

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099499.D
 Acq On : 15 Oct 2017 2:12
 Operator : SJ/JU
 Sample : PB103194BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 03:32:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

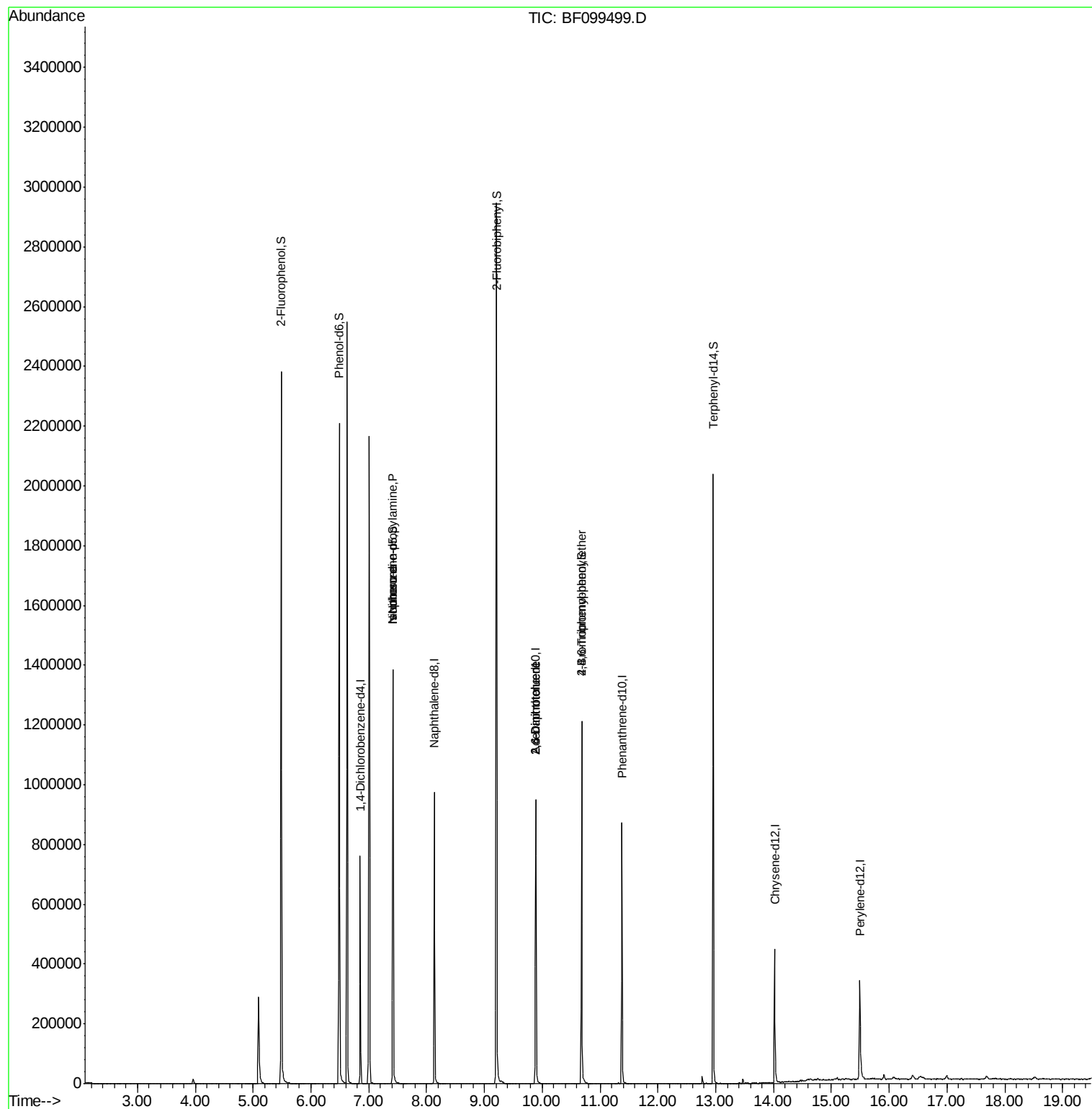
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107624	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	443862	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	197827	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	330491	20.00	ng	0.00
75) Chrysene-d12	14.02	240	175147	20.00	ng	0.00
86) Perylene-d12	15.49	264	175977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	744185	110.07	ng	0.01
7) Phenol-d6	6.49	99	873169	104.70	ng	0.00
23) Nitrobenzene-d5	7.42	82	540620	78.11	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	142388	87.96	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	998807	84.29	ng	0.00
78) Terphenyl-d14	12.96	244	715690	92.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	68501	12.865	ng	# 74
25) Isophorone	7.42	82	540617	37.780	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	24680	7.593	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	24680	5.850	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	9555	2.954	ng	# 1

