

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099710.D
 Acq On : 20 Oct 2017 19:33
 Operator : SJ/JU
 Sample : PB103469BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 21 21:25:39 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

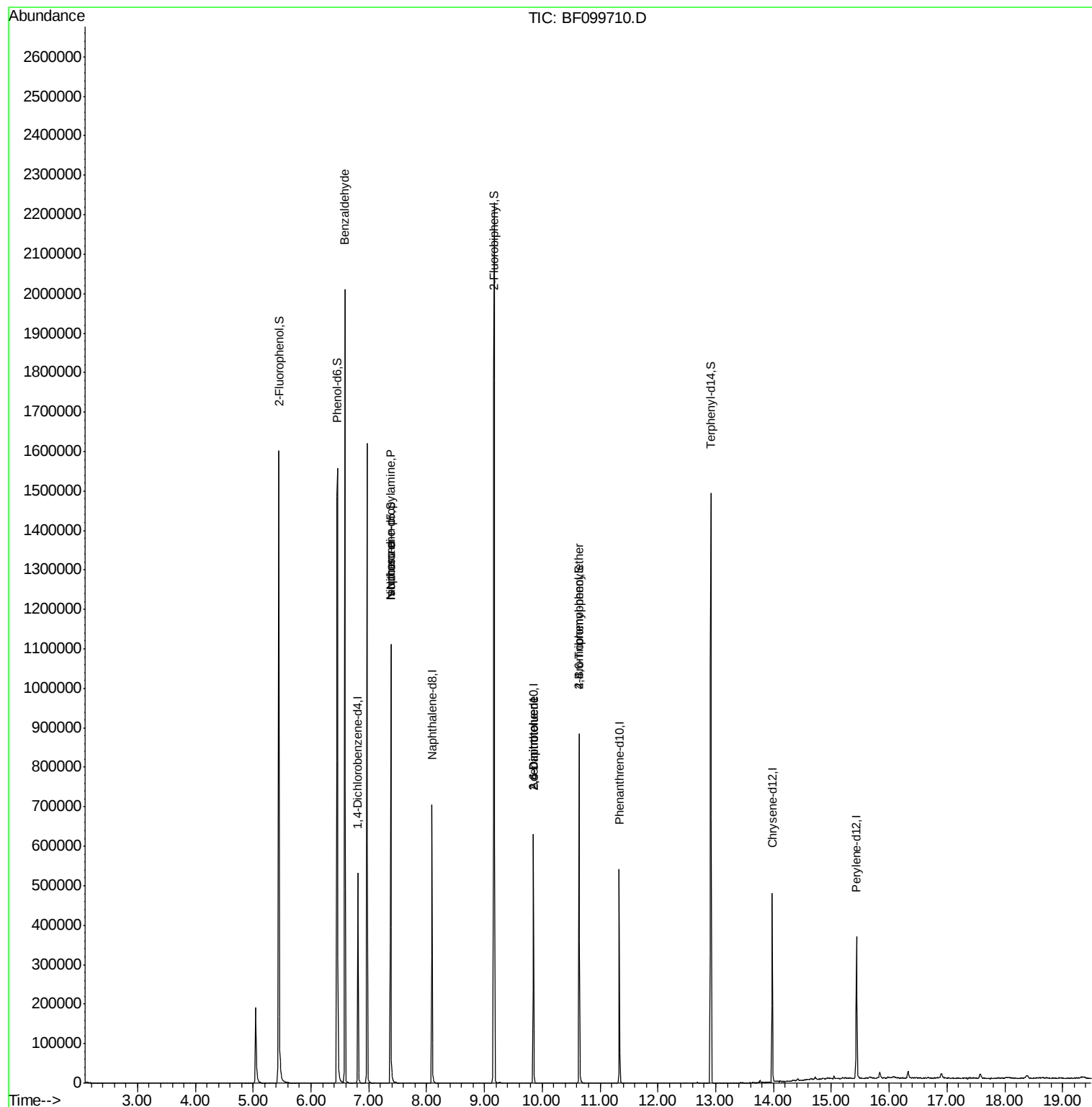
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	83257	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	323706	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	128179	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	184810	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	155714	20.00	ng	-0.01
86) Perylene-d12	15.44	264	154851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	558506	106.79	ng	0.00
7) Phenol-d6	6.46	99	650298	100.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	372347	73.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	100792	96.10	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	705890	91.94	ng	0.00
78) Terphenyl-d14	12.92	244	451646	65.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	10076	2.692	ng	88
19) n-Nitroso-di-n-propylamine	7.38	70	45387	11.018	ng	# 71
25) Isophorone	7.38	82	372347	35.679	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	16121	7.654	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	16121	5.898	ng	# 21
66) 4-Bromophenyl-phenylether	10.64	248	6678	3.692	ng	# 1

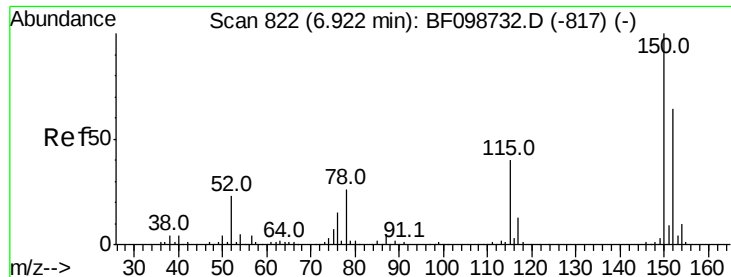
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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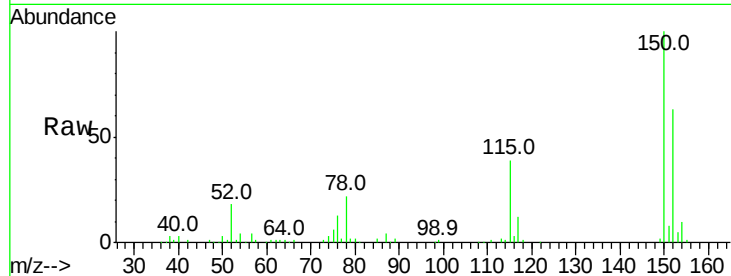


