

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099165.D
 Acq On : 6 Oct 2017 23:31
 Operator : SJ/JU
 Sample : I5516-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 00:21:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

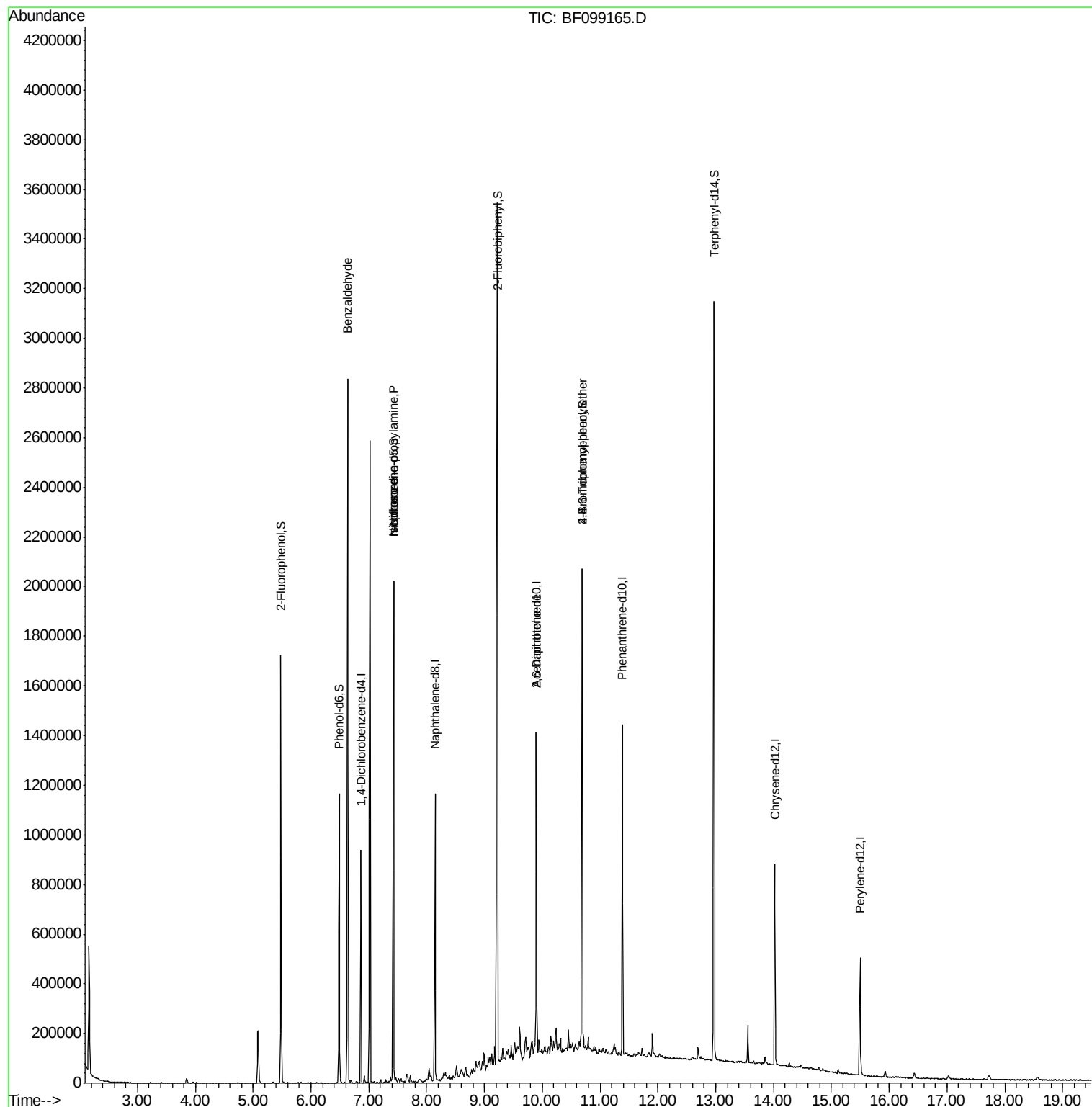
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131023	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	537381	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	245876	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	436887	20.00	ng	0.00
75) Chrysene-d12	14.02	240	262416	20.00	ng	-0.01
86) Perylene-d12	15.50	264	204732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	477524	58.02	ng	0.00
7) Phenol-d6	6.49	99	364871	35.94	ng	-0.01
23) Nitrobenzene-d5	7.43	82	722776	86.25	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	259600	129.03	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1264254	85.84	ng	0.00
78) Terphenyl-d14	12.97	244	1118999	96.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	16334	2.77	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.43	70	92989	14.34	ng	# 75
25) Isophorone	7.43	82	719430	41.53	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	32312	8.00	ng	# 26
66) 4-Bromophenyl-phenylether	10.69	248	16896	3.95	ng	# 1

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

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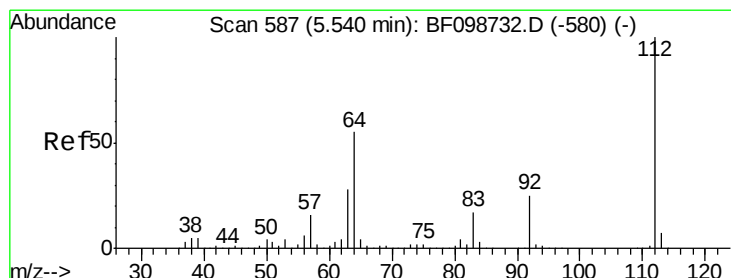
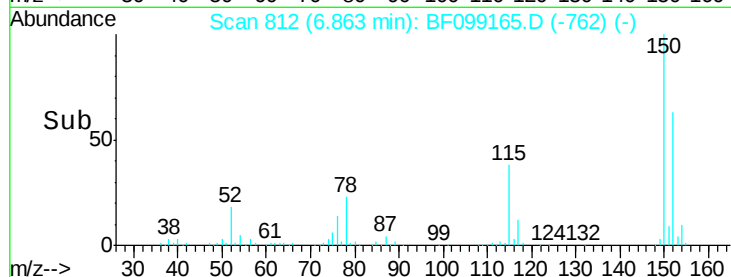
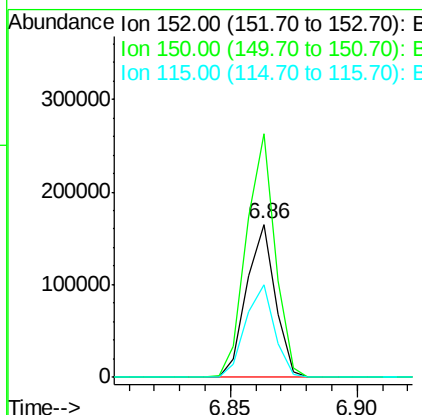
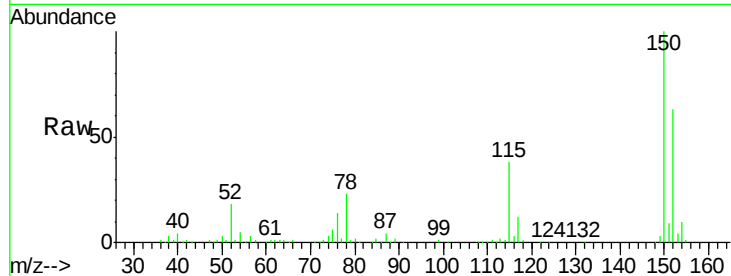




