

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110001.D
 Acq On : 19 Oct 2018 14:41
 Operator : JU/SJ
 Sample : J5569-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:06:45 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

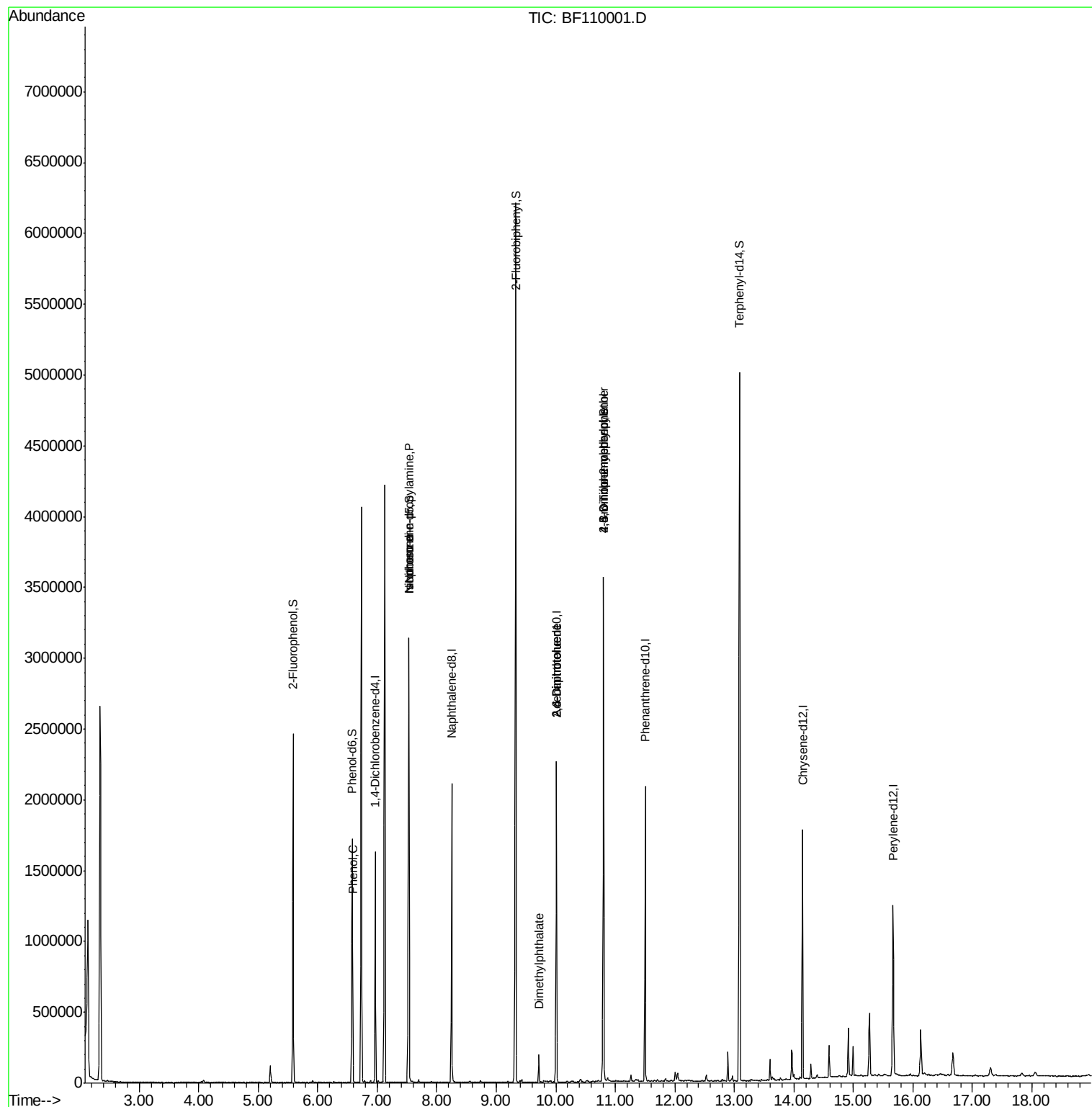
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	229504	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	913313	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	432293	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	779259	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	553762	20.00	ng	-0.02
87) Perylene-d12	15.67	264	377427	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	673865	46.54	ng	-0.01
7) Phenol-d6	6.58	99	521191	28.99	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1149418	84.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	431121	115.19	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2025012	74.75	ng	-0.01
79) Terphenyl-d14	13.09	244	1911359	72.48	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	61461	3.166	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	152686	13.227	ng	# 80
25) Isophorone	7.53	82	1146641	43.042	ng	# 67
50) Dimethylphthalate	9.72	163	71731	2.343	ng	# 99
51) 2,6-Dinitrotoluene	10.01	165	55153	9.486	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	55153	11.376	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	1050	8.215	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	27511	3.258	ng	# 1

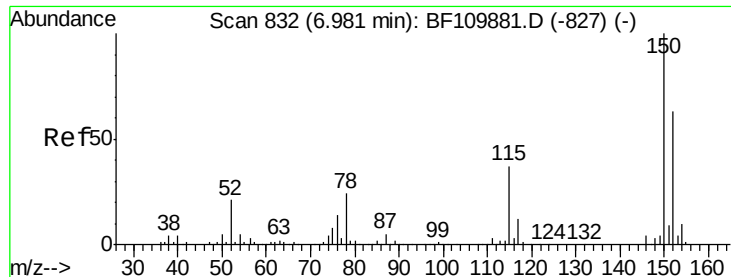
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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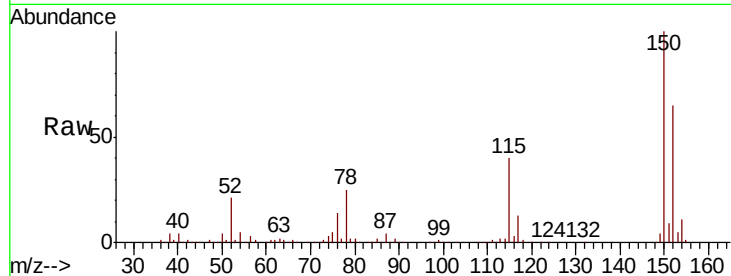


#1

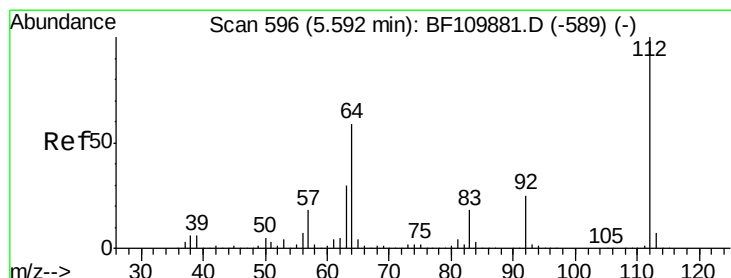
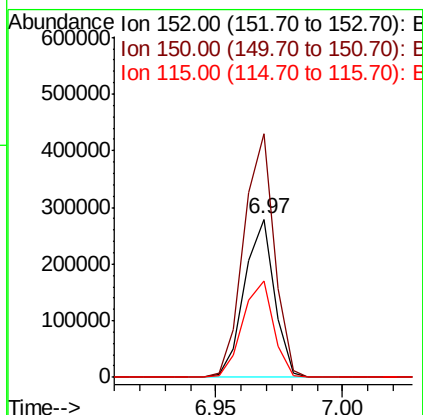
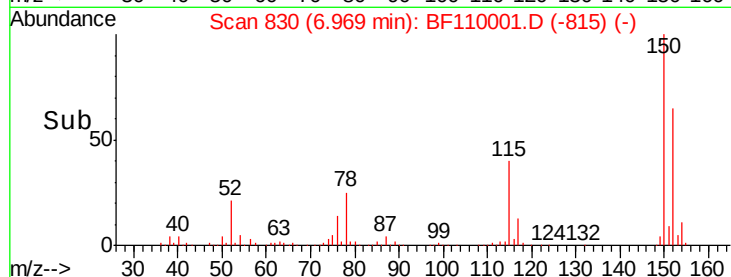
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 229504
Ion Ratio Lower Upper
152 100
150 153.7 122.7 184.1
115 61.1 49.1 73.7