#1

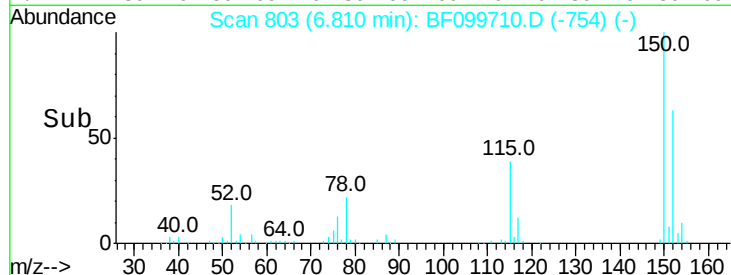
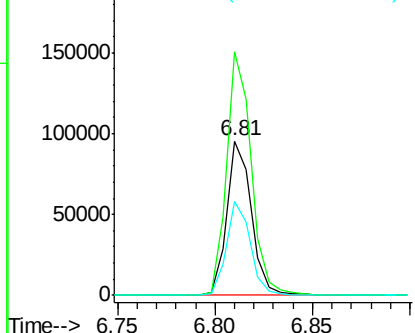
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099710.D
Acq: 20 Oct 2017 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83257
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.2 50.1 75.1



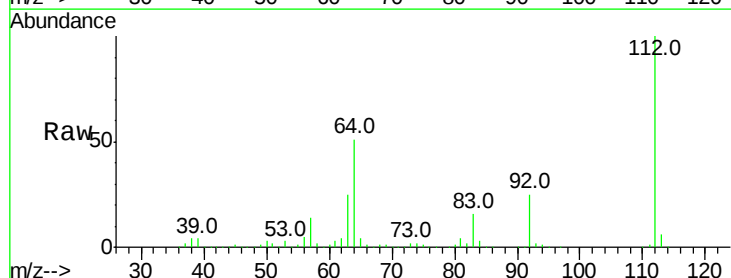
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



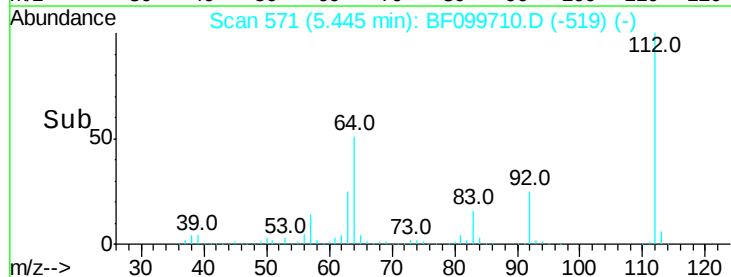
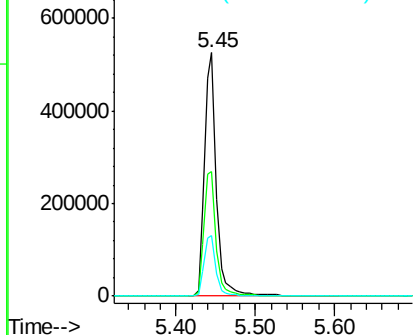
#5

2-Fluorophenol
Concen: 106.788 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099710.D
Acq: 20 Oct 2017 19:33

Tgt Ion:112 Resp: 558506
Ion Ratio Lower Upper
112 100
64 51.1 47.9 71.9
63 24.9 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: 100.793 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099710.D

Acq: 20 Oct 2017 19:33

Instrument :

BNA_F

ClientSampleId :

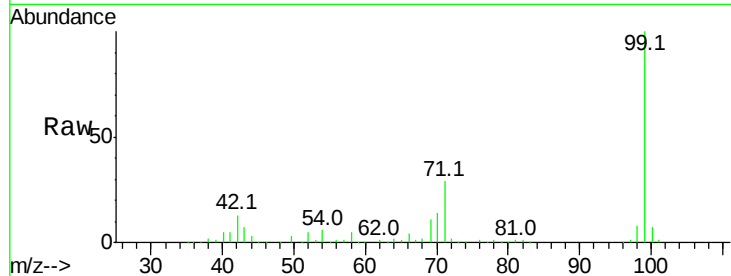
Tot Ion: 99 Resp: 650298

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

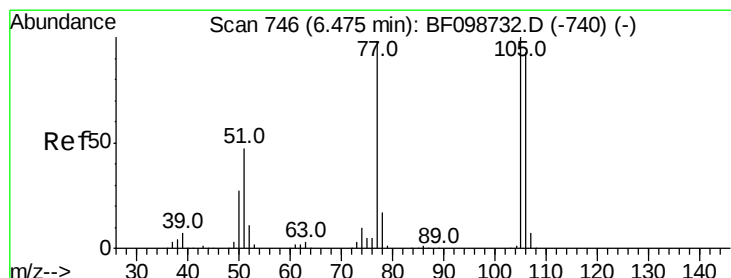
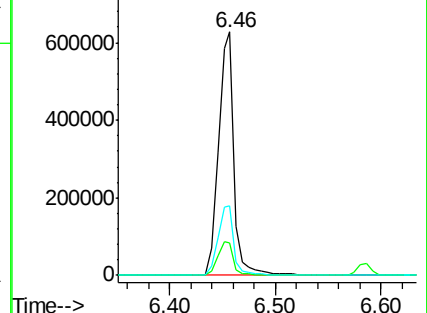
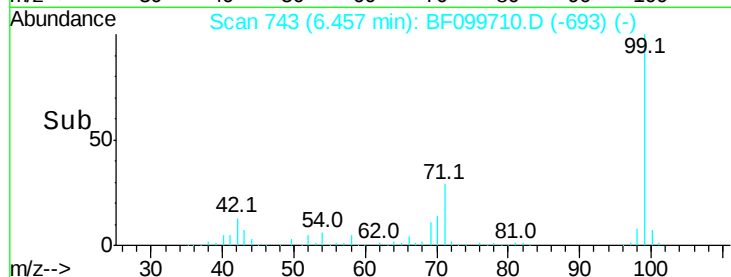
71 28.7 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.692 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099710.D

