

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099361.D
 Acq On : 11 Oct 2017 23:02
 Operator : SJ/JU
 Sample : I5710-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:53:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

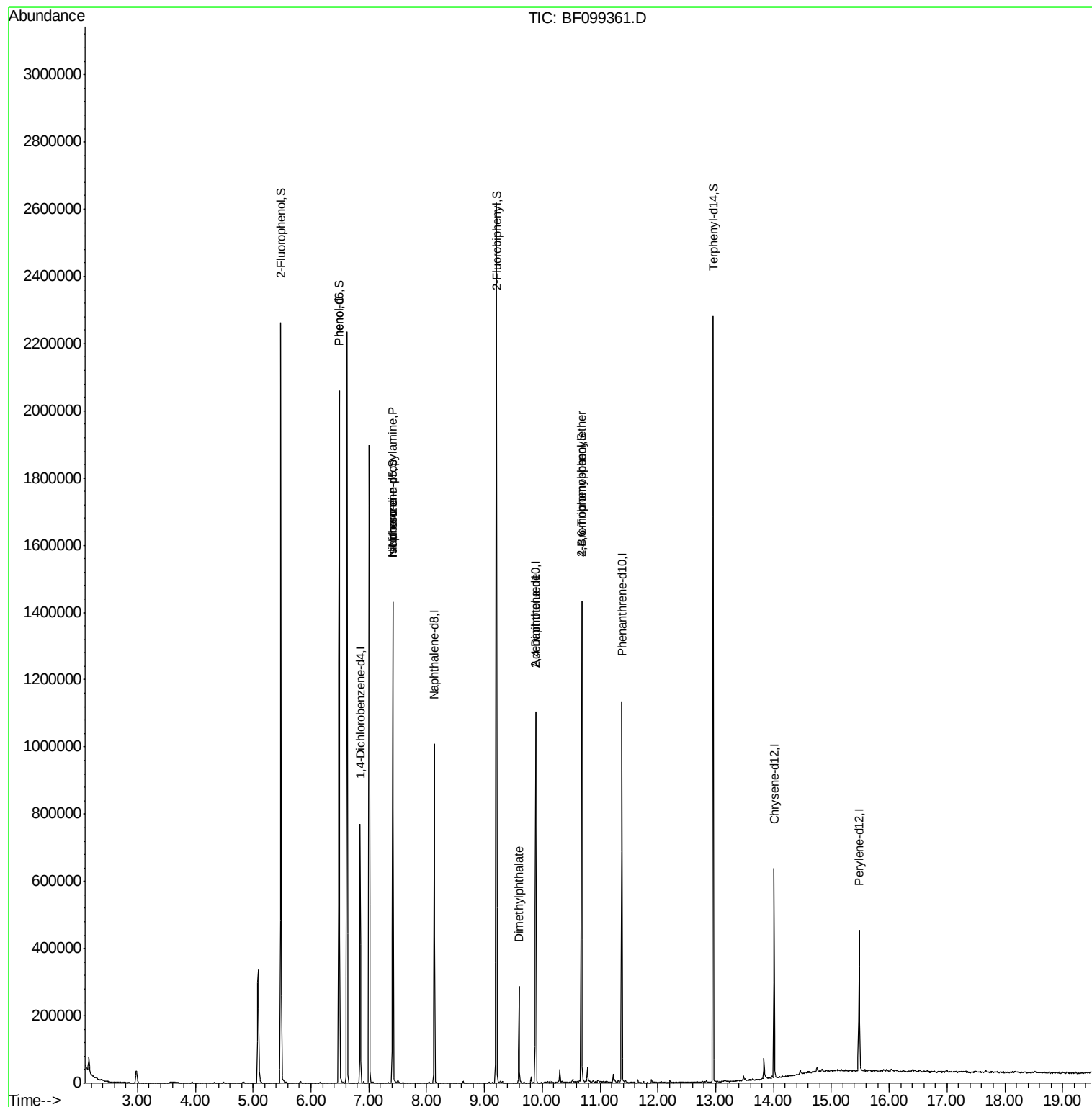
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112379	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	457056	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	209229	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	368944	20.00	ng	0.00
75) Chrysene-d12	14.01	240	202135	20.00	ng	0.00
86) Perylene-d12	15.48	264	176749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	707106	100.16	ng	0.01
7) Phenol-d6	6.49	99	847254	97.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	487043	68.34	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	167592	97.89	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	898084	71.66	ng	0.00
78) Terphenyl-d14	12.96	244	723670	81.42	ng	0.00
Target Compounds						
10) Phenol	6.50	94	29650	3.04	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.42	70	61762	11.11	ng	# 73
25) Isophorone	7.42	82	487037	33.05	ng	# 64
49) Dimethylphthalate	9.60	163	113125	7.16	ng	99
56) 2,4-Dinitrotoluene	9.89	165	26664	5.98	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	11043	3.06	ng	# 1