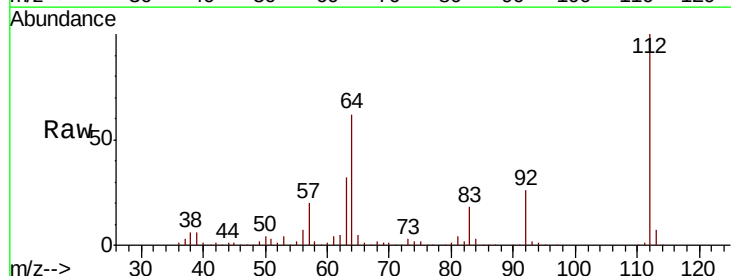
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



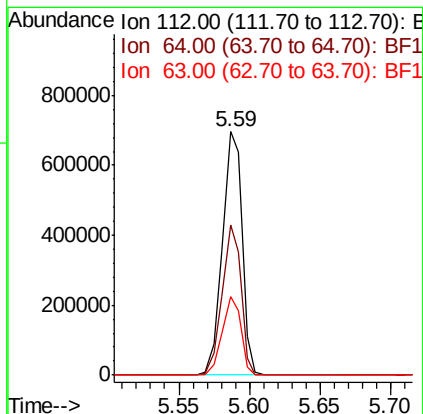
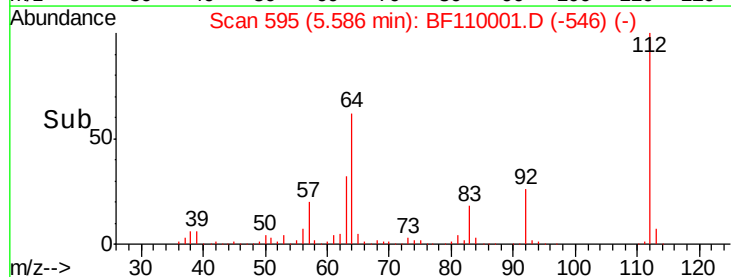
#5

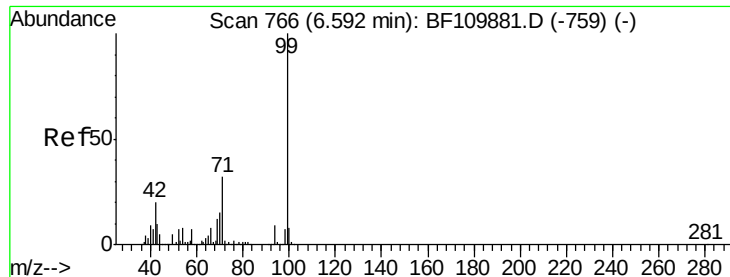
2-Fluorophenol
Concen: 46.542 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

Tgt Ion:112 Resp: 673865
Ion Ratio Lower Upper
112 100
64 61.5 44.1 66.1
63 32.0 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: 28.990 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110001.D

Acq: 19 Oct 2018 14:41

Instrument :

BNA_F

ClientSampleId :

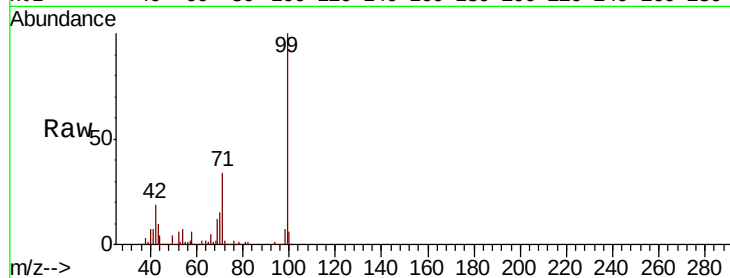
Tot Ion: 99 Resp: 521191

Ion Ratio Lower Upper

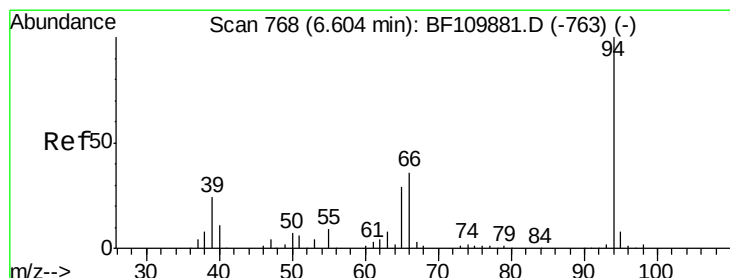
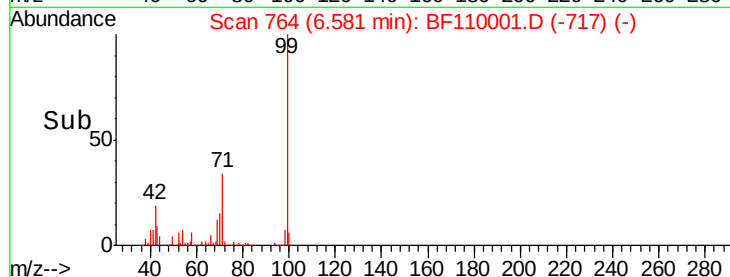
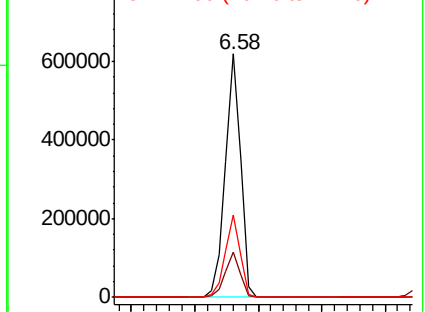
99 100

42 18.8 15.8 23.6

71 33.7 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: 3.166 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110001.D

