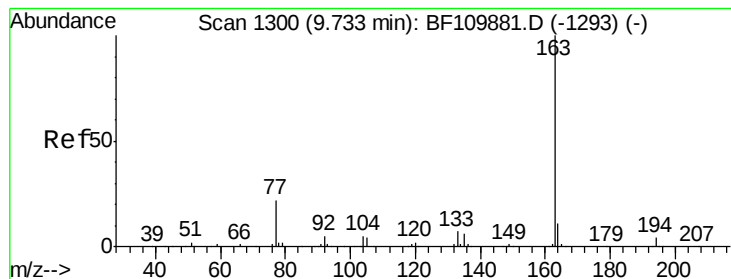
171 36.6 28.6 43.0

170 24.1 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: 2.065 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF110029.D

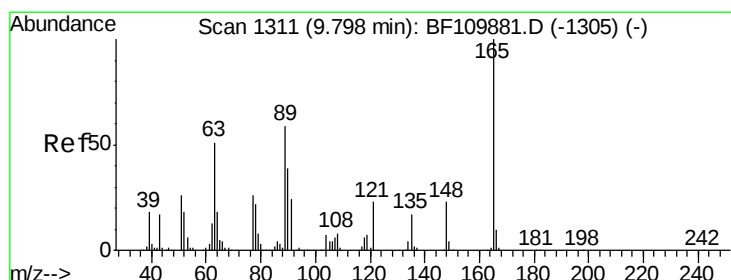
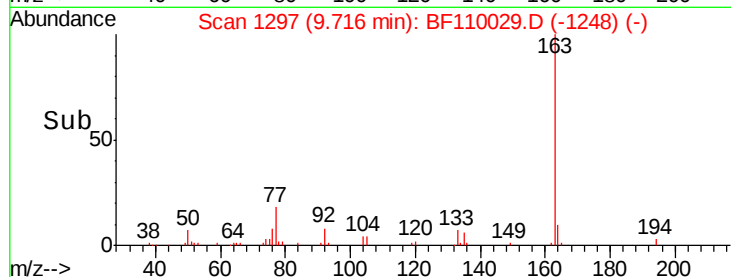
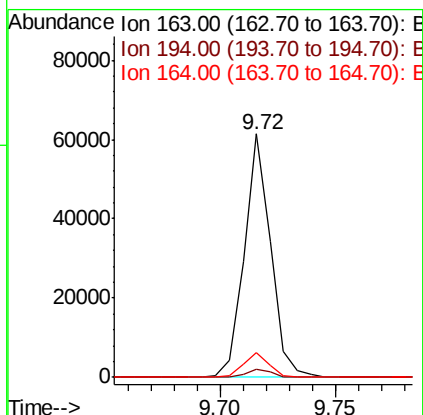
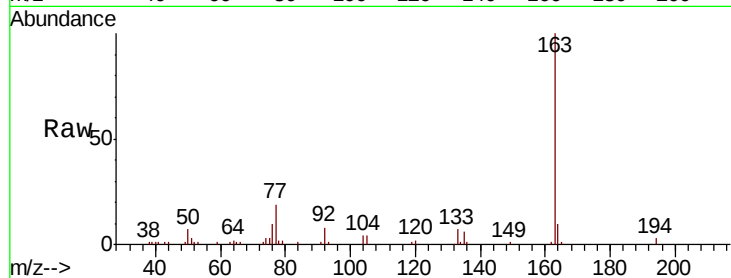
Acq: 20 Oct 2018 4:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:163	Resp:	49047
Ion Ratio	Lower	Upper
163	100	
194	3.5	3.2 4.8
164	10.0	8.1 12.1



