

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099747.D
 Acq On : 22 Oct 2017 1:09
 Operator : SJ/JU
 Sample : I6037-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 05:14:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

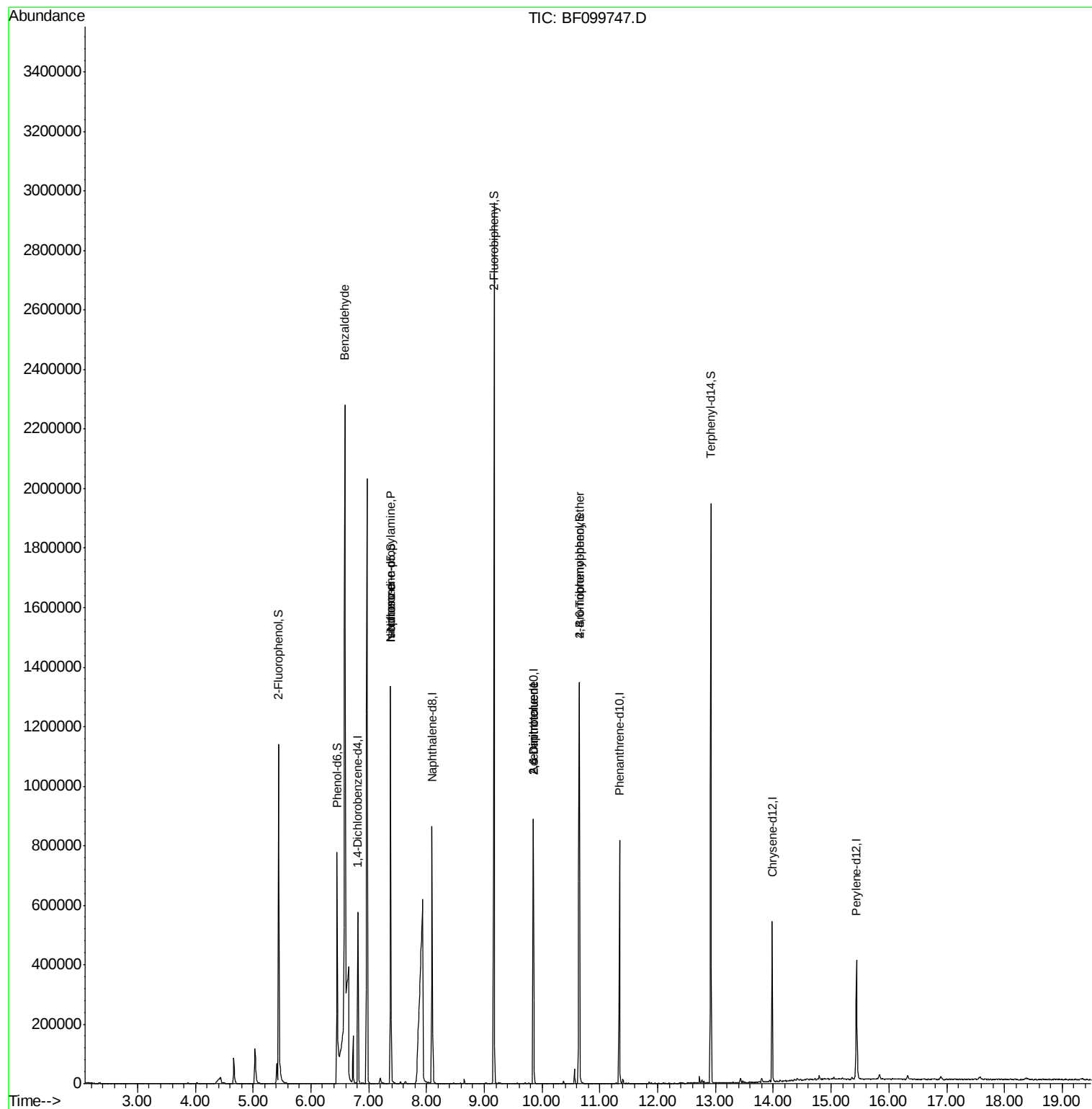
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	96761	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	405066	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	187261	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	302589	20.00	ng	0.00
75) Chrysene-d12	13.98	240	177421	20.00	ng	0.00
86) Perylene-d12	15.44	264	182480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	389943	64.15	ng	0.00
7) Phenol-d6	6.45	99	313243	41.78	ng	-0.01
23) Nitrobenzene-d5	7.38	82	501880	79.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	184259	120.25	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	997367	88.91	ng	0.00
78) Terphenyl-d14	12.92	244	675957	86.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	11370	2.614	ng	86
19) n-Nitroso-di-n-propylamine	7.38	70	63110	13.183	ng	# 71
25) Isophorone	7.38	82	501880	38.432	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	23676	7.695	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	23676	5.929	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	12113	4.090	ng	# 1

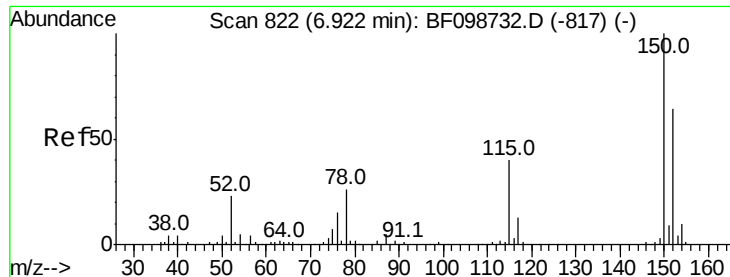
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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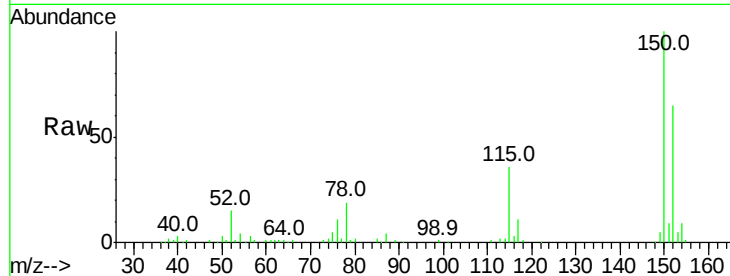


