

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099671.D
 Acq On : 19 Oct 2017 21:51
 Operator : SJ/JU
 Sample : I5884-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:51:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

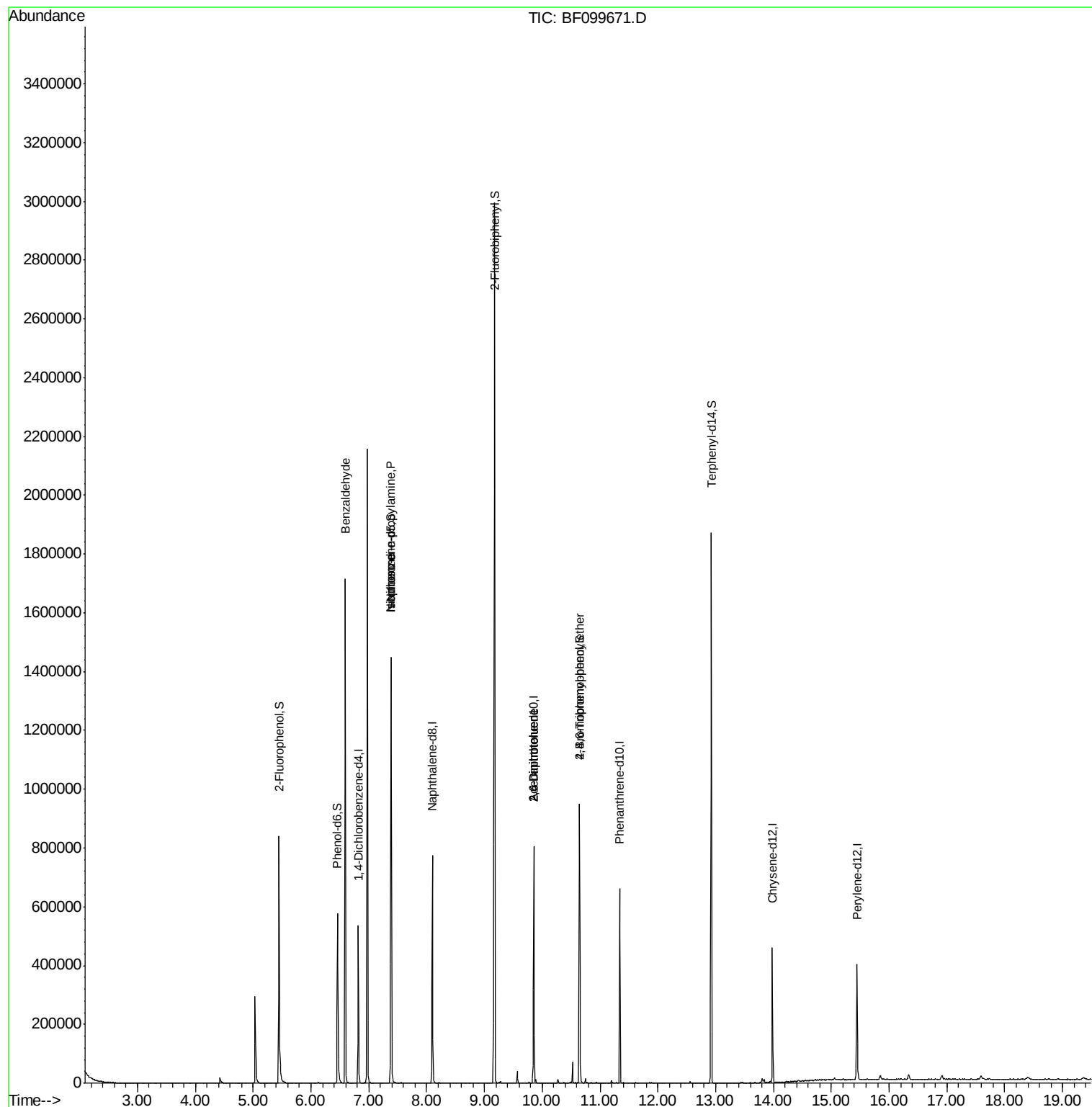
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	90236	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	369001	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	156932	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	222722	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	151271	20.00	ng	-0.02
86) Perylene-d12	15.44	264	168052	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	284024	50.11	ng	0.00
7) Phenol-d6	6.46	99	217110	31.05	ng	-0.02
23) Nitrobenzene-d5	7.39	82	540835	93.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	106572	82.99	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	990536	105.37	ng	-0.01
78) Terphenyl-d14	12.92	244	617668	92.86	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	8685	2.141	ng	85
19) n-Nitroso-di-n-propylamine	7.39	70	67610	15.144	ng	# 72
25) Isophorone	7.39	82	540888	45.467	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	20056	7.778	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	20056	5.993	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	6995	3.209	ng	# 1

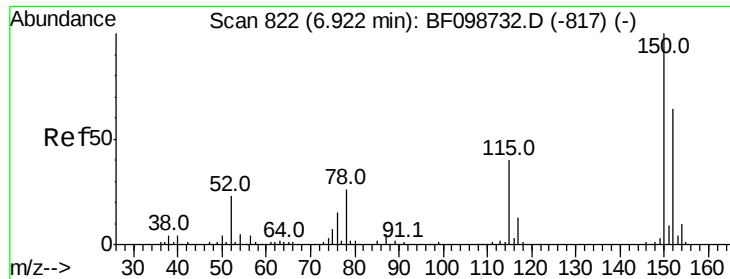
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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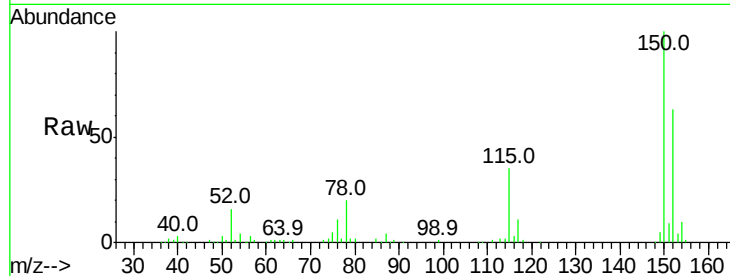