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099165.D
 Acq: 6 Oct 2017 23:31

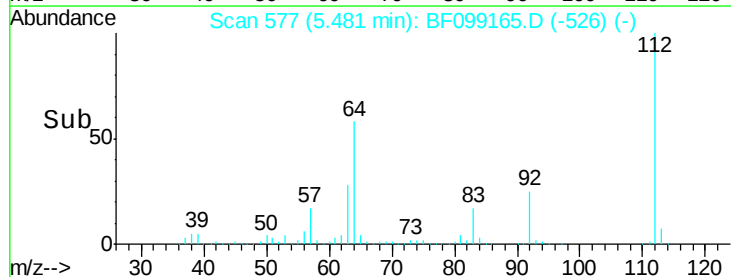
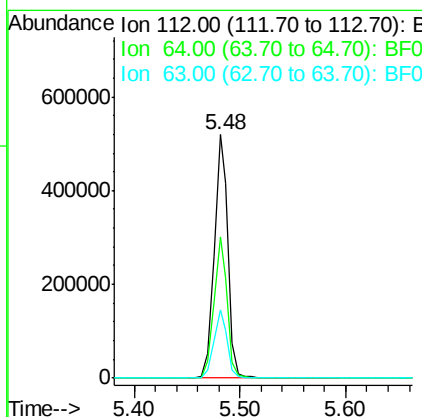
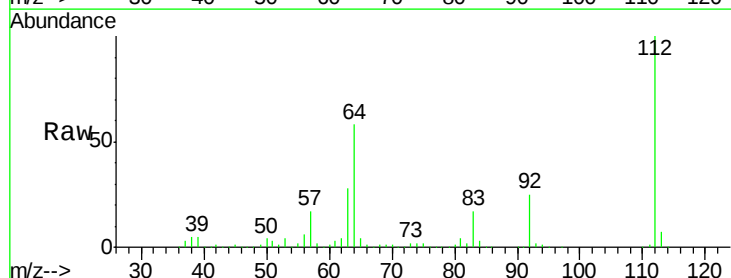
Instrument :
 BNA_F
 ClientSampleId :

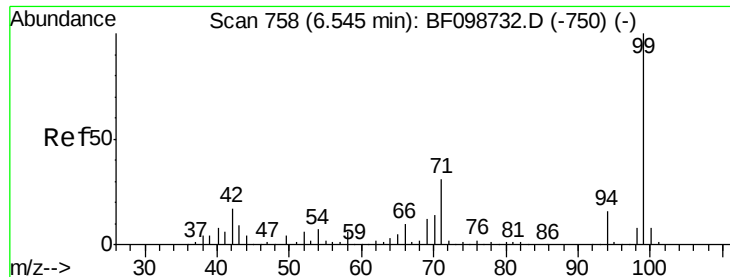
Tot Ion:152 Resp: 131023
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.6 186.8
 115 60.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 58.02 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF099165.D
 Acq: 6 Oct 2017 23:31

Tgt Ion:112 Resp: 477524
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.9 71.9
 63 28.1 23.7 35.5





#7

Phenol-d6

Concen: 35.94 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099165.D

Acq: 6 Oct 2017 23:31

Instrument :

BNA_F

ClientSampled :

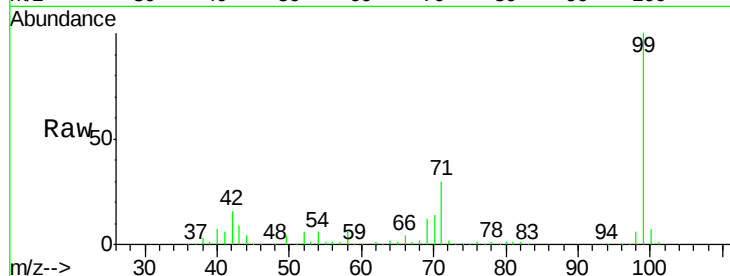
Tot Ion: 99 Resp: 364871

Ion Ratio Lower Upper

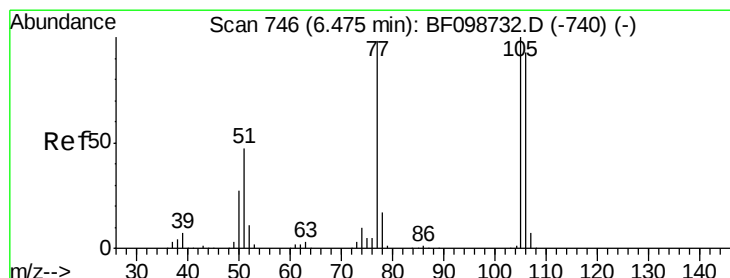
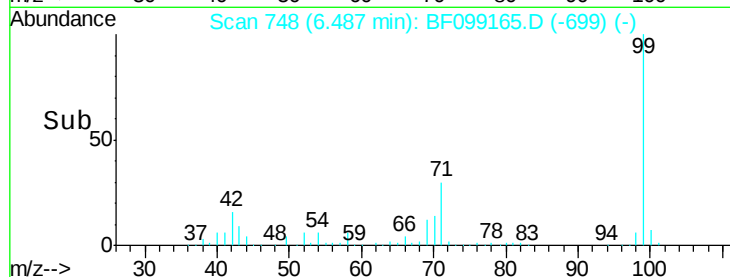
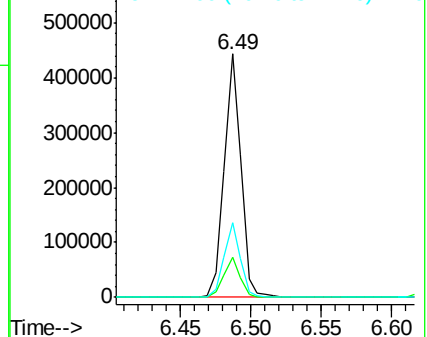
99 100