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

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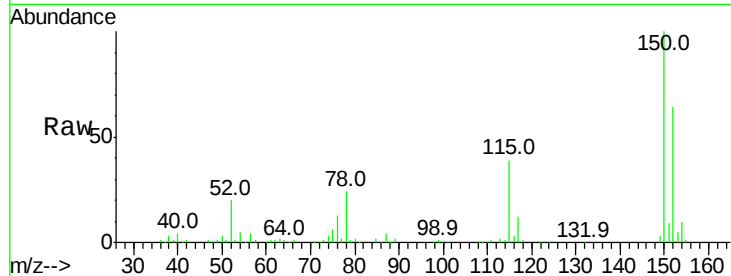


#1

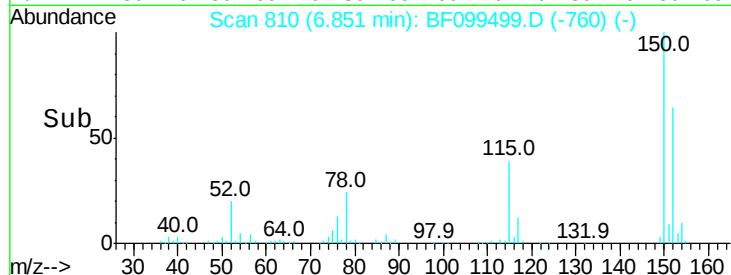
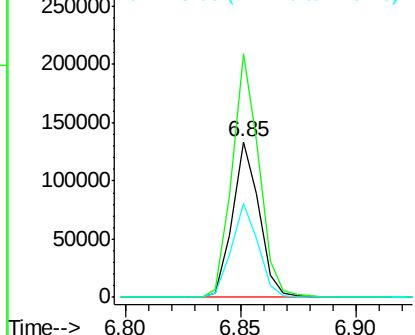
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF099499.D
 Acq: 15 Oct 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 107624
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 60.7 50.1 75.1



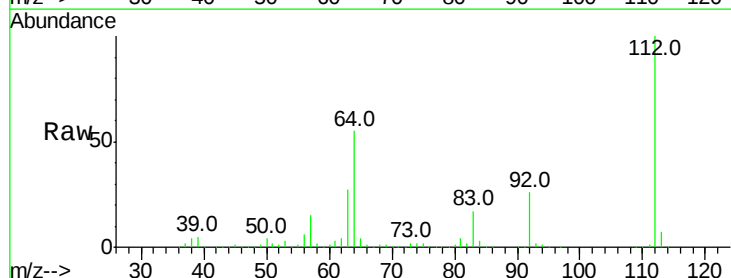
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



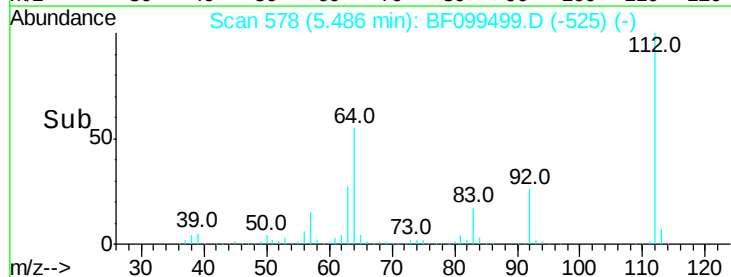
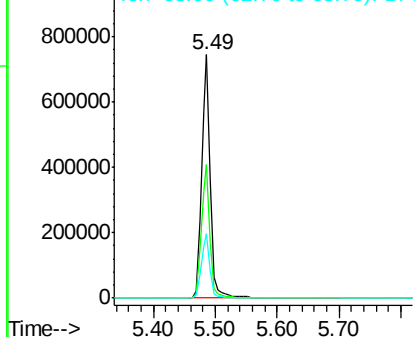
#5