#1

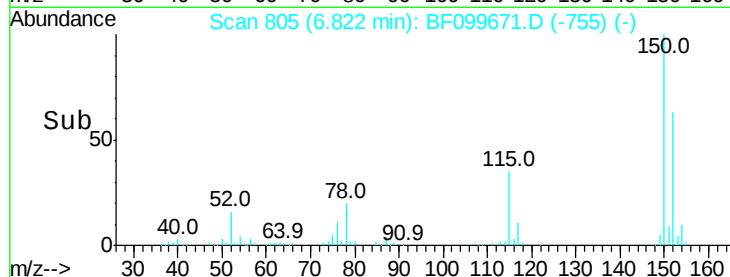
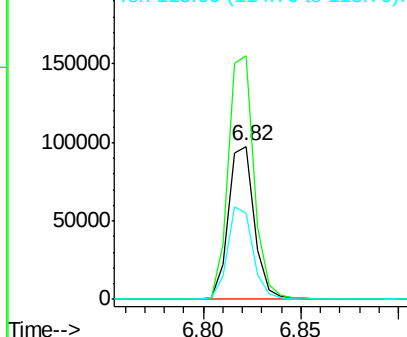
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF099671.D
Acq: 19 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90236
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 56.2 50.1 75.1



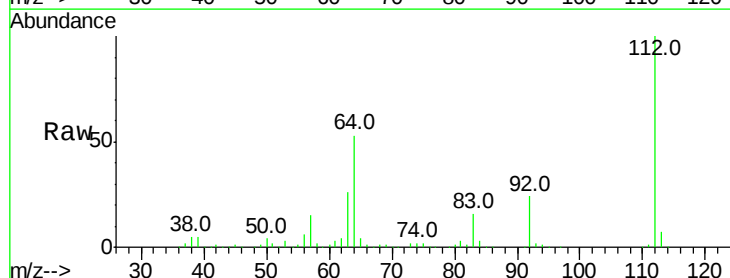
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



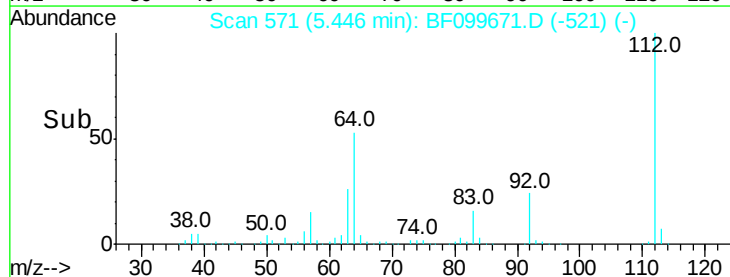
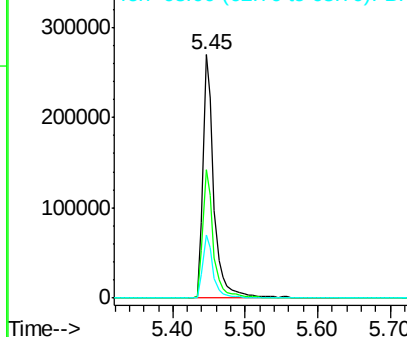
#5

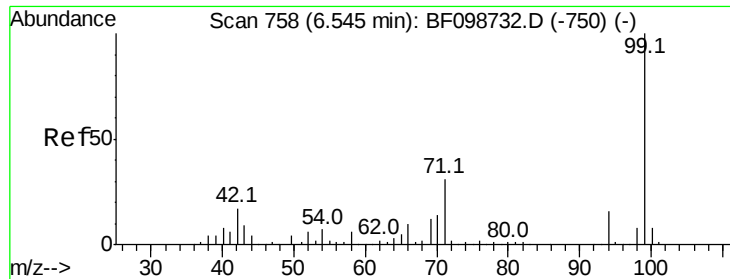
2-Fluorophenol
Concen: 50.106 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF099671.D
Acq: 19 Oct 2017 21:51

Tgt Ion:112 Resp: 284024
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 26.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.048 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099671.D

Acq: 19 Oct 2017 21:51

Instrument :

BNA_F

ClientSampleId :