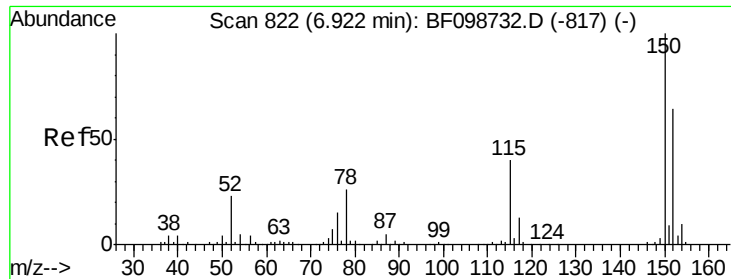
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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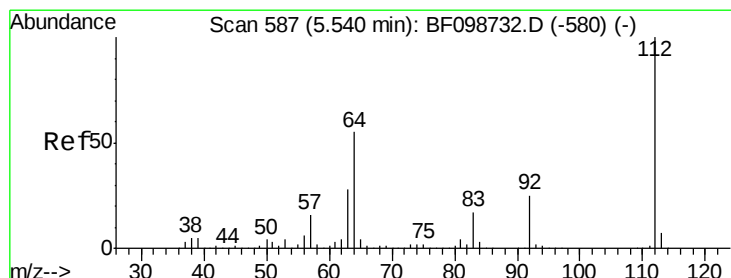
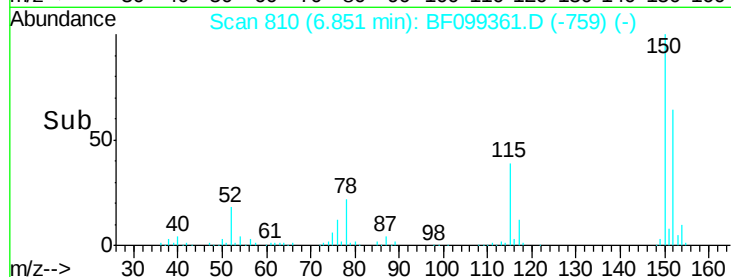
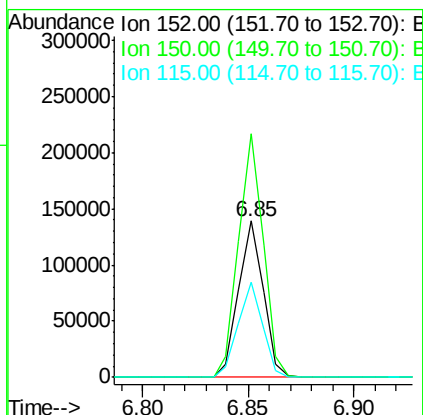
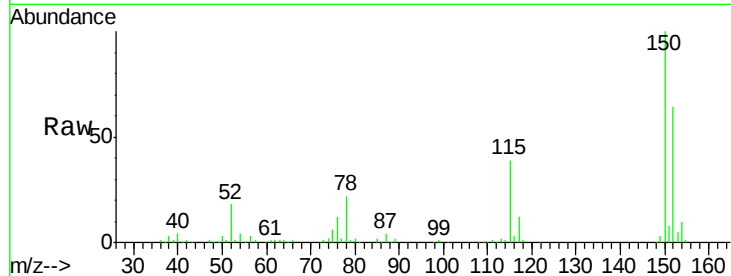


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

Instrument :
BNA_F
ClientSampled :

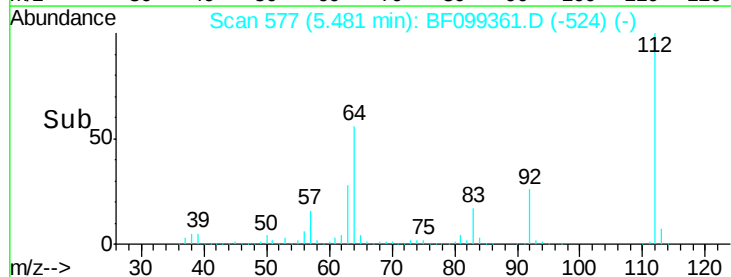
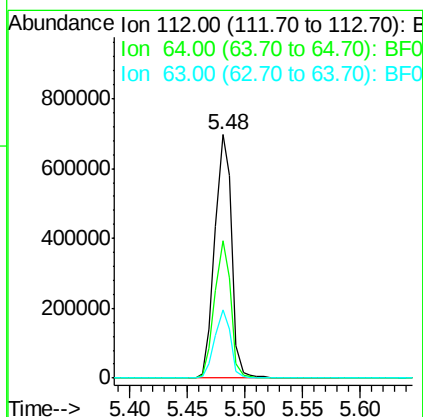
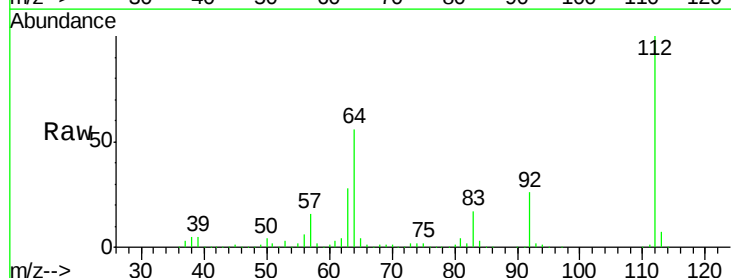
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	61.3	50.1	75.1

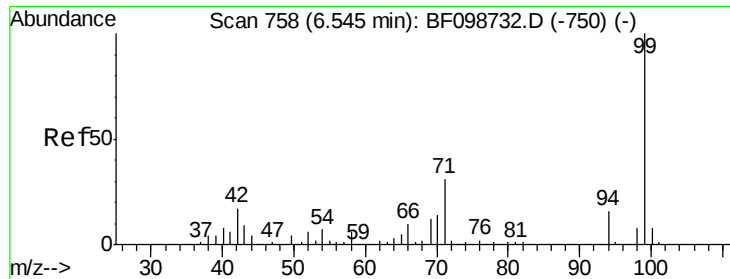


#5

2-Fluorophenol
Concen: 100.16 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	27.9	23.7	35.5





#7

Phenol-d6

Concen: 97.29 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099361.D

Acq: 11 Oct 2017 23:02

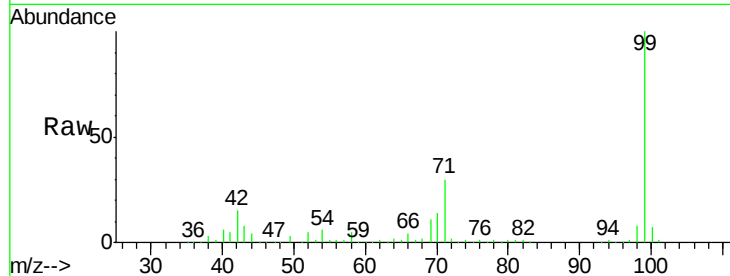
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 847254

