

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099735.D
 Acq On : 21 Oct 2017 18:39
 Operator : SJ/JU
 Sample : I6025-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 00:47:54 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

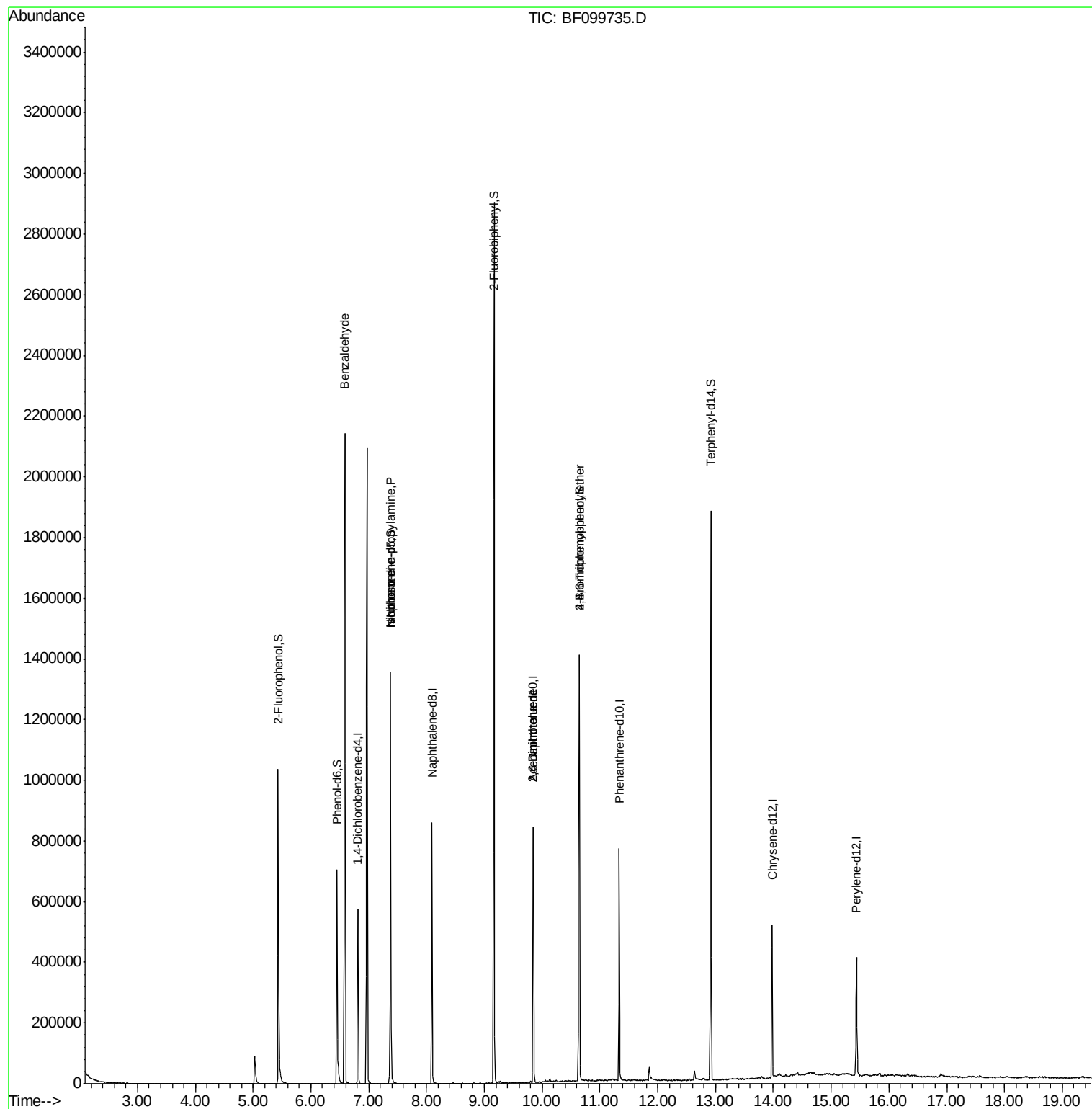
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	91663	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	380486	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	170664	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	279412	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	163723	20.00	ng	0.00
86) Perylene-d12	15.44	264	164431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	354094	61.50	ng	0.00
7) Phenol-d6	6.45	99	268490	37.80	ng	-0.01
23) Nitrobenzene-d5	7.38	82	519623	87.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	187137	134.00	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1012989	99.09	ng	0.00
78) Terphenyl-d14	12.92	244	658862	91.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	10930	2.653	ng	90
19) n-Nitroso-di-n-propylamine	7.38	70	65131	14.361	ng	# 71
25) Isophorone	7.38	82	519623	42.361	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	21442	7.646	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	21442	5.892	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	12389	4.530	ng	# 1

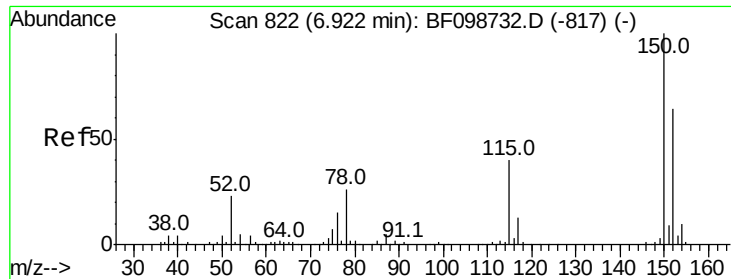
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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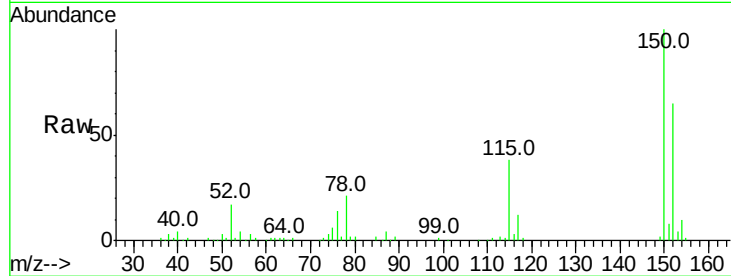