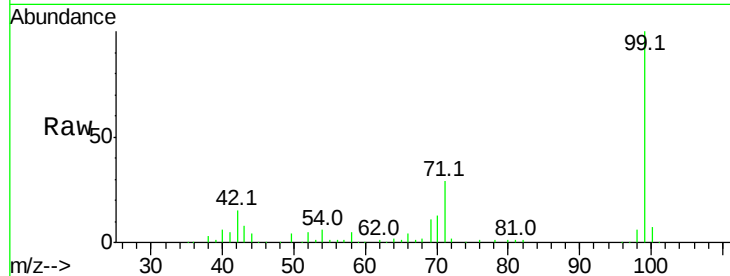
Tot Ion: 99 Resp: 217110

Ion Ratio Lower Upper

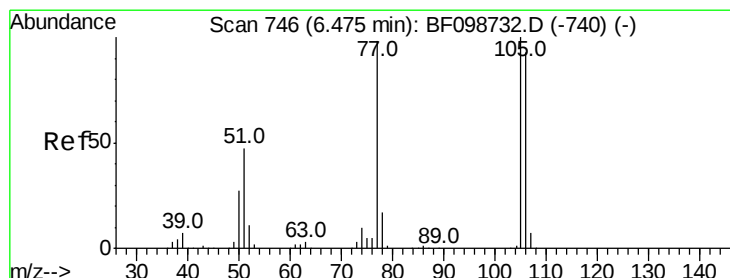
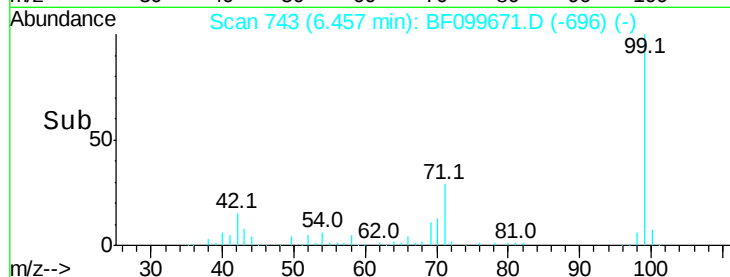
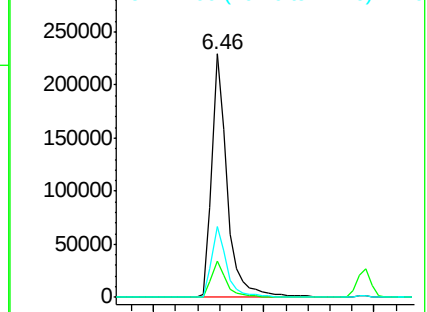
99 100

42 14.8 14.5 21.7

71 29.1 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: 2.141 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.21 min

Lab File: BF099671.D

Acq: 19 Oct 2017 21:51

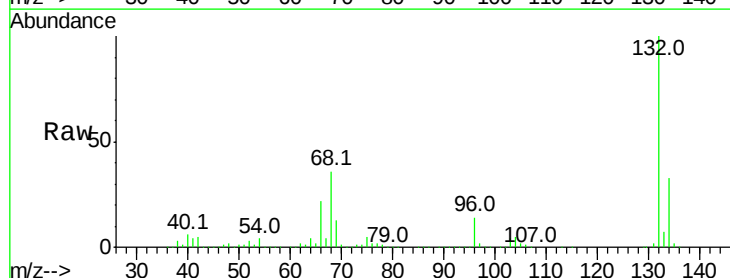
Tgt Ion: 77 Resp: 8685

Ion Ratio Lower Upper

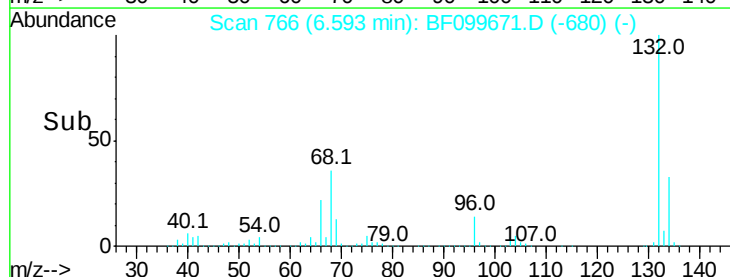
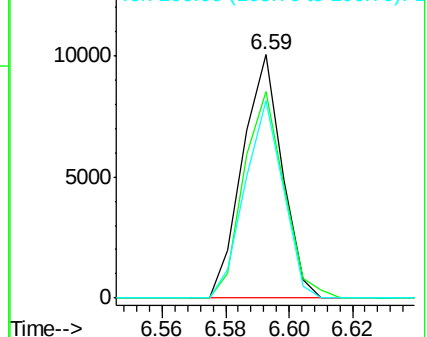
77 100

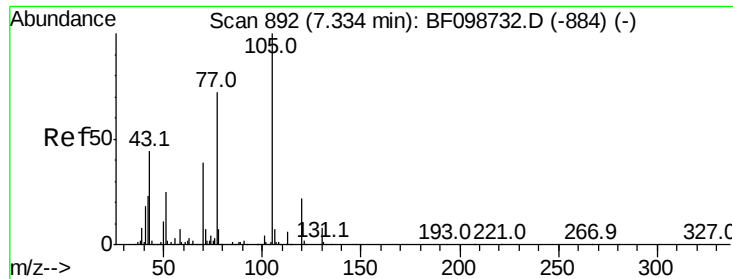
105 85.0 81.1 121.1

106 81.2 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

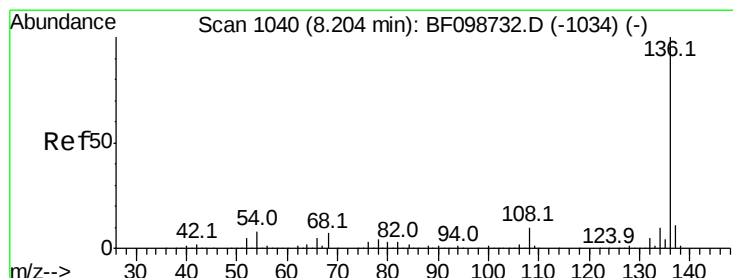
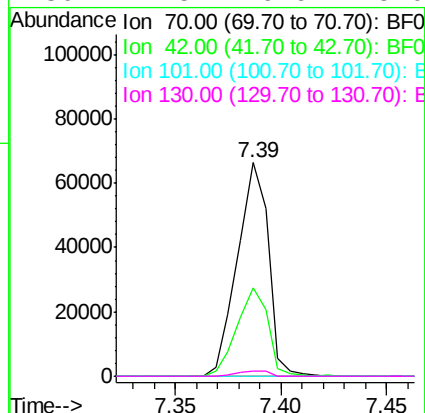
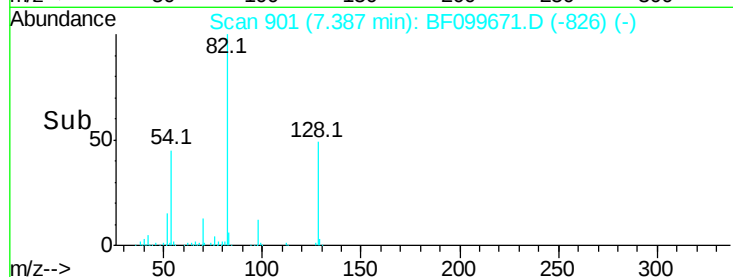
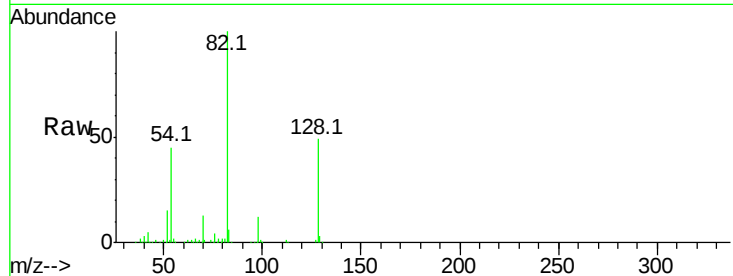