Acq: 19 Oct 2018 14:41

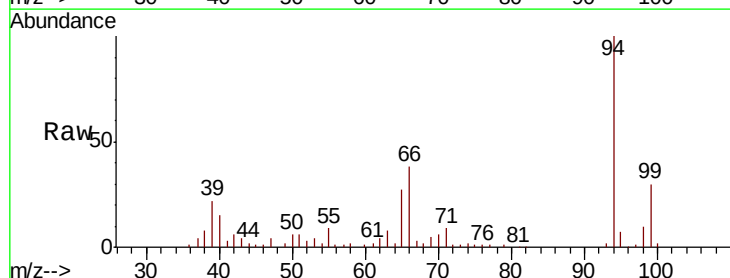
Tgt Ion: 94 Resp: 61461

Ion Ratio Lower Upper

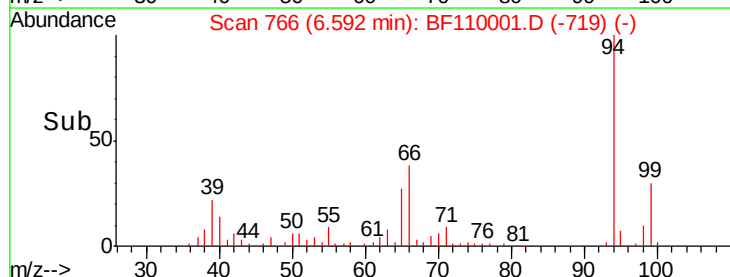
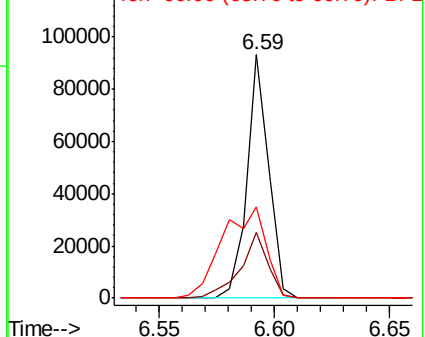
94 100

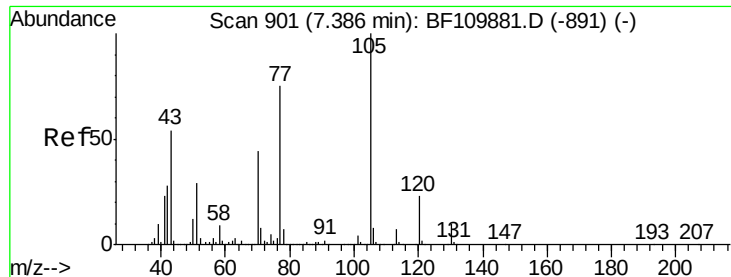
65 27.0 25.3 65.3

66 37.7 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

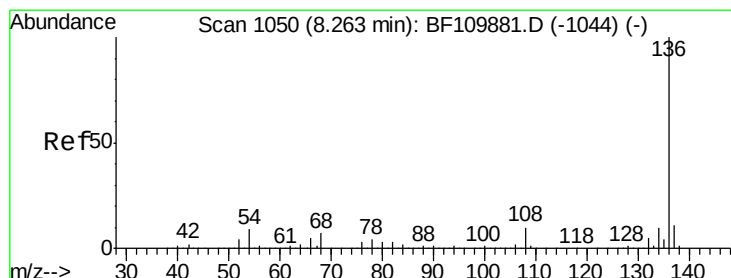
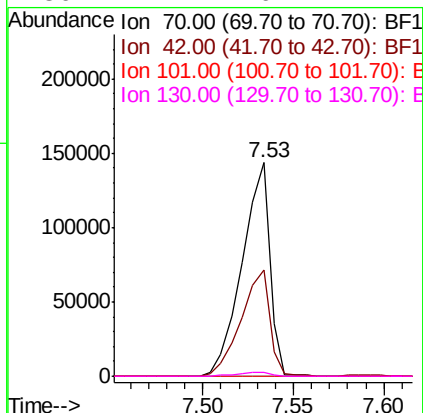
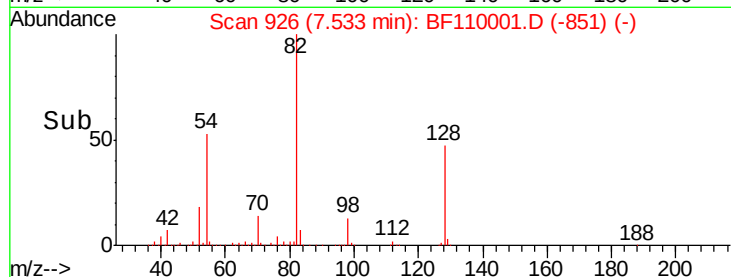
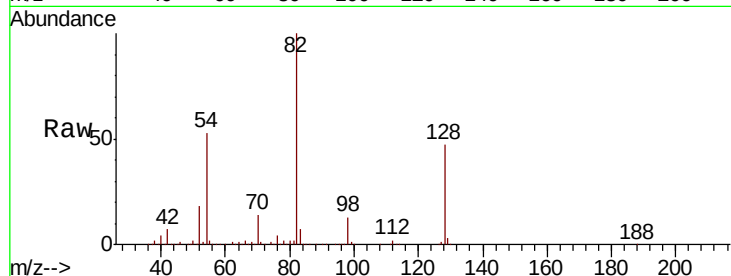




#19
n-Nitroso-di-n-propylamine
Concen: 13.227 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

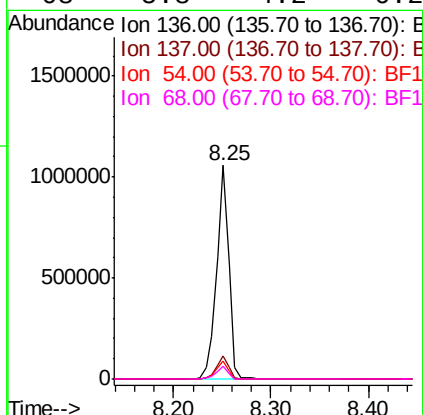
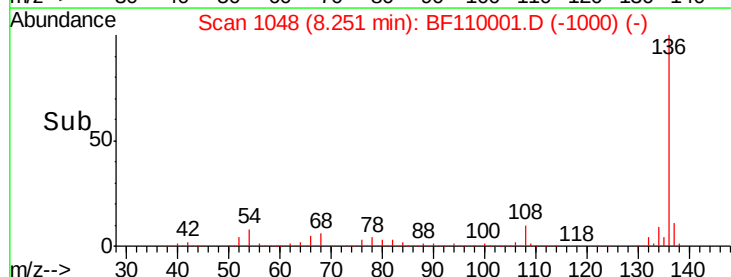
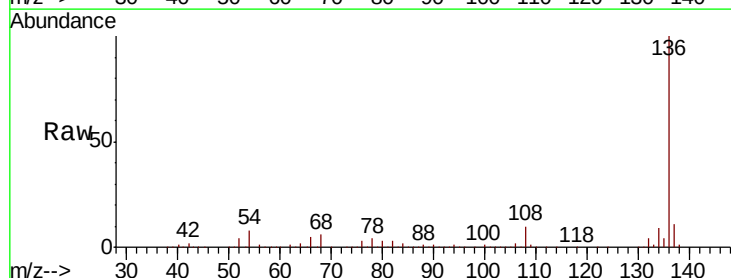
Instrument :
BNA_F
ClientSampleId :

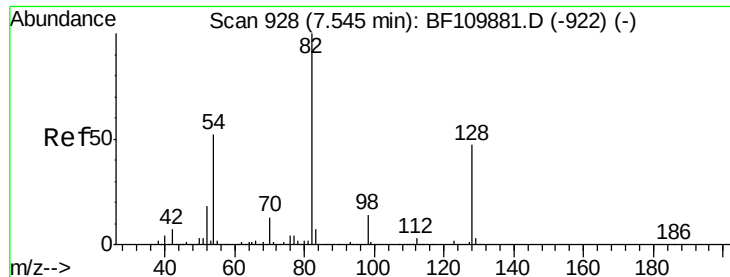
Tot Ion: 70 Resp: 152686
Ion Ratio Lower Upper
70 100
42 49.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