#1

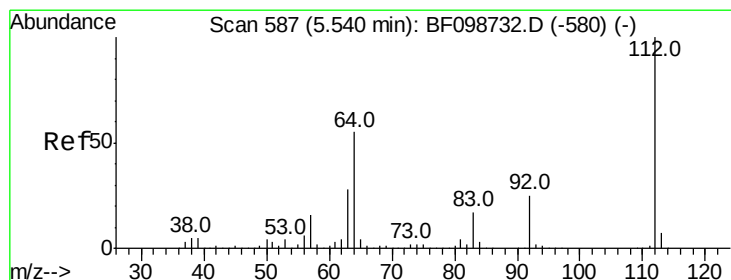
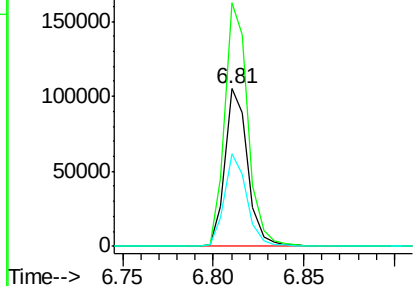
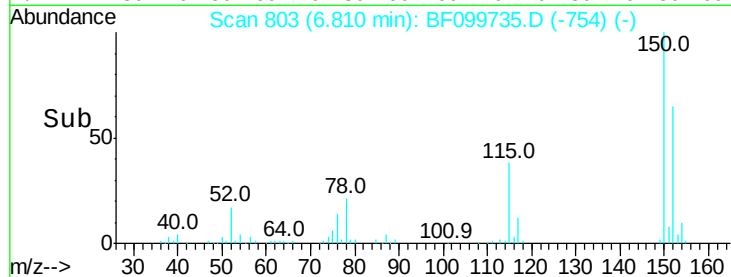
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 91663
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.6 186.8
 115 58.8 50.1 75.1



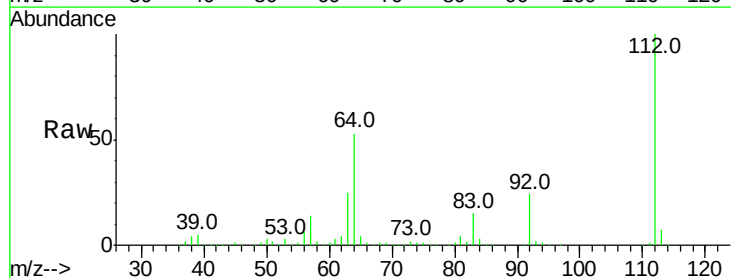
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



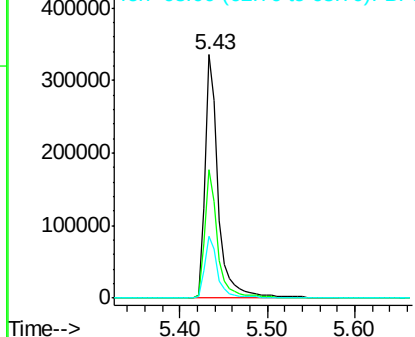
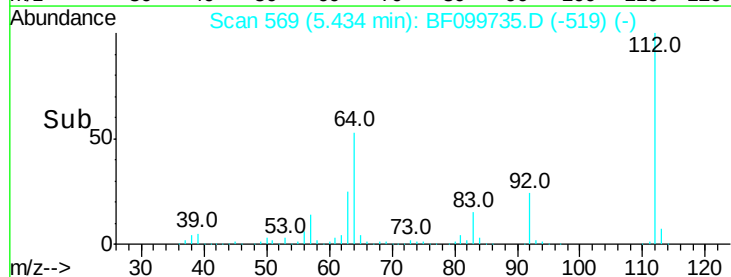
#5

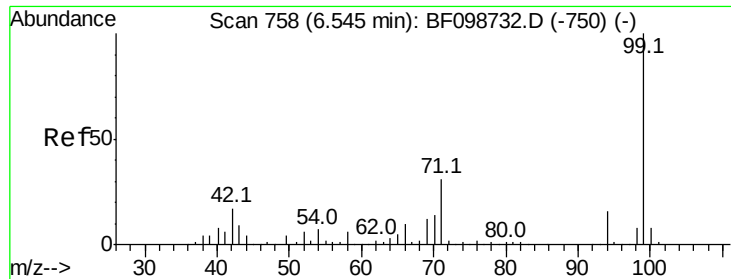
2-Fluorophenol
 Concen: 61.495 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

Tgt Ion:112 Resp: 354094
 Ion Ratio Lower Upper
 112 100
 64 52.5 47.9 71.9
 63 25.2 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: 37.798 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099735.D

Acq: 21 Oct 2017 18:39

Instrument :

BNA_F

ClientSampleId :

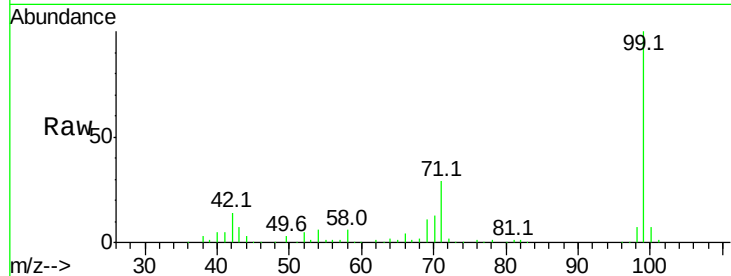
Tot Ion: 99 Resp: 268490

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

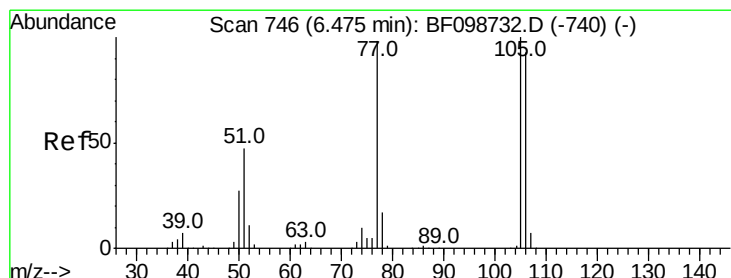
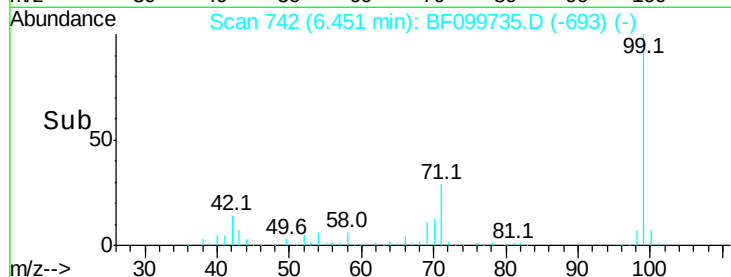
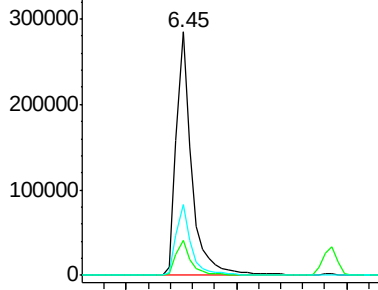
71 28.8 25.4 38.0



