

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109903.D
 Acq On : 16 Oct 2018 14:20
 Operator : JU/SJ
 Sample : J5515-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 14:55:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	247852	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	916059	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	366172	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	553549	20.00	ng	0.00
76) Chrysene-d12	14.16	240	557470	20.00	ng	0.00
87) Perylene-d12	15.69	264	578168	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1385727	88.62	ng	0.01
7) Phenol-d6	6.60	99	1744563	89.85	ng	0.00
23) Nitrobenzene-d5	7.54	82	1058614	77.85	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	261866	82.60	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1716604	74.80	ng	0.00
79) Terphenyl-d14	13.10	244	1343280	50.60	ng	0.00

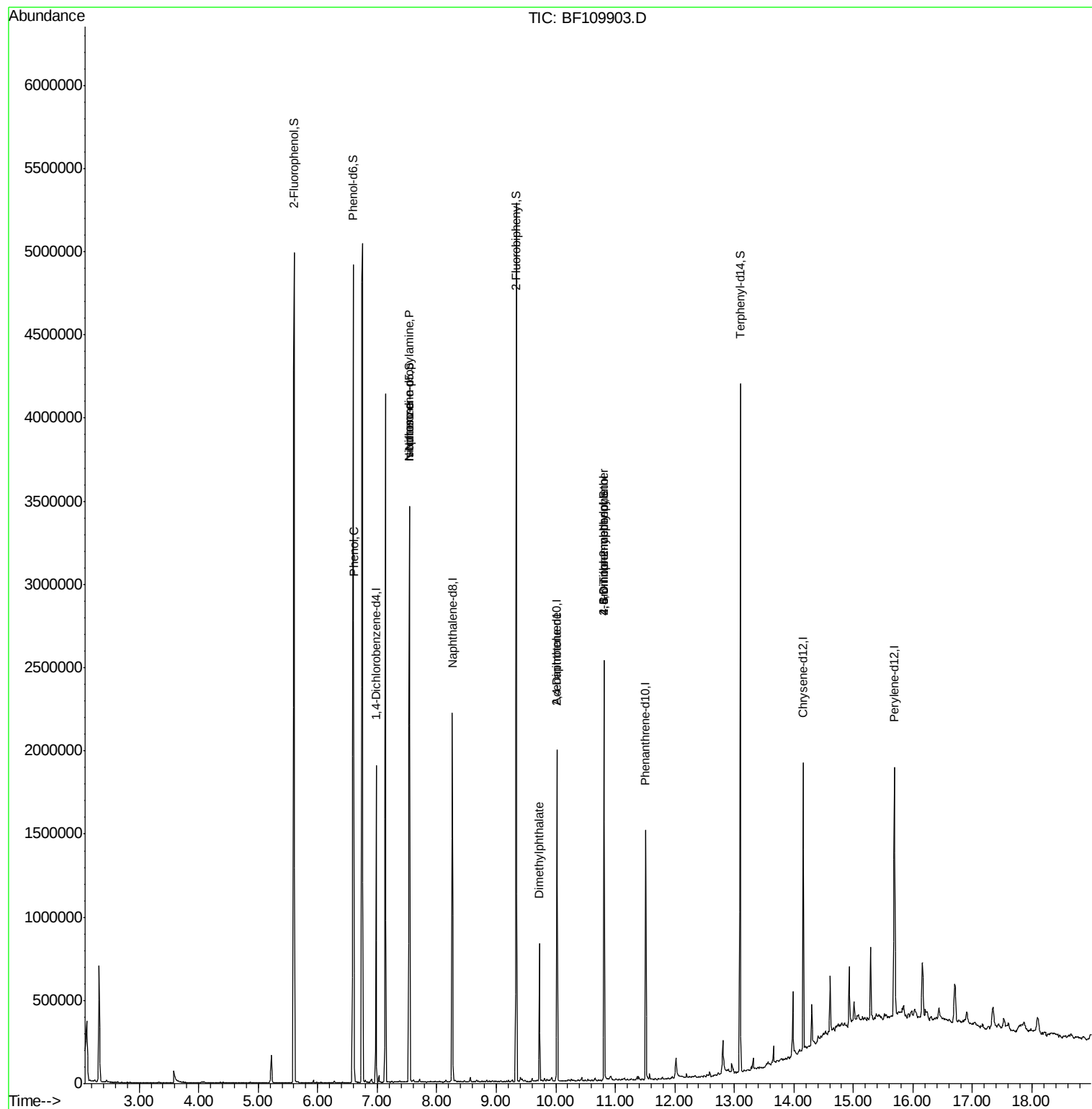
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.61	94	123885	5.910	ng	# 59
19) n-Nitroso-di-n-propylamine	7.54	70	138235	11.089	ng	# 82
25) Isophorone	7.54	82	1058600	39.618	ng	# 67
50) Dimethylphthalate	9.73	163	291378	11.238	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	47207	11.447	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	567	8.141	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	16415	2.736	ng	# 1

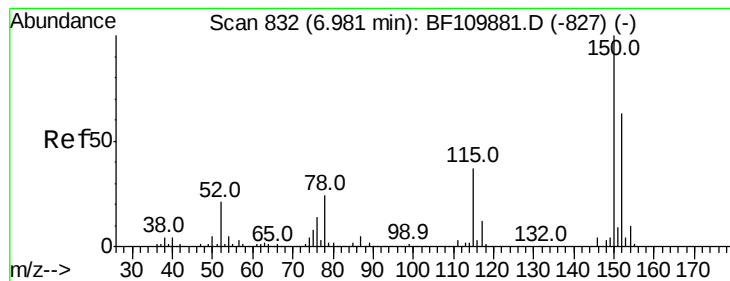
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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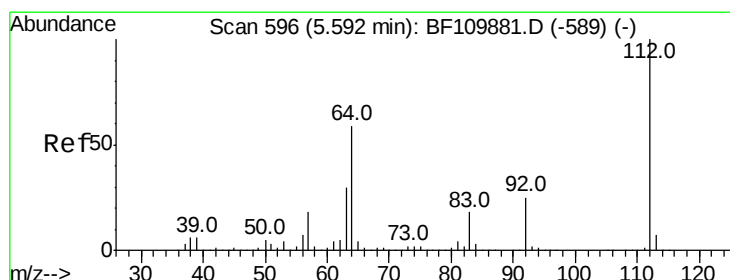
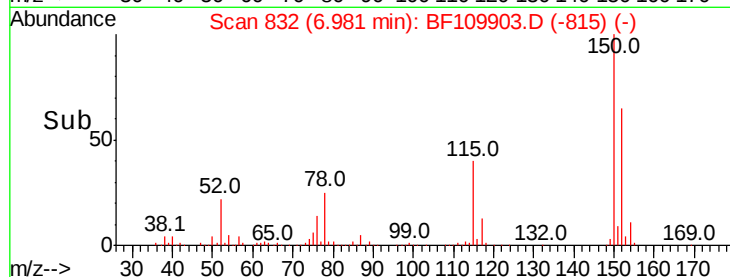
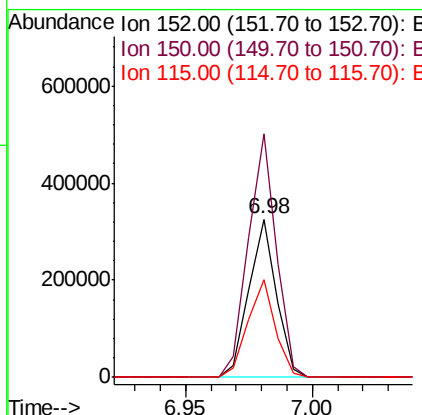
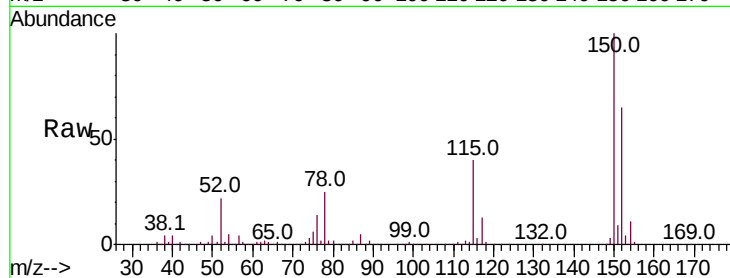