#1

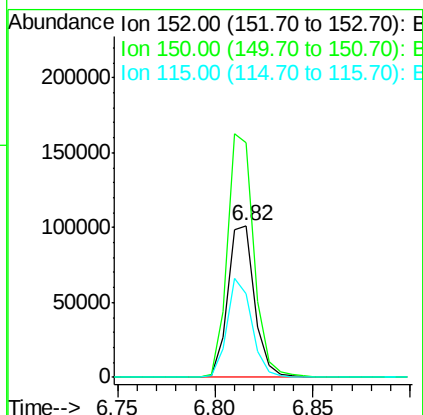
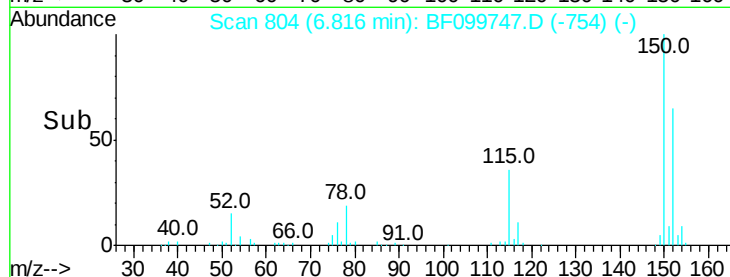
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099747.D
 Acq: 22 Oct 2017 1:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 96761
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 55.1 50.1 75.1



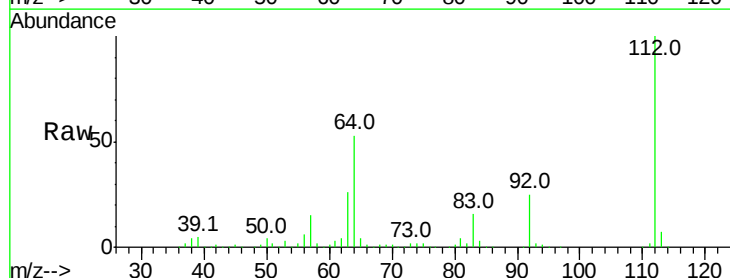
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



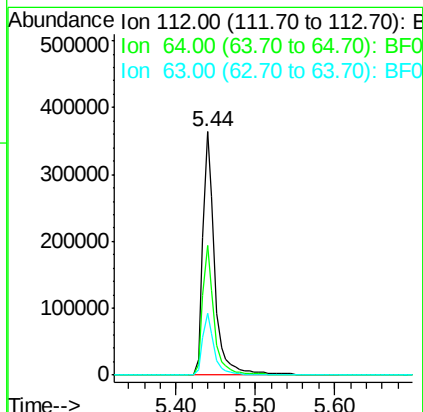
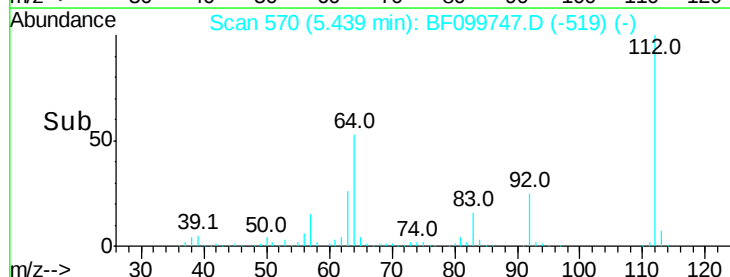
#5

2-Fluorophenol
 Concen: 64.153 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF099747.D
 Acq: 22 Oct 2017 1:09

Tgt Ion:112 Resp: 389943
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 25.6 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: 41.775 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099747.D

Acq: 22 Oct 2017 1:09

Instrument :

BNA_F

ClientSampleId :

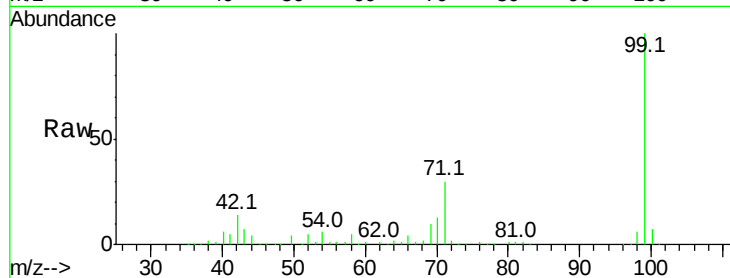
Tot Ion: 99 Resp: 313243

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

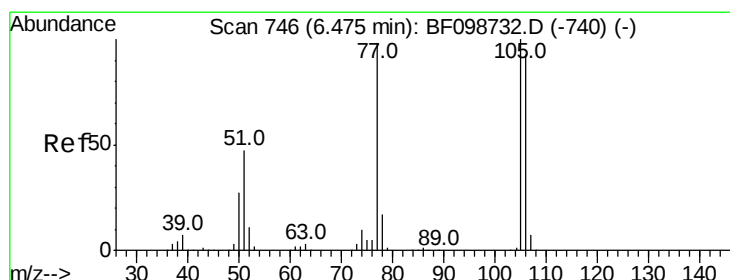
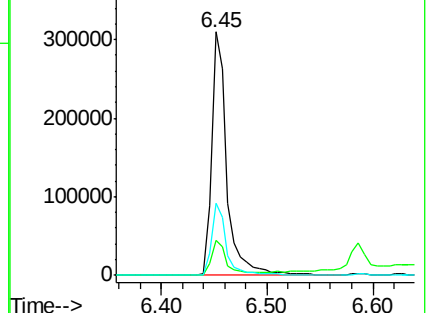
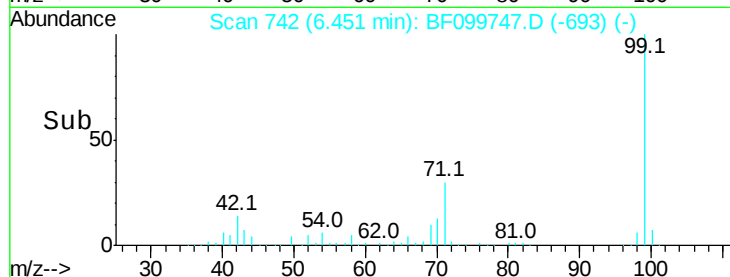
71 29.6 25.4 38.0