Acq: 20 Oct 2017 19:33

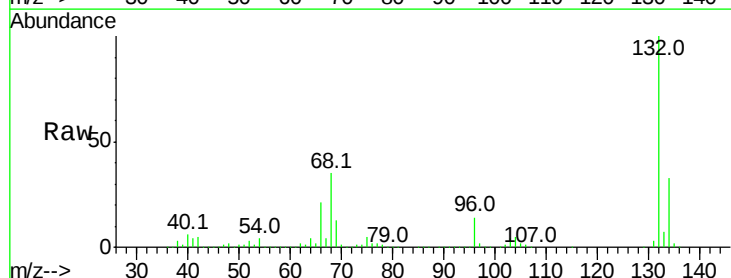
Tgt Ion: 77 Resp: 10076

Ion Ratio Lower Upper

77 100

105 89.6 81.1 121.1

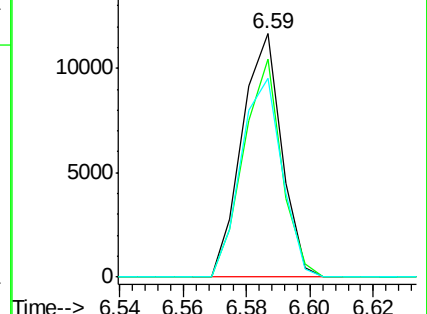
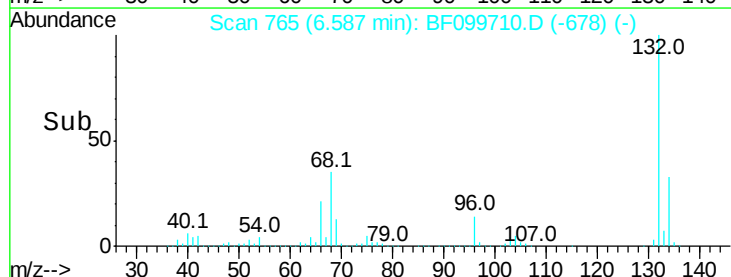
106 81.7 74.5 114.5

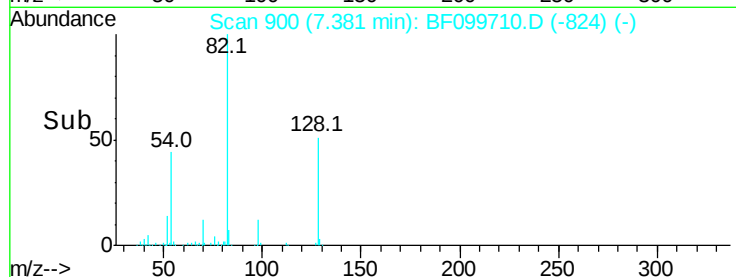
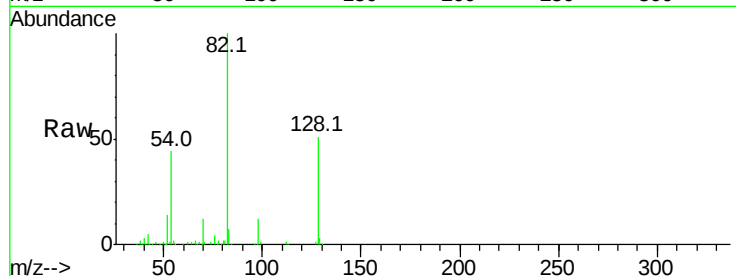
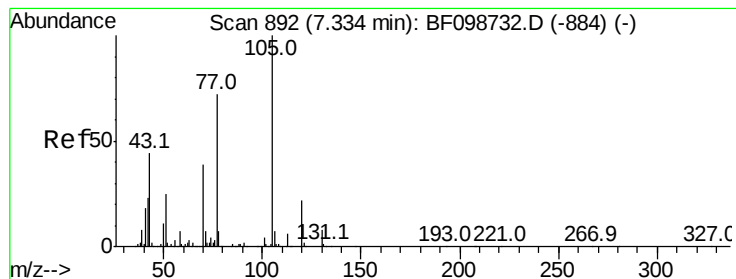


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 11.018 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF099710.D

Acq: 20 Oct 2017 19:33

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 45387

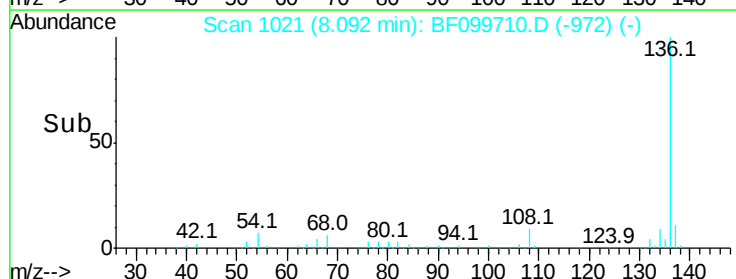
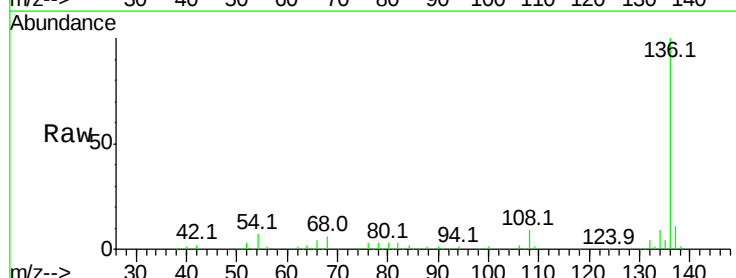
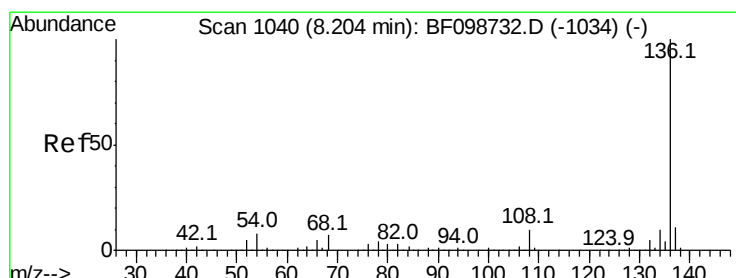
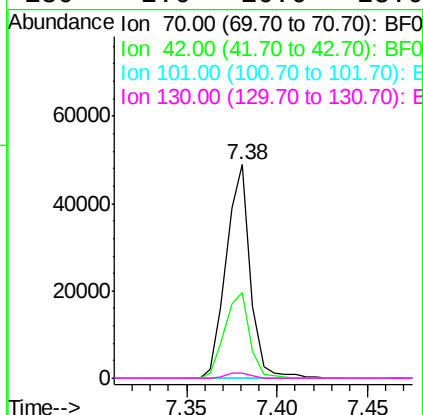
Ion Ratio Lower Upper