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Instrument :
BNA_F
ClientSampleId :

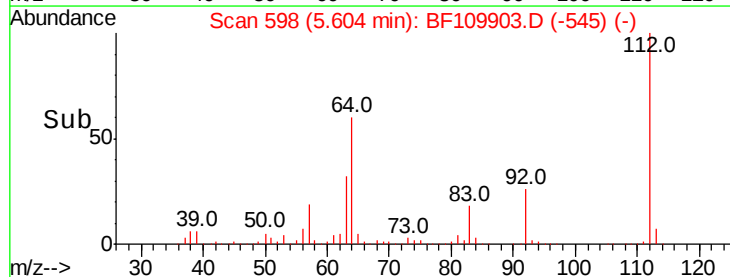
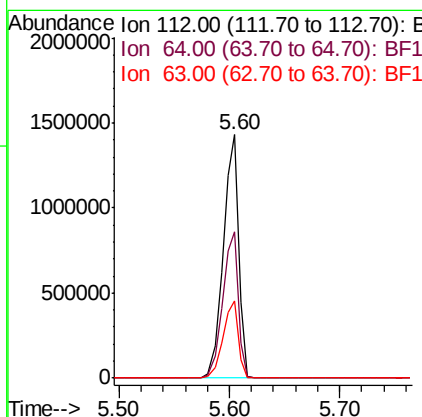
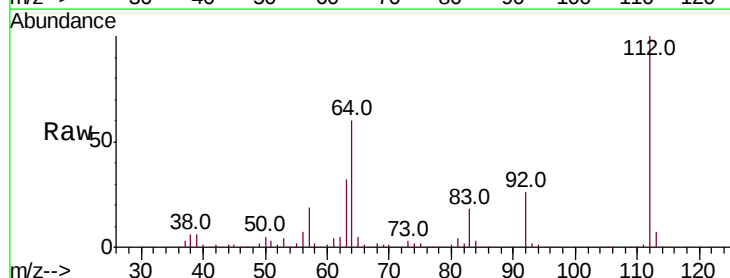
Tot Ion:152 Resp: 247852
Ion Ratio Lower Upper
152 100
150 153.8 122.7 184.1
115 61.4 49.1 73.7

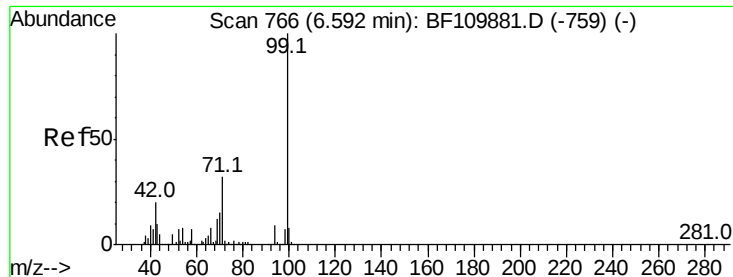


#5

2-Fluorophenol
Concen: 88.624 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion:112 Resp: 1385727
Ion Ratio Lower Upper
112 100
64 60.1 44.1 66.1
63 31.7 23.7 35.5





#7

Phenol-d6

Concen: 89.853 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF109903.D

Acq: 16 Oct 2018 14:20

Instrument :

BNA_F

ClientSampleId :

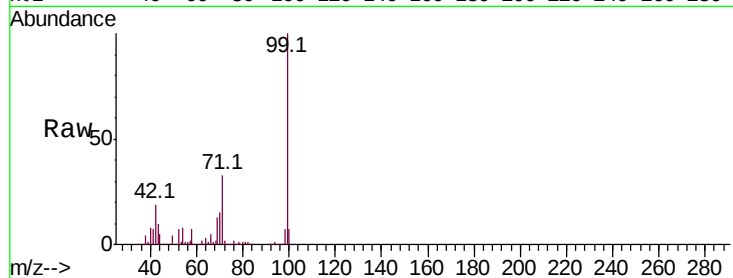
Tot Ion: 99 Resp: 1744563

Ion Ratio Lower Upper

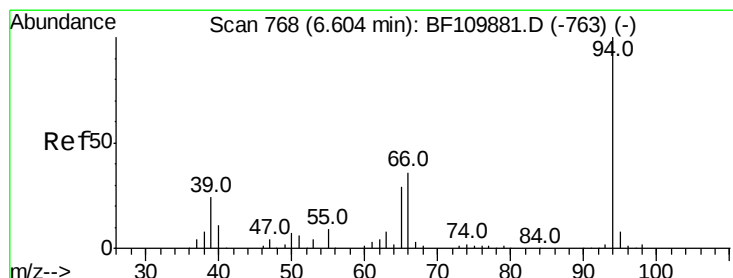
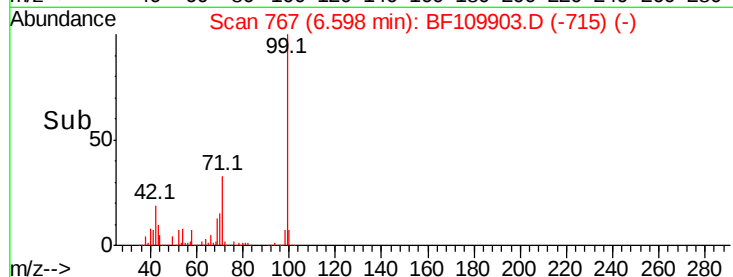
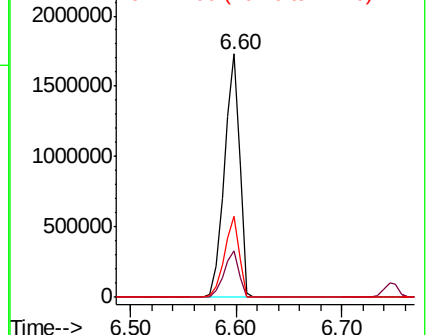
99 100