2-Fluorophenol
 Concen: 110.075 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099499.D
 Acq: 15 Oct 2017 2:12

Tgt Ion:112 Resp: 744185
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 26.6 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: 104.695 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

Instrument :

BNA_F

ClientSampleId :

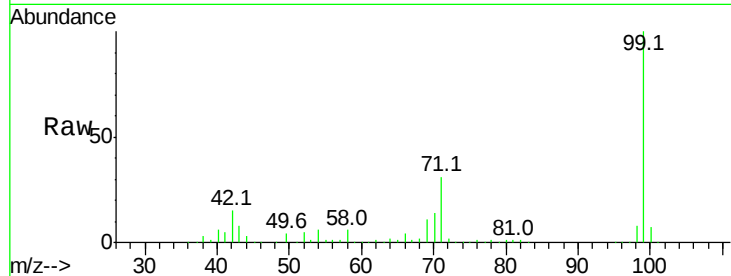
Tot Ion: 99 Resp: 873169

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

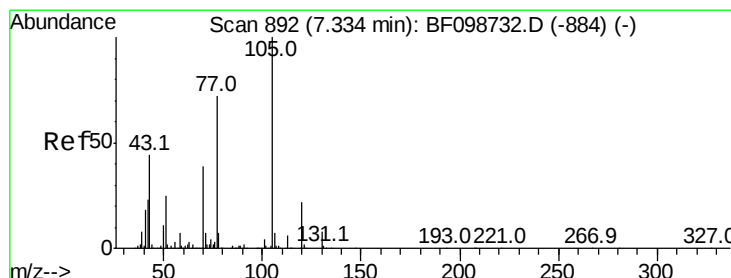
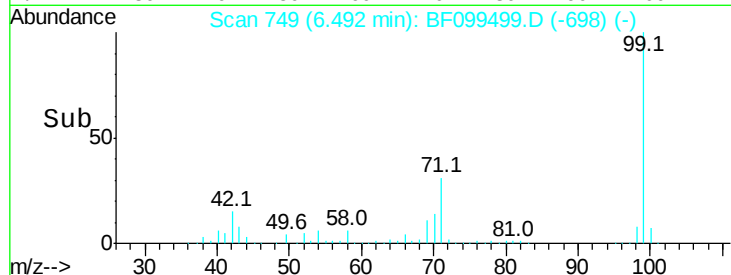
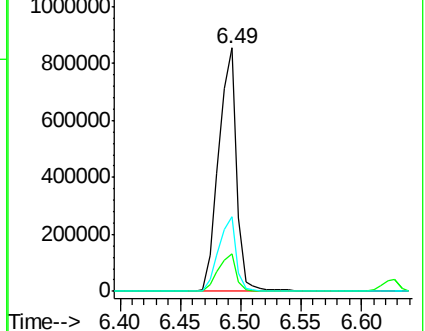
71 30.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.865 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