#19
n-Nitroso-di-n-propylamine
Concen: 15.144 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF099671.D
Acq: 19 Oct 2017 21:51

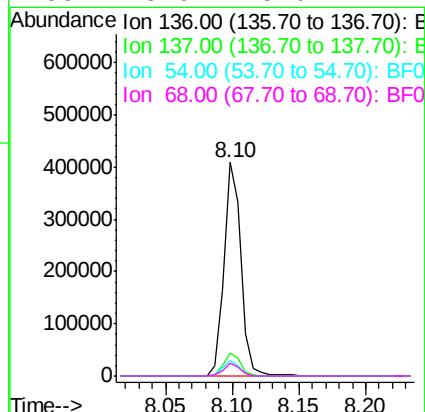
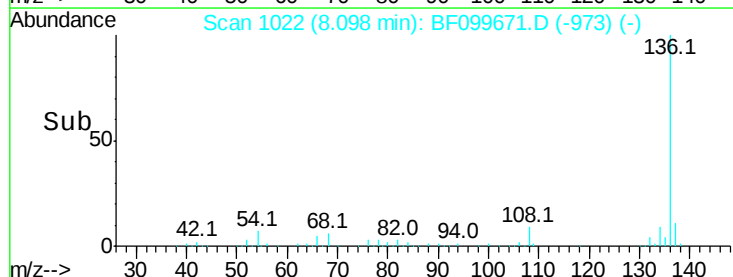
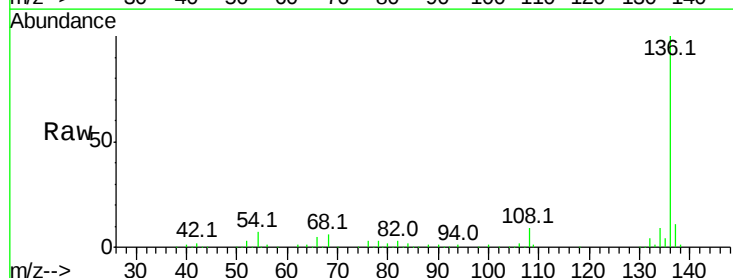
Instrument :
BNA_F
ClientSampleId :

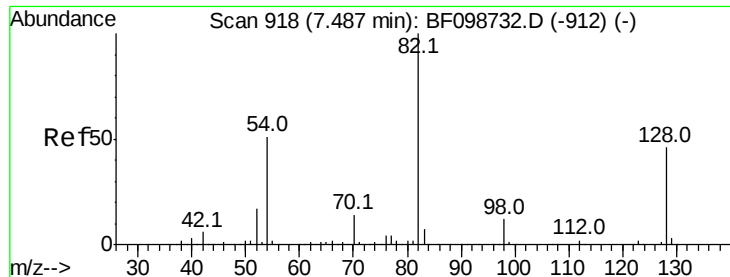
Tot Ion: 70 Resp: 67610
Ion Ratio Lower Upper
70 100
42 41.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099671.D
Acq: 19 Oct 2017 21:51

Tgt Ion: 136 Resp: 369001
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 6.6 9.8
68 5.9 5.0 7.4

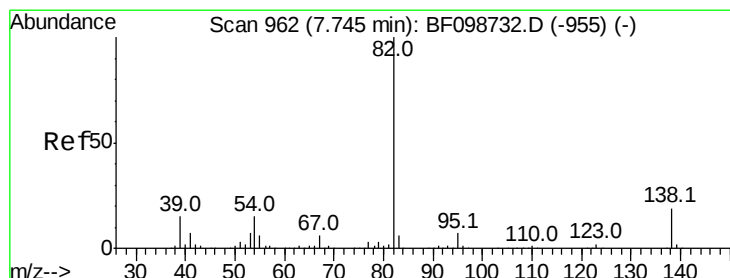
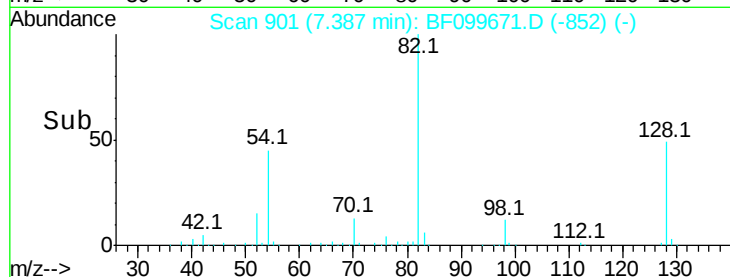
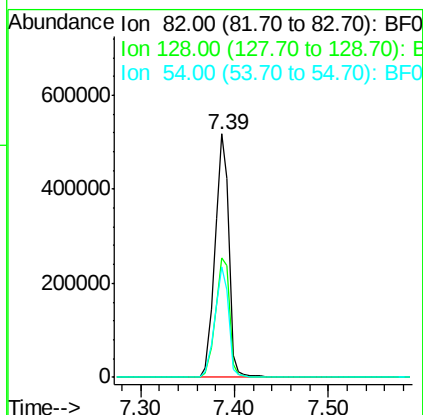
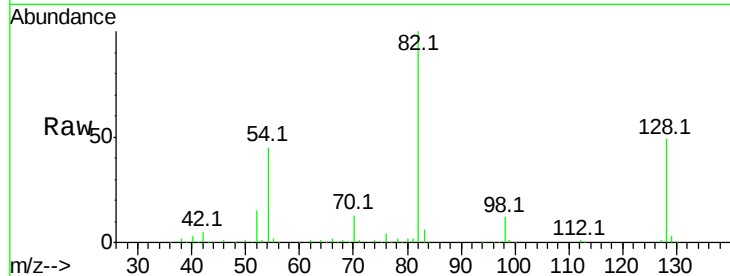