42 19.3 15.8 23.6

71 33.1 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: 5.910 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF109903.D

Acq: 16 Oct 2018 14:20

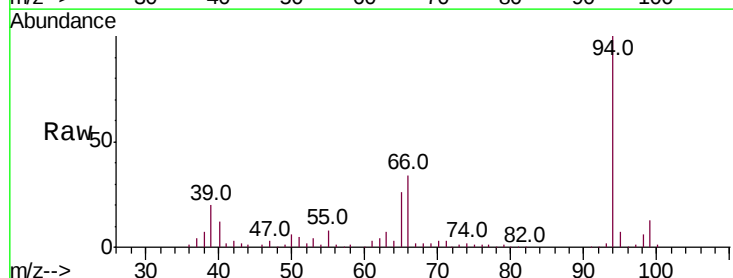
Tgt Ion: 94 Resp: 123885

Ion Ratio Lower Upper

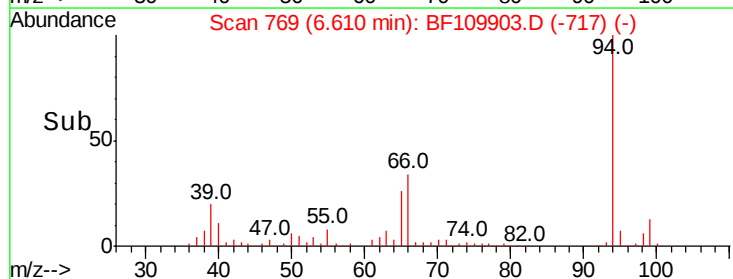
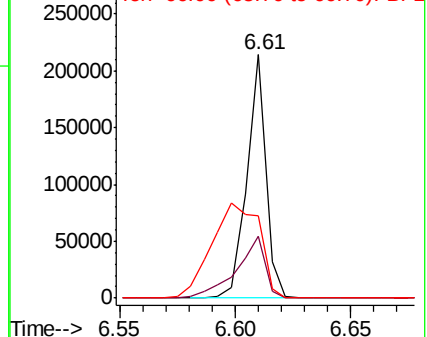
94 100

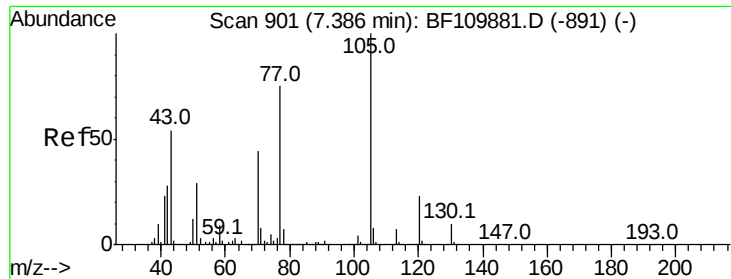
65 25.7 25.3 65.3

66 33.9 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

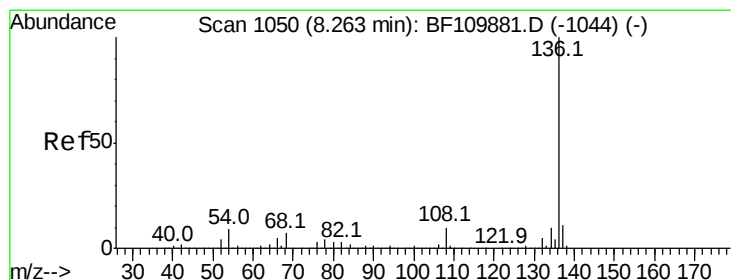
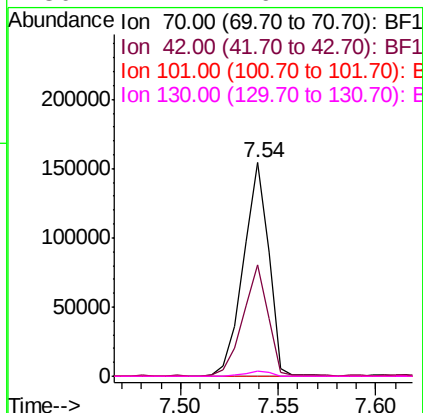
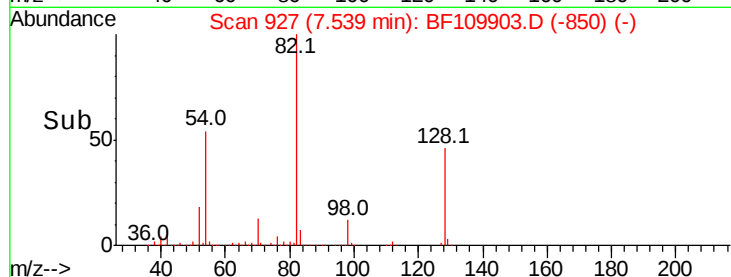
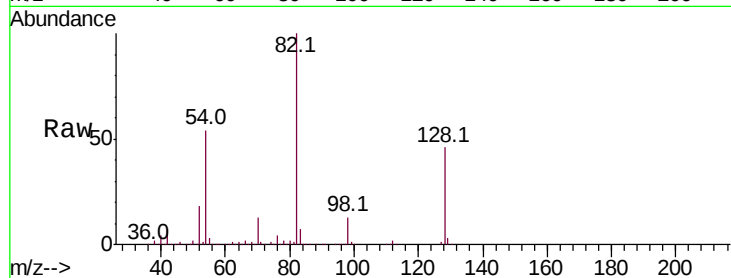




#19
n-Nitroso-di-n-propylamine
Concen: 11.089 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

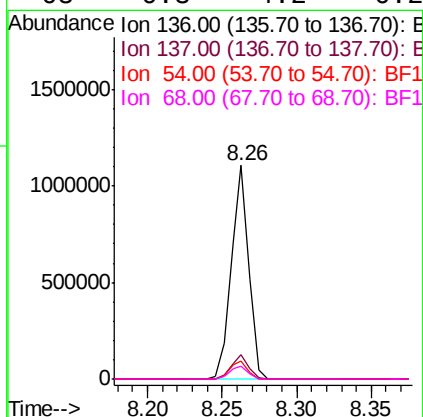
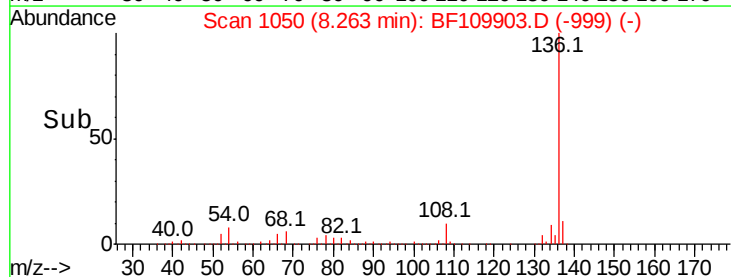
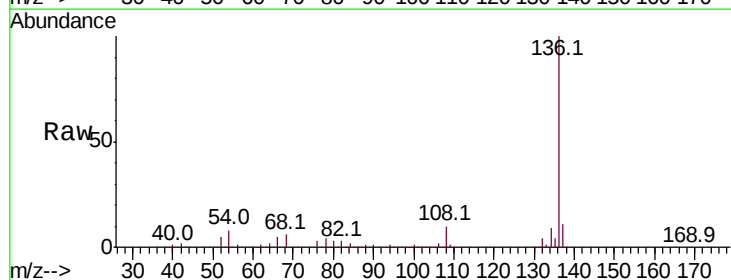
Instrument :
BNA_F
ClientSampleId :