#51

2,6-Dinitrotoluene

Concen: 9.429 ng

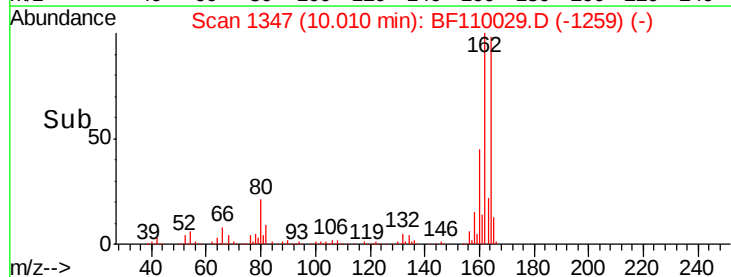
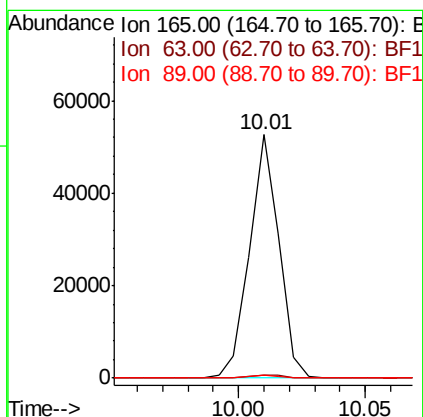
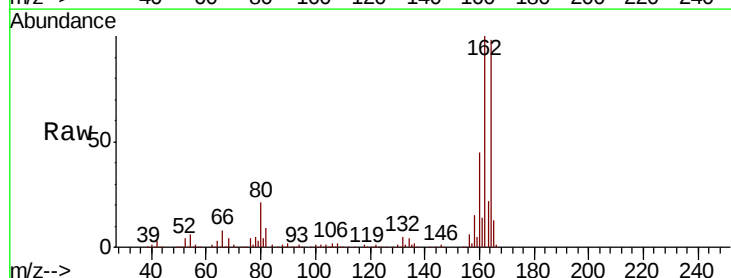
RT: 10.01 min Scan# 1347

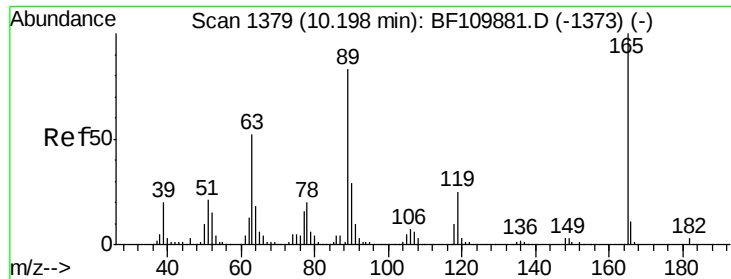
Delta R.T. 0.22 min

Lab File: BF110029.D

Acq: 20 Oct 2018 4:14

Tgt Ion:165	Resp:	42528
Ion Ratio	Lower	Upper
165	100	
63	1.0	48.9 73.3#
89	1.1	46.6 69.8#