#23
 Nitrobenzene-d5
 Concen: 93.994 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

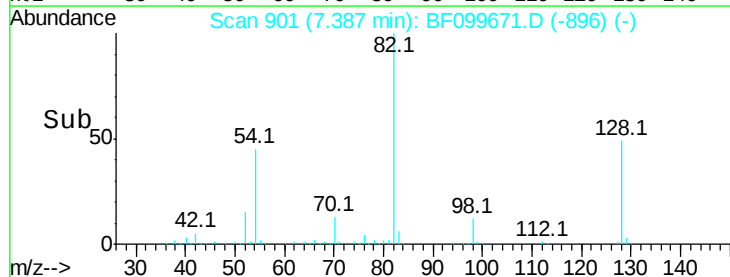
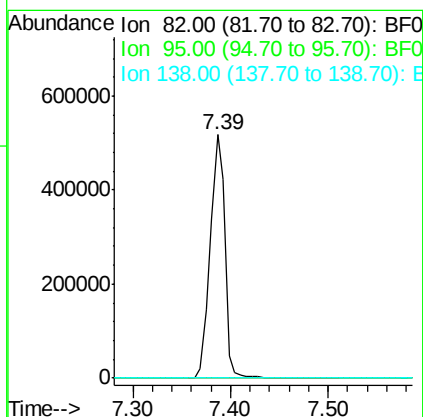
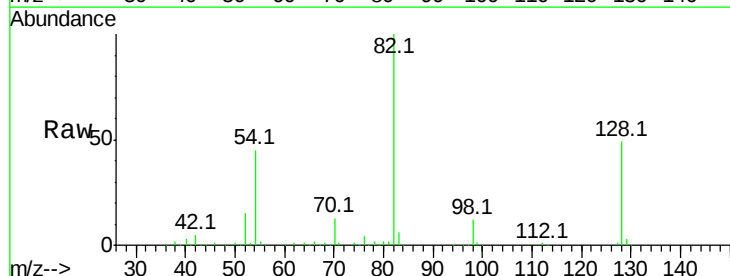
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	540835
Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	45.3	41.4	62.2



#25
 Isophorone
 Concen: 45.467 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.27 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Tgt Ion	82	Resp	540888
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

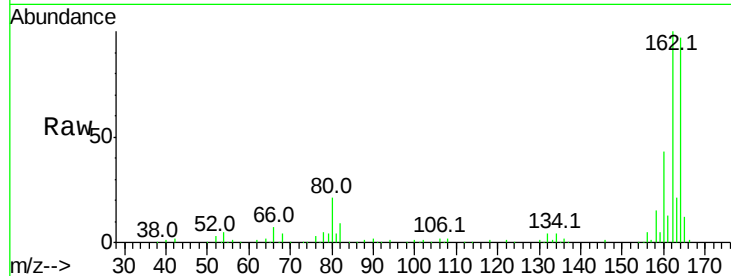




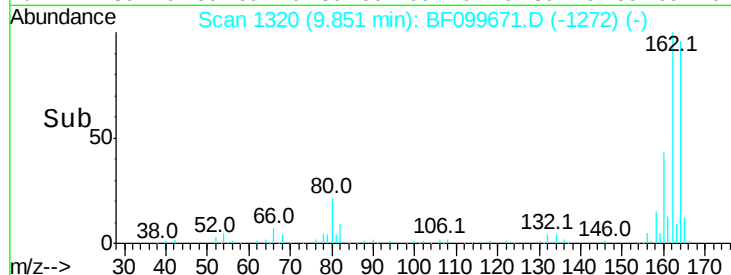
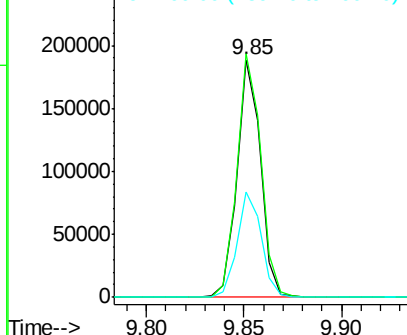
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF099671.D
Acq: 19 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 156932
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 44.6 38.3 57.5

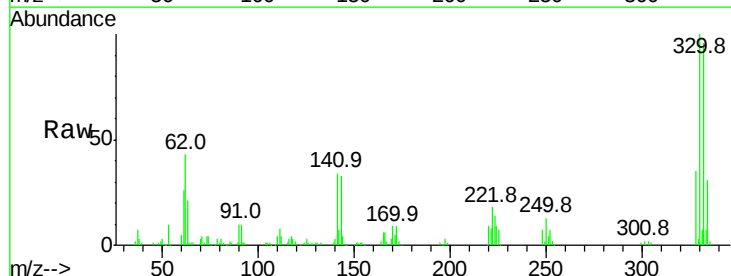


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

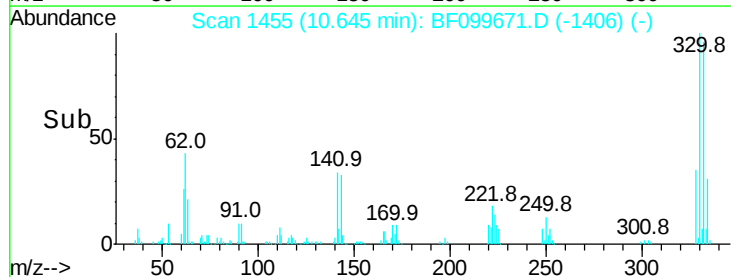
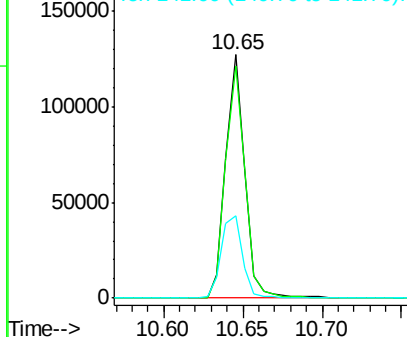