Tgt Ion: 136 Resp: 913313
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 5.4 8.2#
68 5.8 4.2 6.2



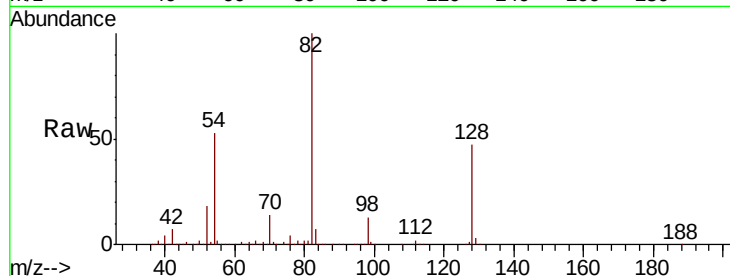


#23
 Nitrobenzene-d5
 Concen: 84.778 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110001.D
 Acq: 19 Oct 2018 14:41

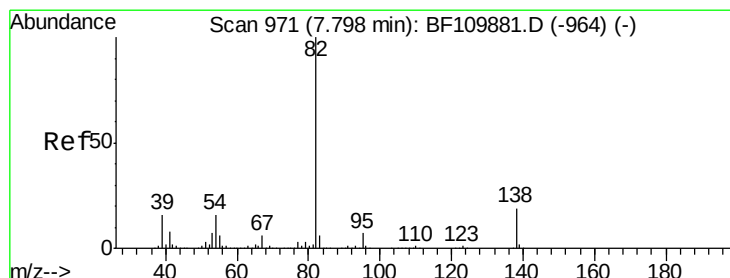
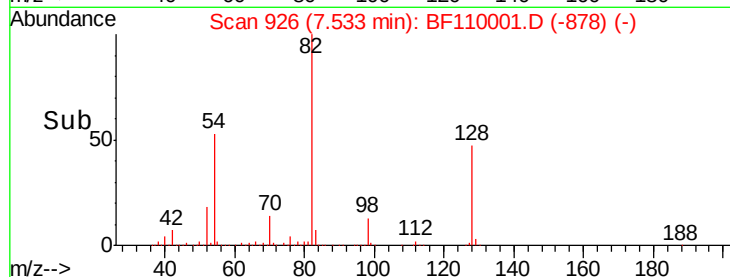
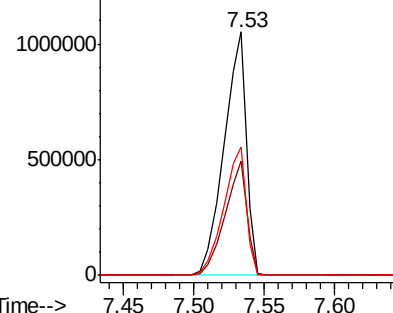
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1149418

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.2	51.2
54	52.8	38.6	58.0



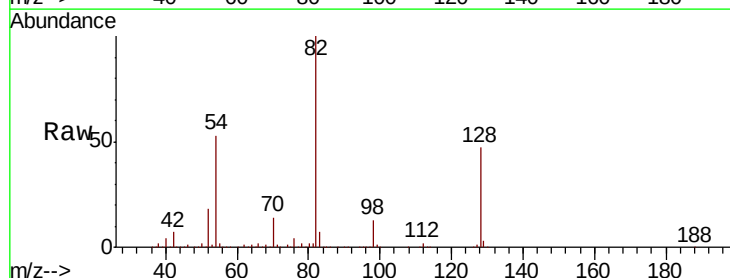
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



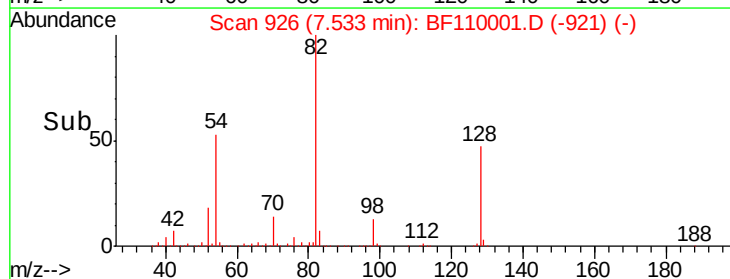
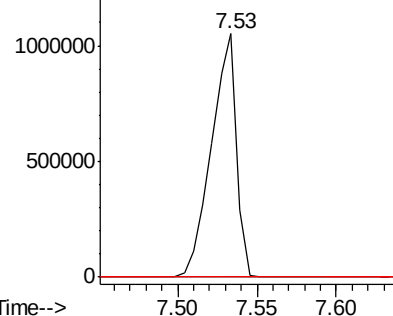
#25
 Isophorone
 Concen: 43.042 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF110001.D
 Acq: 19 Oct 2018 14:41

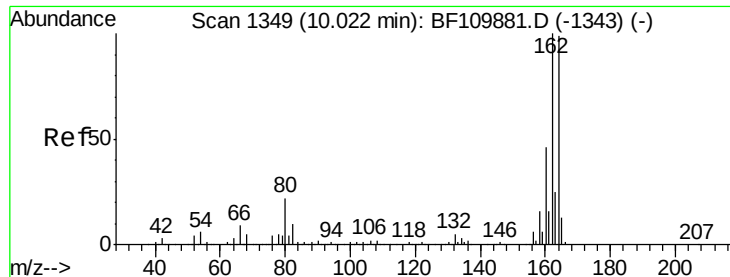
Tgt Ion: 82 Resp: 1146641

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

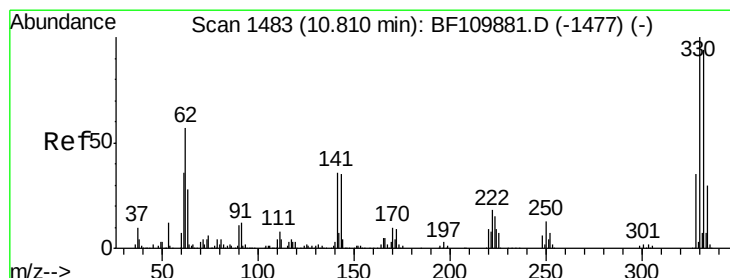
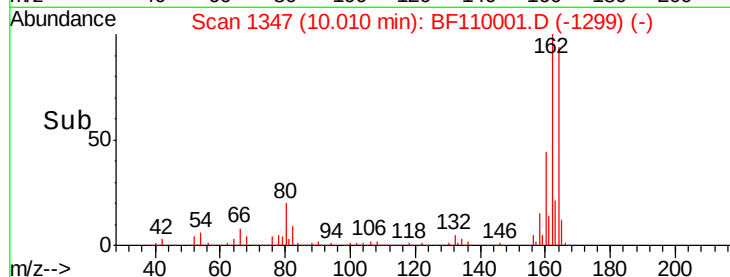
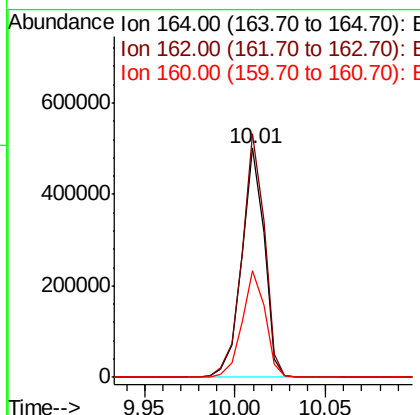
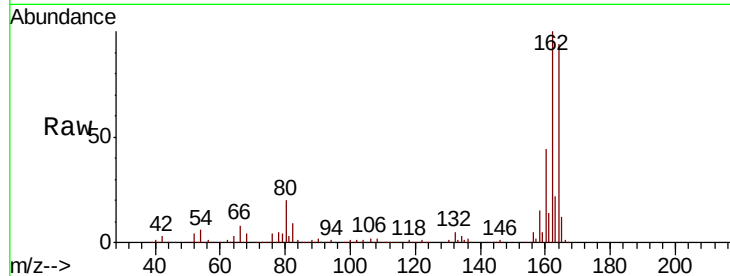