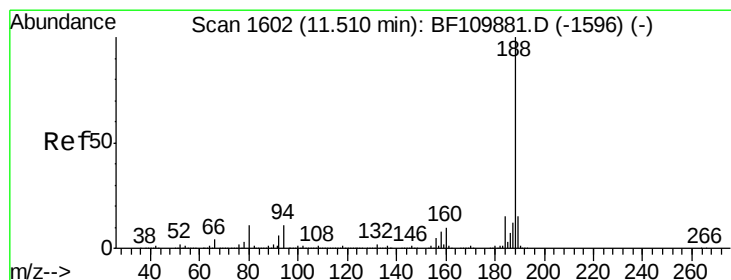
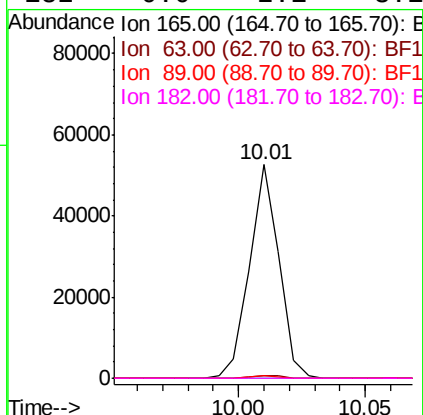
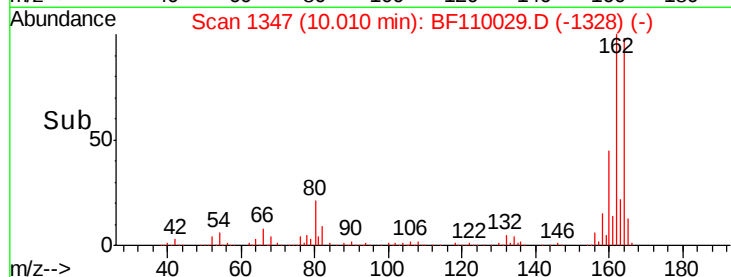
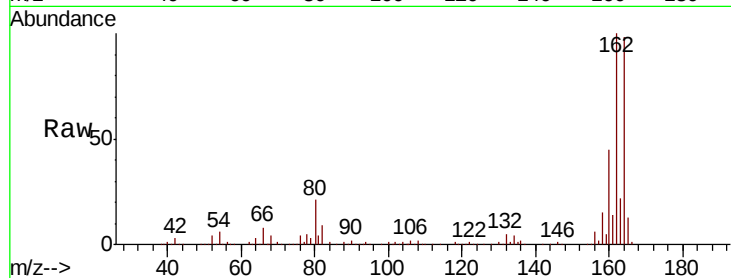




#57
2,4-Dinitrotoluene
Concen: 11.334 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110029.D
Acq: 20 Oct 2018 4:14

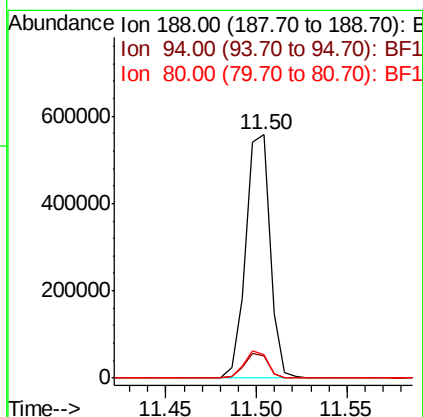
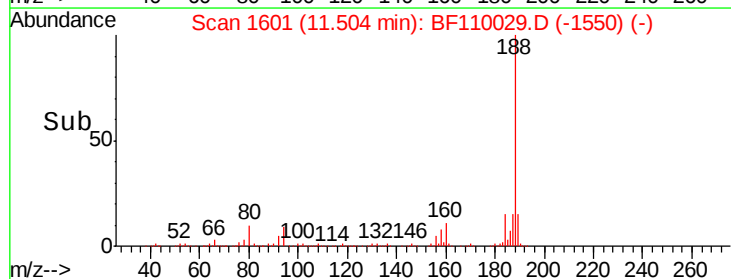
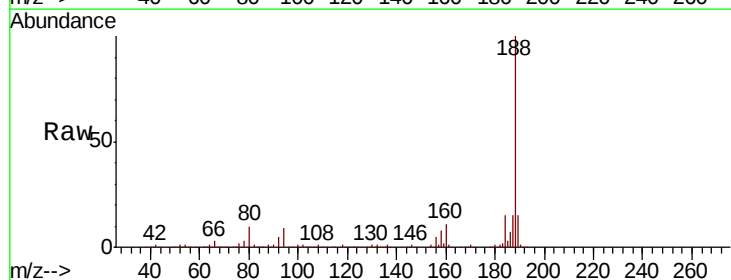
Instrument :
BNA_F
ClientSampleId :