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: 2.653 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099735.D

Acq: 21 Oct 2017 18:39

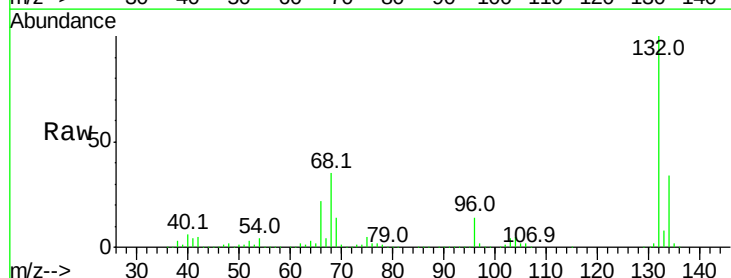
Tgt Ion: 77 Resp: 10930

Ion Ratio Lower Upper

77 100

105 90.8 81.1 121.1

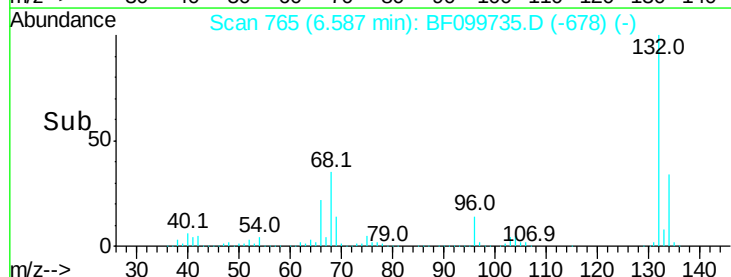
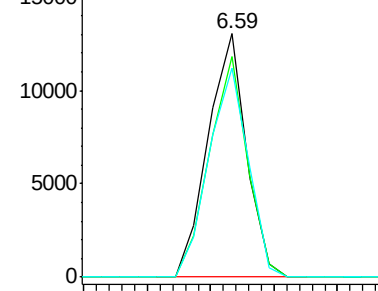
106 86.0 74.5 114.5

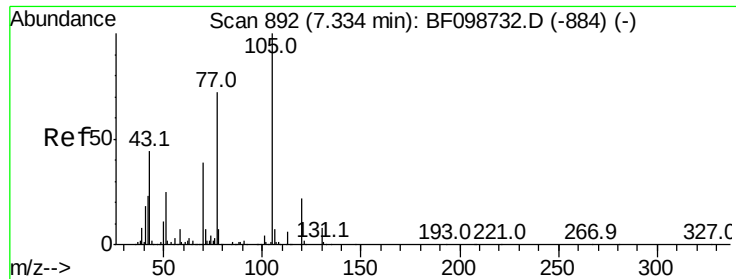


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

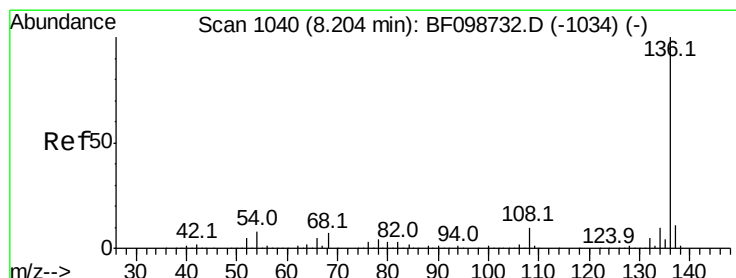
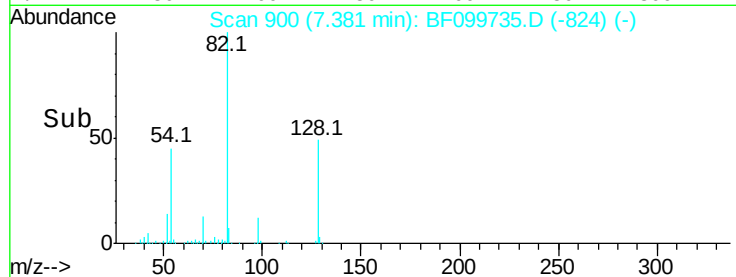
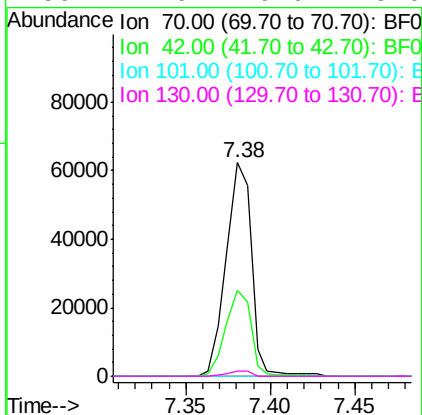
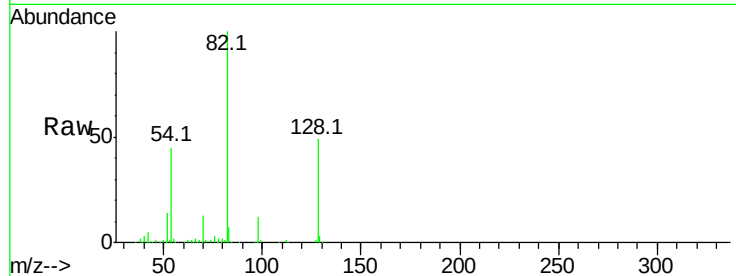




#19
n-Nitroso-di-n-propylamine
Concen: 14.361 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099735.D
Acq: 21 Oct 2017 18:39