Tgt Ion: 70 Resp: 68501

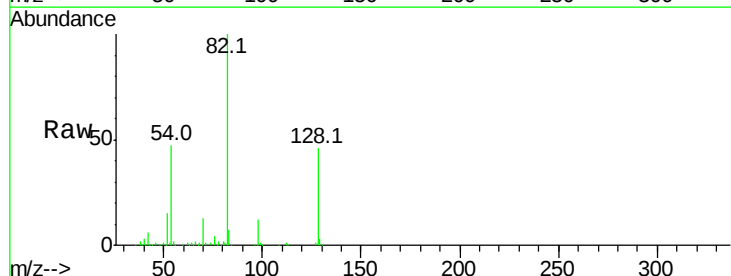
Ion Ratio Lower Upper

70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

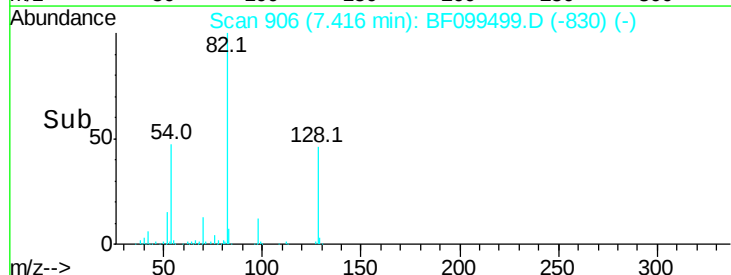
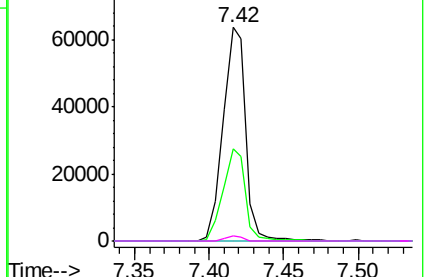


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

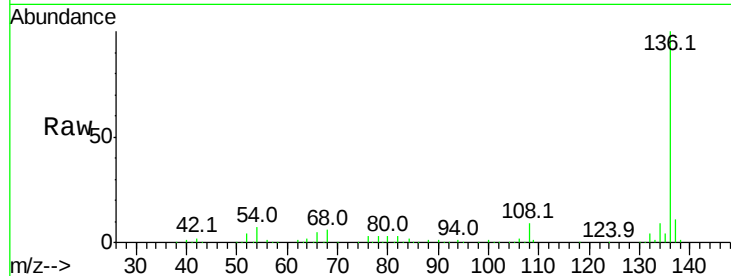




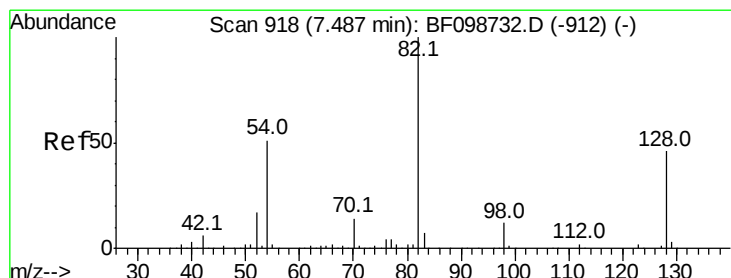
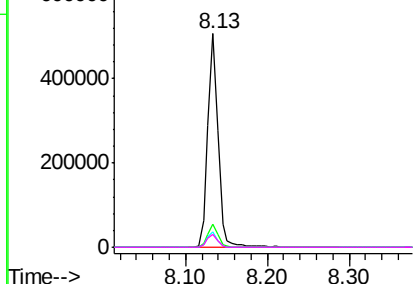
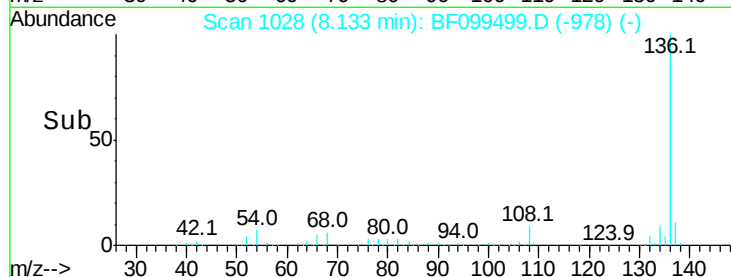
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099499.D
Acq: 15 Oct 2017 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	443862
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.9	5.0	7.4