42 16.4 14.5 21.7

71 30.5 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



#9

Benzaldehyde

Concen: 2.77 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099165.D

Acq: 6 Oct 2017 23:31

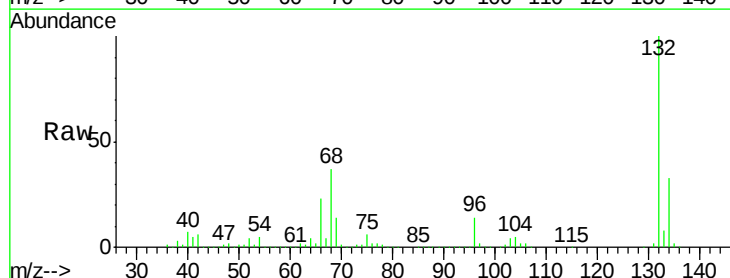
Tgt Ion: 77 Resp: 16334

Ion Ratio Lower Upper

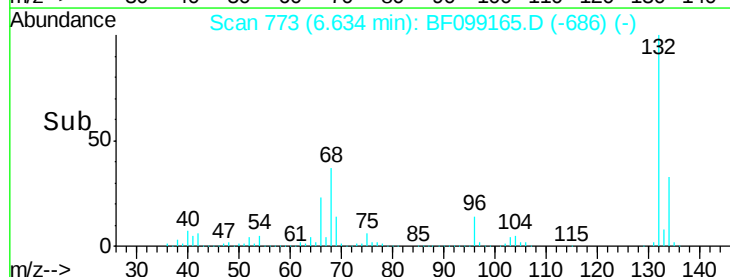
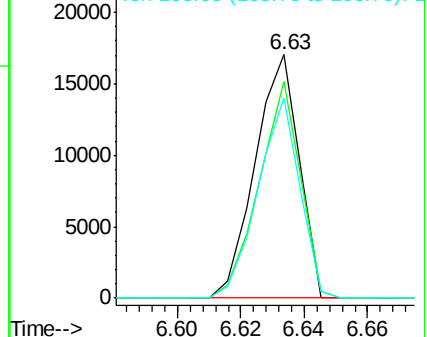
77 100

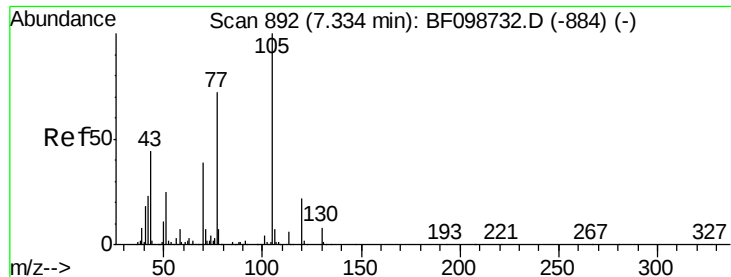
105 89.1 81.1 121.1

106 82.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

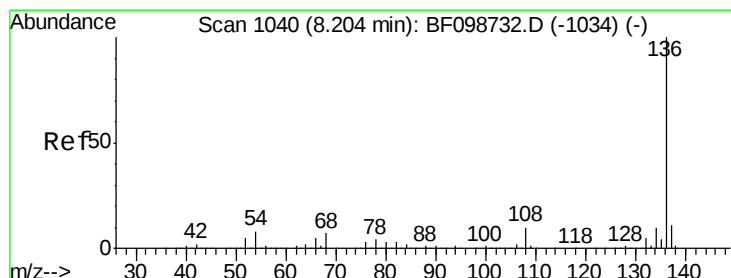
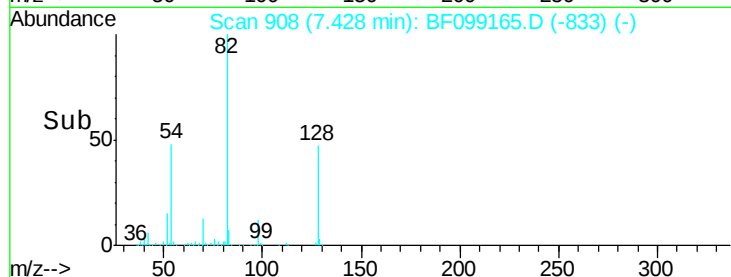
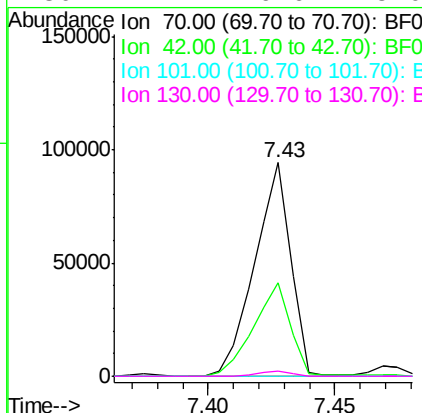
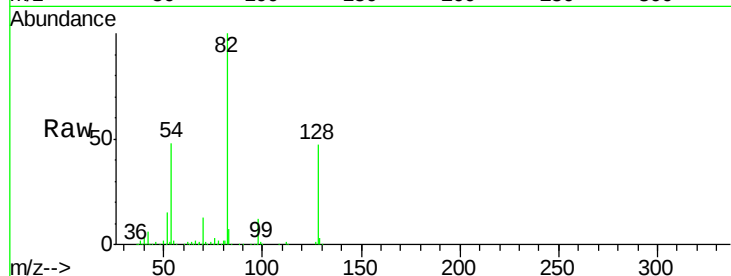