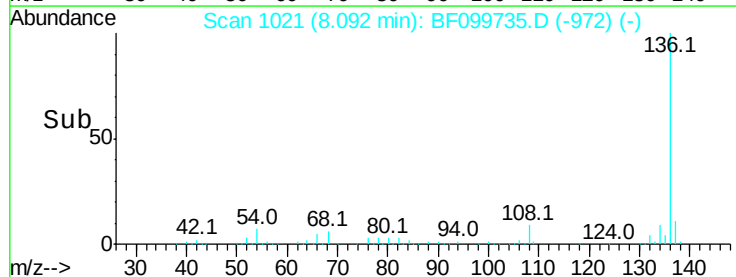
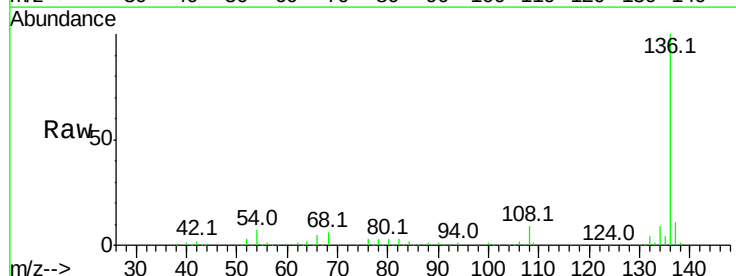
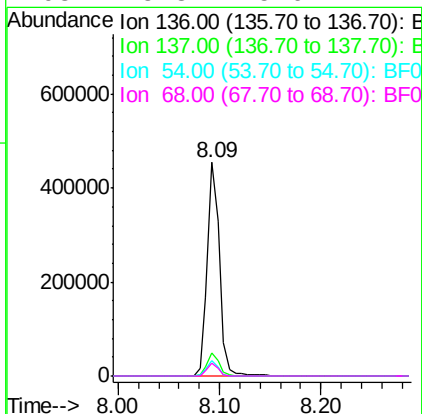
Instrument :
BNA_F
ClientSampleId :

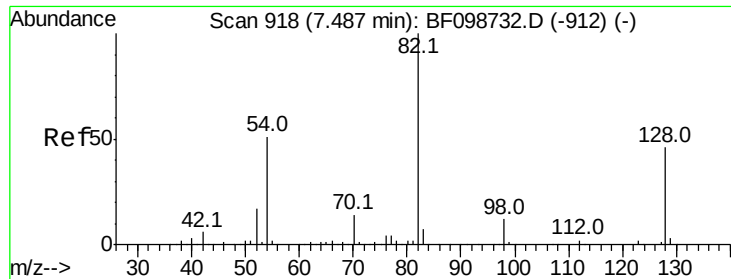
Tot Ion: 70 Resp: 65131
Ion Ratio Lower Upper
70 100
42 40.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099735.D
Acq: 21 Oct 2017 18:39

Tgt Ion: 136 Resp: 380486
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: 87.581 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099735.D

Acq: 21 Oct 2017 18:39

Instrument :

BNA_F

ClientSampleId :

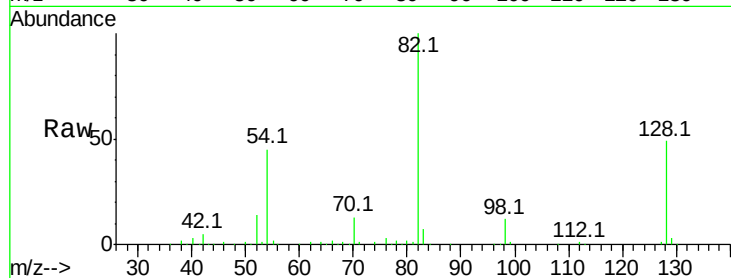
Tot Ion: 82 Resp: 519623

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

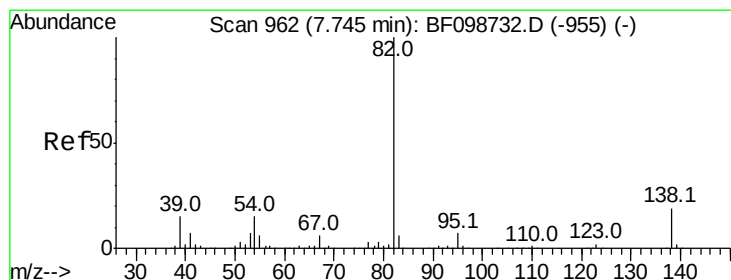
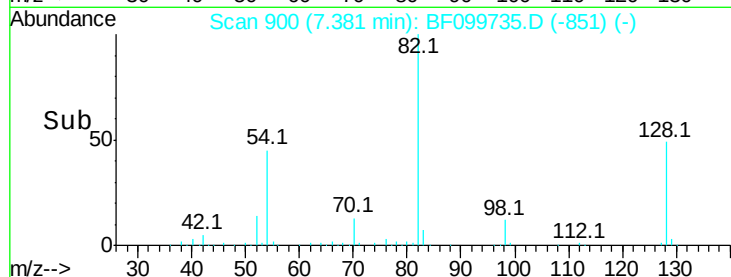
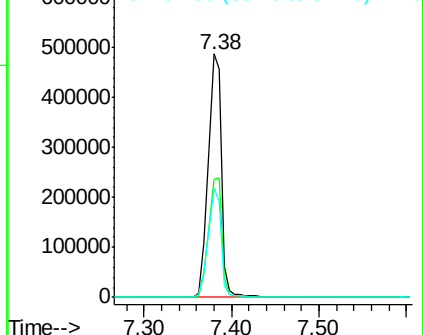
54 44.9 41.4 62.2



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: 42.361 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF099735.D

Acq: 21 Oct 2017 18:39

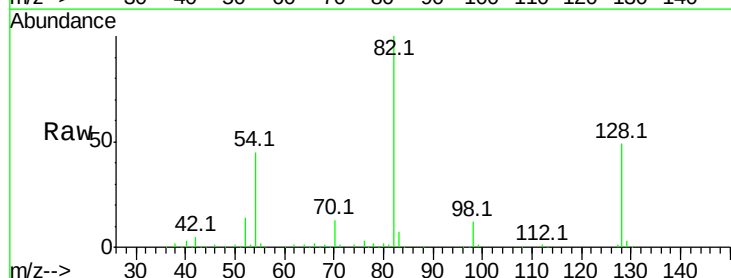
Tgt Ion: 82 Resp: 519623

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

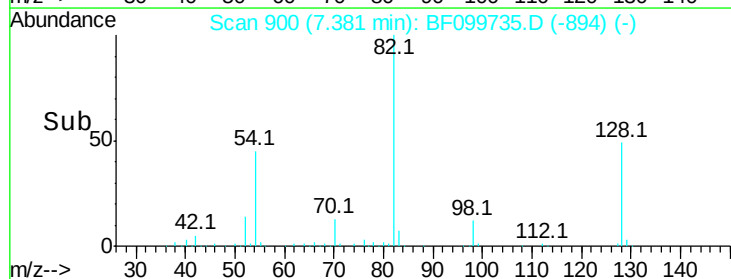
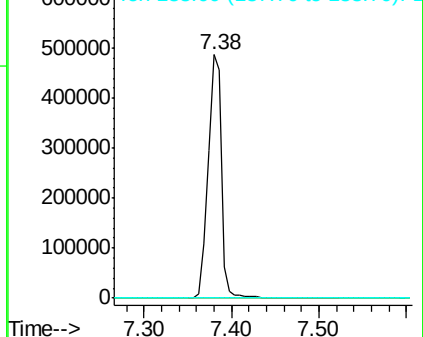
138 0.0 14.9 22.3#