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110001.D
 Acq: 19 Oct 2018 14:41

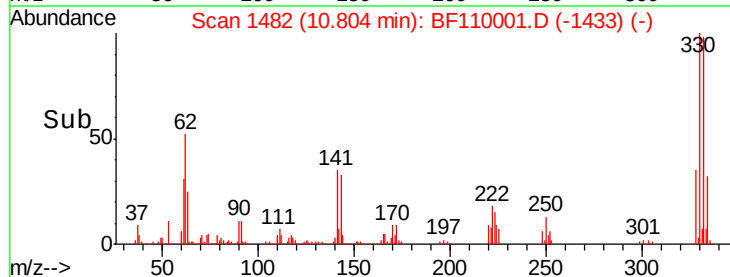
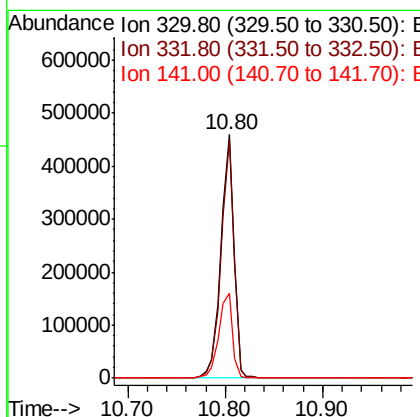
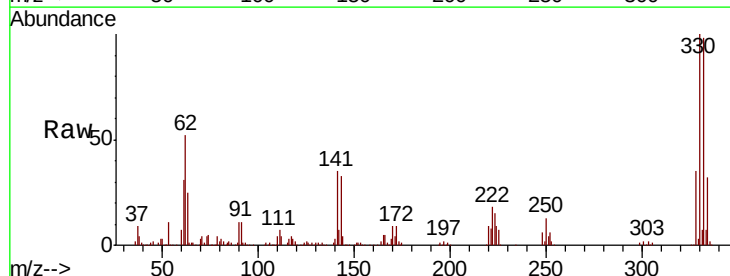
Instrument :
 BNA_F
 ClientSampleId :

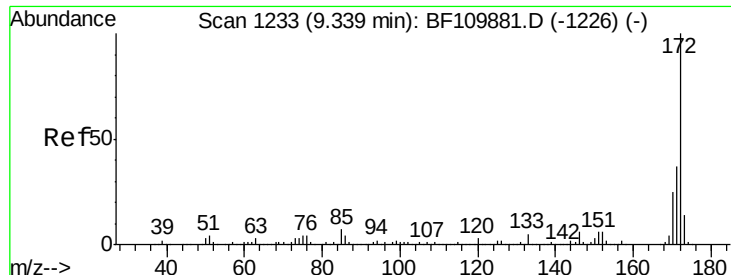
Tot Ion:164 Resp: 432293
 Ion Ratio Lower Upper
 164 100
 162 106.3 83.0 124.6
 160 46.4 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 115.191 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110001.D
 Acq: 19 Oct 2018 14:41

Tgt Ion:330 Resp: 431121
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 36.6 27.0 40.4

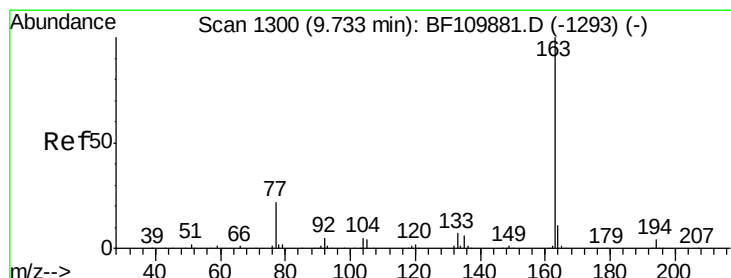
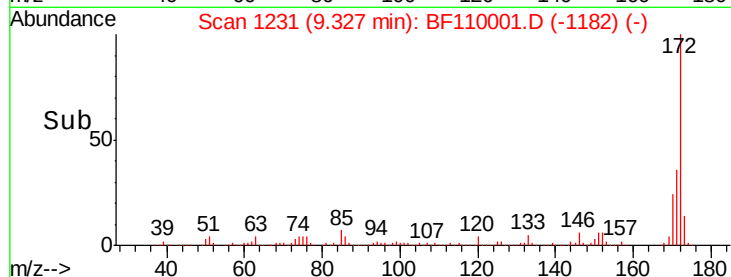
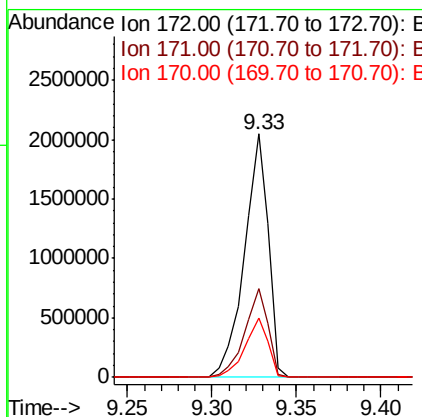
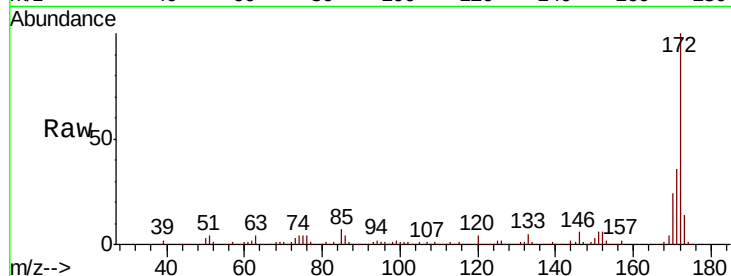




#45
 2-Fluorobiphenyl
 Concen: 74.746 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110001.D
 Acq: 19 Oct 2018 14:41