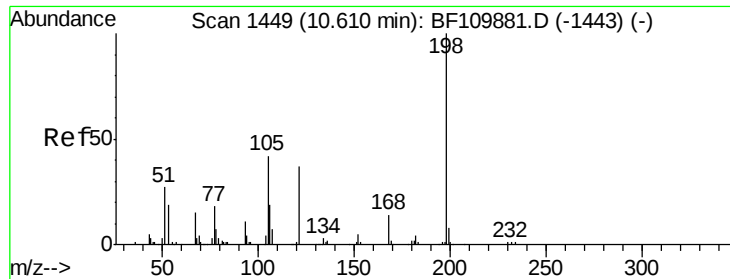
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.8	67.2#
89	1.1	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110029.D
Acq: 20 Oct 2018 4:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.8	7.9	11.9

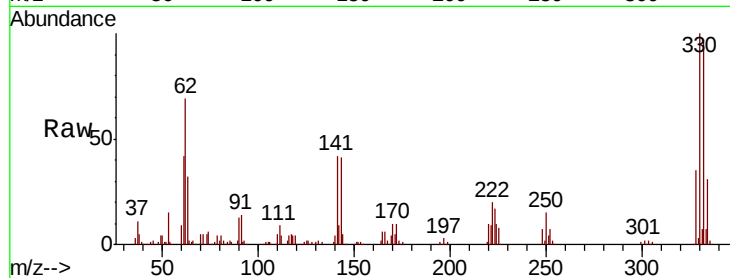




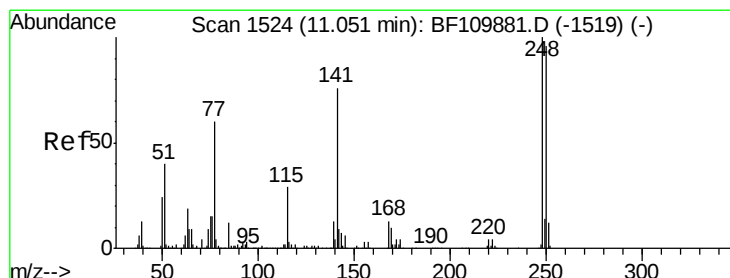
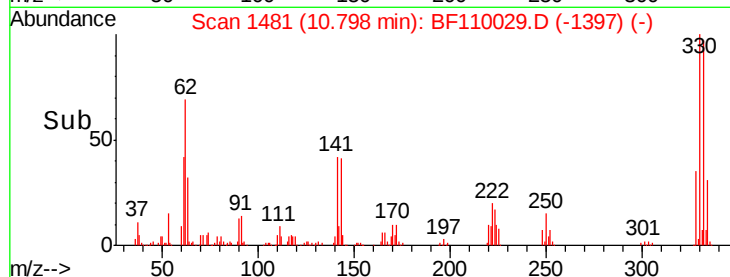
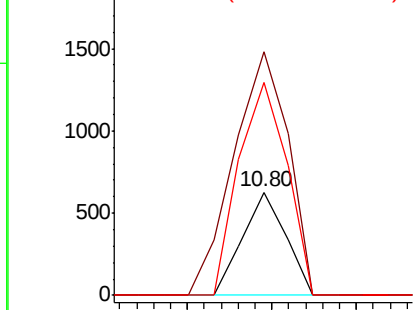
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.103 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.19 min
 Lab File: BF110029.D
 Acq: 20 Oct 2018 4:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 449
 Ion Ratio Lower Upper
 198 100
 51 235.3 22.8 62.8#
 105 205.7 23.6 63.6#