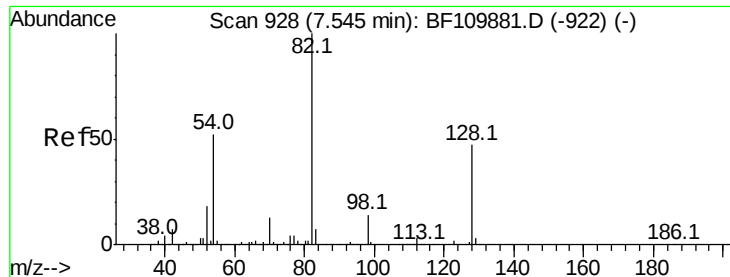
Tot Ion: 70 Resp: 138235
Ion Ratio Lower Upper
70 100
42 52.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion:136 Resp: 916059
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.4 5.4 8.2#
68 6.3 4.2 6.2#

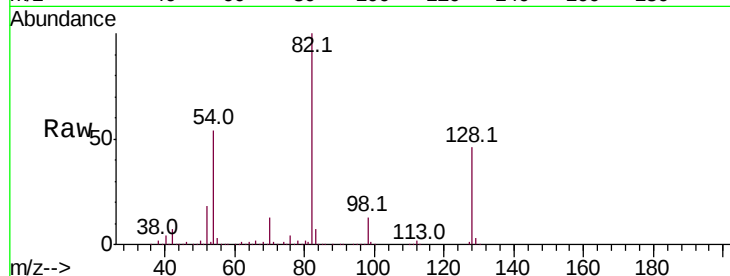




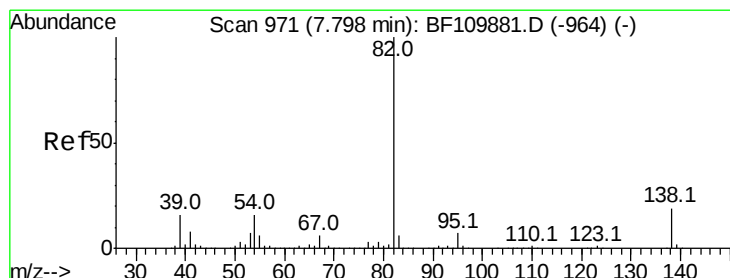
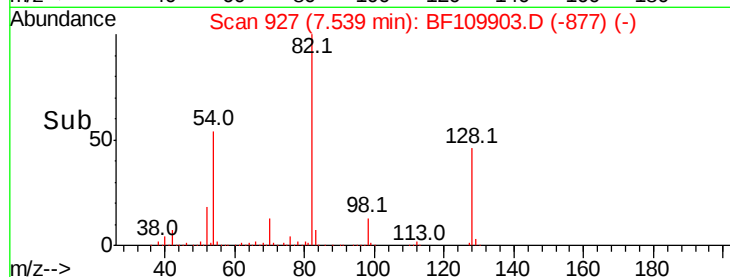
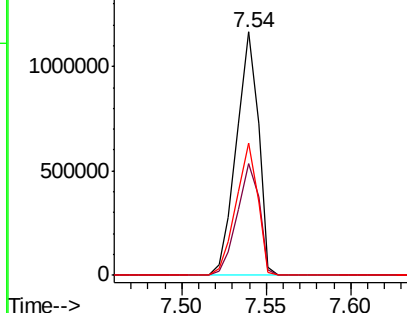
#23
Nitrobenzene-d5
Concen: 77.847 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1058614
Ion Ratio Lower Upper
82 100
128 46.1 34.2 51.2
54 54.5 38.6 58.0

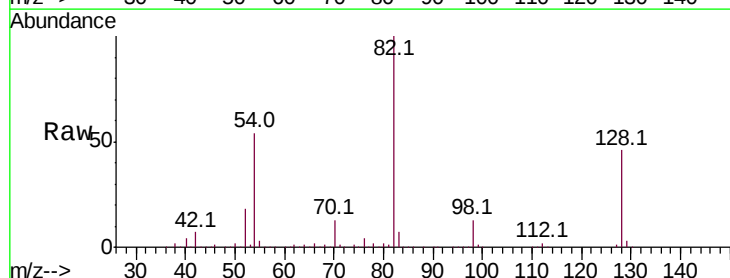


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

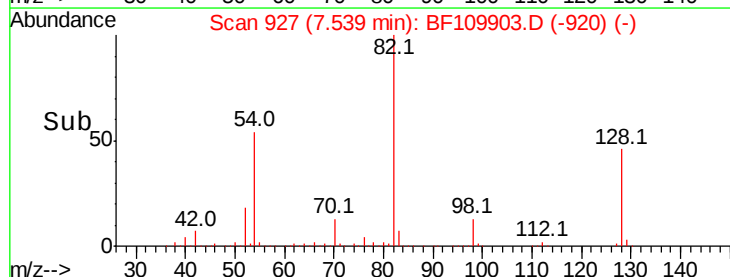
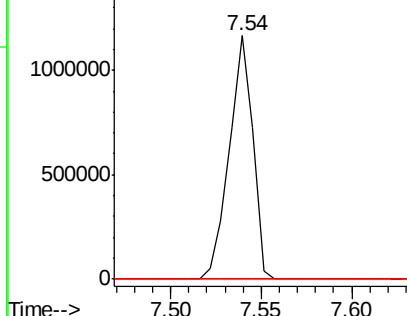


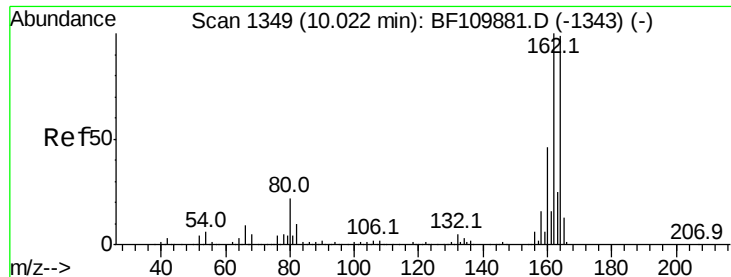
#25
Isophorone
Concen: 39.618 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion: 82 Resp: 1058600
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