#19
n-Nitroso-di-n-propylamine
Concen: 14.34 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

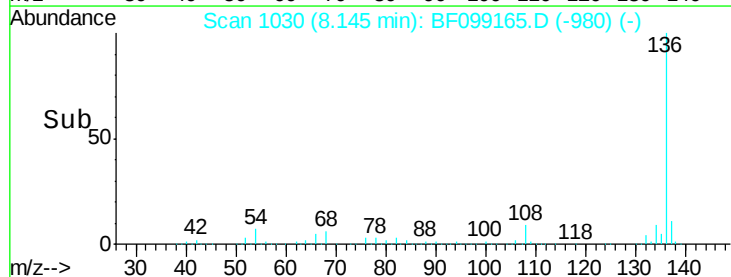
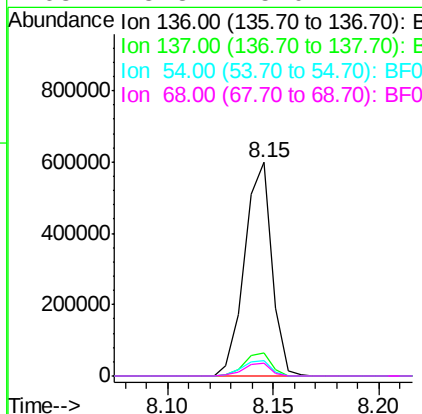
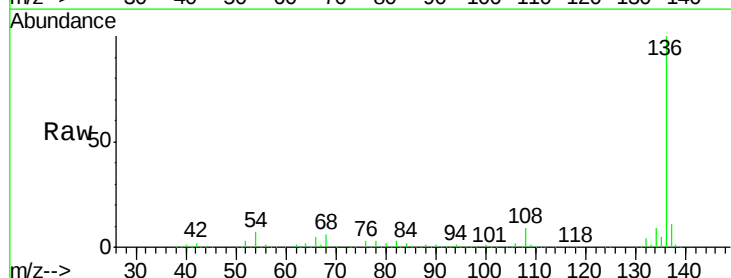
Instrument :
BNA_F
ClientSampled :

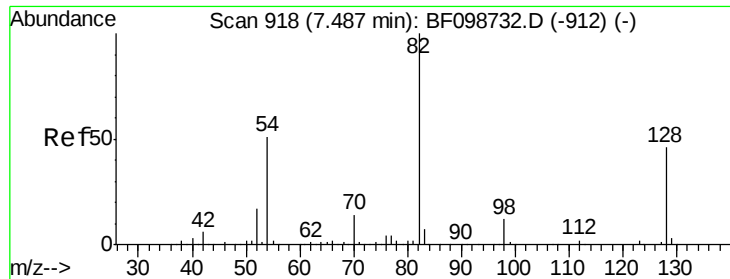
Tot Ion: 70 Resp: 92989
Ion Ratio Lower Upper
70 100
42 43.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Tgt Ion: 136 Resp: 537381
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 6.6 9.8
68 5.8 5.0 7.4

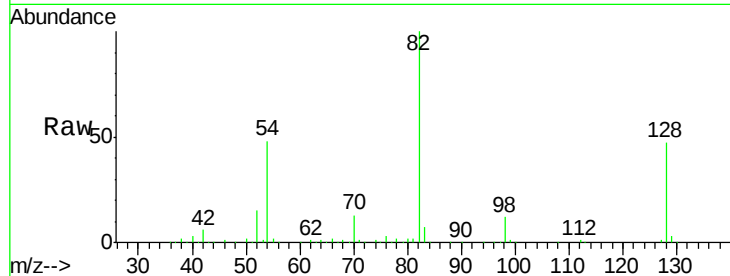




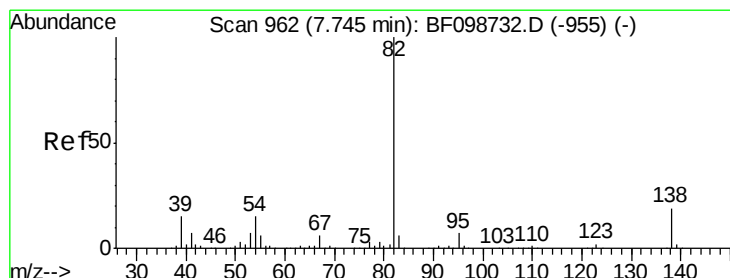
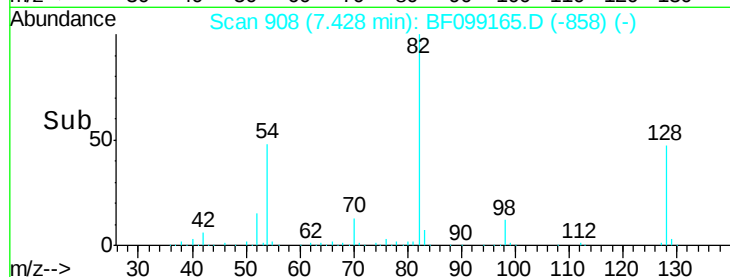
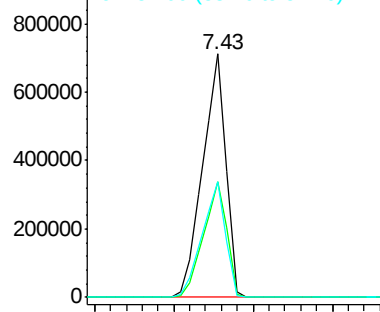
#23
Nitrobenzene-d5
Concen: 86.25 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 722776
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 47.5 41.4 62.2