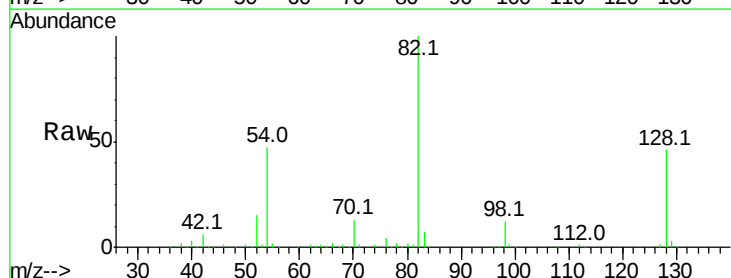


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

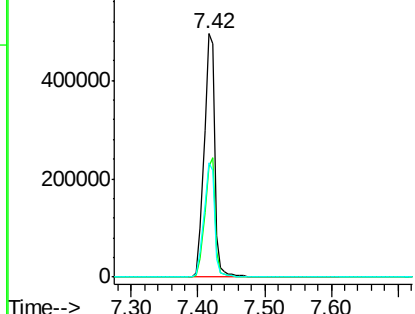
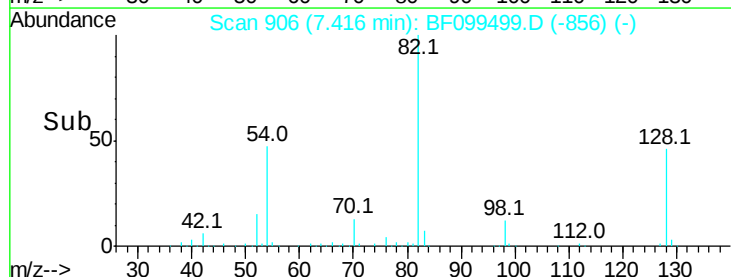


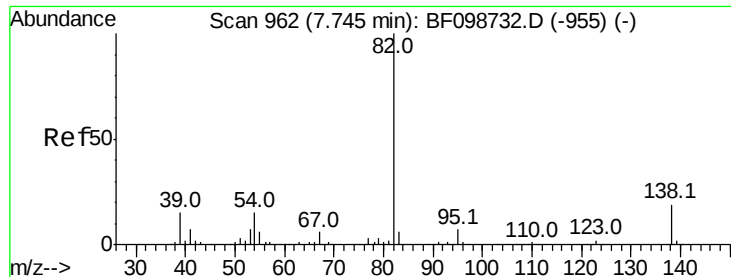
#23
Nitrobenzene-d5
Concen: 78.110 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099499.D
Acq: 15 Oct 2017 2:12

Tgt Ion:	82	Resp:	540620
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	47.0	41.4	62.2



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





#25

Isophorone

Concen: 37.780 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

Instrument :

BNA_F

ClientSampleId :

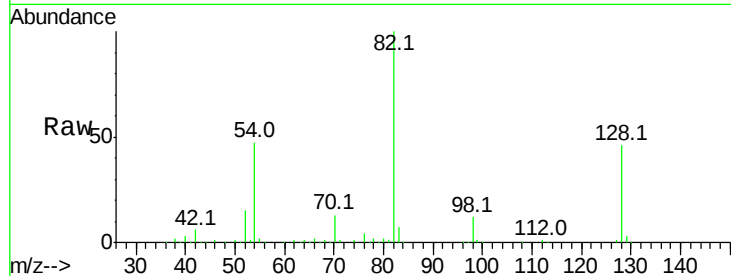
Tot Ion: 82 Resp: 540617

Ion Ratio Lower Upper

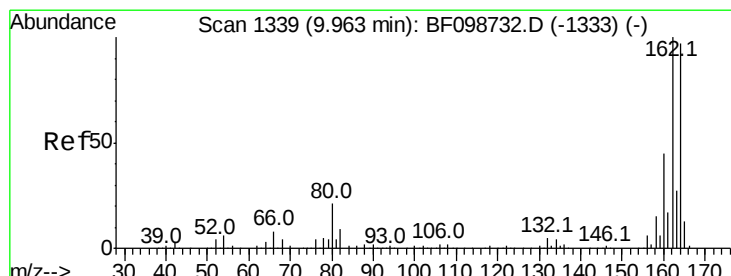
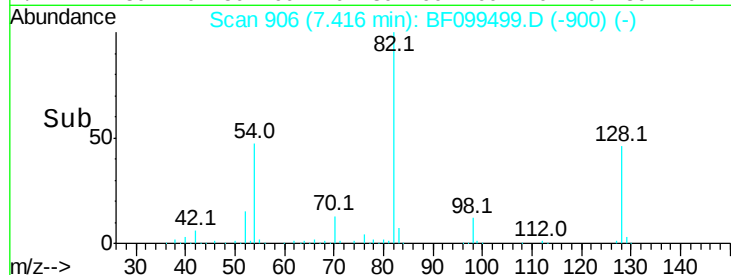
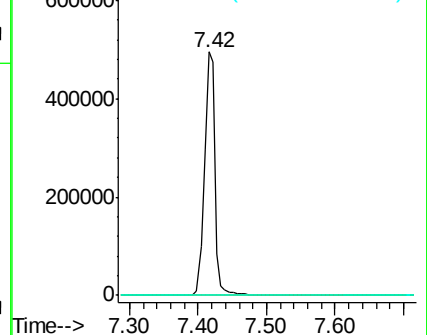
82 100