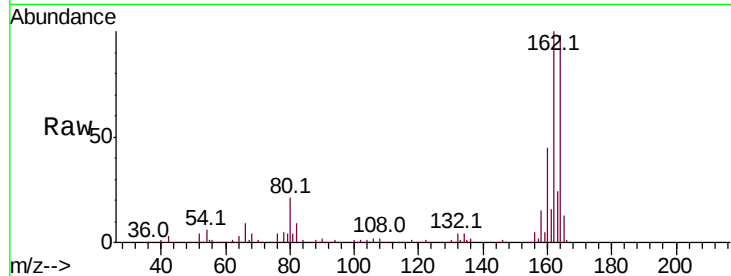




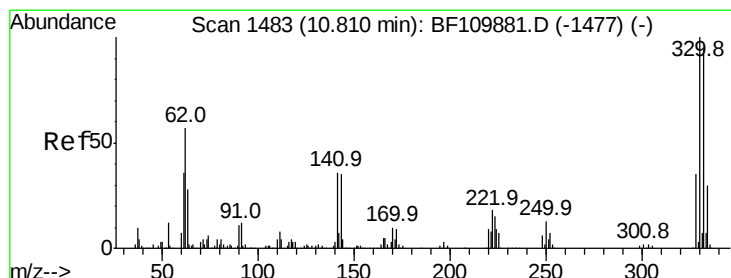
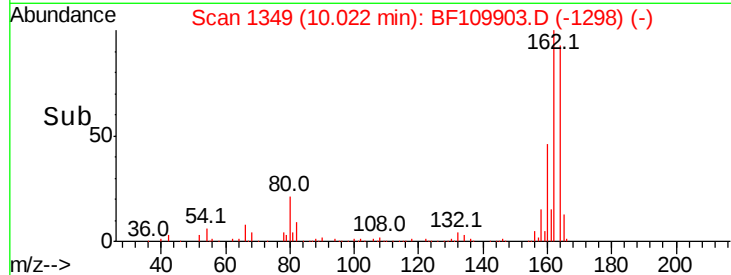
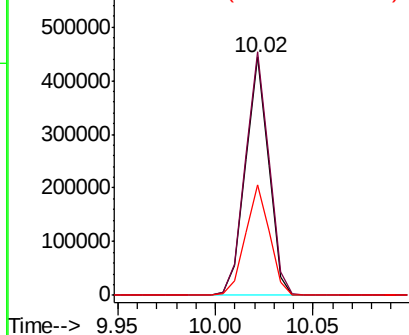
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF109903.D
 Acq: 16 Oct 2018 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 366172
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.0 124.6
 160 46.5 37.0 55.6

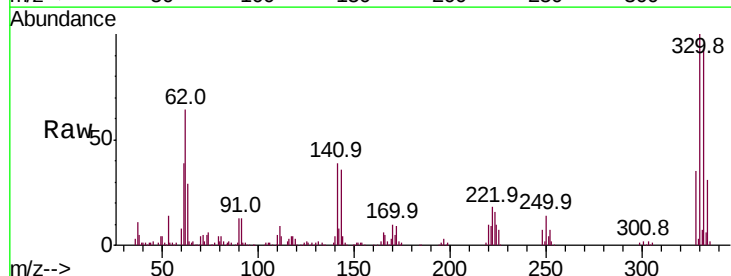


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

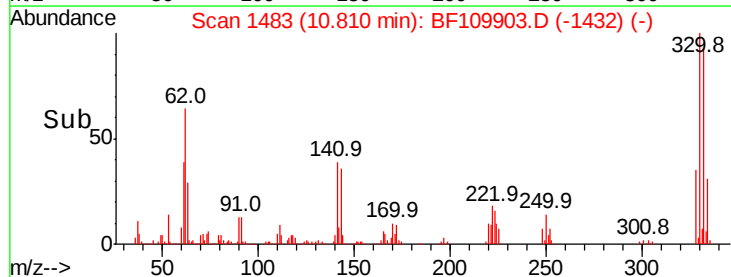
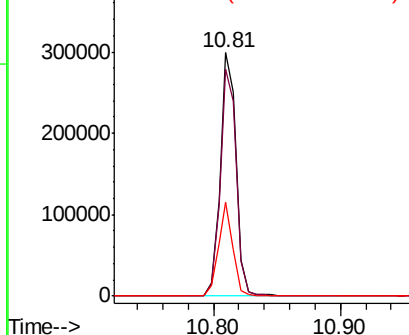


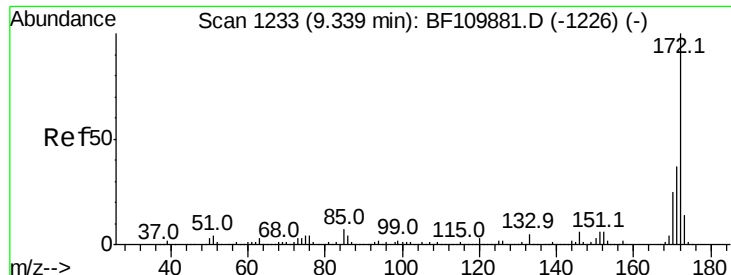
#42
 2,4,6-Tribromophenol
 Concen: 82.602 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF109903.D
 Acq: 16 Oct 2018 14:20

Tgt Ion:330 Resp: 261866
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.1 115.7
 141 35.5 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

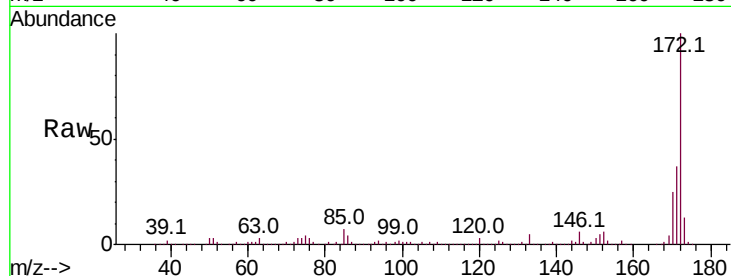




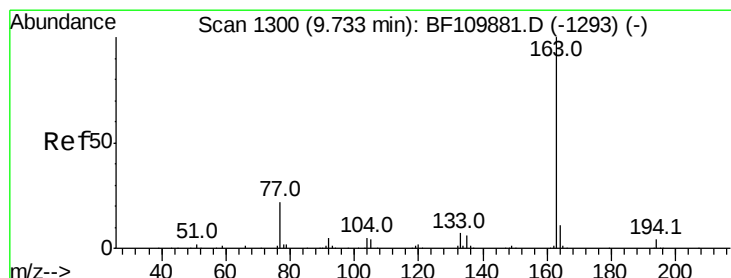
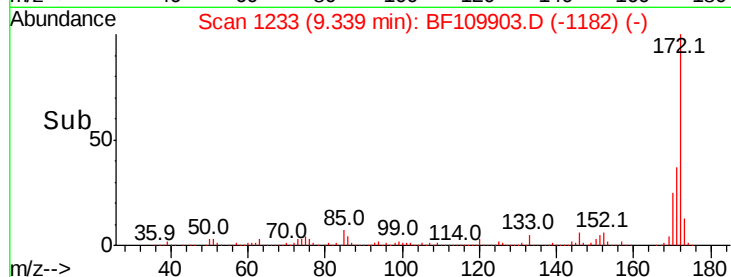
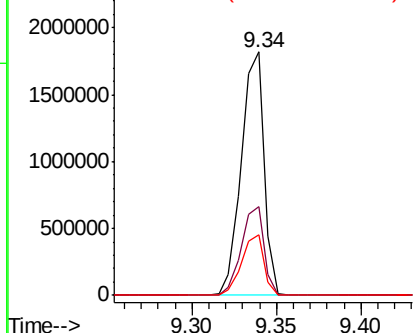
#45
2-Fluorobiphenyl
Concen: 74.804 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1716604
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.7 19.7 29.5