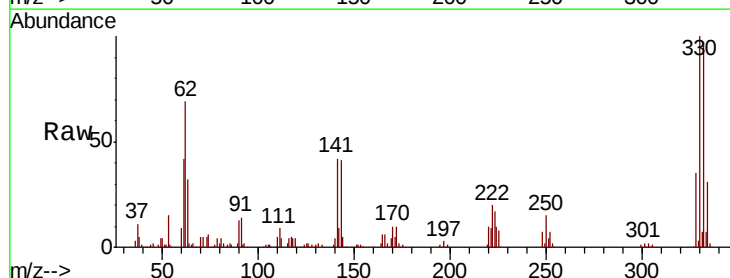


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

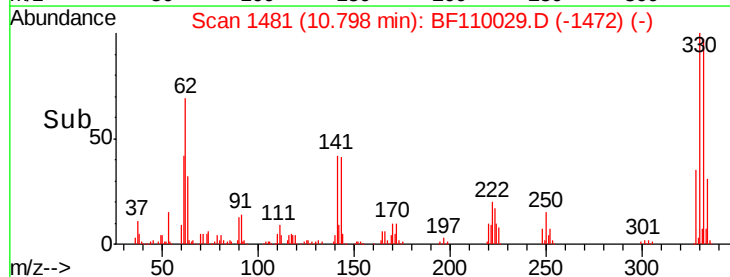
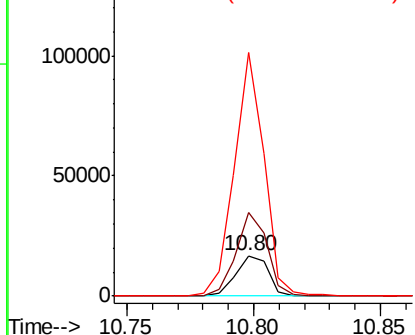


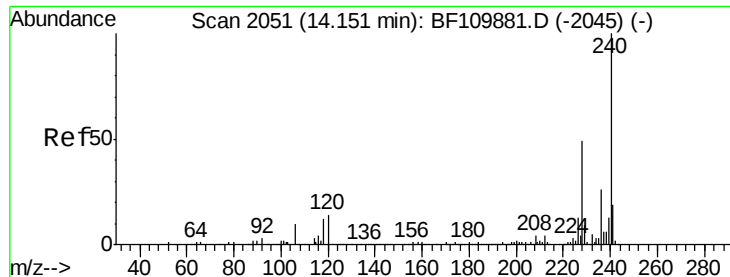
#67
 4-Bromophenyl-phenylether
 Concen: 2.681 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.25 min
 Lab File: BF110029.D
 Acq: 20 Oct 2018 4:14

Tgt Ion:248 Resp: 15115
 Ion Ratio Lower Upper
 248 100
 250 206.4 79.4 119.2#
 141 603.3 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

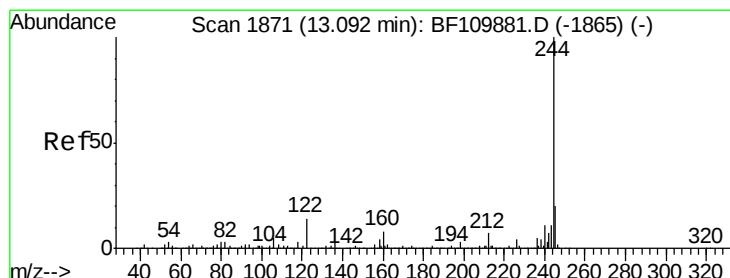
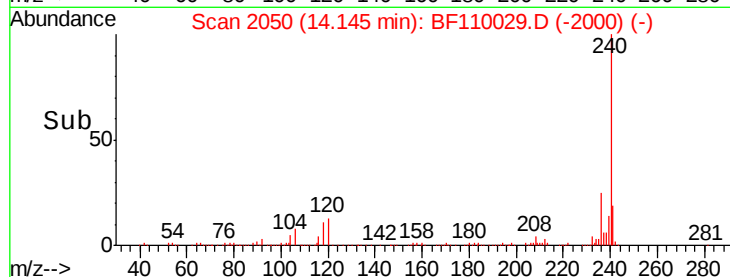
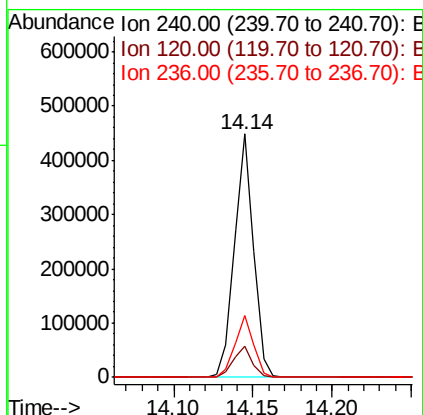
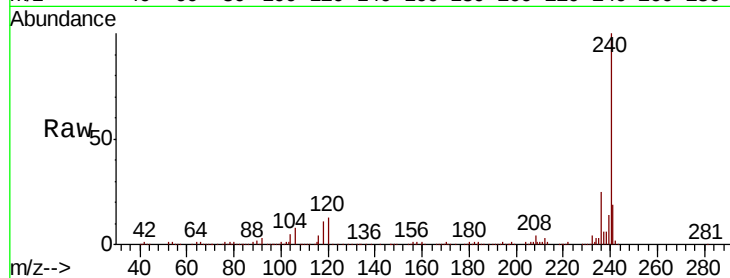