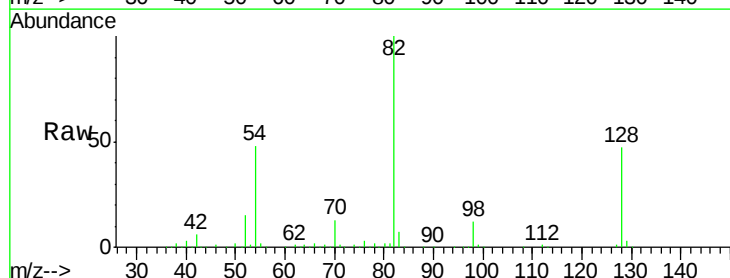


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

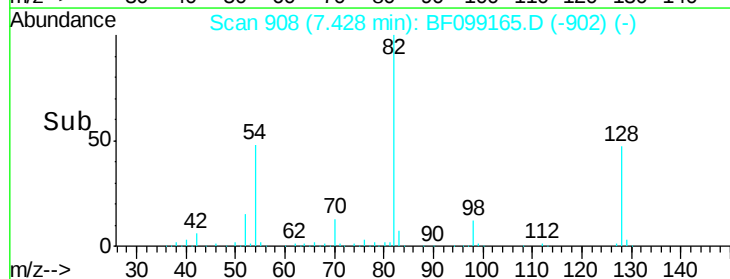
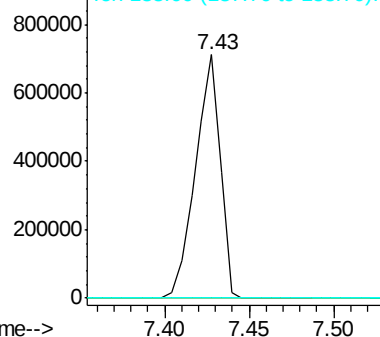


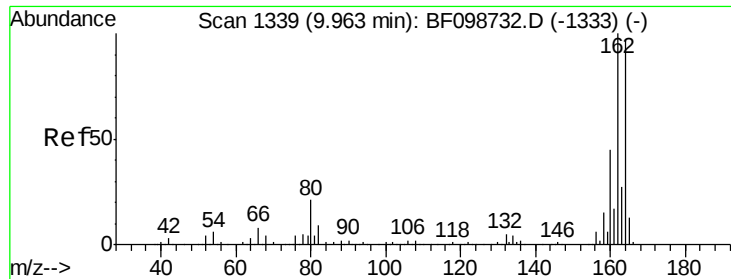
#25
Isophorone
Concen: 41.53 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Tgt Ion: 82 Resp: 719430
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

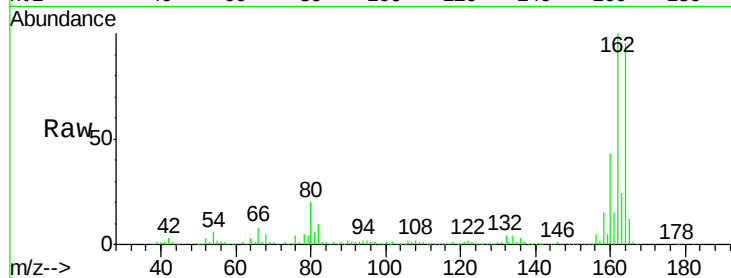




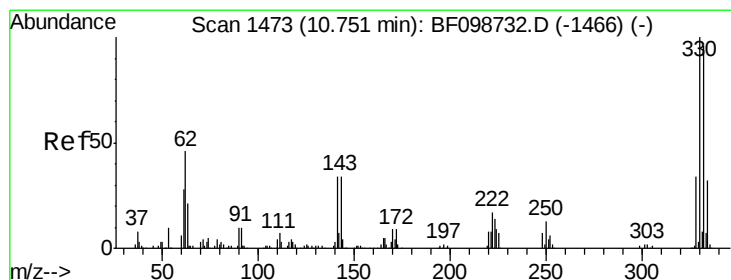
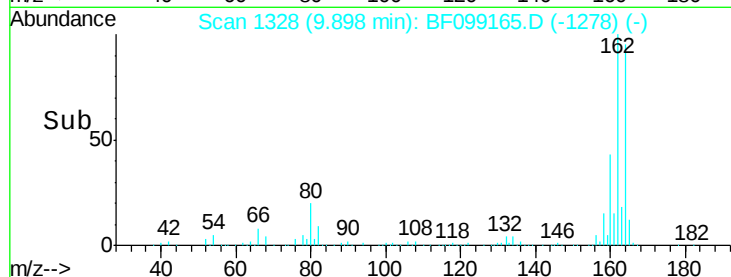
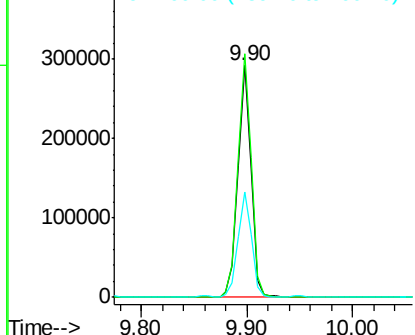
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099165.D
 Acq: 6 Oct 2017 23:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 245876
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.6 38.3 57.5

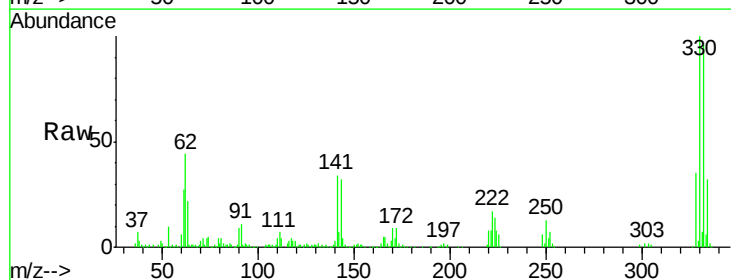


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

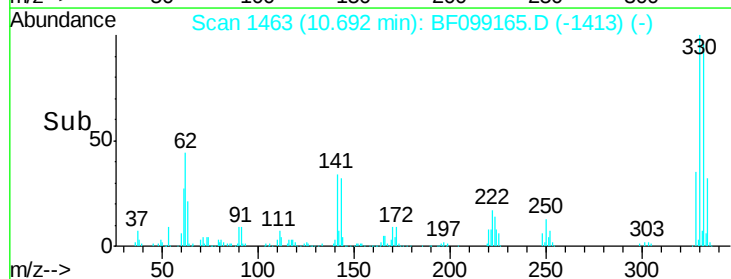
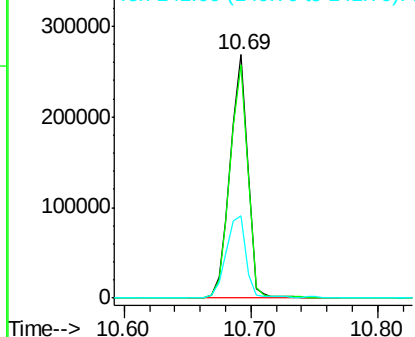