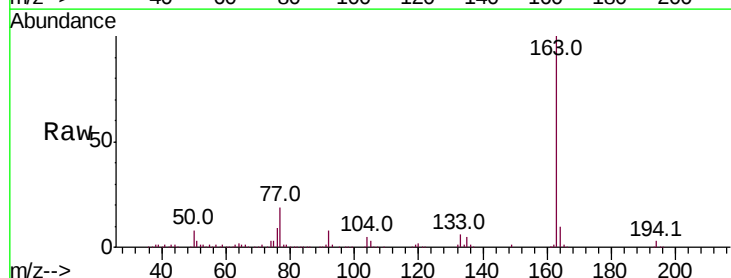


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

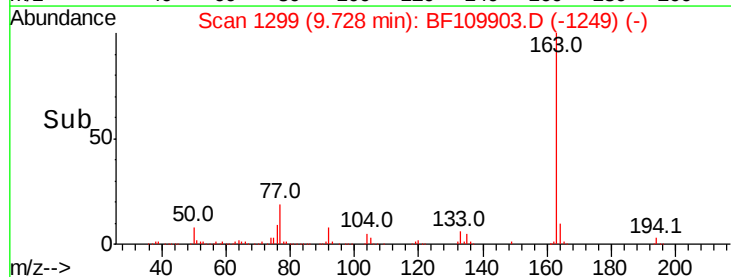
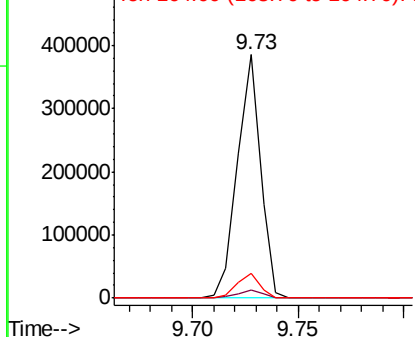


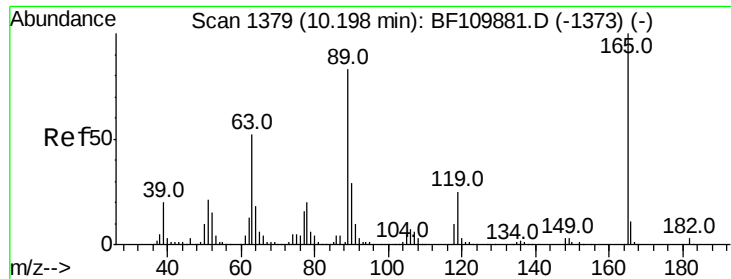
#50
Dimethylphthalate
Concen: 11.238 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Tgt Ion:163 Resp: 291378
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

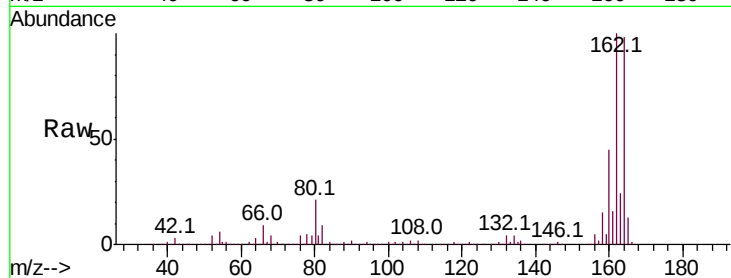




#57
 2,4-Dinitrotoluene
 Concen: 11.447 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.18 min
 Lab File: BF109903.D
 Acq: 16 Oct 2018 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



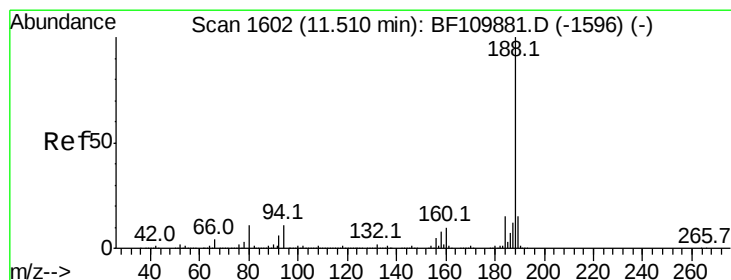
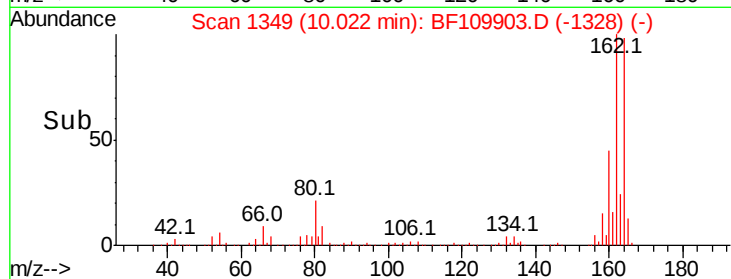
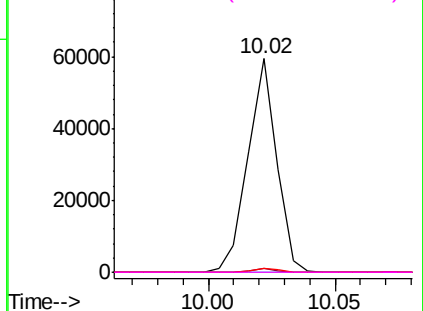
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

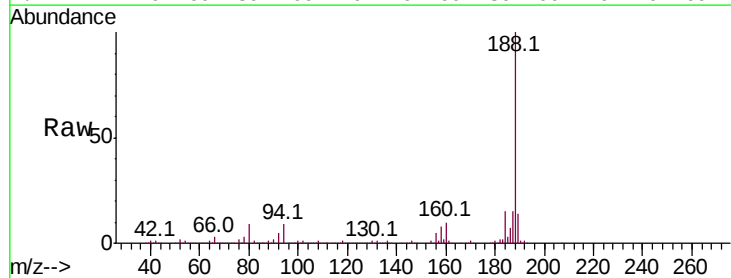
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BF109903.D
 Acq: 16 Oct 2018 14:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	8.9	7.9	11.9