70 100

42 40.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 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: BF099710.D

Acq: 20 Oct 2017 19:33

Tgt Ion: 136 Resp: 323706

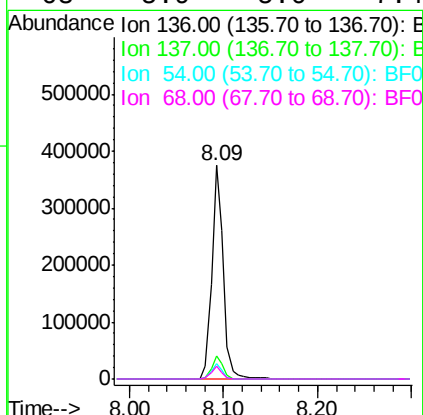
Ion Ratio Lower Upper

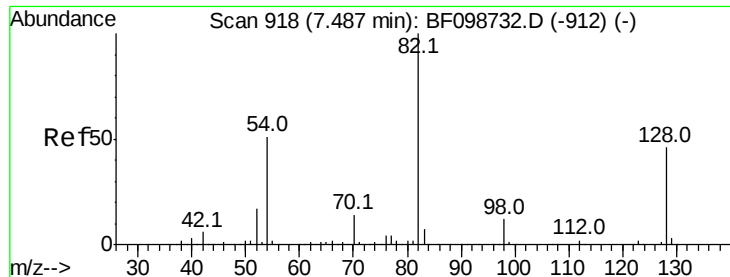
136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 5.9 5.0 7.4

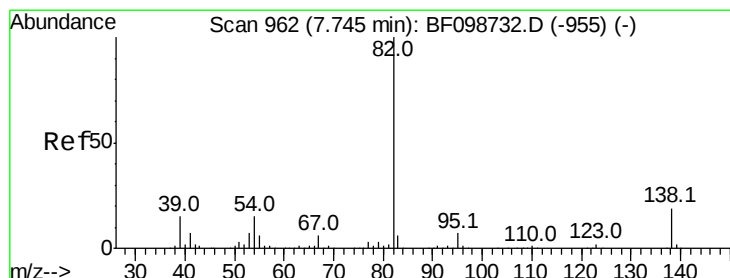
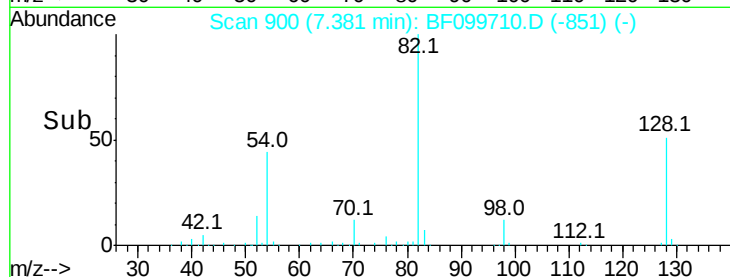
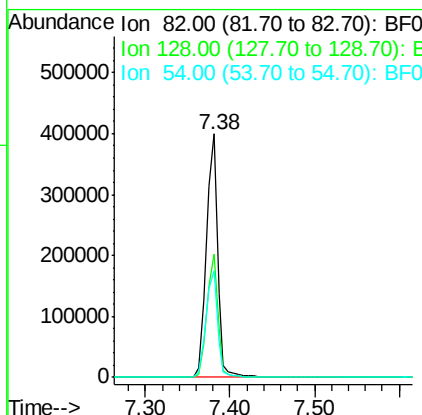
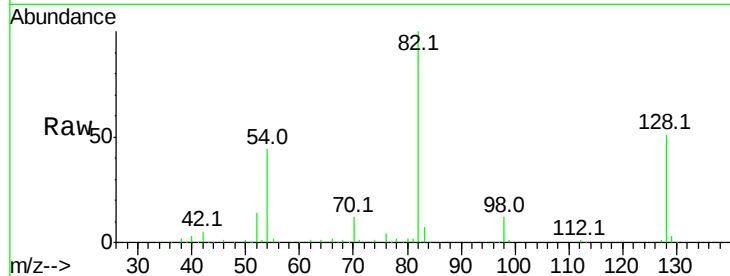




#23
Nitrobenzene-d5
Concen: 73.767 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099710.D
Acq: 20 Oct 2017 19:33

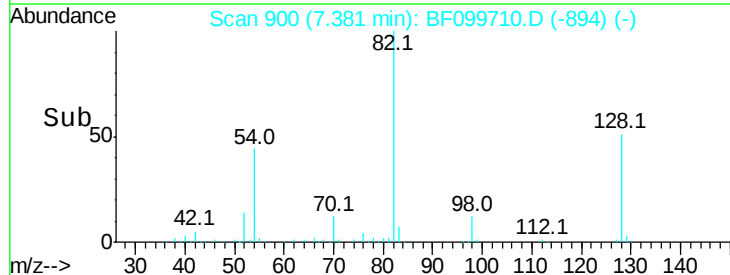
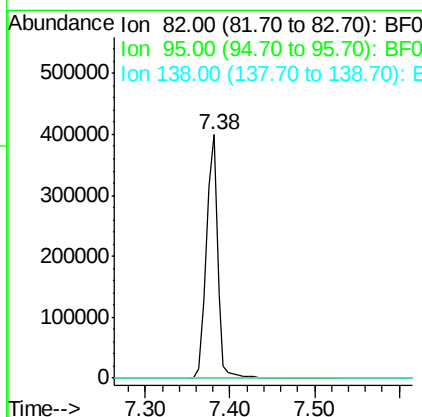
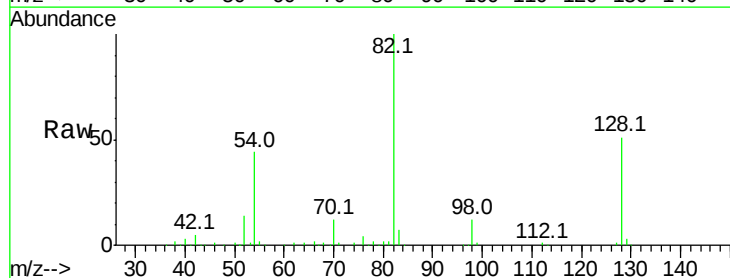
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	372347
Ion Ratio	Lower	Upper	
82	100		
128	50.8	36.1	54.1
54	43.8	41.4	62.2