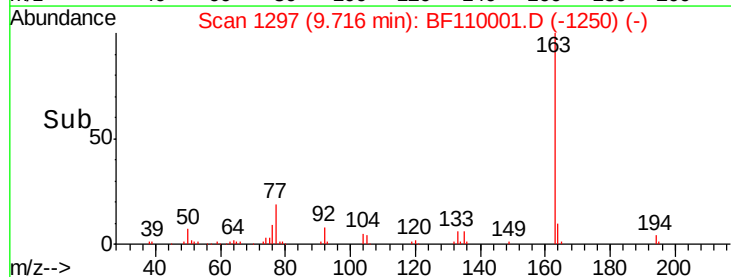
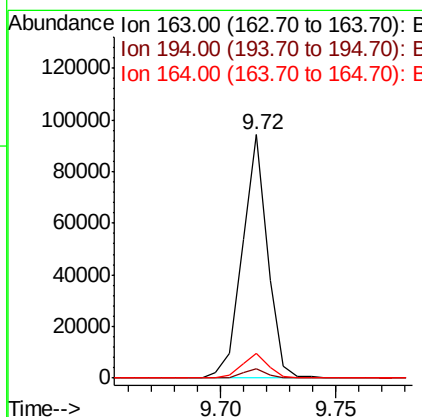
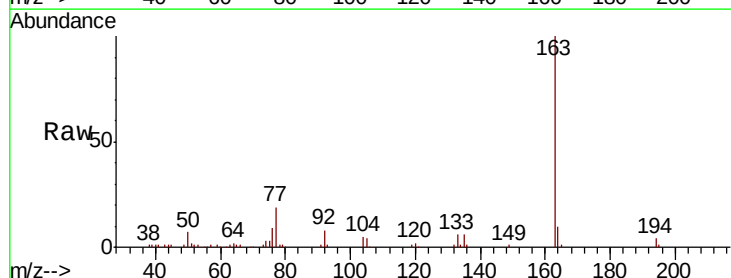
Instrument :
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 ClientSampleId :

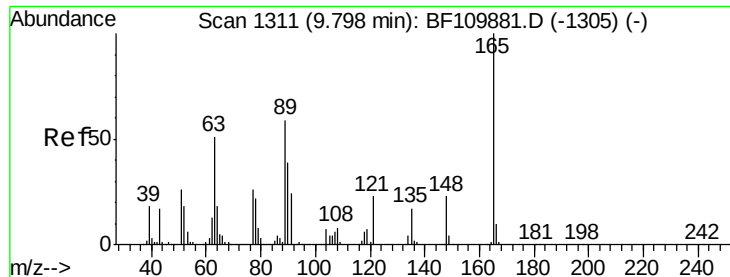
Tot Ion:172 Resp: 2025012
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.4 19.7 29.5



#50
 Dimethylphthalate
 Concen: 2.343 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF110001.D
 Acq: 19 Oct 2018 14:41

Tgt Ion:163 Resp: 71731
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.2 4.8
 164 10.3 8.1 12.1

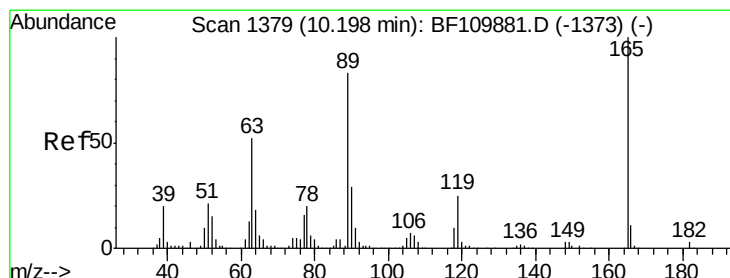
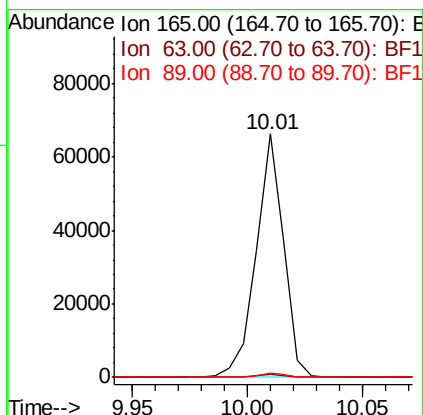
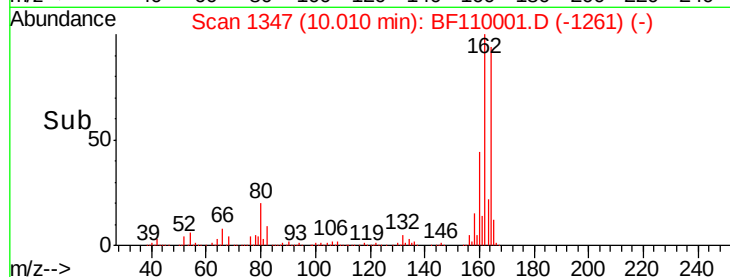
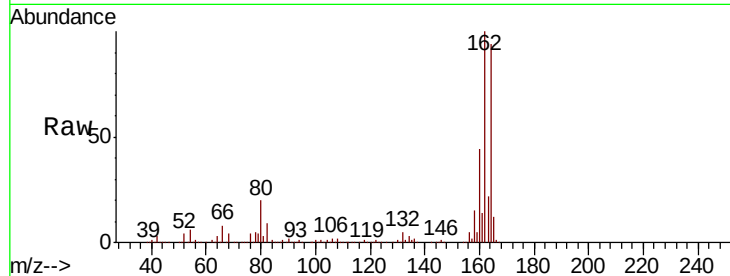




#51
2,6-Dinitrotoluene
Concen: 9.486 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

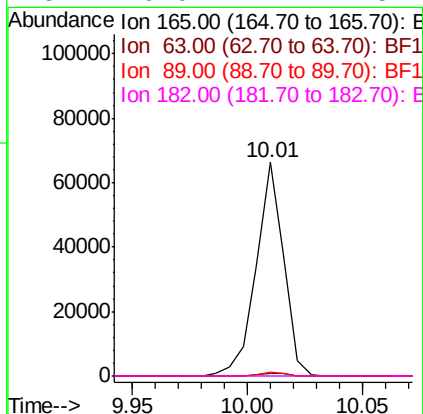
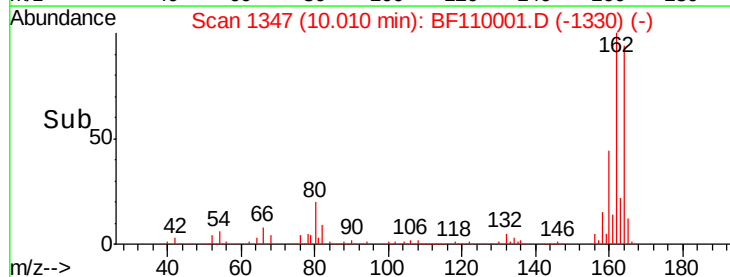
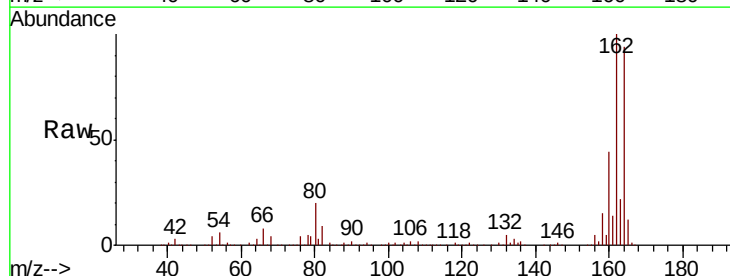
Instrument :
BNA_F
ClientSampleId :

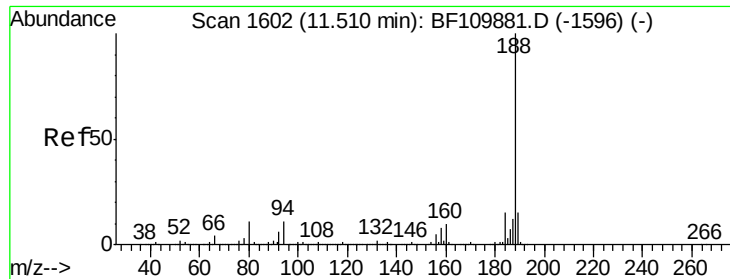
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.9	73.3#
89	1.6	46.6	69.8#