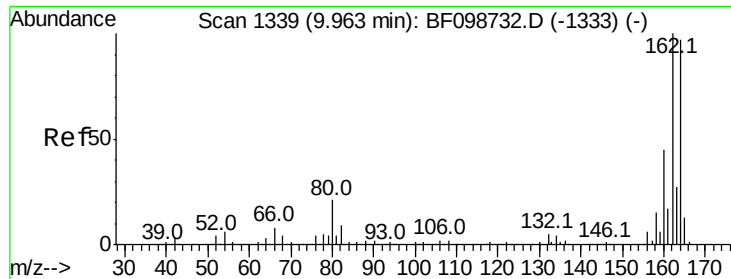


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

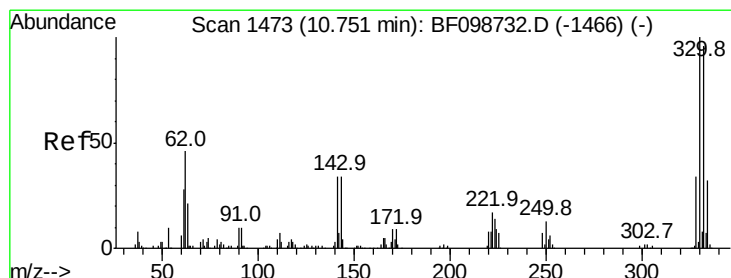
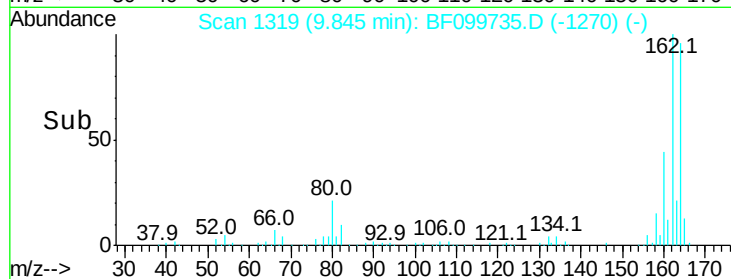
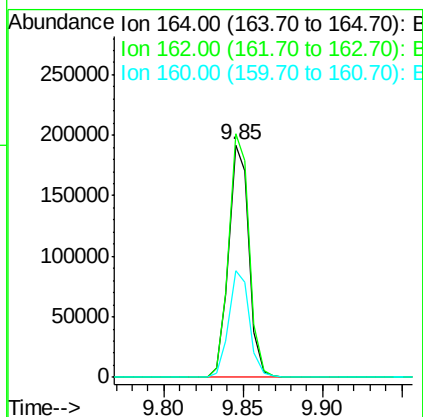
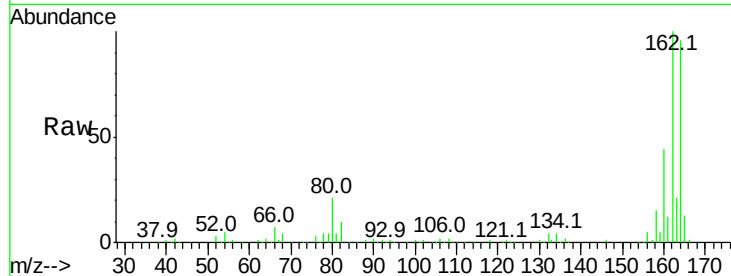




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

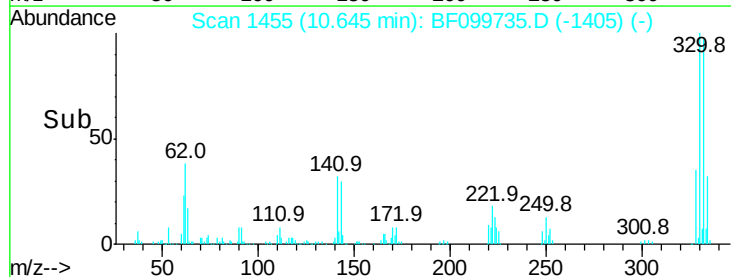
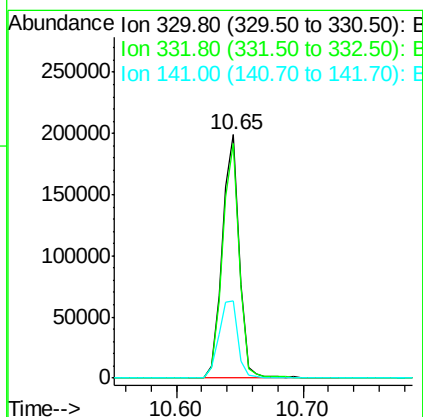
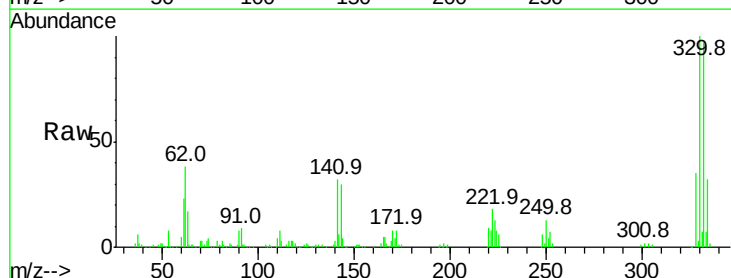
Instrument :
 BNA_F
 ClientSampleId :

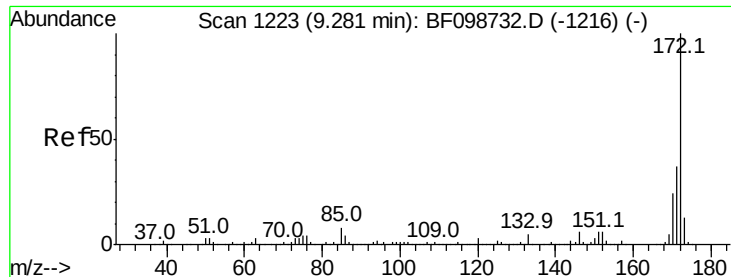
Tot Ion:164 Resp: 170664
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 134.005 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