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: 2.614 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099747.D

Acq: 22 Oct 2017 1:09

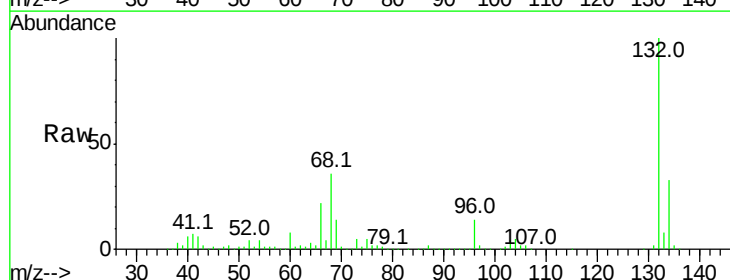
Tgt Ion: 77 Resp: 11370

Ion Ratio Lower Upper

77 100

105 83.5 81.1 121.1

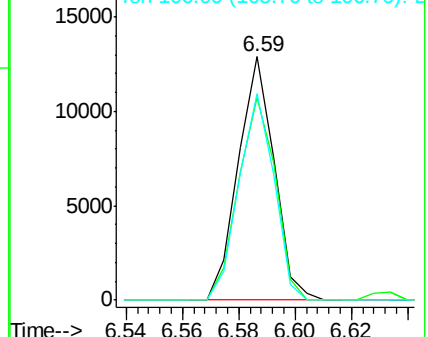
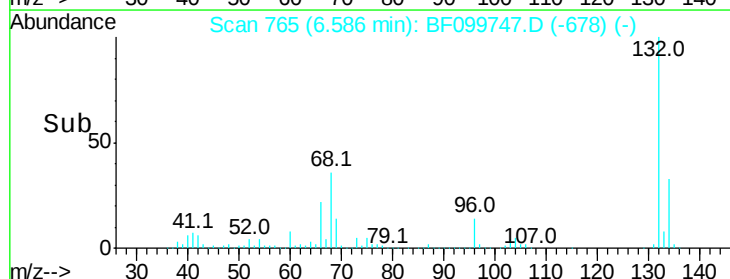
106 84.9 74.5 114.5

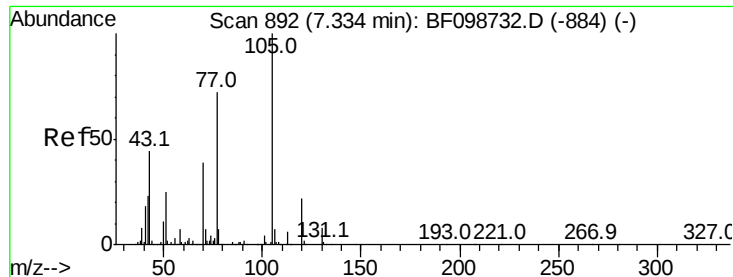


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

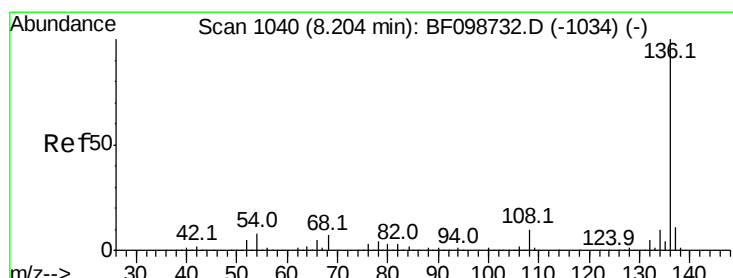
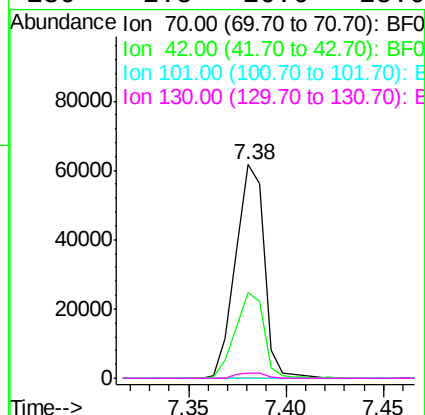
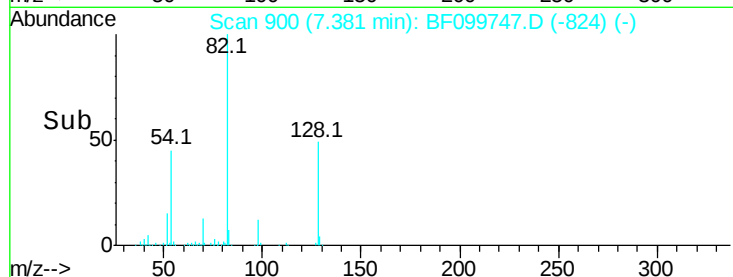
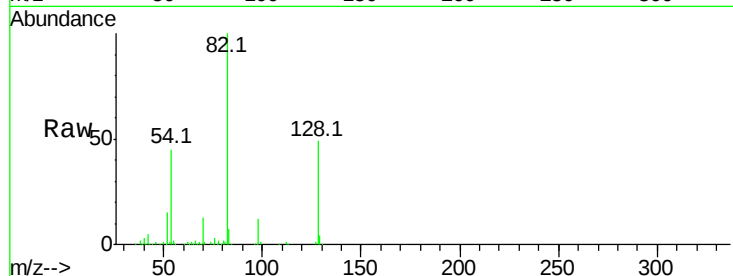




#19
n-Nitroso-di-n-propylamine
Concen: 13.183 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099747.D
Acq: 22 Oct 2017 1:09