#41
2,4,6-Tribromophenol
Concen: 82.992 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099671.D
Acq: 19 Oct 2017 21:51

Tgt Ion:330 Resp: 106572
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 37.9 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

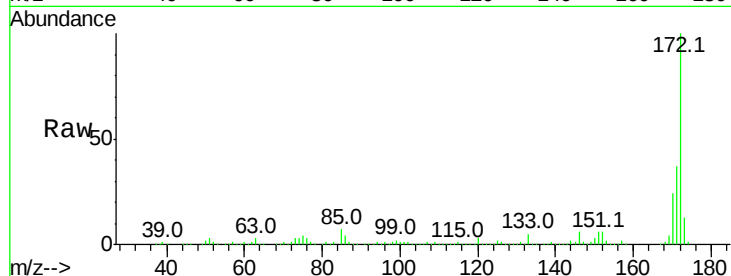




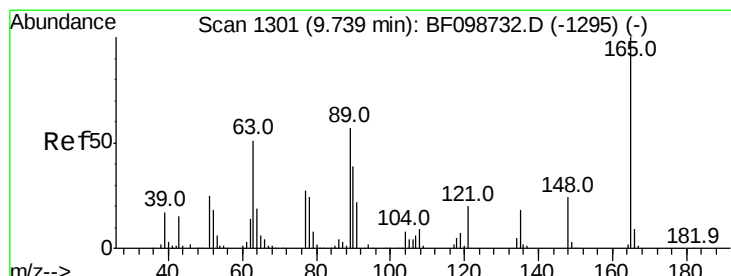
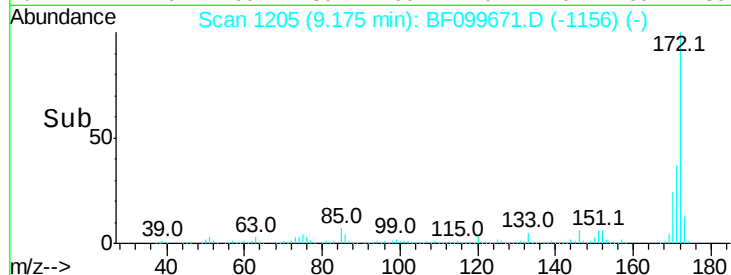
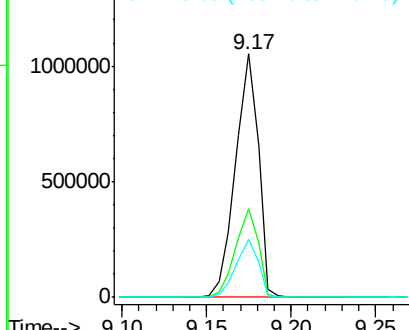
#44
 2-Fluorobiphenyl
 Concen: 105.372 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4

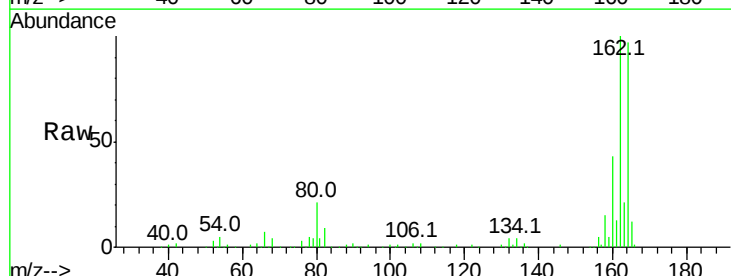


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

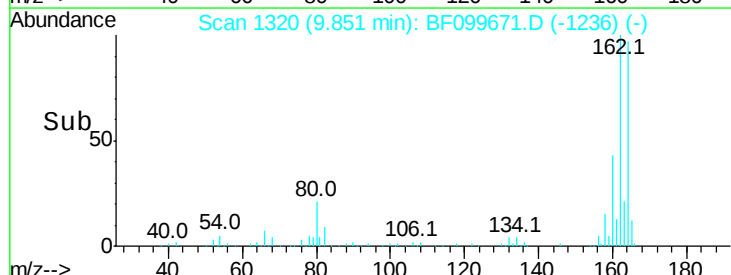
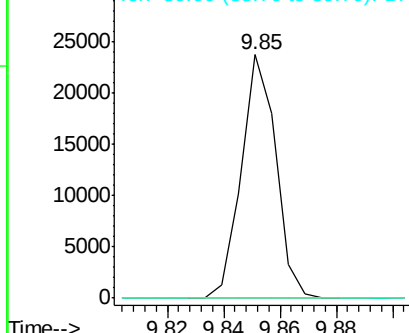


#50
 2,6-Dinitrotoluene
 Concen: 7.778 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.19 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	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

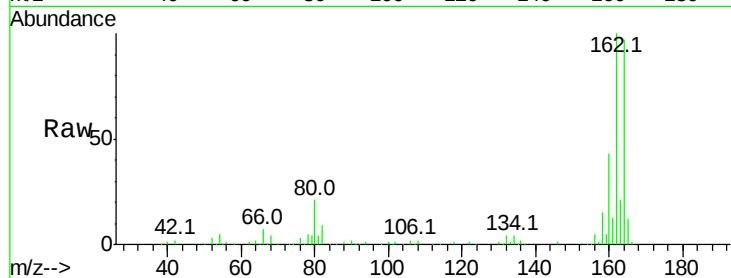




#56
 2,4-Dinitrotoluene
 Concen: 5.993 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.22 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	20056
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