#57
2,4-Dinitrotoluene
Concen: 11.376 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.6	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. -0.01 min

Lab File: BF110001.D

Acq: 19 Oct 2018 14:41

Instrument :

BNA_F

ClientSampled :

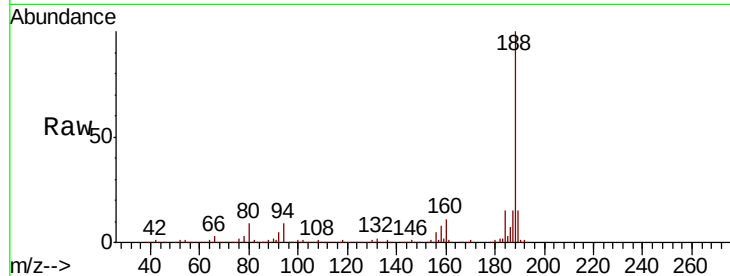
Tot Ion:188 Resp: 779259

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

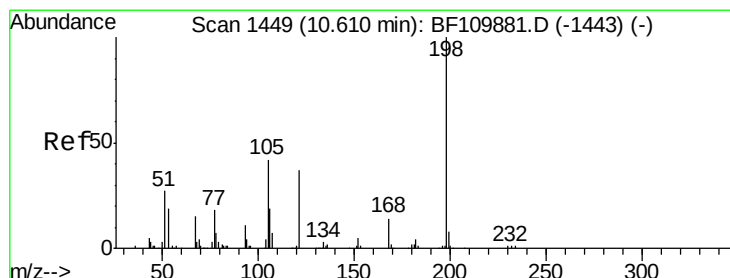
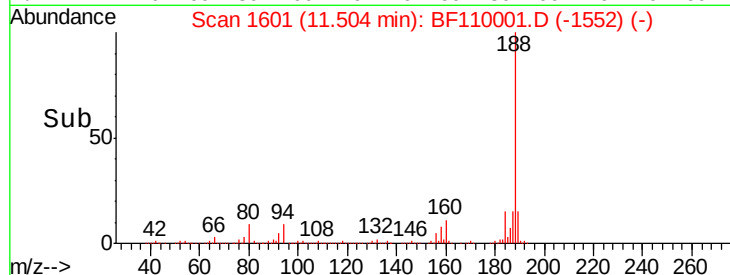
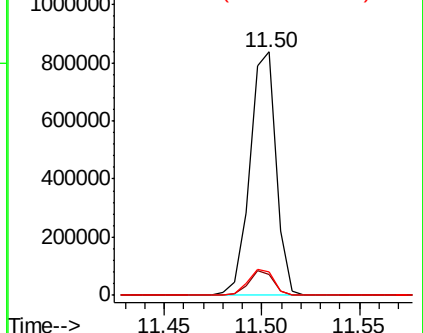
80 9.5 7.9 11.9



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: 8.215 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF110001.D

Acq: 19 Oct 2018 14:41

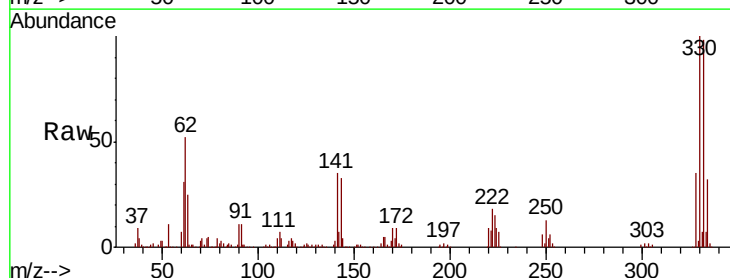
Tgt Ion:198 Resp: 1050

Ion Ratio Lower Upper

198 100

51 185.3 22.8 62.8#

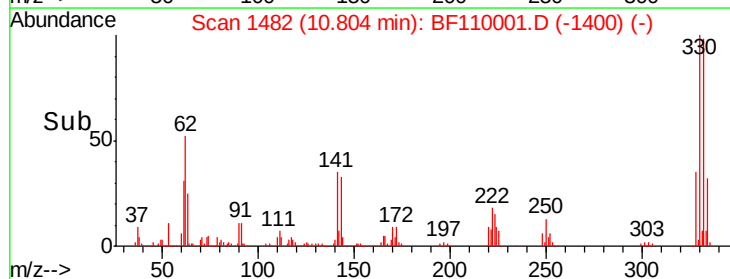
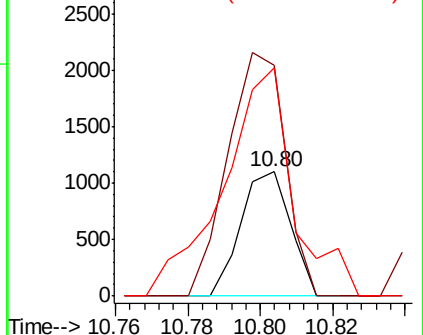
105 183.9 23.6 63.6#

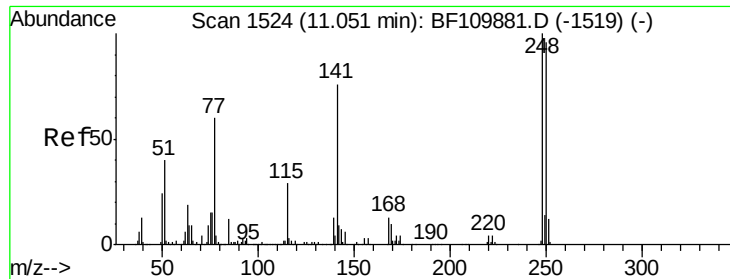


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

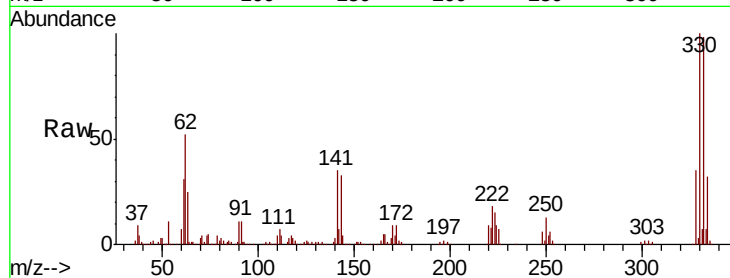




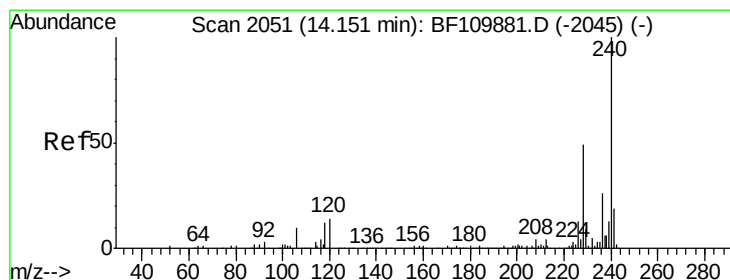
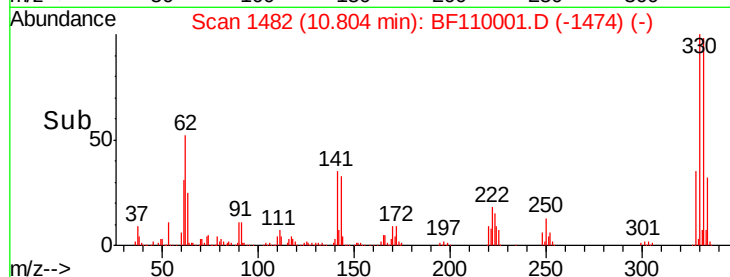
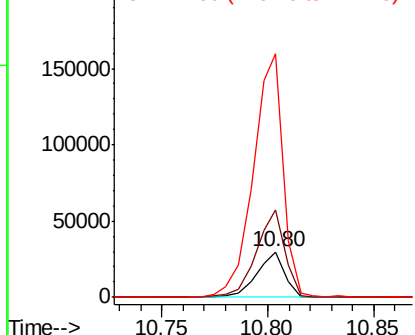
#67
4-Bromophenyl-phenylether
Concen: 3.258 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 27511
Ion Ratio Lower Upper
248 100
250 192.9 79.4 119.2#
141 535.0 55.9 83.9#