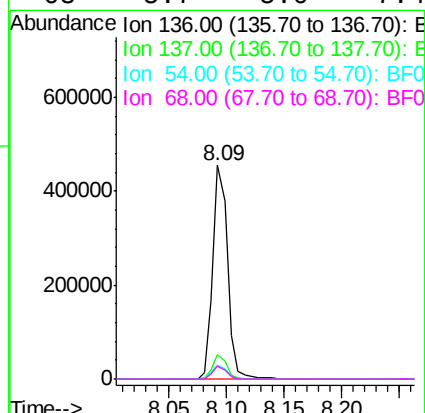
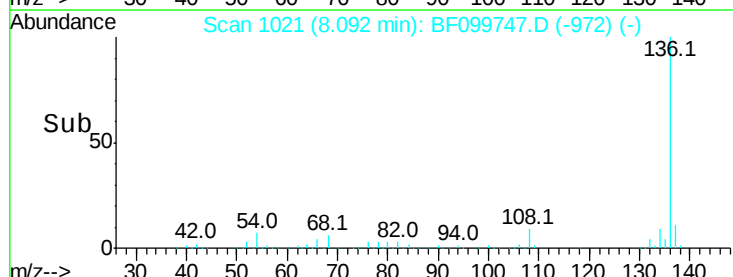
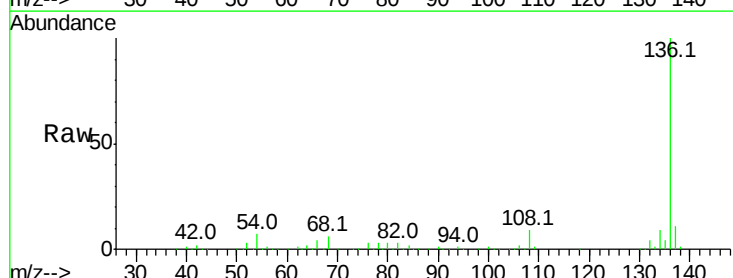
Instrument :
BNA_F
ClientSampleId :

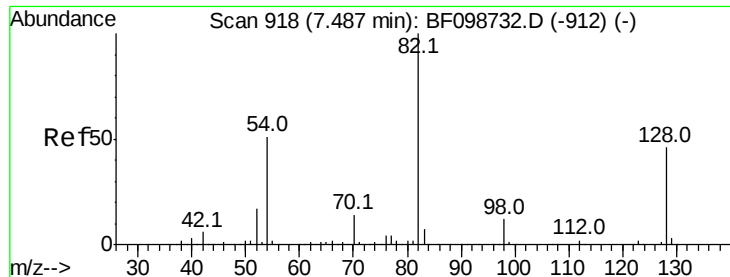
Tot Ion: 70 Resp: 63110
Ion Ratio Lower Upper
70 100
42 40.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099747.D
Acq: 22 Oct 2017 1:09

Tgt Ion: 136 Resp: 405066
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.7 6.6 9.8
68 5.7 5.0 7.4

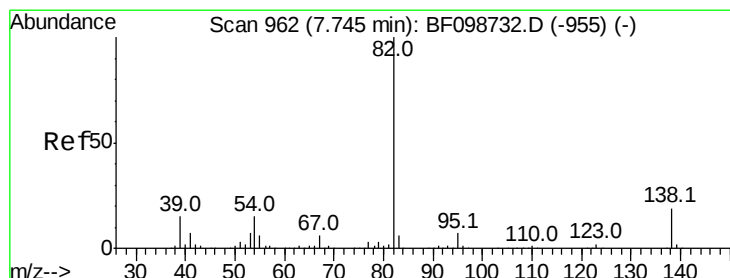
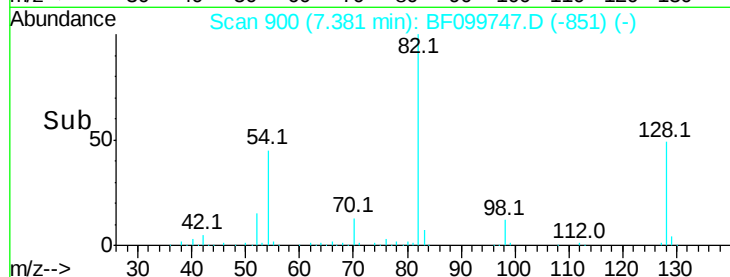
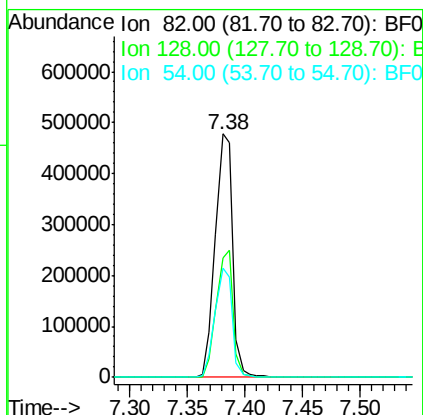
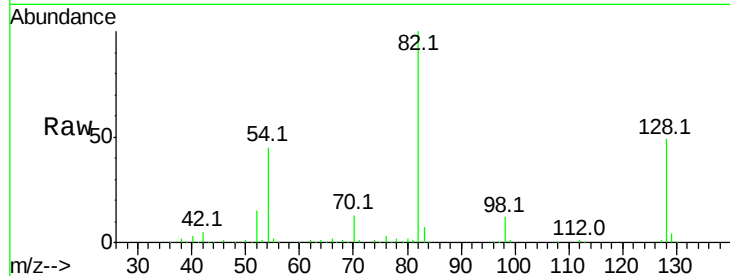




#23
 Nitrobenzene-d5
 Concen: 79.458 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099747.D
 Acq: 22 Oct 2017 1:09