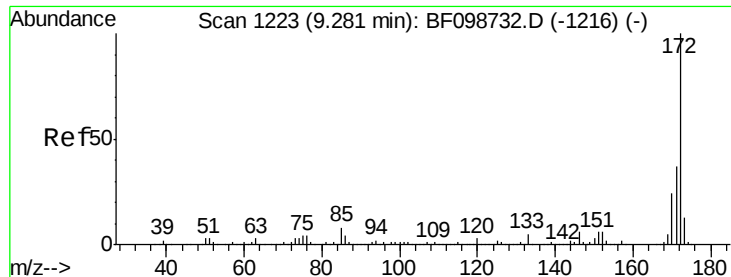
#41
 2,4,6-Tribromophenol
 Concen: 129.03 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099165.D
 Acq: 6 Oct 2017 23:31

Tgt Ion:330 Resp: 259600
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 37.7 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



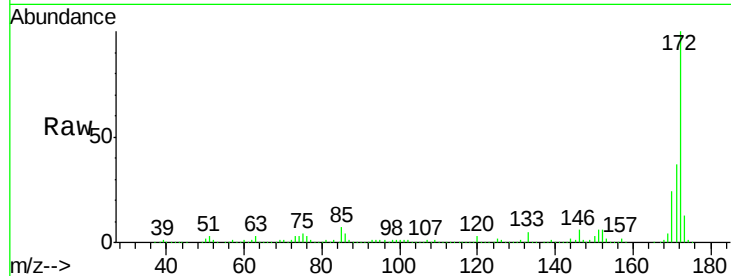


#44
 2-Fluorobiphenyl
 Concen: 85.84 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099165.D
 Acq: 6 Oct 2017 23:31

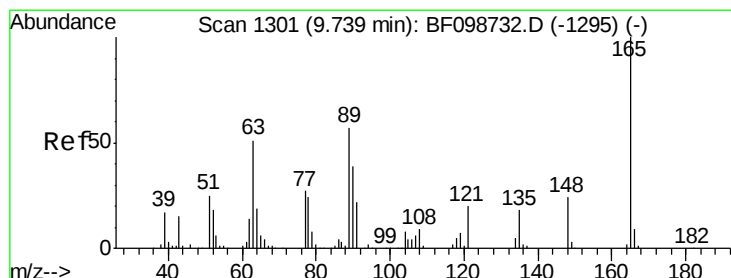
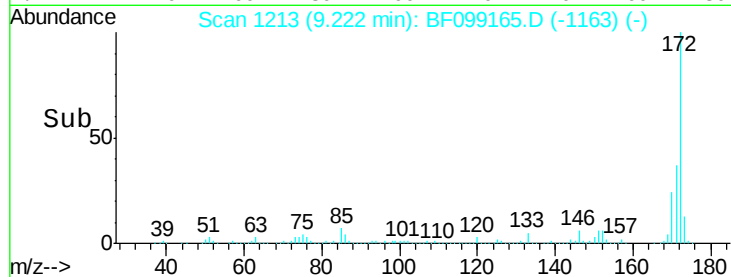
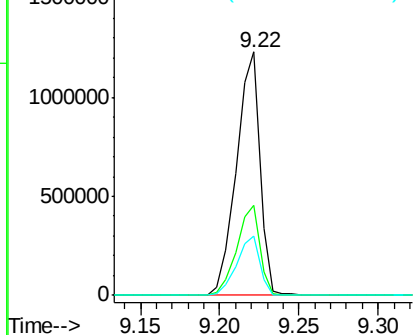
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1264254

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4



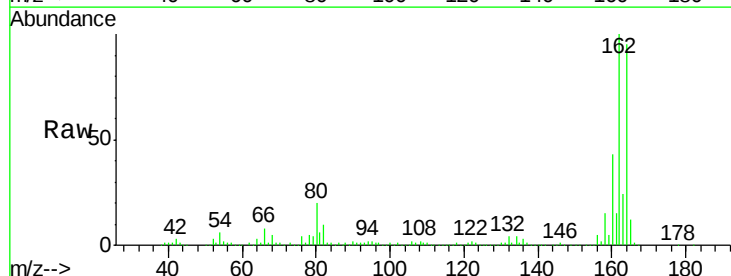
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



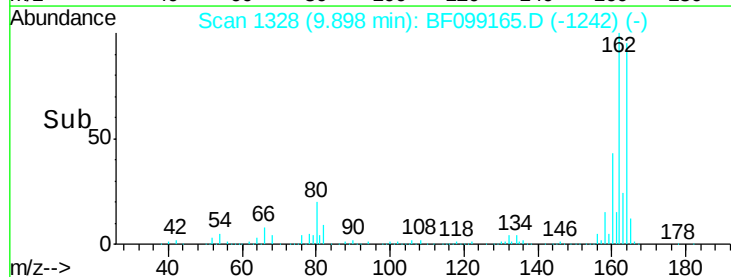
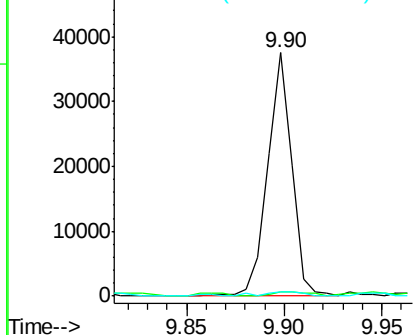
#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099165.D
 Acq: 6 Oct 2017 23:31

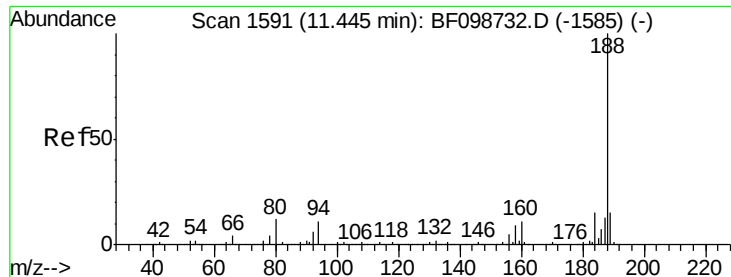
Tgt Ion:165 Resp: 32312

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.8	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