Tgt Ion:330 Resp: 187137
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 35.5 29.9 44.9



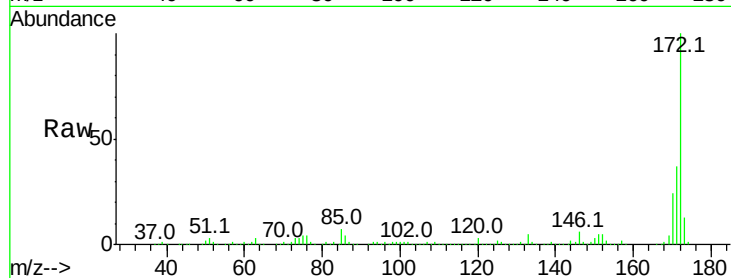


#44
 2-Fluorobiphenyl
 Concen: 99.089 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

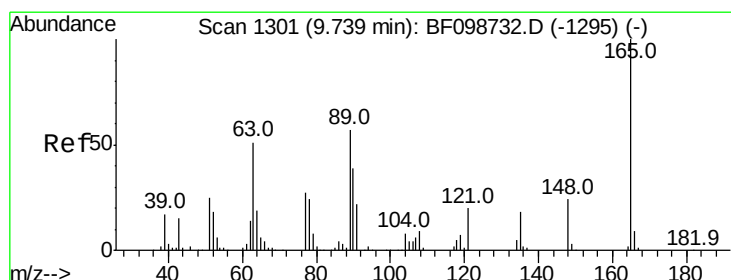
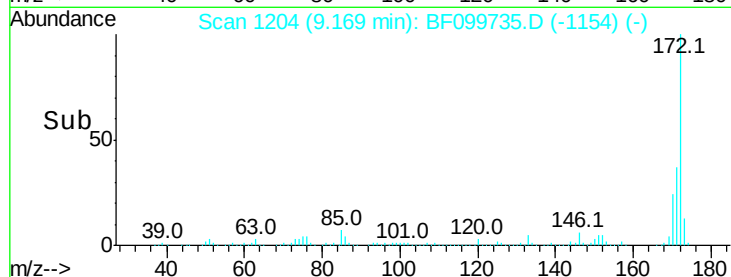
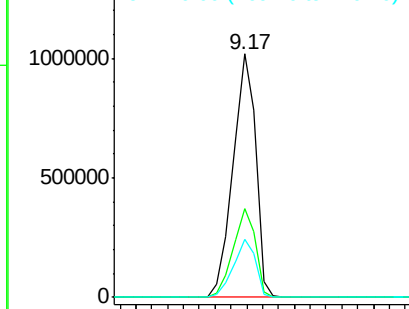
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1012989

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	19.6	29.4



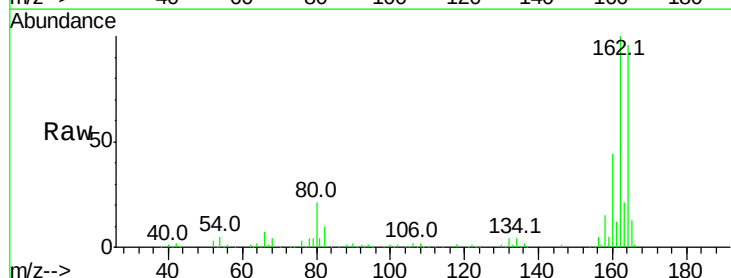
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



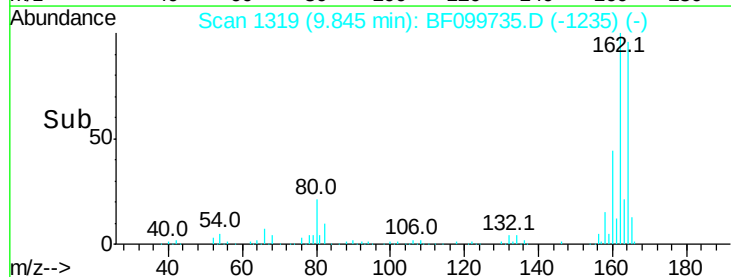
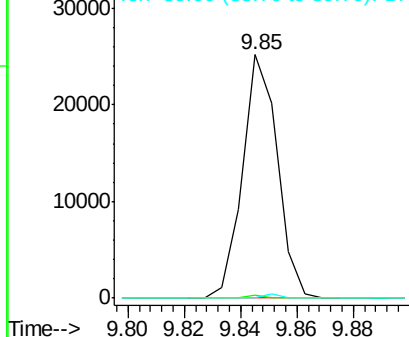
#50
 2,6-Dinitrotoluene
 Concen: 7.646 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.19 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

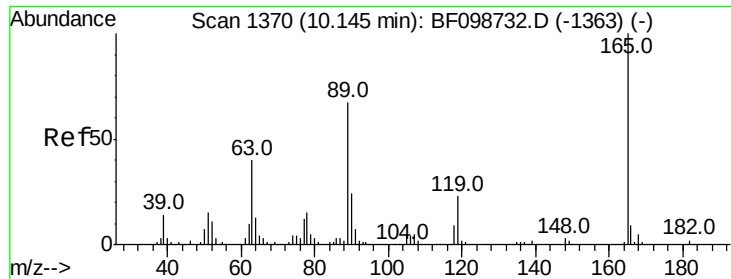
Tgt Ion:165 Resp: 21442

Ion	Ratio	Lower	Upper
165	100		
63	1.3	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