#25
Isophorone
Concen: 35.679 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF099710.D
Acq: 20 Oct 2017 19:33

Tgt Ion	82	Resp	372347
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

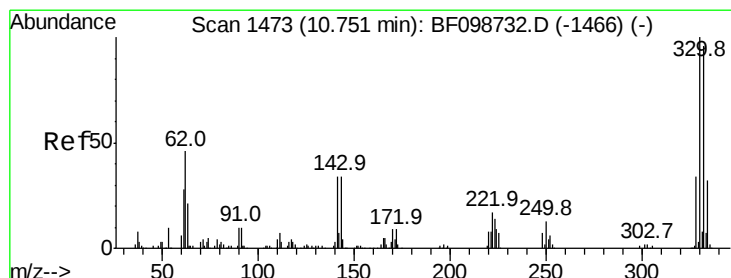
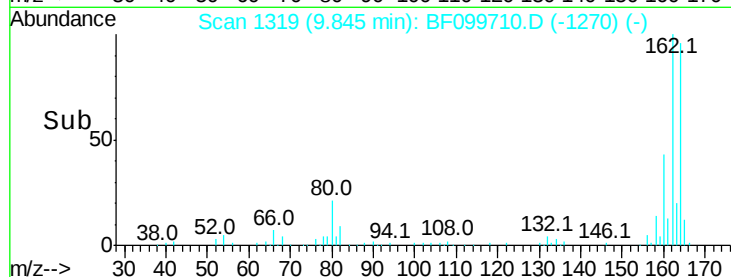
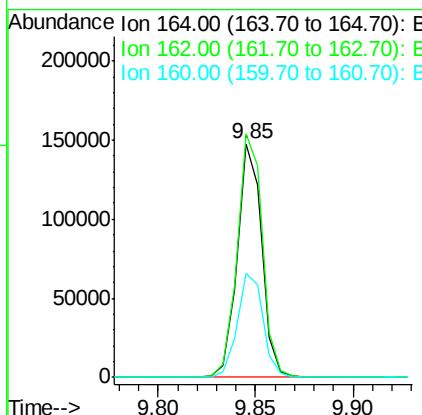
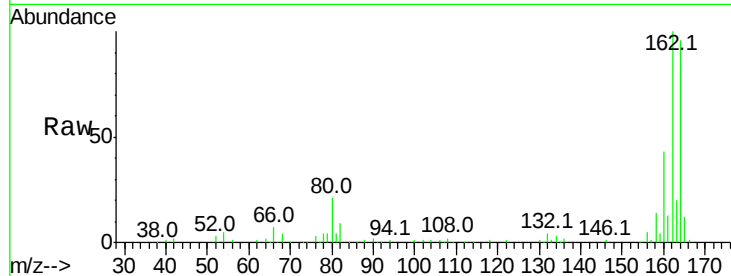




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099710.D
Acq: 20 Oct 2017 19:33

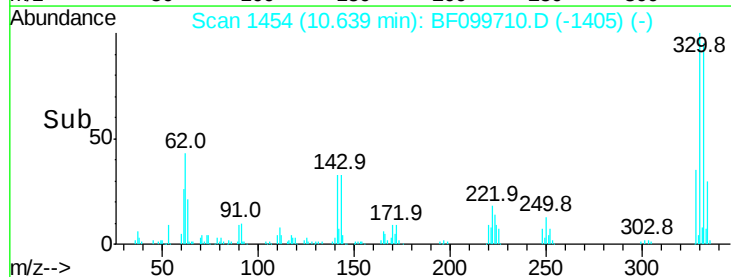
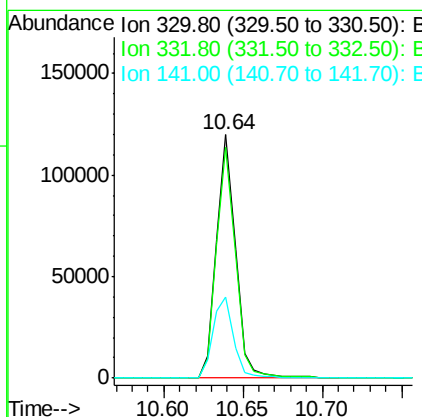
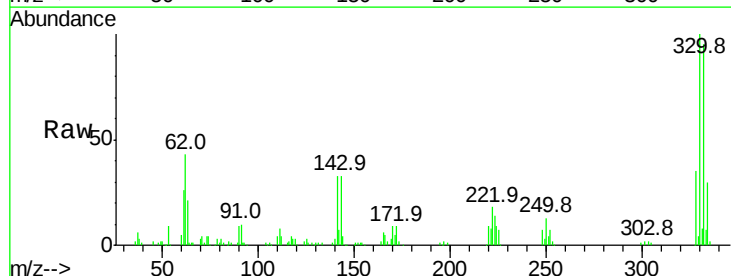
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	44.8	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 96.097 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099710.D
Acq: 20 Oct 2017 19:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	36.3	29.9	44.9