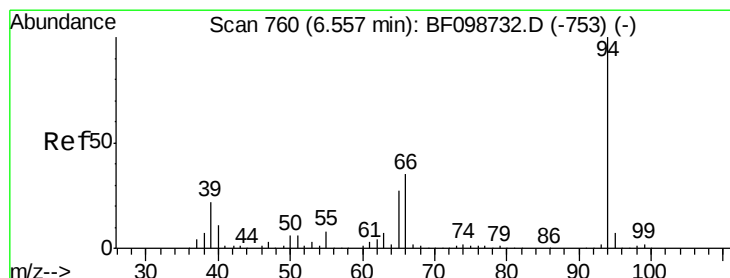
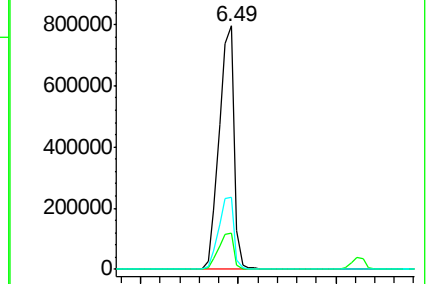
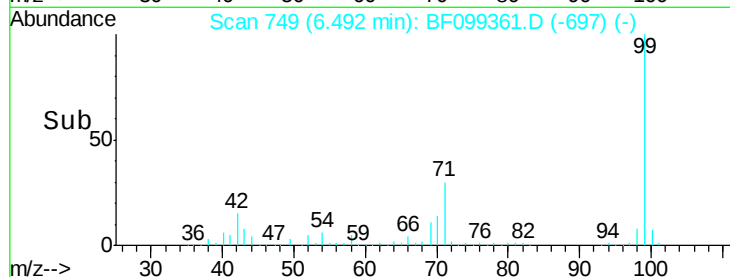
Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	29.7	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.04 ng

RT: 6.50 min Scan# 750

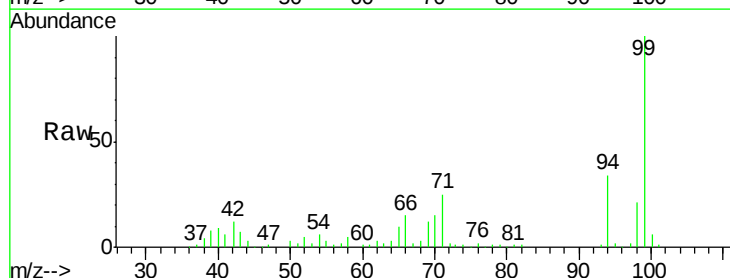
Delta R.T. 0.00 min

Lab File: BF099361.D

Acq: 11 Oct 2017 23:02

Tgt Ion: 94 Resp: 29650

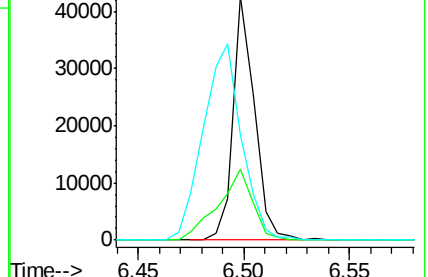
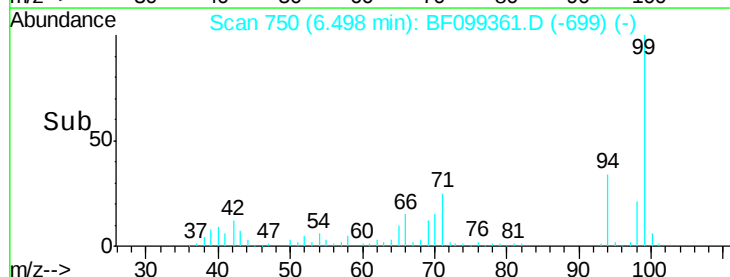
Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	43.5	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

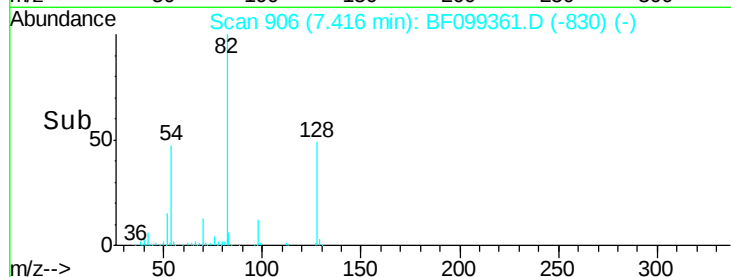
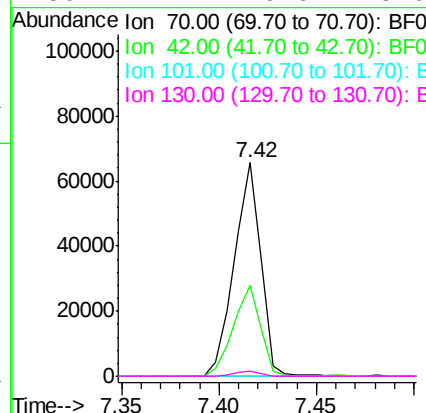
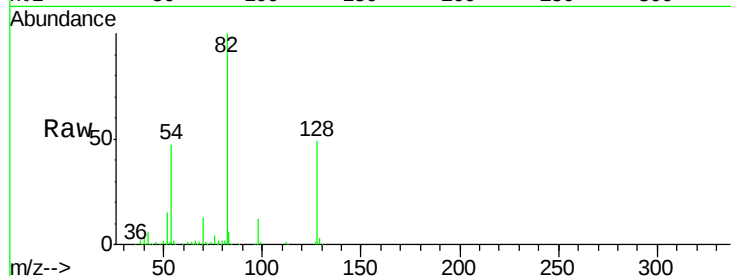




#19
n-Nitroso-di-n-propylamine
Concen: 11.11 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