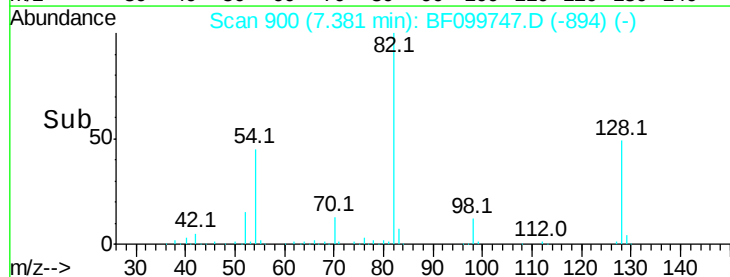
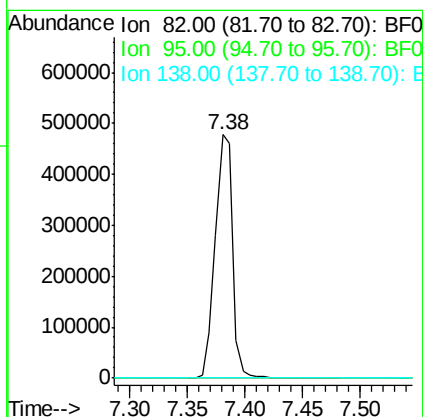
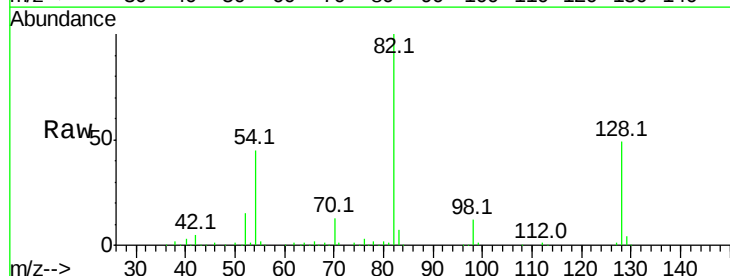
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	501880
Ion Ratio	Lower	Upper	
82	100		
128	49.1	36.1	54.1
54	45.0	41.4	62.2



#25
 Isophorone
 Concen: 38.432 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF099747.D
 Acq: 22 Oct 2017 1:09

Tgt Ion	82	Resp	501880
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

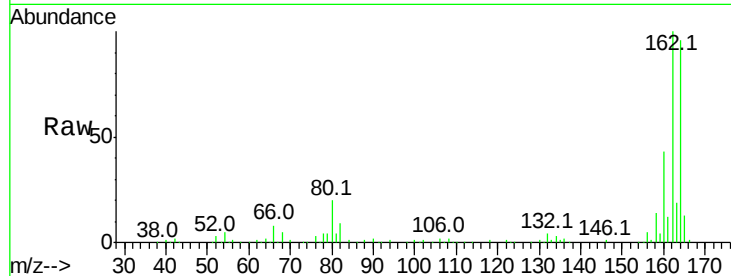




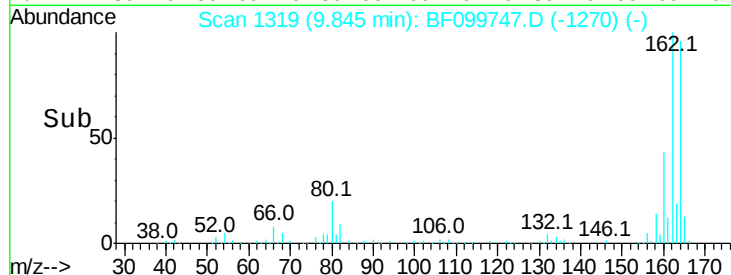
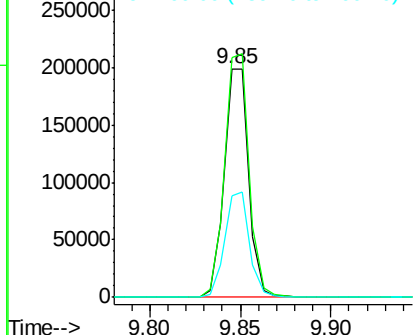
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099747.D
Acq: 22 Oct 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 187261
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 44.5 38.3 57.5

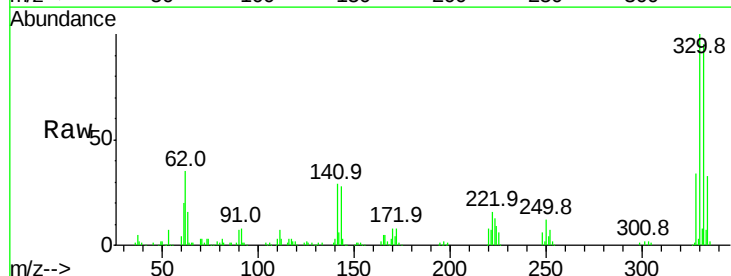


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

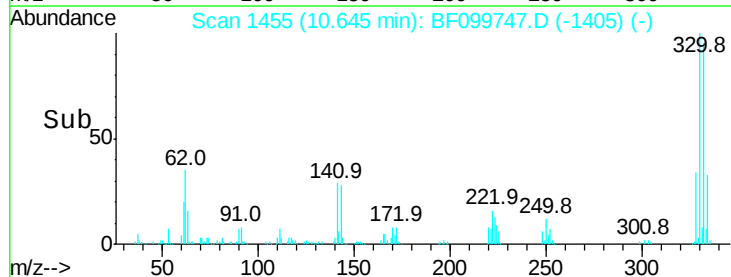
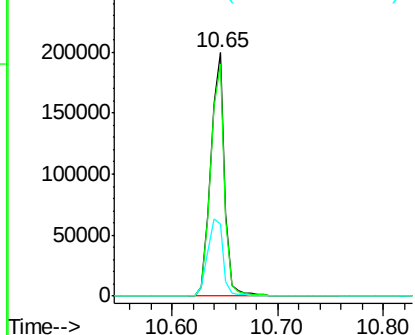


#41
2,4,6-Tribromophenol
Concen: 120.250 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099747.D
Acq: 22 Oct 2017 1:09

Tgt Ion:330 Resp: 184259
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 35.2 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