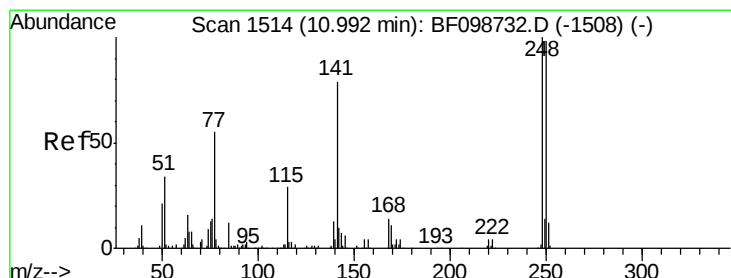
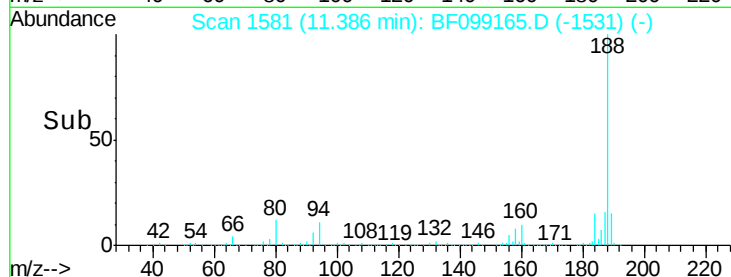
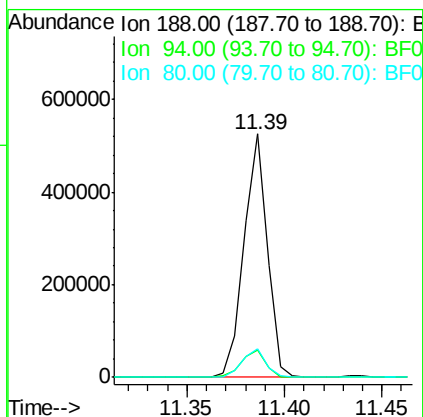
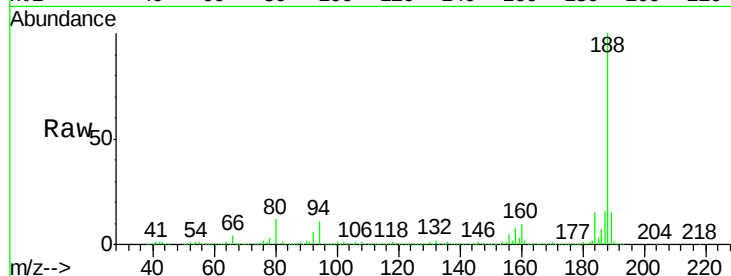




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

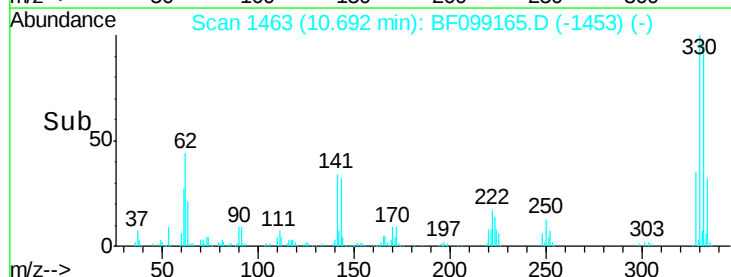
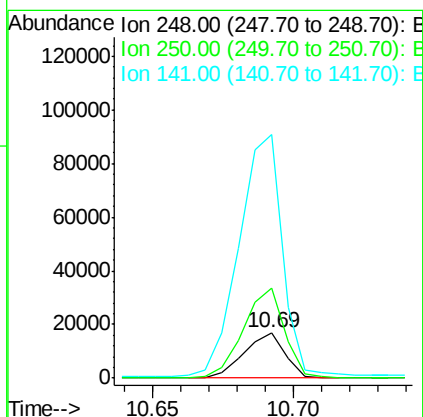
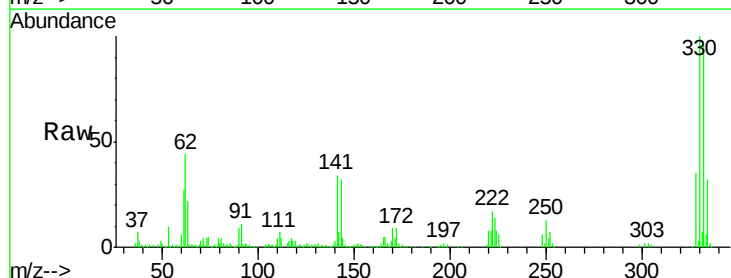
Instrument :
BNA_F
ClientSampleId :

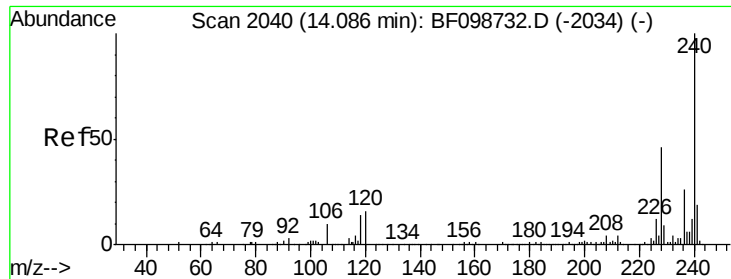
Tot Ion:188 Resp: 436887
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Tgt Ion:248 Resp: 16896
Ion Ratio Lower Upper
248 100
250 199.0 76.9 115.3#
141 535.6 74.4 111.6#