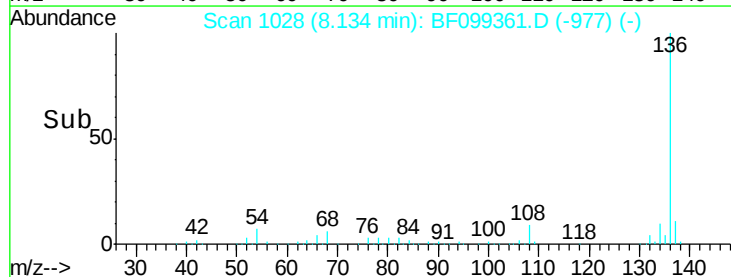
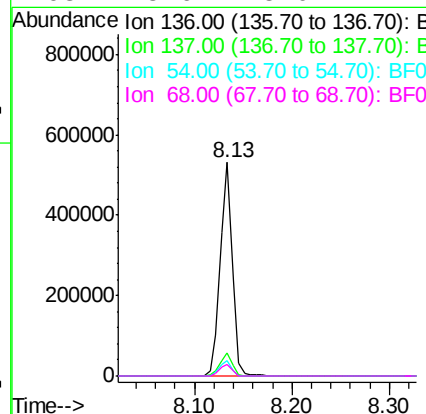
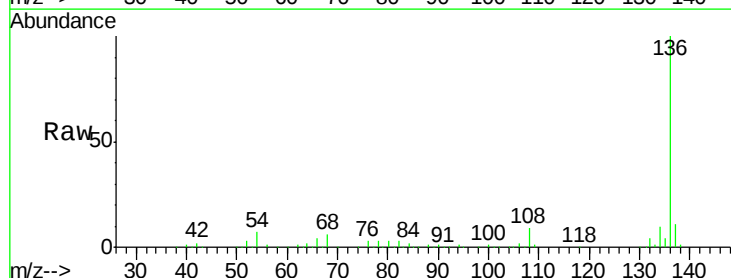
Instrument :
BNA_F
ClientSampleId :

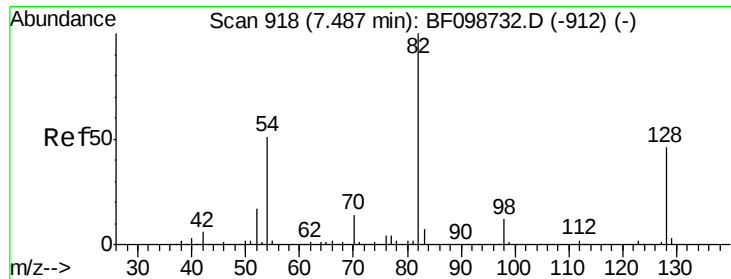
Tot Ion: 70 Resp: 61762
Ion Ratio Lower Upper
70 100
42 42.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

Tgt Ion: 136 Resp: 457056
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 6.6 9.8
68 5.6 5.0 7.4

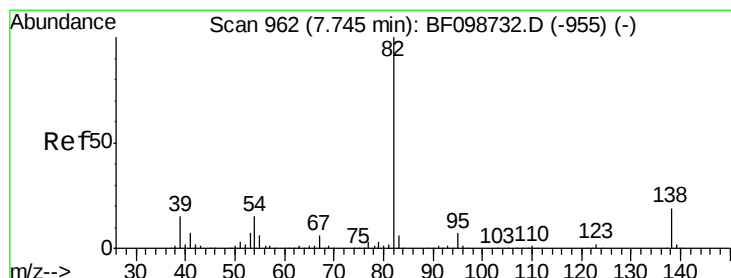
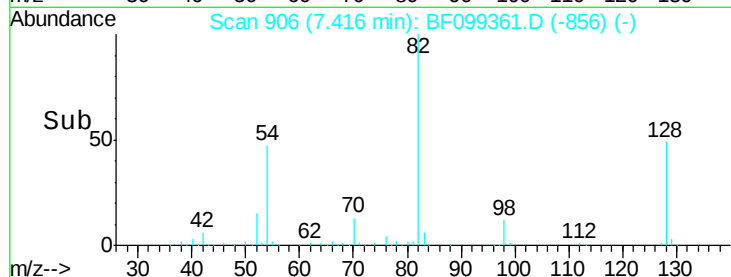
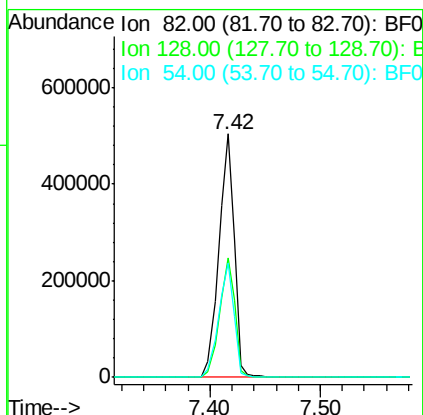
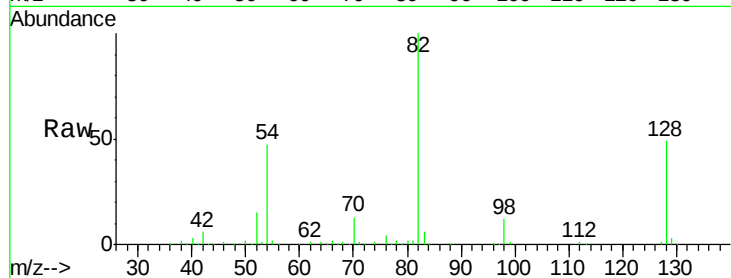




#23
 Nitrobenzene-d5
 Concen: 68.34 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099361.D
 Acq: 11 Oct 2017 23:02

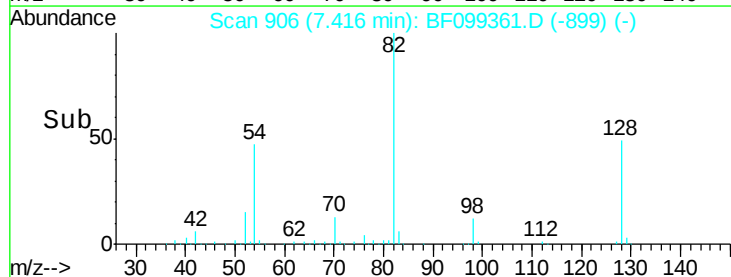
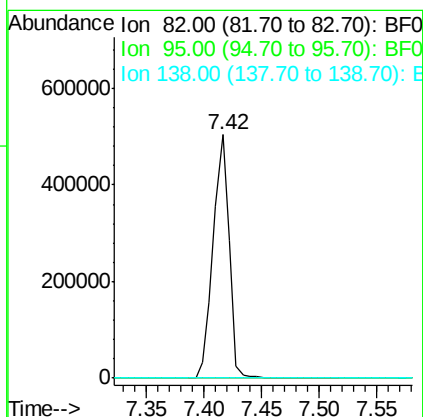
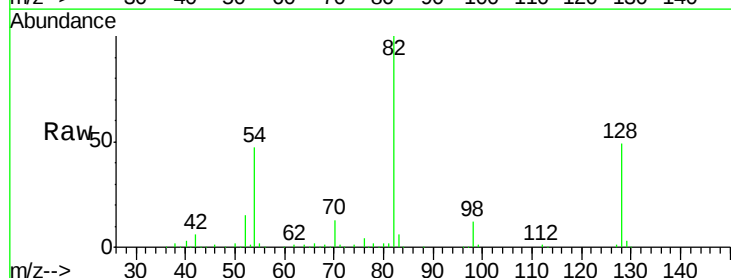
Instrument :
 BNA_F
 ClientSampleId :