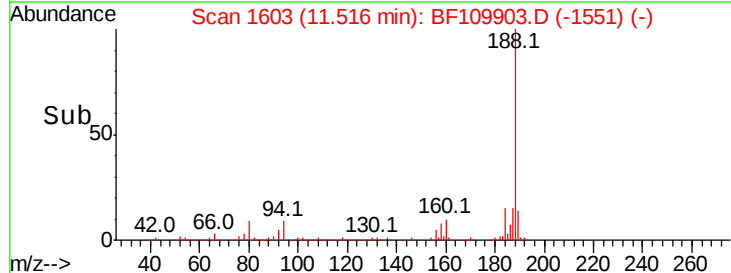
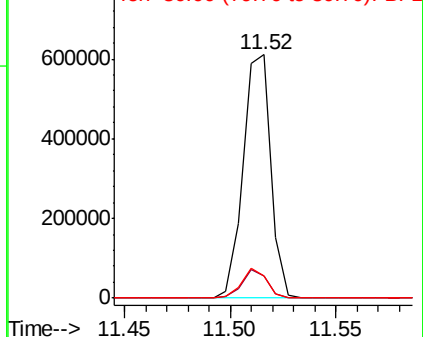


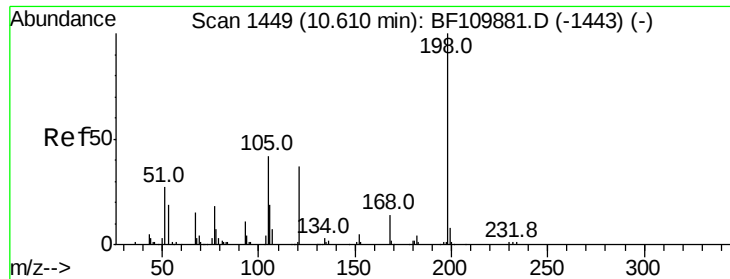
Abundance

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

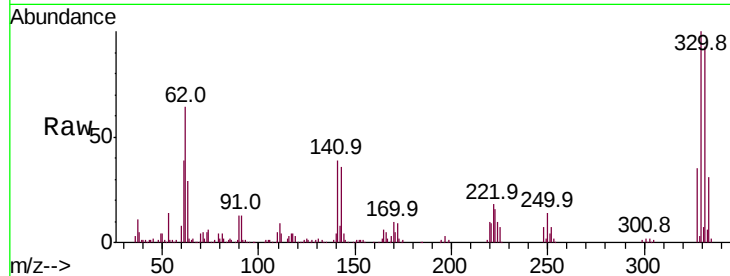




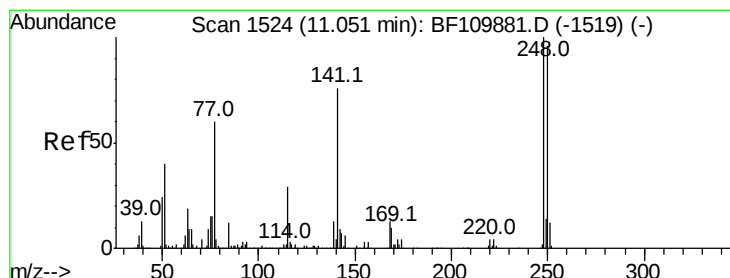
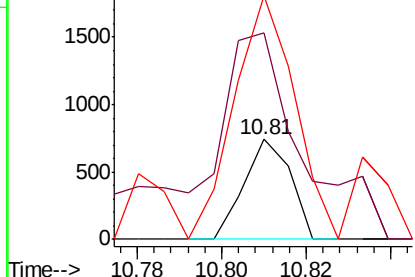
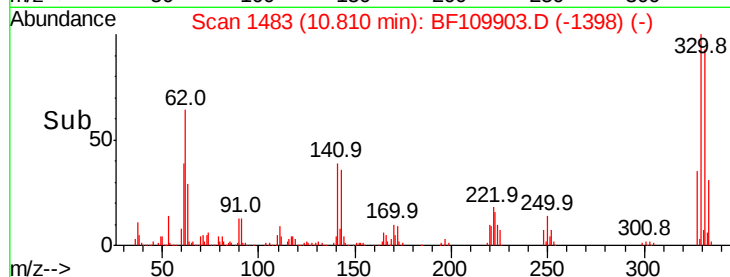
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.141 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.20 min
 Lab File: BF109903.D
 Acq: 16 Oct 2018 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 567
 Ion Ratio Lower Upper
 198 100
 51 205.8 22.8 62.8#
 105 243.2 23.6 63.6#

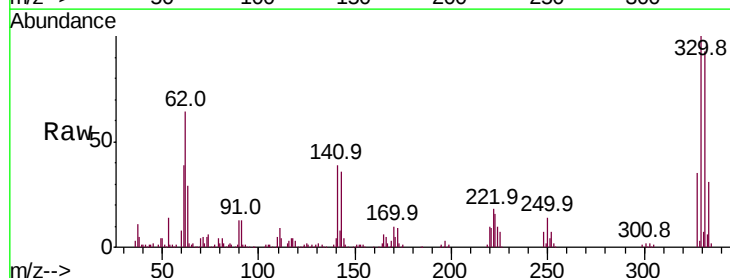


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

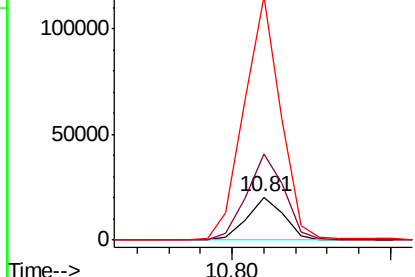
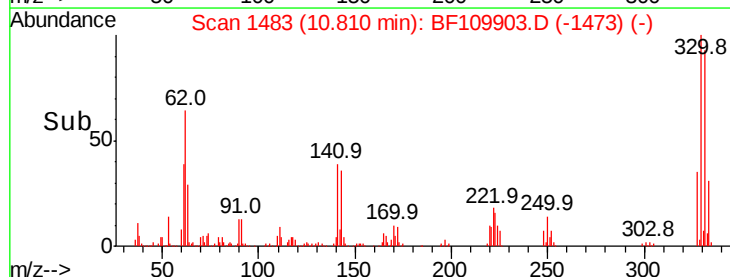


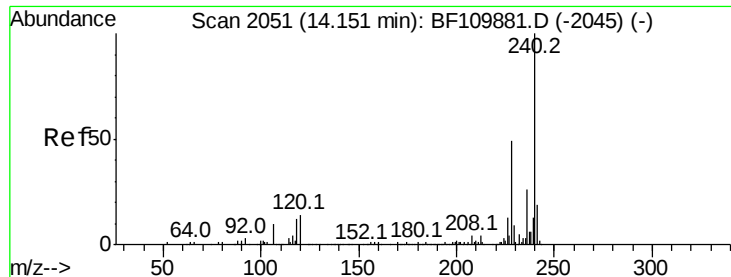
#67
 4-Bromophenyl-phenylether
 Concen: 2.736 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.24 min
 Lab File: BF109903.D
 Acq: 16 Oct 2018 14:20

Tgt Ion:248 Resp: 16415
 Ion Ratio Lower Upper
 248 100
 250 200.5 79.4 119.2#
 141 566.2 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