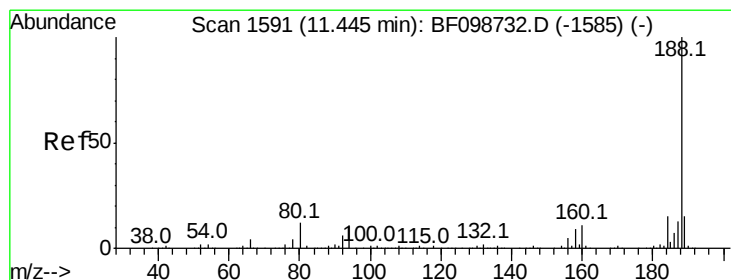
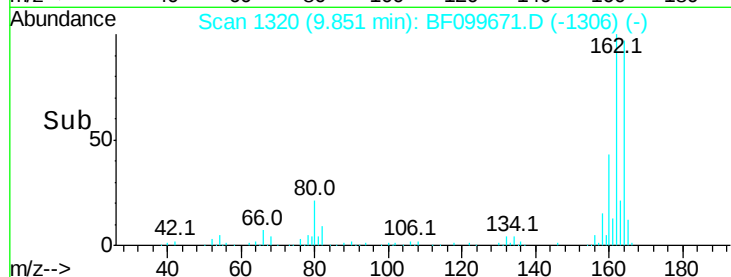
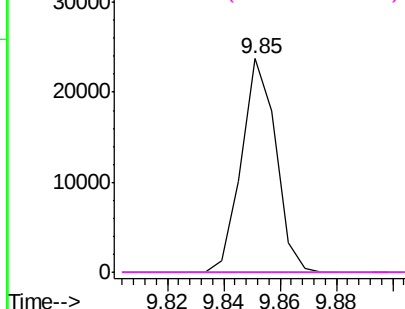


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

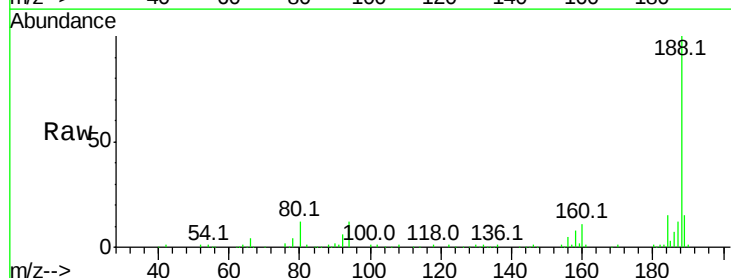
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

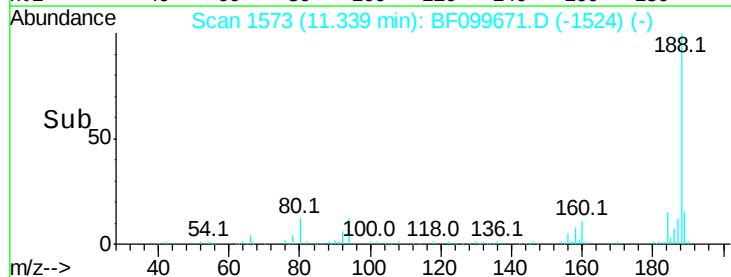
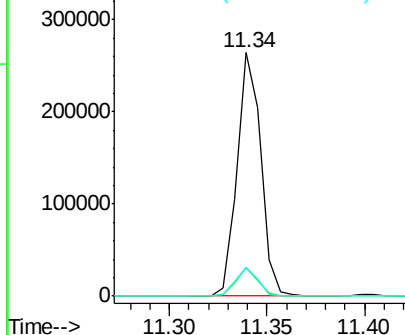
Tgt Ion:188	Resp:	222722
Ion Ratio	Lower	Upper
188	100	
94	11.5	8.5 12.7
80	11.9	9.2 13.8