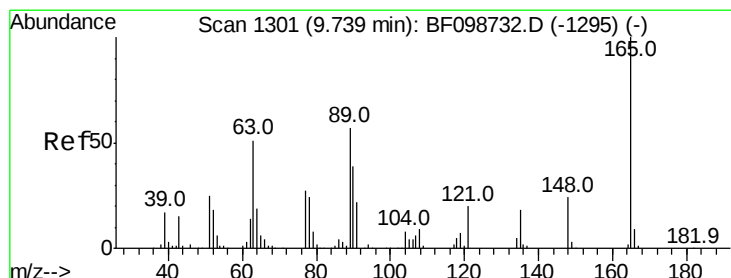
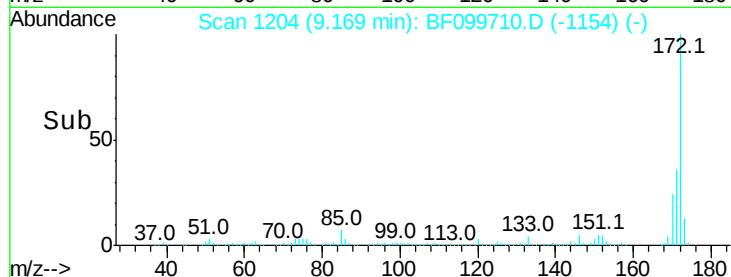
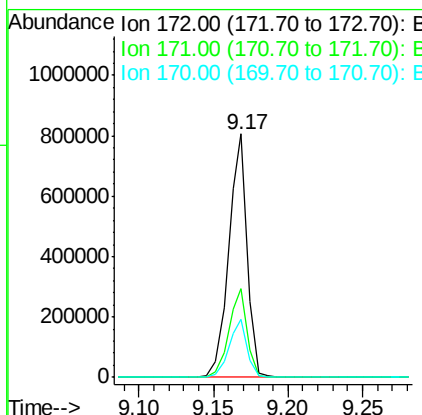
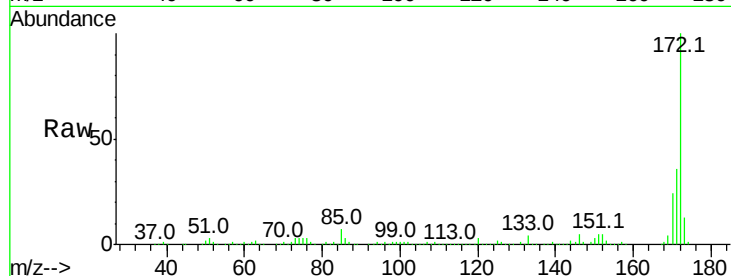


#44
 2-Fluorobiphenyl
 Concen: 91.936 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099710.D
 Acq: 20 Oct 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 705890

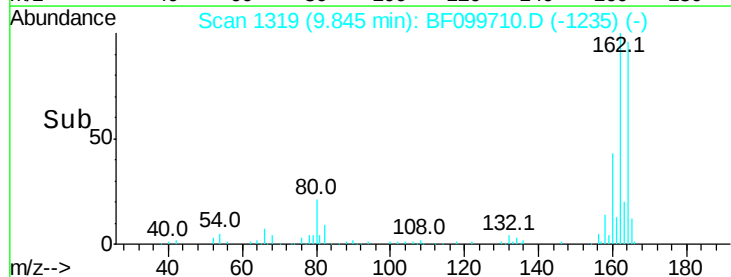
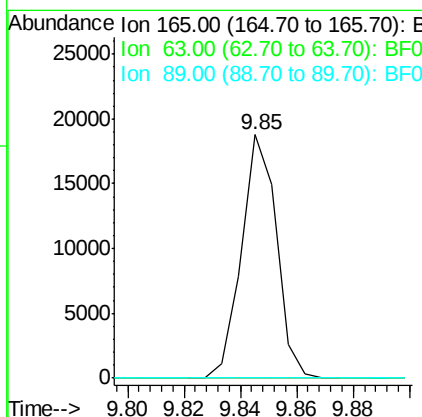
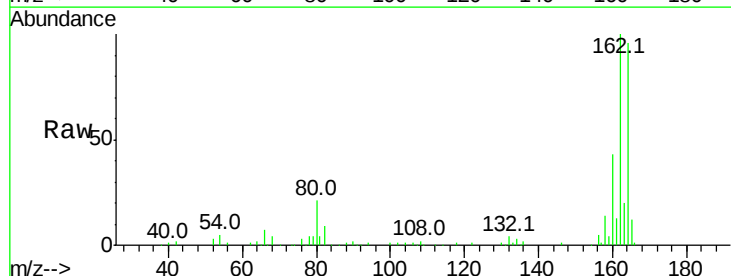
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.654 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.19 min
 Lab File: BF099710.D
 Acq: 20 Oct 2017 19:33

Tgt Ion:165 Resp: 16121

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

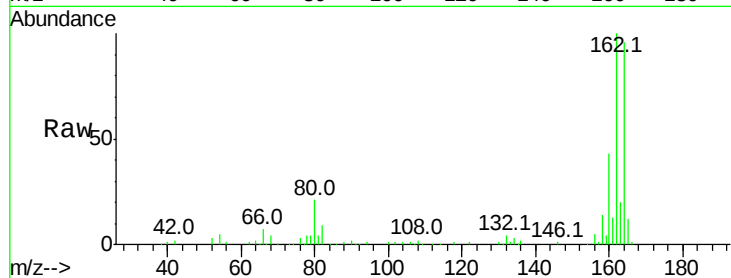




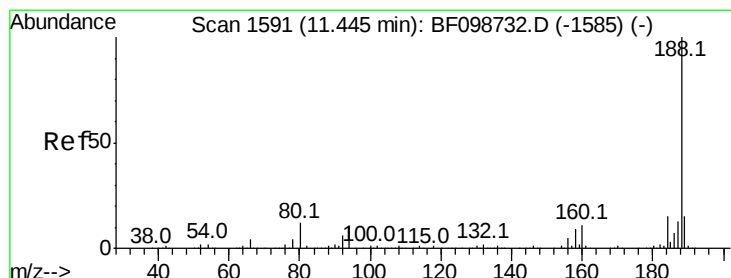
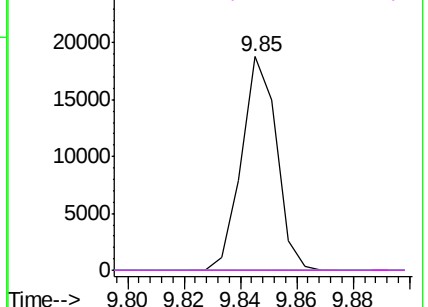
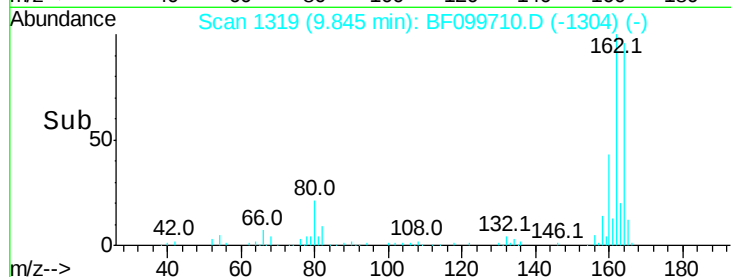
#56
 2,4-Dinitrotoluene
 Concen: 5.898 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF099710.D
 Acq: 20 Oct 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	16121
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#