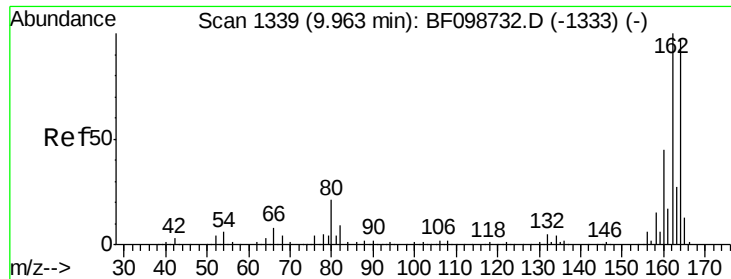
Tot Ion: 82 Resp: 487043
 Ion Ratio Lower Upper
 82 100
 128 49.0 36.1 54.1
 54 46.8 41.4 62.2



#25
 Isophorone
 Concen: 33.05 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF099361.D
 Acq: 11 Oct 2017 23:02

Tgt Ion: 82 Resp: 487037
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099361.D

Acq: 11 Oct 2017 23:02

Instrument :

BNA_F

ClientSampleId :

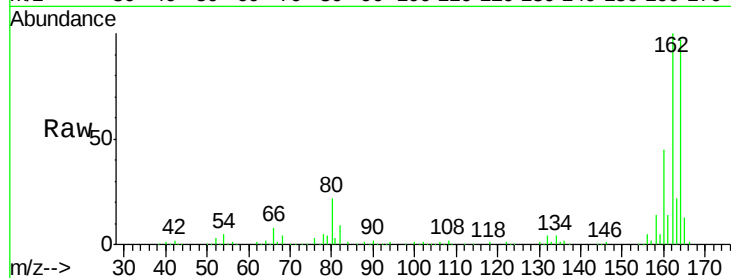
Tot Ion:164 Resp: 209229

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

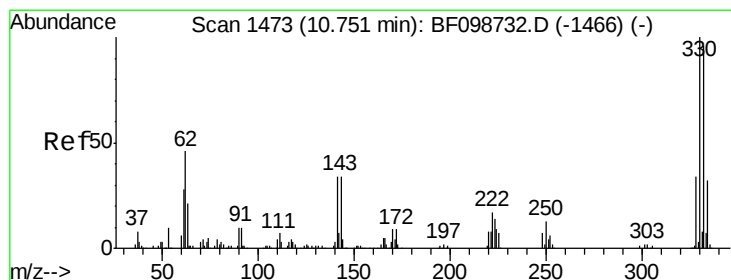
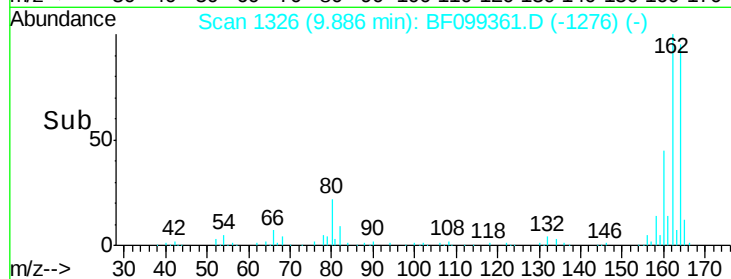
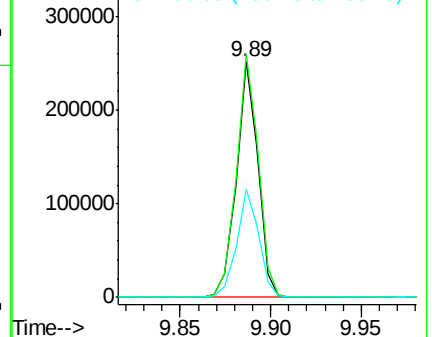
160 46.0 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 97.89 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF099361.D

Acq: 11 Oct 2017 23:02

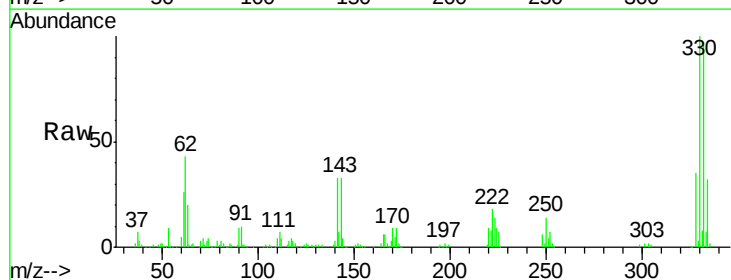
Tgt Ion:330 Resp: 167592

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

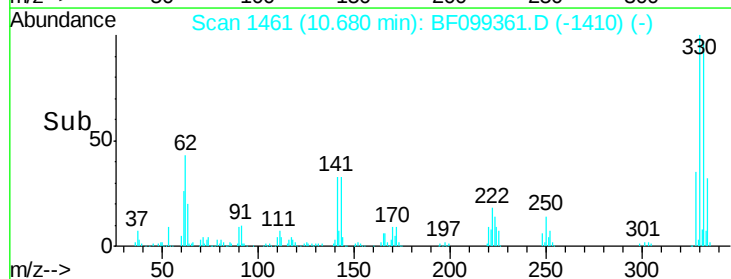
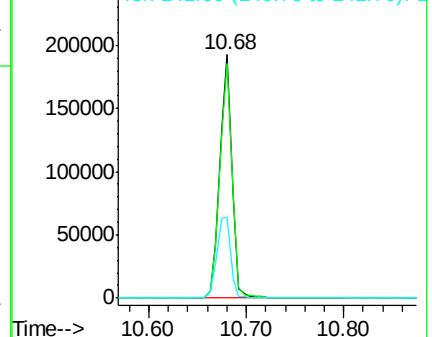
141 37.8 29.9 44.9