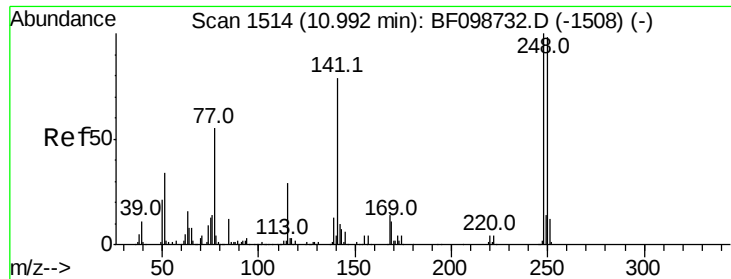


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

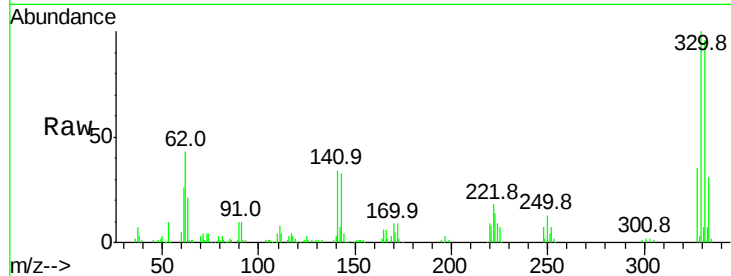




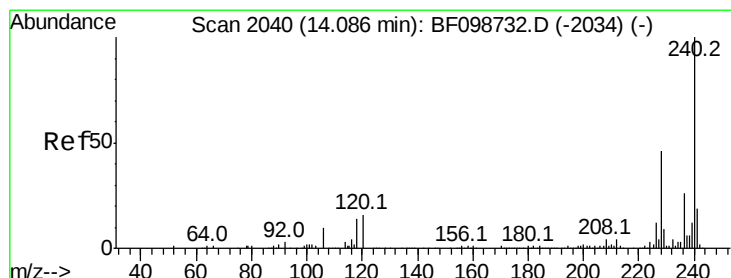
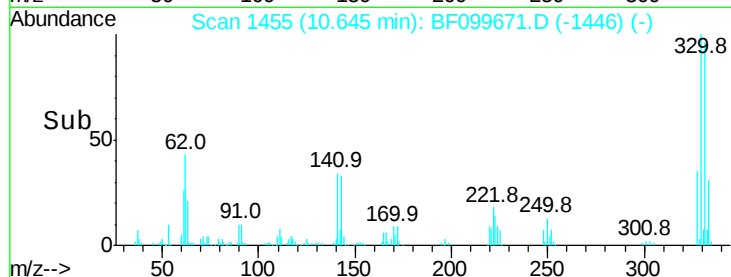
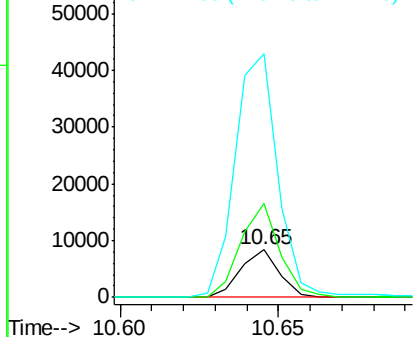
#66
 4-Bromophenyl-phenylether
 Concen: 3.209 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6995
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.9 115.3#
 141 513.2 74.4 111.6#

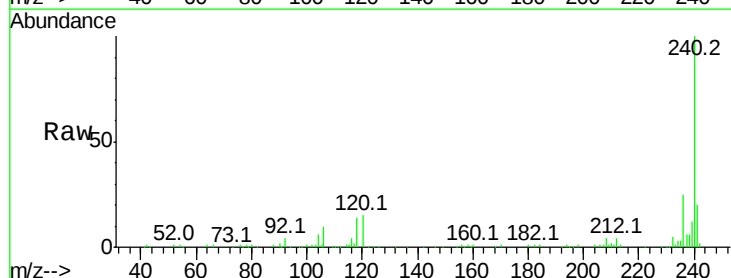


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

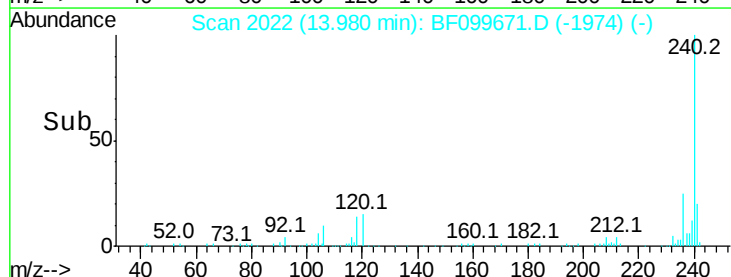
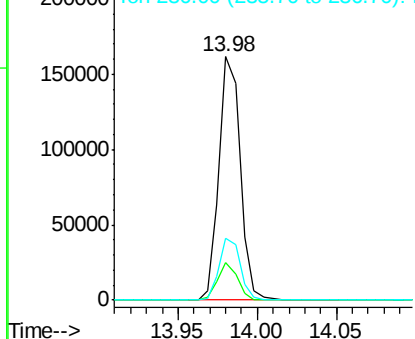


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Tgt Ion:240 Resp: 151271
 Ion Ratio Lower Upper
 240 100
 120 15.3 9.5 14.3#
 236 25.3 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

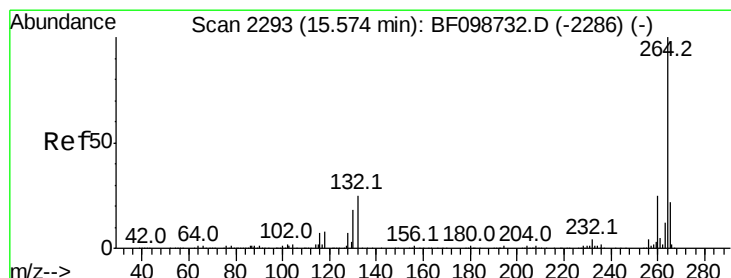
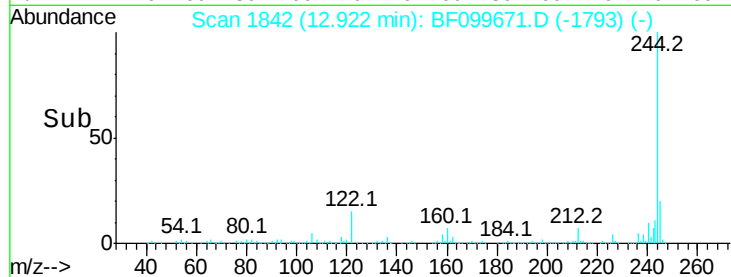
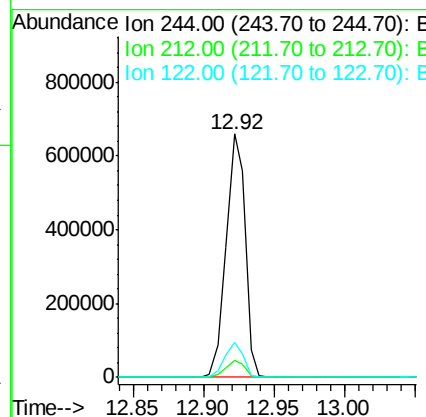
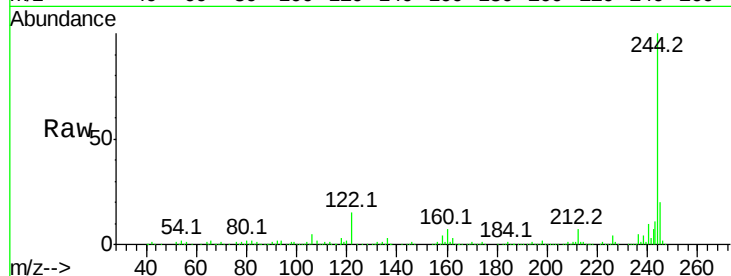




#78
 Terphenyl-d14
 Concen: 92.860 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 617668
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF099671.D
 Acq: 19 Oct 2017 21:51

Tgt Ion:264 Resp: 168052
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.8 17.5 26.3