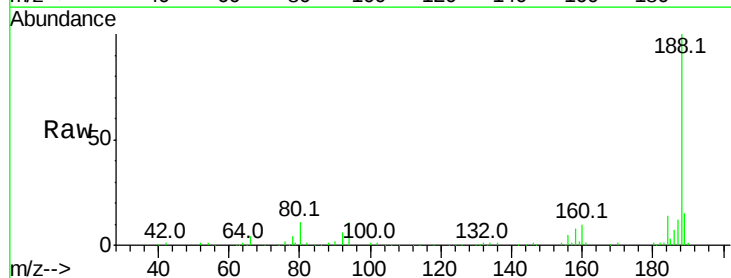


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

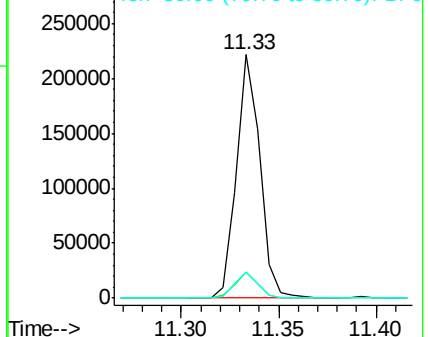
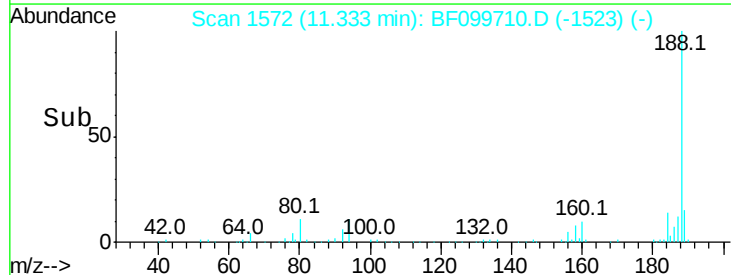


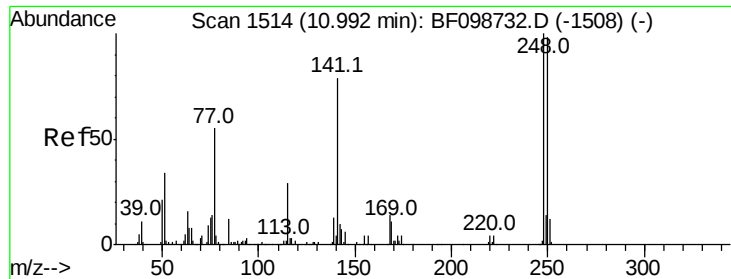
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF099710.D
 Acq: 20 Oct 2017 19:33

Tgt Ion:188	Resp:	184810
Ion Ratio	Lower	Upper
188	100	
94	10.9	8.5 12.7
80	10.9	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

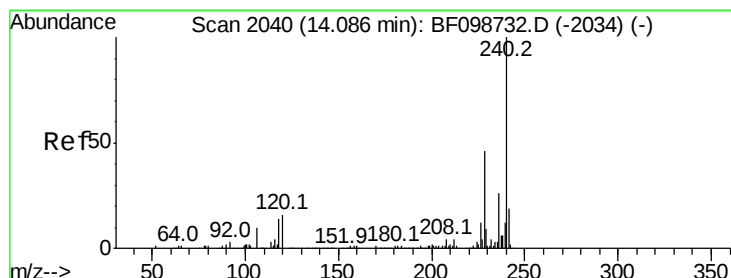
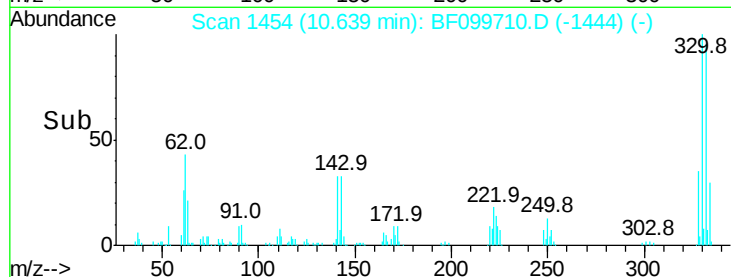
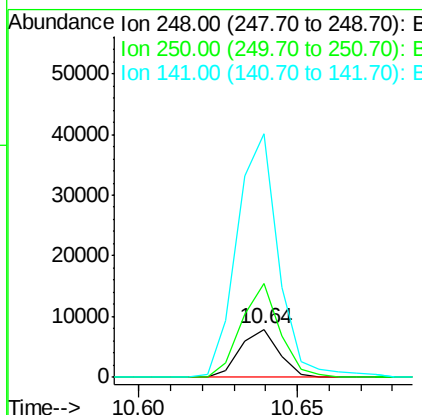
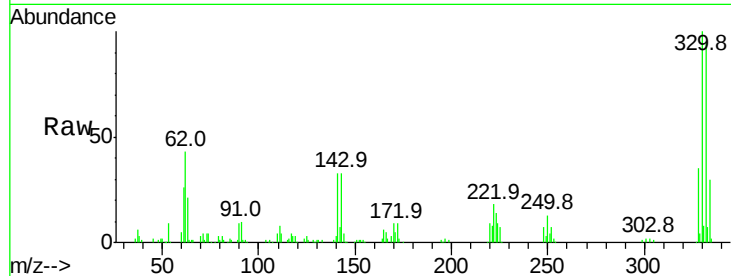