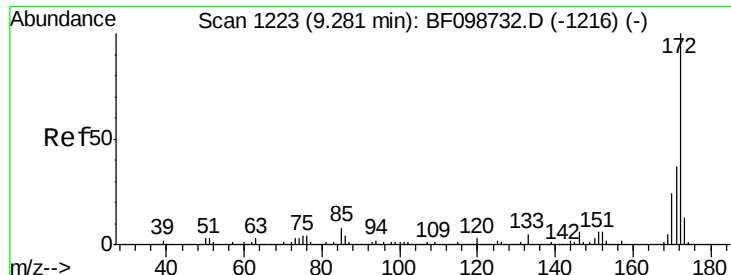


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

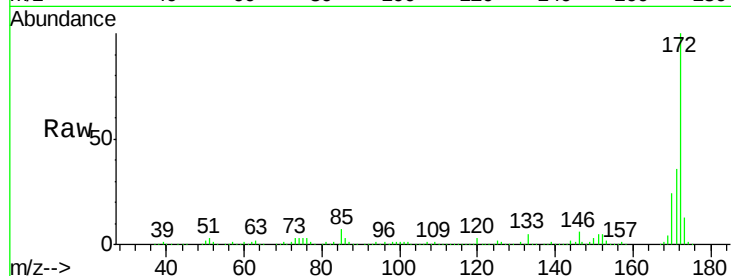




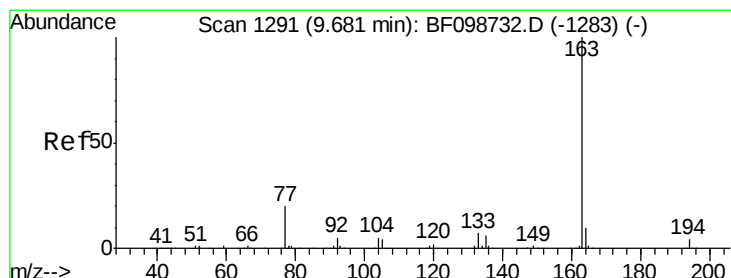
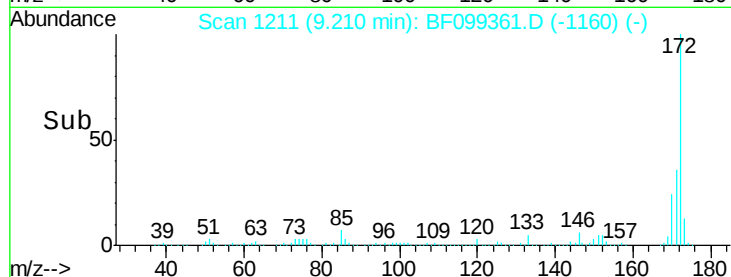
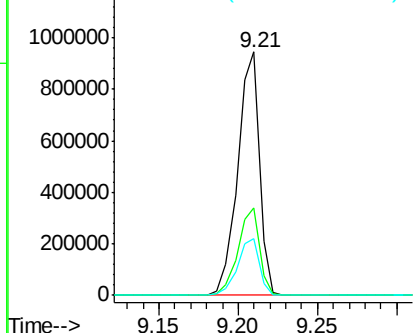
#44
2-Fluorobiphenyl
Concen: 71.66 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 898084
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.5 19.6 29.4

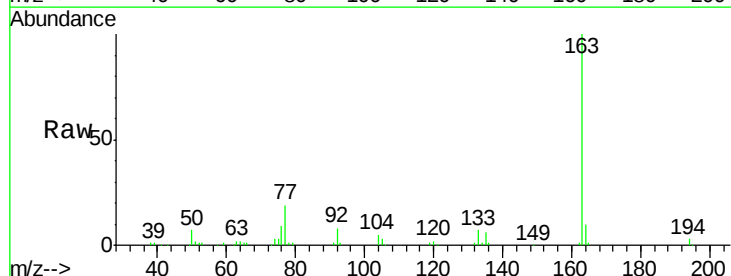


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

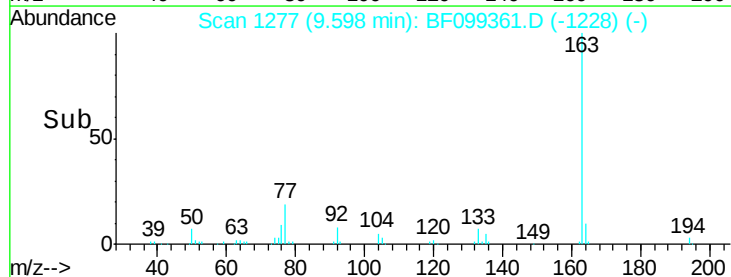
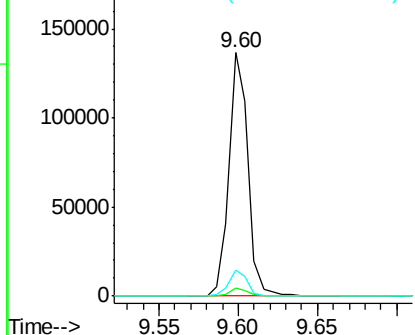


#49
Dimethylphthalate
Concen: 7.16 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

Tgt Ion:163 Resp: 113125
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.4 8.2 12.2