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110029.D
Acq: 20 Oct 2018 4:14

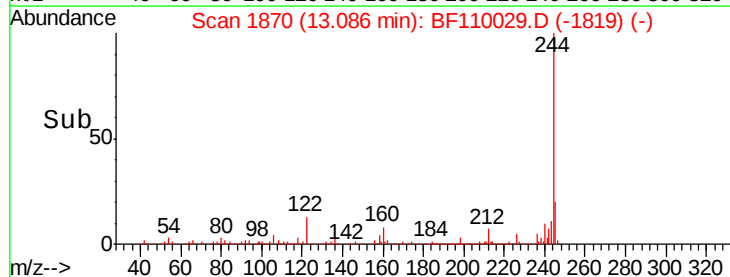
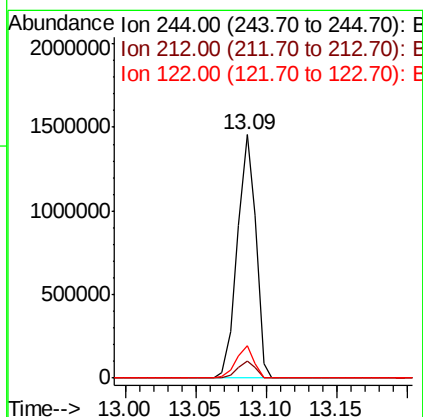
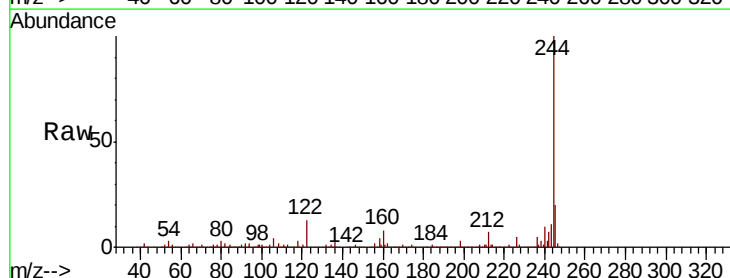
Instrument :
BNA_F
ClientSampleId :

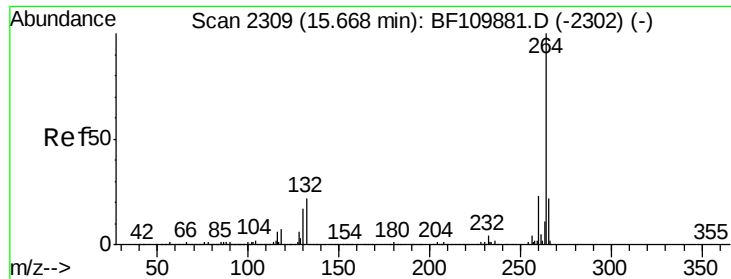
Tot Ion:240 Resp: 373375
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 25.2 21.2 31.8



#79
Terphenyl-d14
Concen: 74.510 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF110029.D
Acq: 20 Oct 2018 4:14

Tgt Ion:244 Resp: 1324810
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 13.2 8.7 13.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BF110029.D
Acq: 20 Oct 2018 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	22.1	16.7	25.1