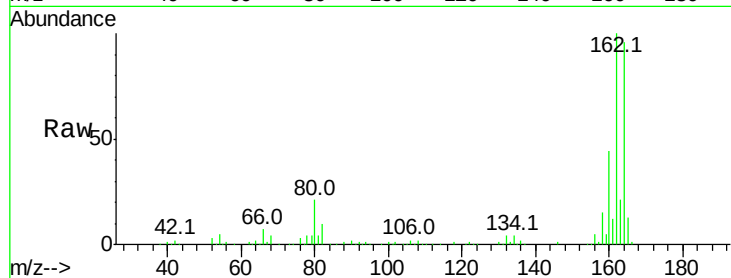




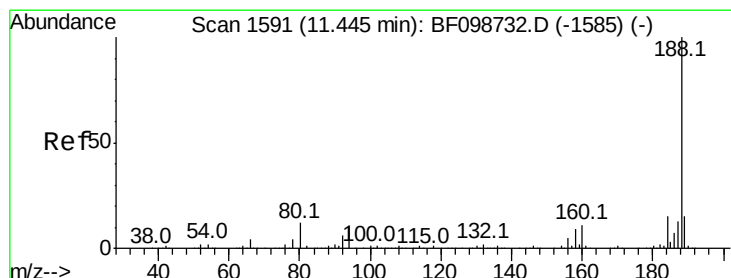
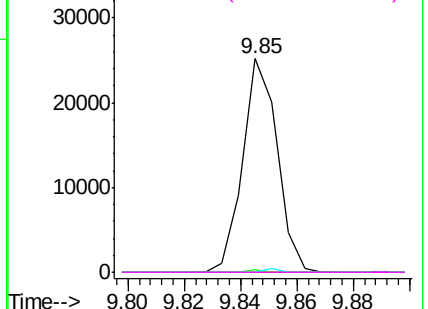
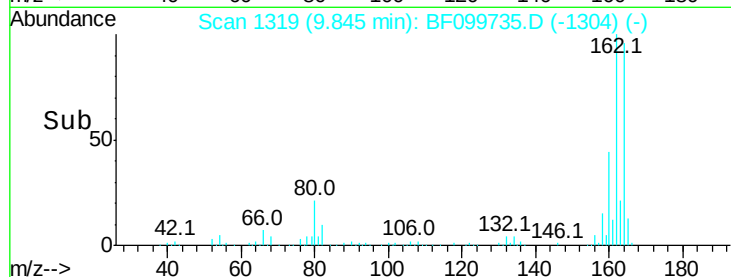
#56
 2,4-Dinitrotoluene
 Concen: 5.892 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp: 21442
Ion Ratio	Lower Upper
165 100	
63 1.3	36.4 54.6#
89 0.0	57.8 86.6#
182 0.0	1.6 2.4#

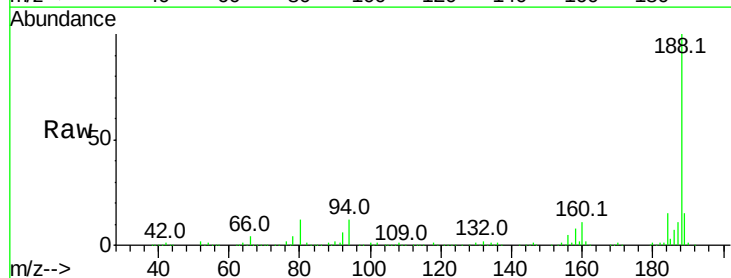


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

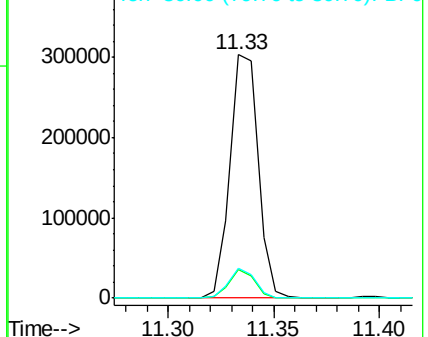
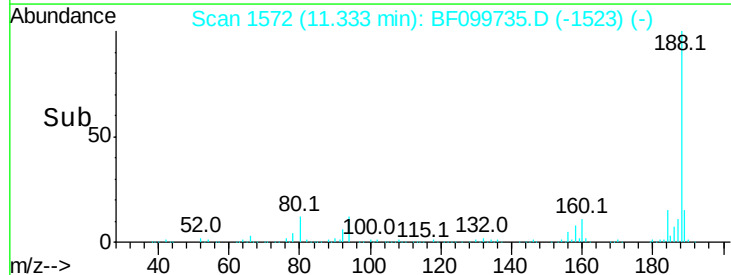


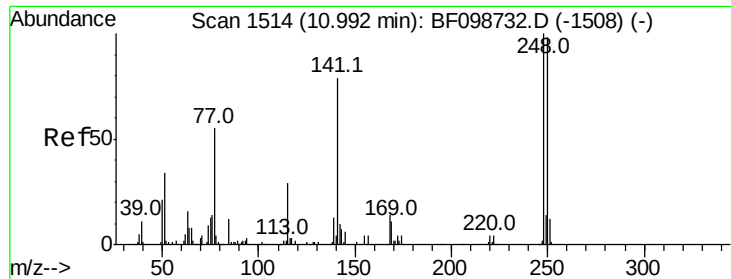
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

Tgt Ion:188	Resp: 279412
Ion Ratio	Lower Upper
188 100	
94 11.6	8.5 12.7
80 12.3	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

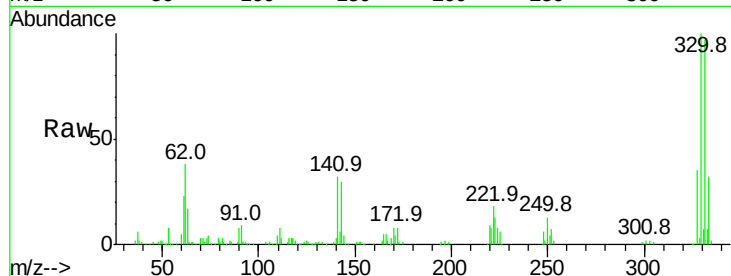




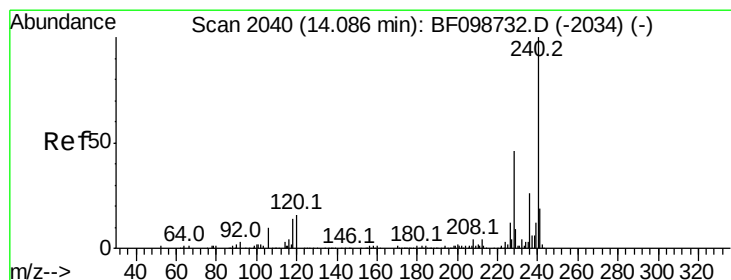
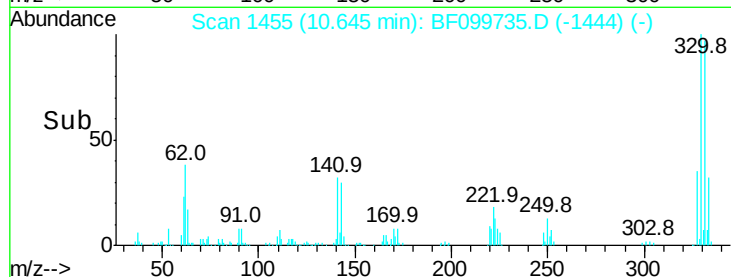
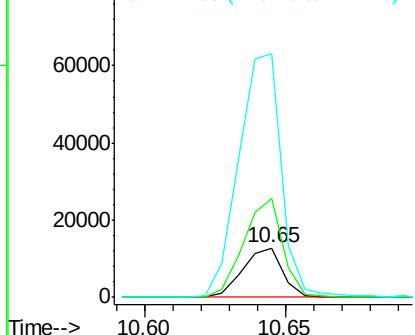
#66
4-Bromophenyl-phenylether
Concen: 4.530 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF099735.D
Acq: 21 Oct 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12389
Ion Ratio Lower Upper
248 100
250 202.5 76.9 115.3#
141 496.3 74.4 111.6#