#66
 4-Bromophenyl-phenylether
 Concen: 3.692 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF099710.D
 Acq: 20 Oct 2017 19:33

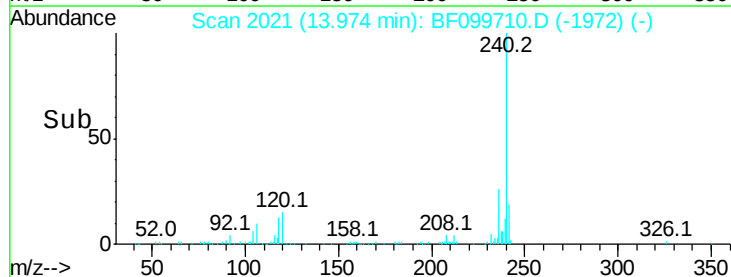
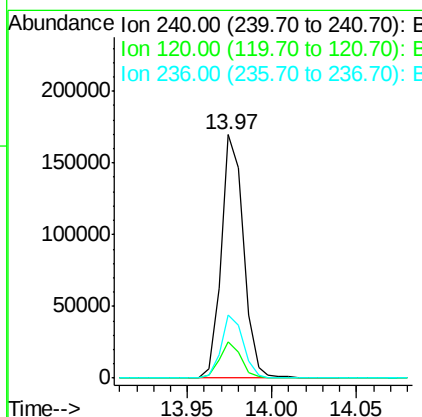
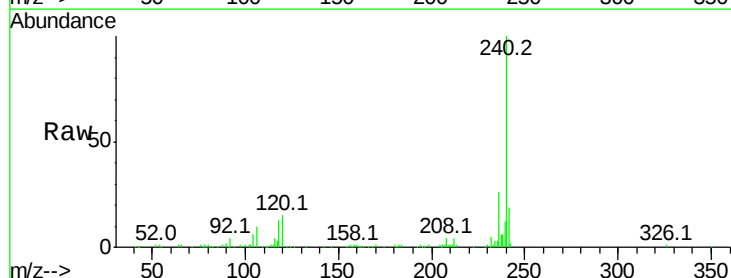
Instrument :
 BNA_F
 ClientSampleId :

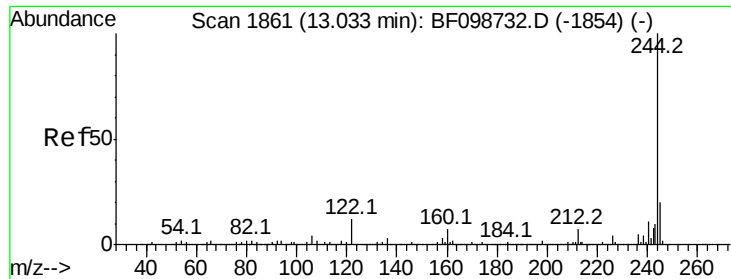
Tot Ion:248 Resp: 6678
 Ion Ratio Lower Upper
 248 100
 250 195.8 76.9 115.3#
 141 506.5 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF099710.D
 Acq: 20 Oct 2017 19:33

Tgt Ion:240 Resp: 155714
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.5 14.3#
 236 26.0 20.7 31.1

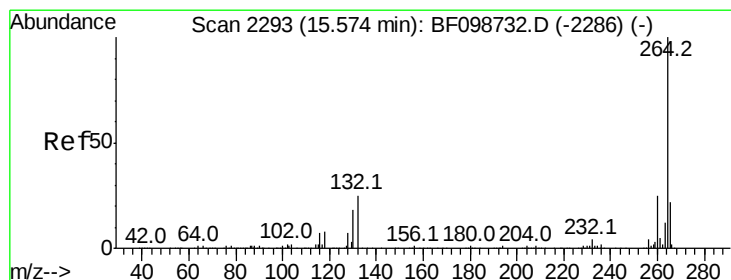
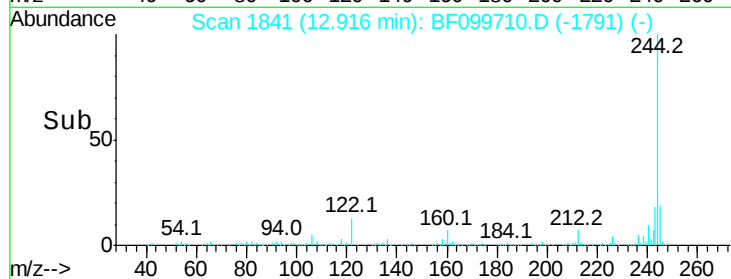
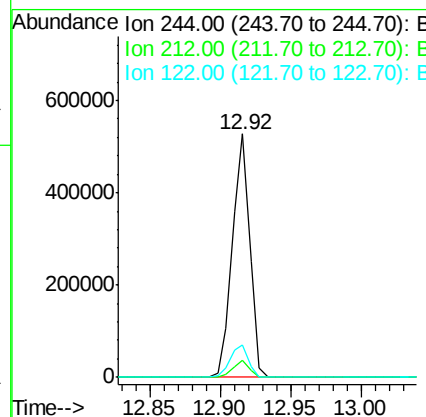
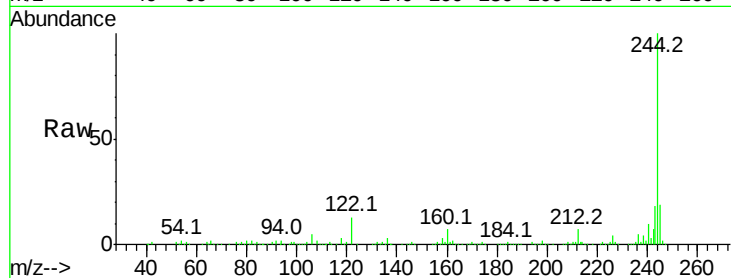




#78
 Terphenyl-d14
 Concen: 65.963 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099710.D
 Acq: 20 Oct 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.2	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: BF099710.D
 Acq: 20 Oct 2017 19:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.3	17.5	26.3