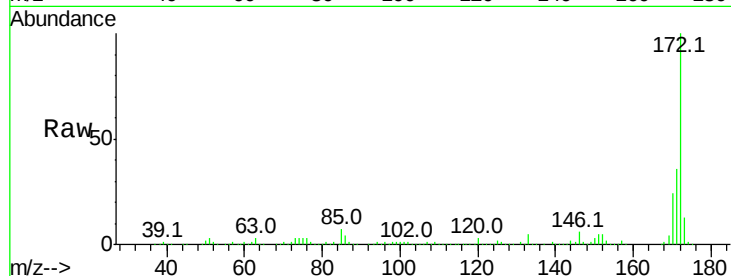




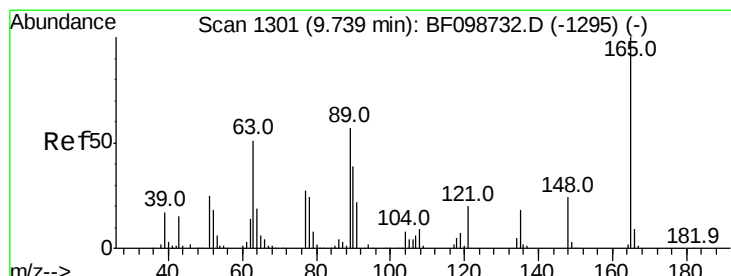
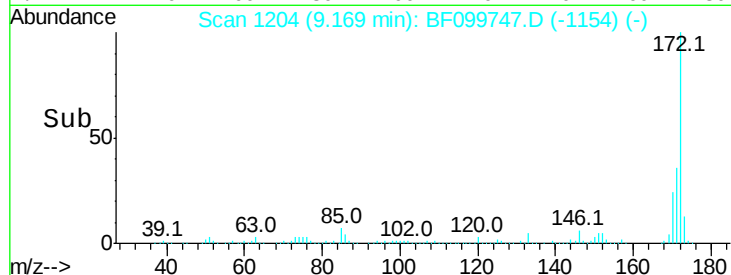
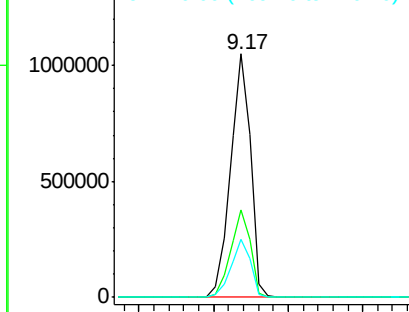
#44
 2-Fluorobiphenyl
 Concen: 88.914 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099747.D
 Acq: 22 Oct 2017 1:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4

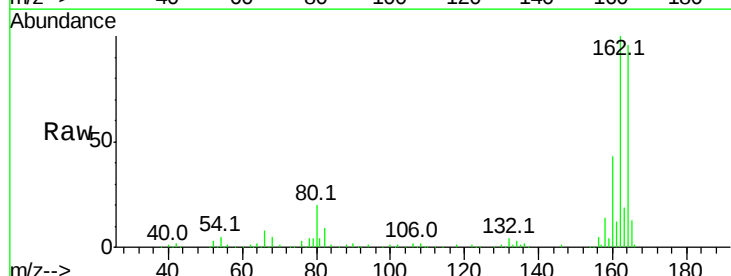


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

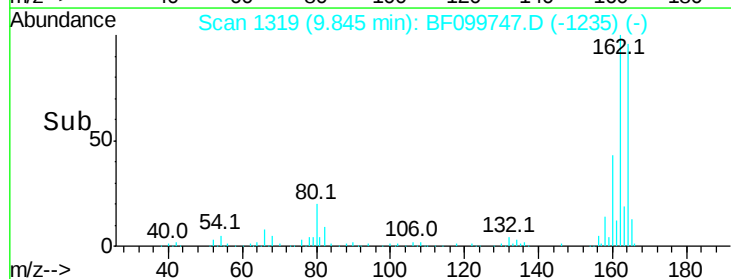
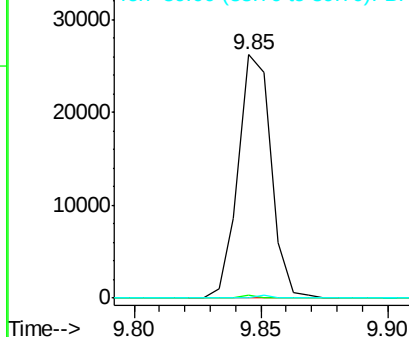


#50
 2,6-Dinitrotoluene
 Concen: 7.695 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.19 min
 Lab File: BF099747.D
 Acq: 22 Oct 2017 1:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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

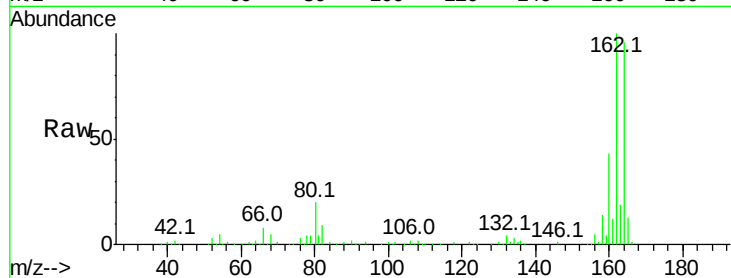




#56
 2,4-Dinitrotoluene
 Concen: 5.929 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF099747.D
 Acq: 22 Oct 2017 1:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23676
Ion Ratio	Lower	Upper
165	100	
63	1.2	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