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

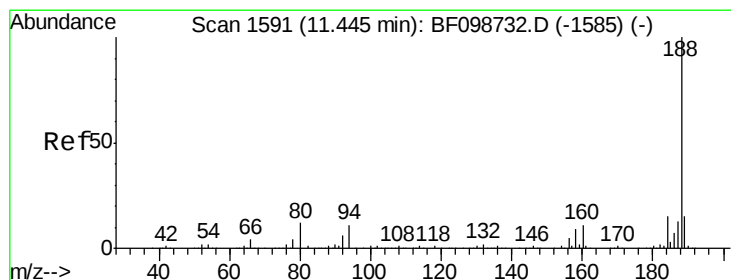
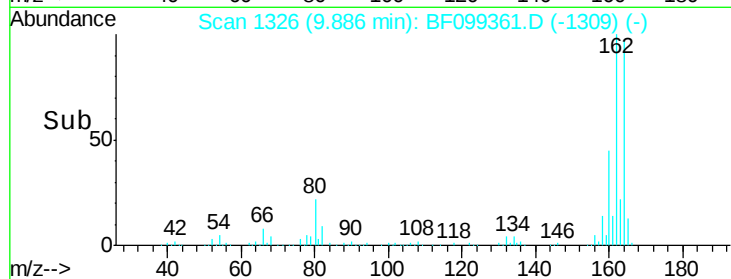
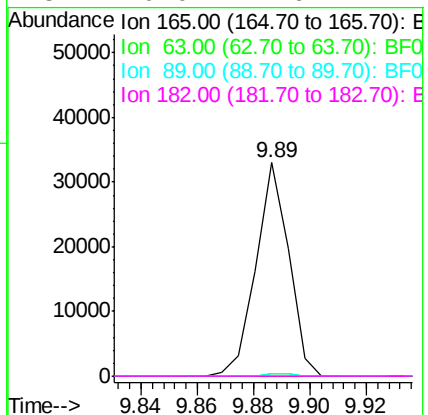
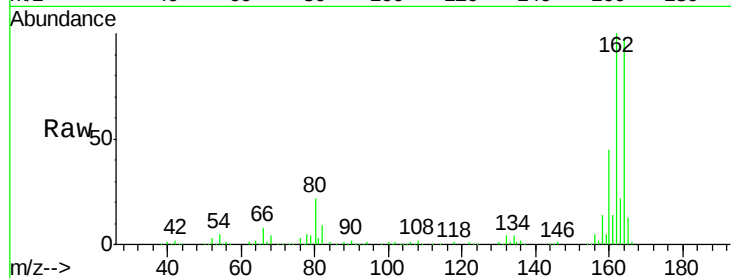




#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099361.D
 Acq: 11 Oct 2017 23:02

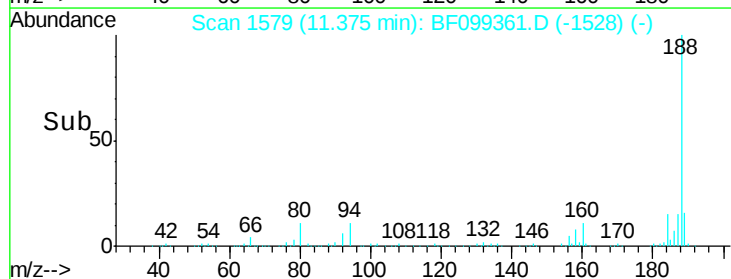
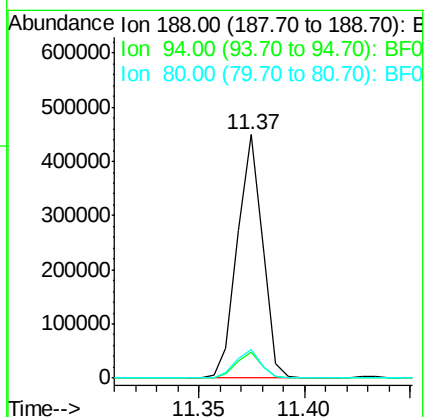
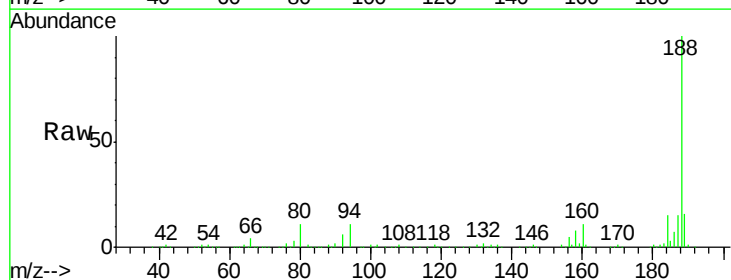
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	26664
Ion Ratio	Lower	Upper
165	100	
63	1.2	36.4 54.6#
89	1.1	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099361.D
 Acq: 11 Oct 2017 23:02

Tgt Ion:188	Resp:	368944
Ion Ratio	Lower	Upper
188	100	
94	10.6	8.5 12.7
80	11.5	9.2 13.8

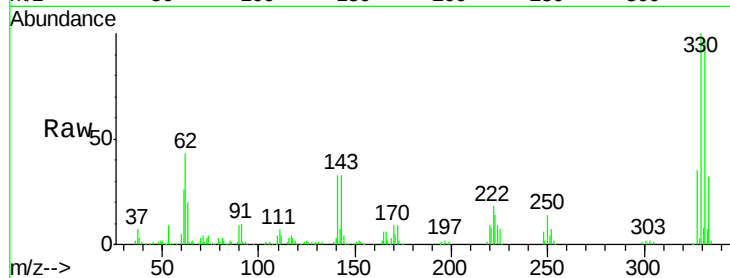




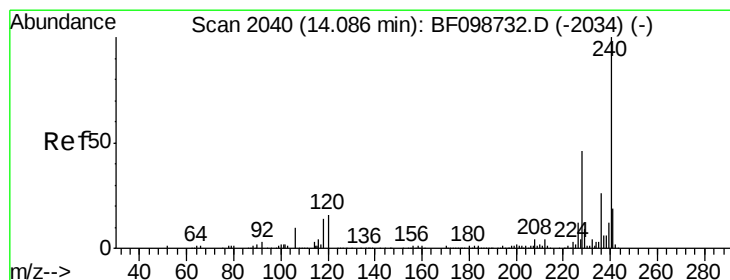
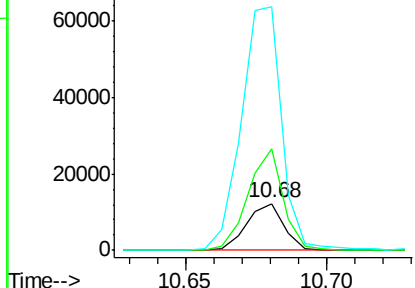
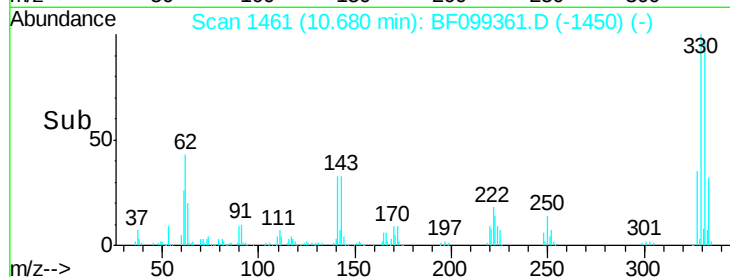
#66
 4-Bromophenyl-phenylether
 Concen: 3.06 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099361.D
 Acq: 11 Oct 2017 23:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11043
 Ion Ratio Lower Upper
 248 100
 250 216.0 76.9 115.3#
 141 519.4 74.4 111.6#