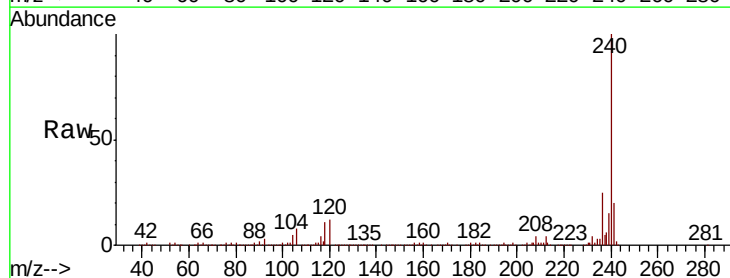


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

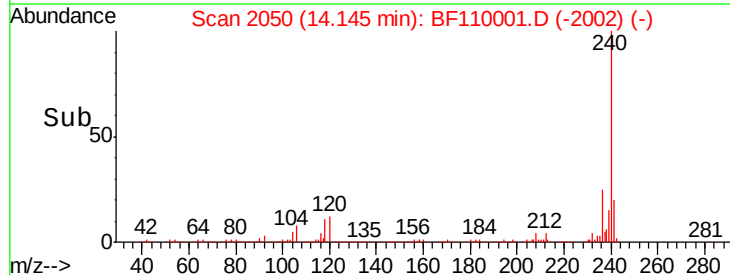
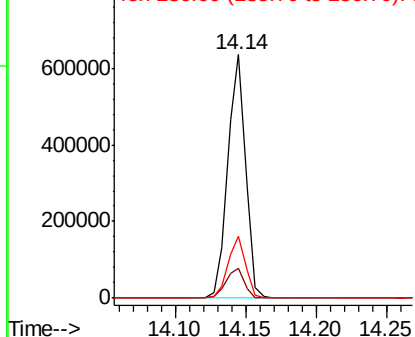


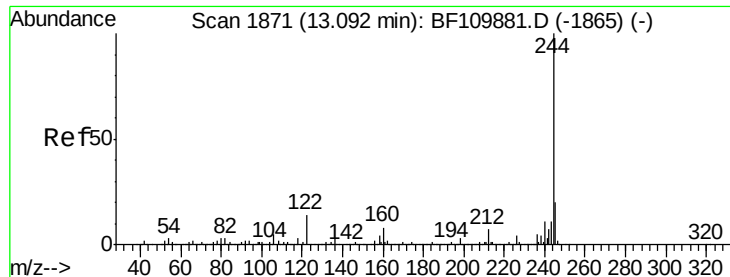
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

Tgt Ion:240 Resp: 553762
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 25.5 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

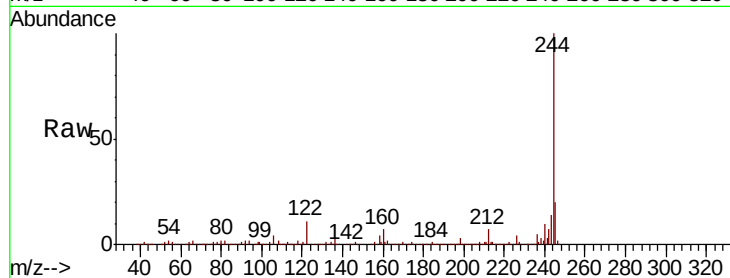




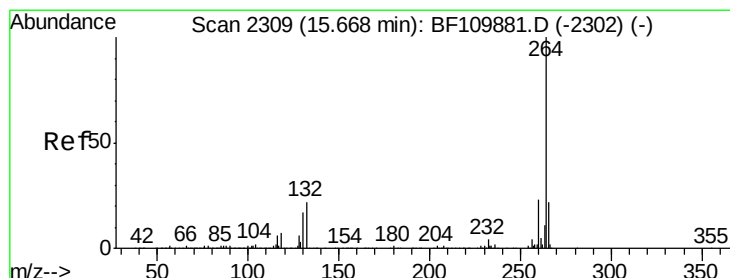
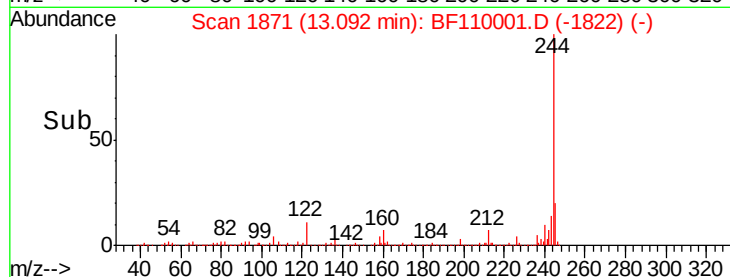
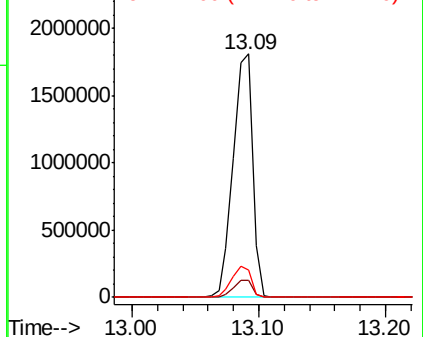
#79
 Terphenyl-d14
 Concen: 72.481 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110001.D
 Acq: 19 Oct 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1911359
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.4 8.7 13.1

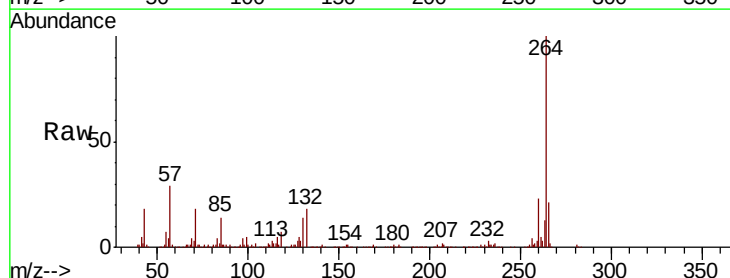


Abundance Ion 244.00 (243.70 to 244.70): E
 2500000 Ion 212.00 (211.70 to 212.70): E
 2000000 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110001.D
 Acq: 19 Oct 2018 14:41

Tgt Ion:264 Resp: 377427
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.7 28.1
 265 20.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 400000 Ion 260.00 (259.70 to 260.70): E
 300000 Ion 265.00 (264.70 to 265.70): E