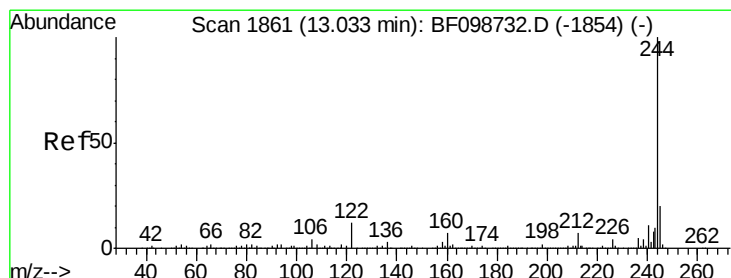
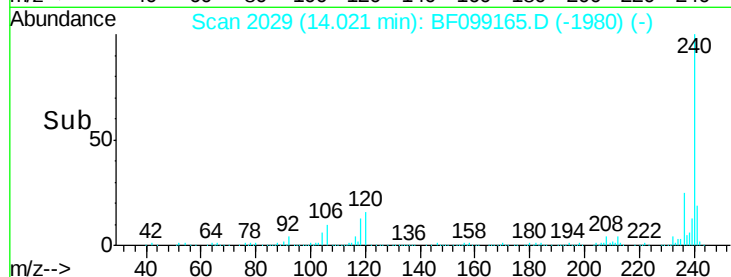
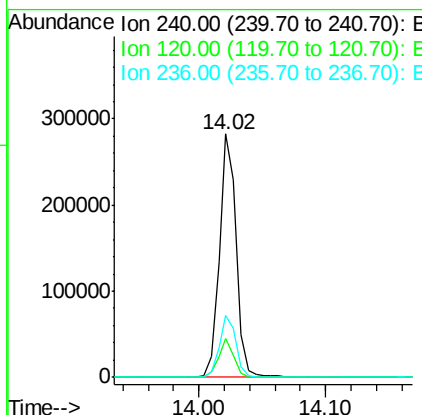
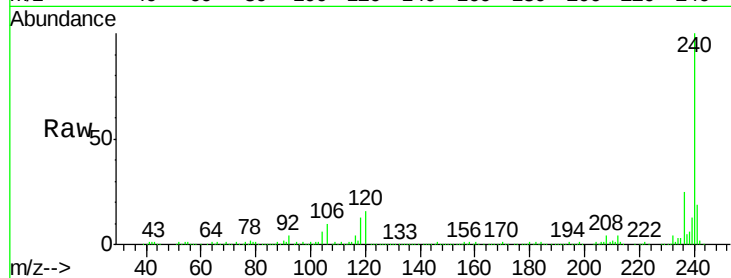




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099165.D
 Acq: 6 Oct 2017 23:31

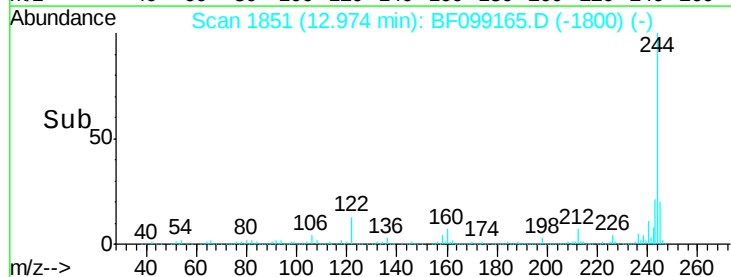
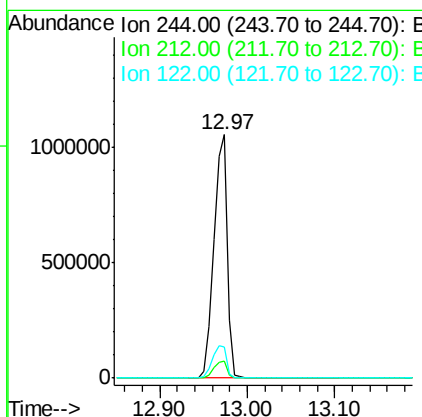
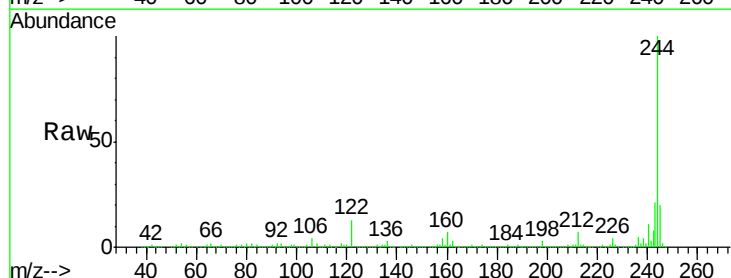
Instrument :
 BNA_F
 ClientSampleId :

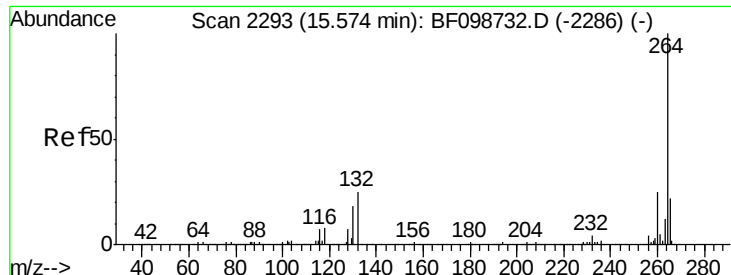
Tot Ion:240 Resp: 262416
 Ion Ratio Lower Upper
 240 100
 120 15.9 9.5 14.3#
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 96.98 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099165.D
 Acq: 6 Oct 2017 23:31

Tgt Ion:244 Resp: 1118999
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.7 11.0 16.4

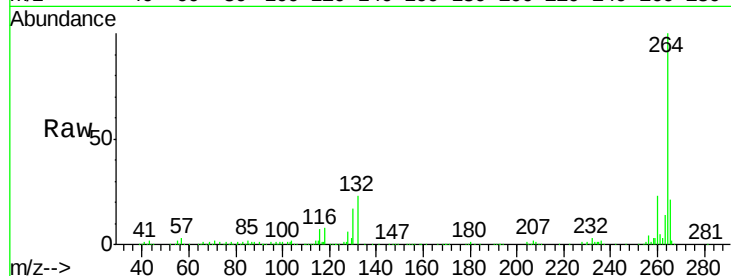




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099165.D
 Acq: 6 Oct 2017 23:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 204732
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.5 17.5 26.3



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