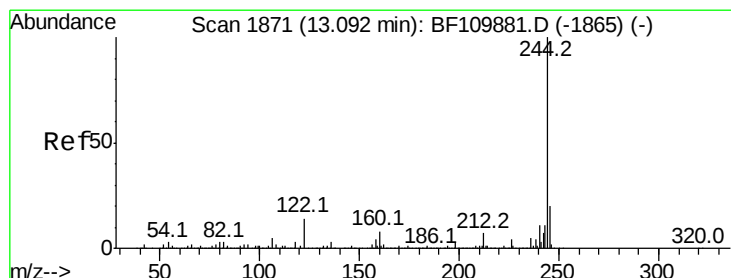
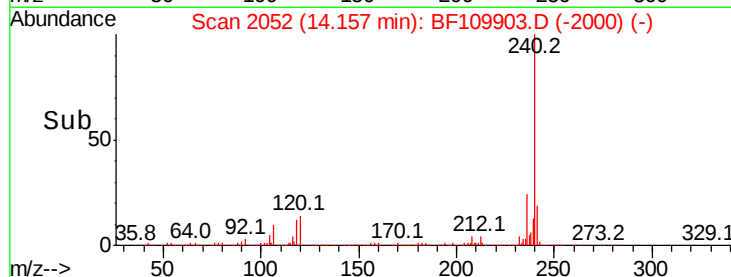
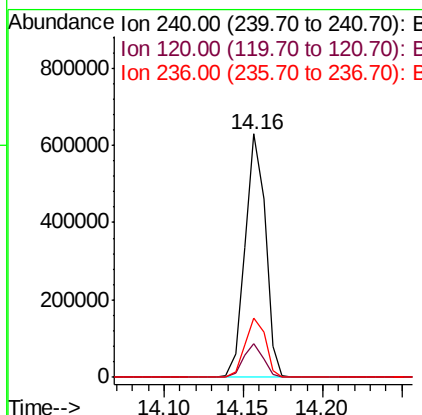
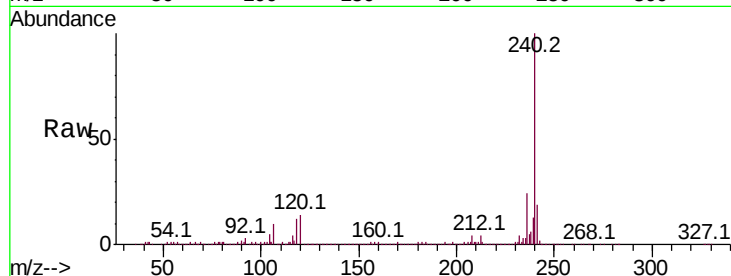




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BF109903.D
 Acq: 16 Oct 2018 14:20

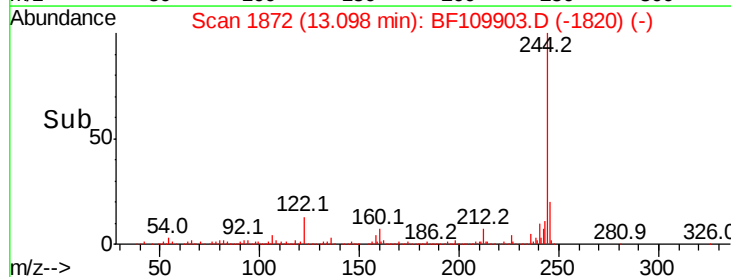
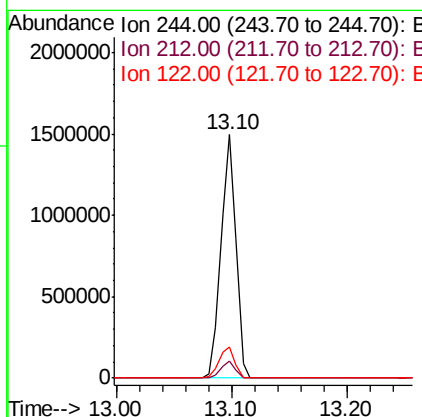
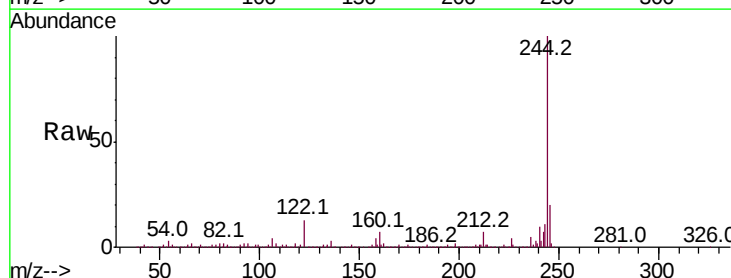
Instrument :
 BNA_F
 ClientSampleId :

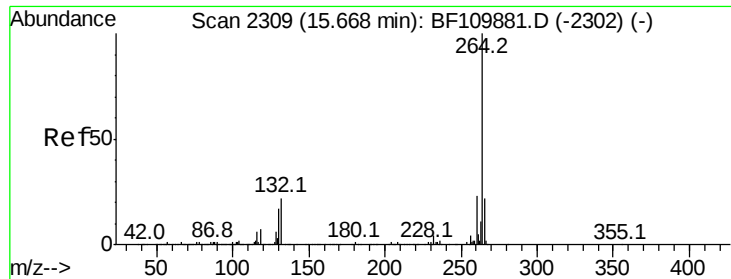
Tot Ion:240 Resp: 557470
 Ion Ratio Lower Upper
 240 100
 120 14.0 8.3 12.5#
 236 24.4 21.2 31.8



#79
 Terphenyl-d14
 Concen: 50.600 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BF109903.D
 Acq: 16 Oct 2018 14:20

Tgt Ion:244 Resp: 1343280
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.6 8.7 13.1

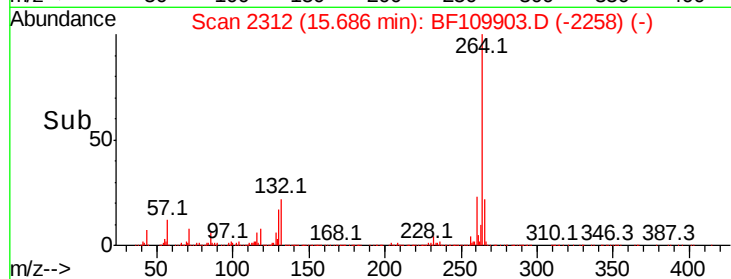
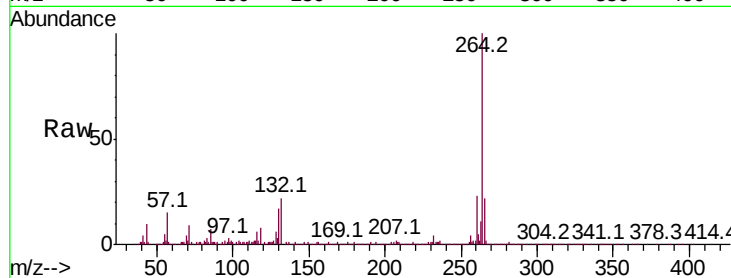




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.02 min
Lab File: BF109903.D
Acq: 16 Oct 2018 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.0	16.7	25.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