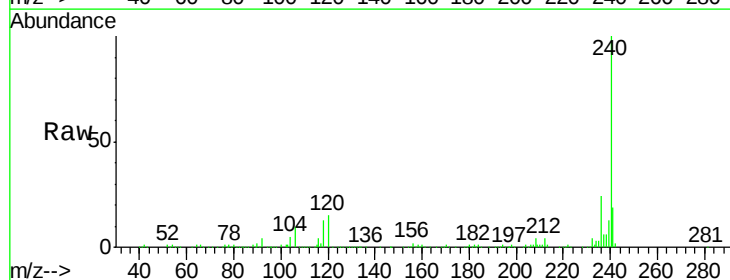


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

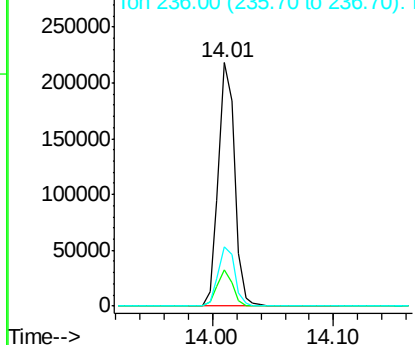
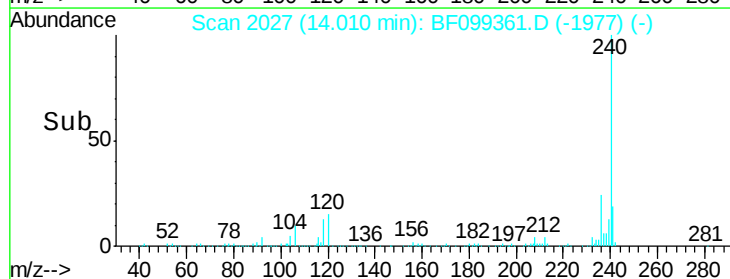


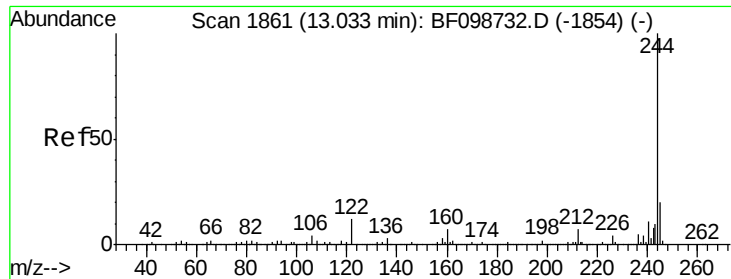
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099361.D
 Acq: 11 Oct 2017 23:02

Tgt Ion:240 Resp: 202135
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 24.4 20.7 31.1



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

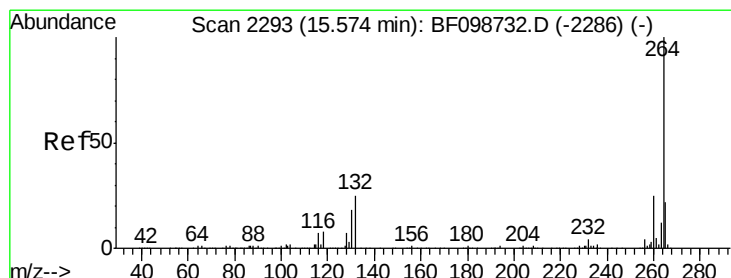
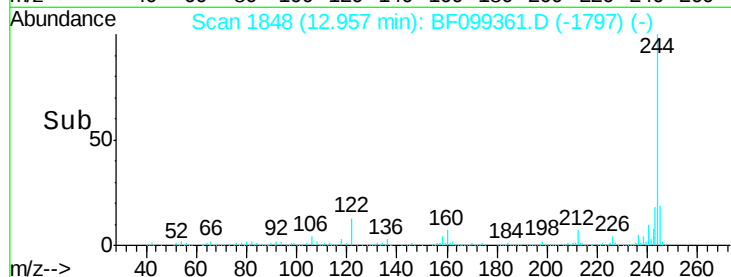
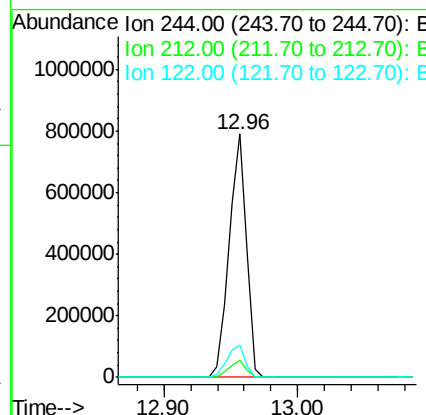
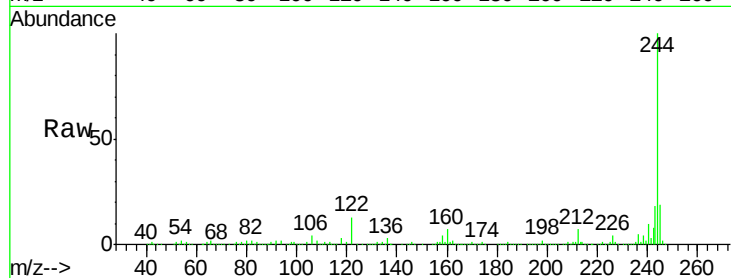




#78
 Terphenyl-d14
 Concen: 81.42 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099361.D
 Acq: 11 Oct 2017 23:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 723670
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099361.D
 Acq: 11 Oct 2017 23:02

Tgt Ion:264 Resp: 176749
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 17.5 26.3