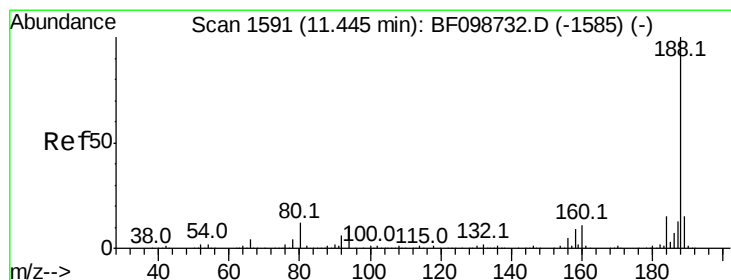
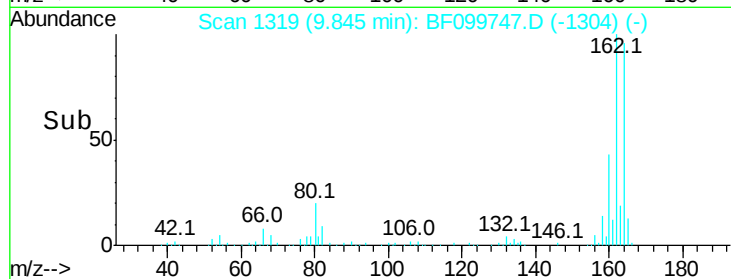
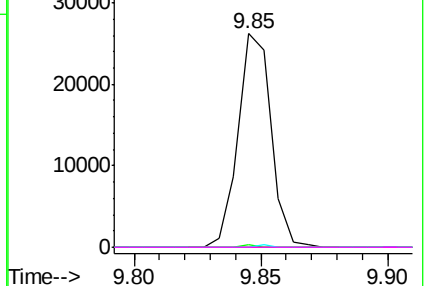


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

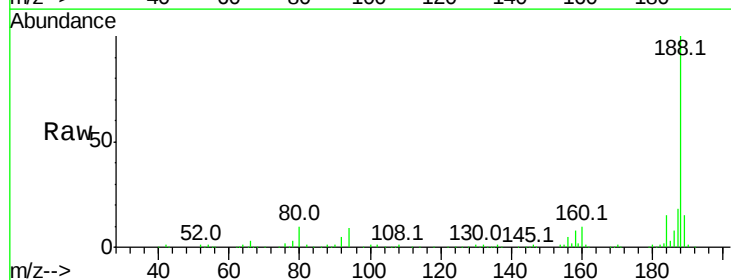
Ion 89.00 (88.70 to 89.70): BF0

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: BF099747.D
 Acq: 22 Oct 2017 1:09

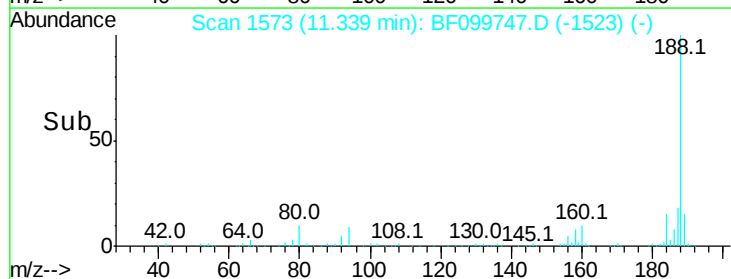
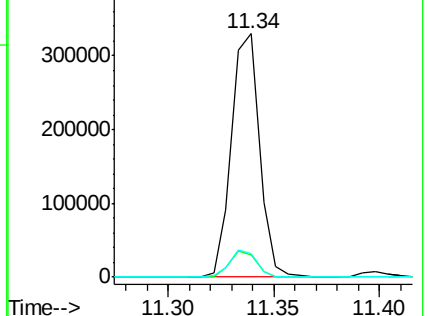
Tgt Ion:188	Resp:	302589
Ion Ratio	Lower	Upper
188	100	
94	9.0	8.5 12.7
80	9.8	9.2 13.8

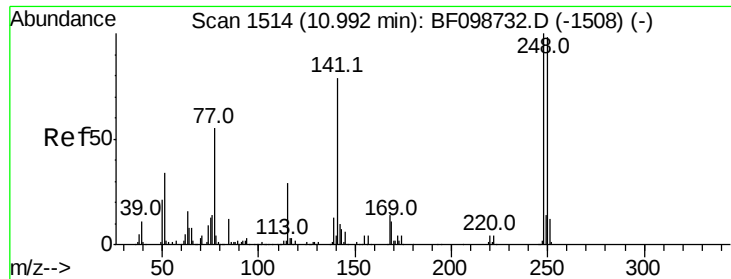


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

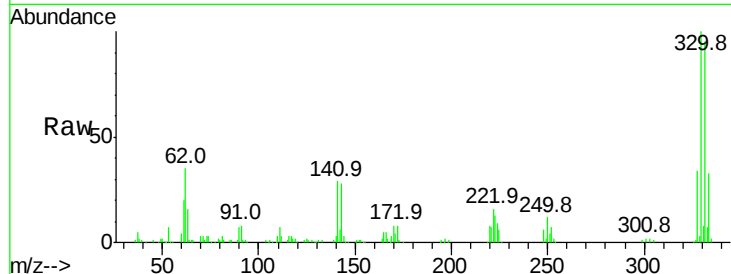




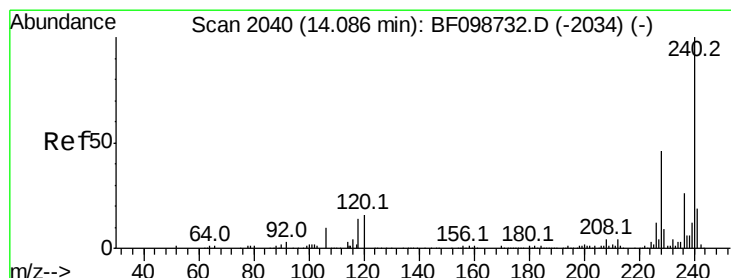
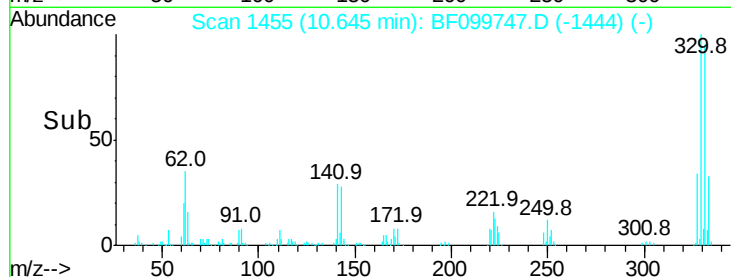
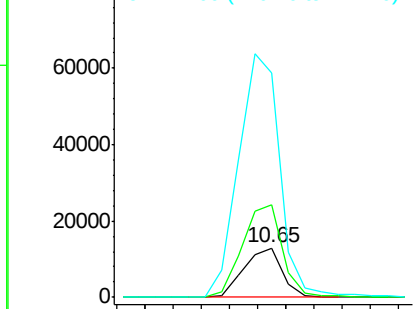
#66
4-Bromophenyl-phenylether
Concen: 4.090 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF099747.D
Acq: 22 Oct 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12113
Ion Ratio Lower Upper
248 100
250 188.6 76.9 115.3#
141 458.1 74.4 111.6#