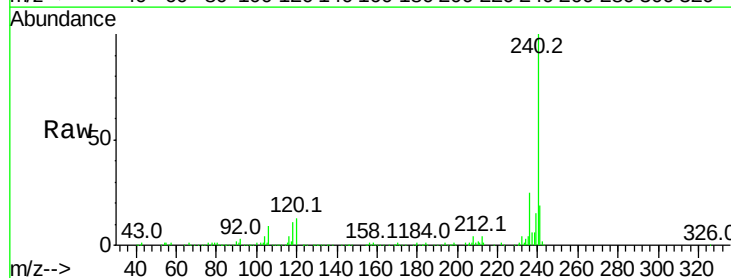


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

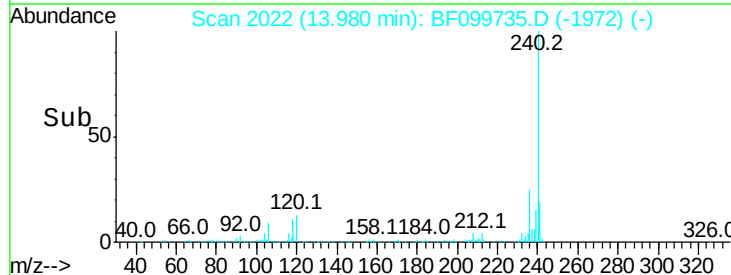
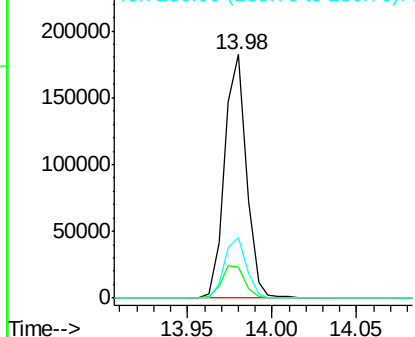


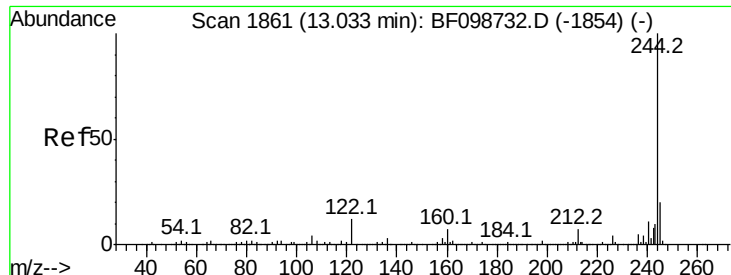
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099735.D
Acq: 21 Oct 2017 18:39

Tgt Ion:240 Resp: 163723
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.0 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

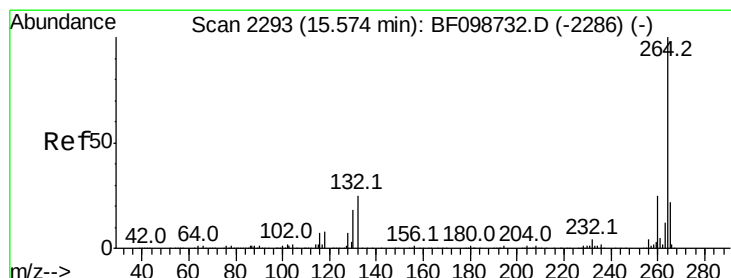
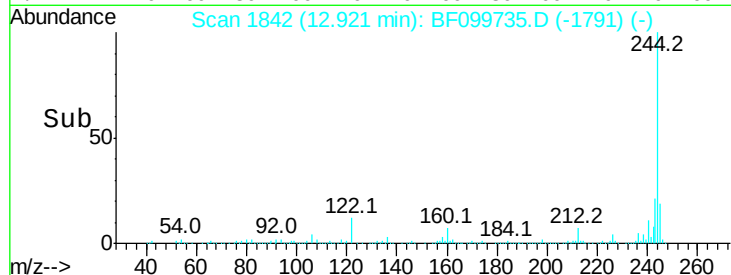
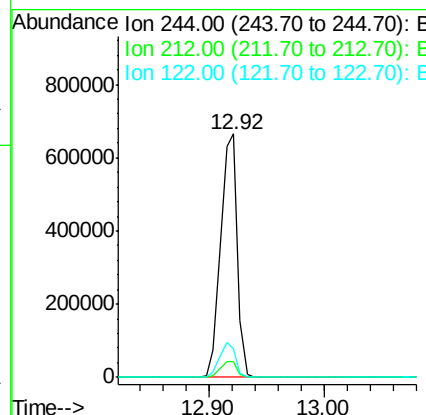
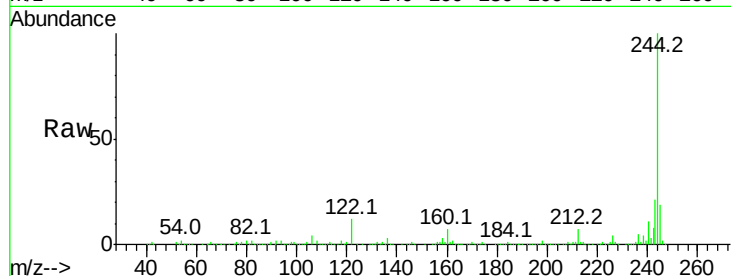




#78
 Terphenyl-d14
 Concen: 91.520 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 658862
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.9 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: BF099735.D
 Acq: 21 Oct 2017 18:39

Tgt Ion:264 Resp: 164431
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.9 17.5 26.3