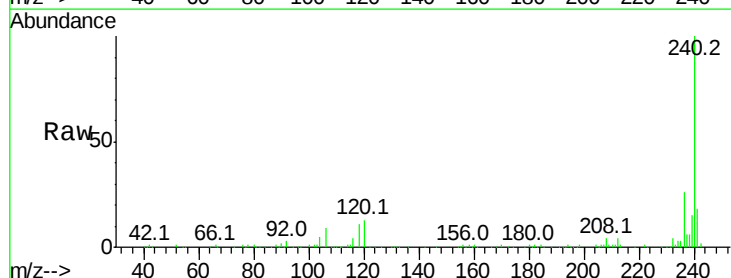


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

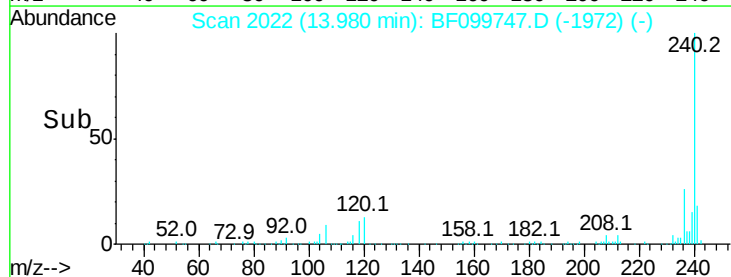
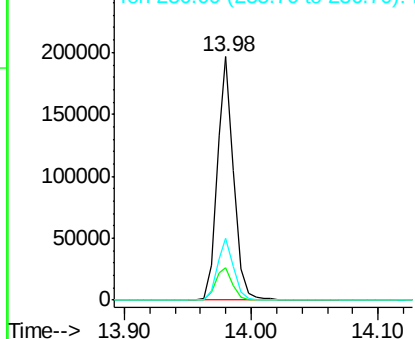


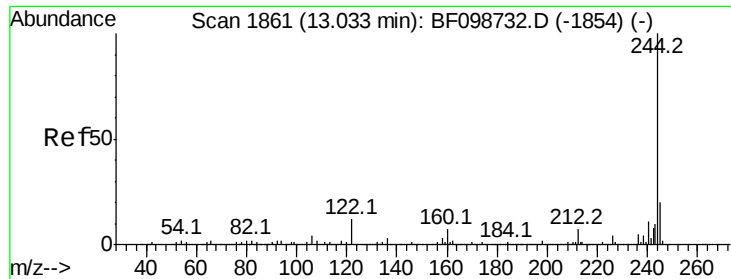
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099747.D
Acq: 22 Oct 2017 1:09

Tgt Ion:240 Resp: 177421
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 25.5 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

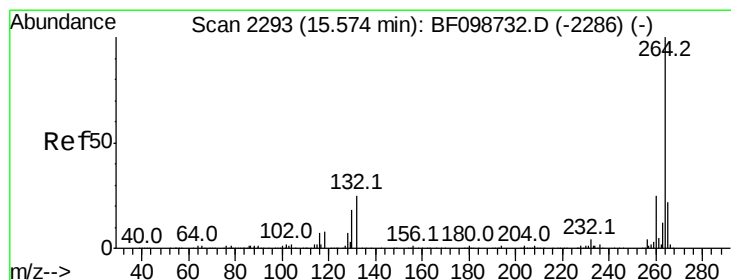
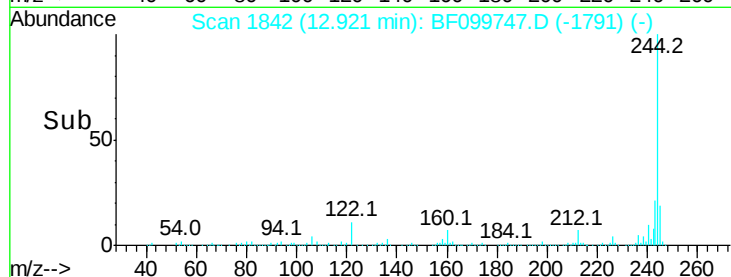
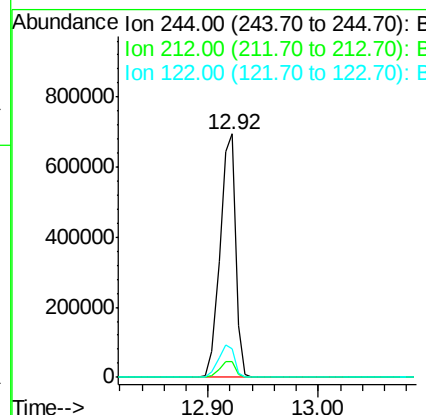
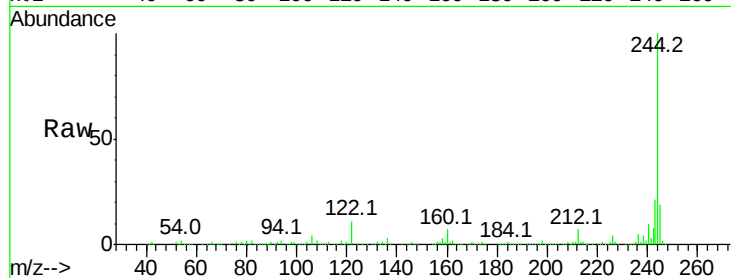




#78
 Terphenyl-d14
 Concen: 86.645 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF099747.D
 Acq: 22 Oct 2017 1:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 675957
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099747.D
 Acq: 22 Oct 2017 1:09

Tgt Ion:264 Resp: 182480
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.2 17.5 26.3