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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

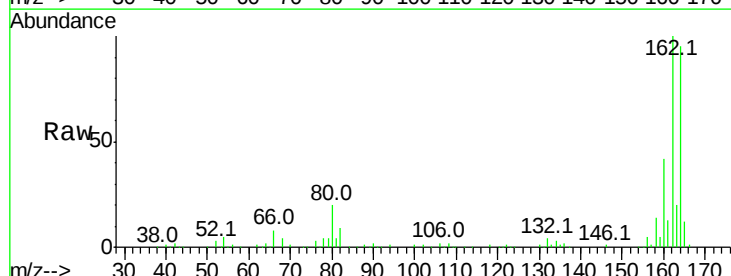
Tgt Ion: 164 Resp: 197827

Ion Ratio Lower Upper

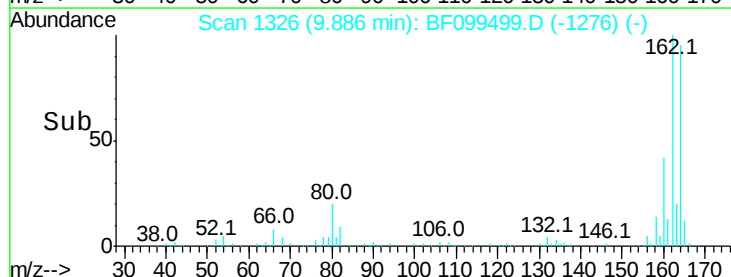
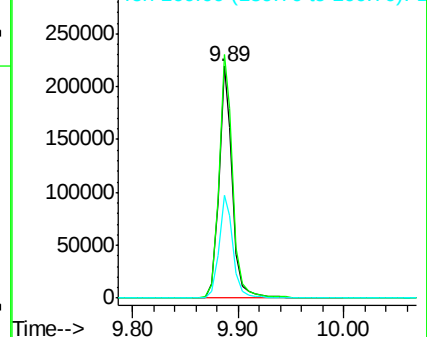
164 100

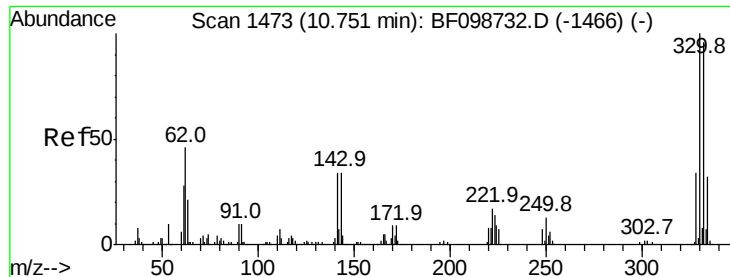
162 104.9 86.1 129.1

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

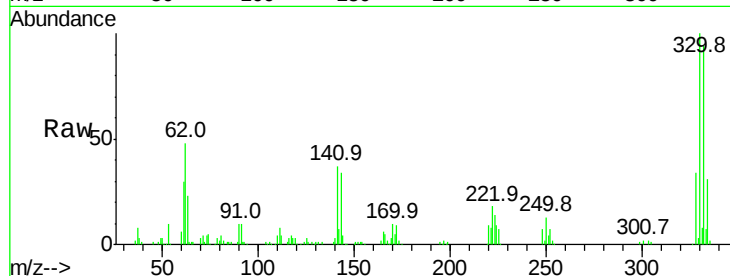




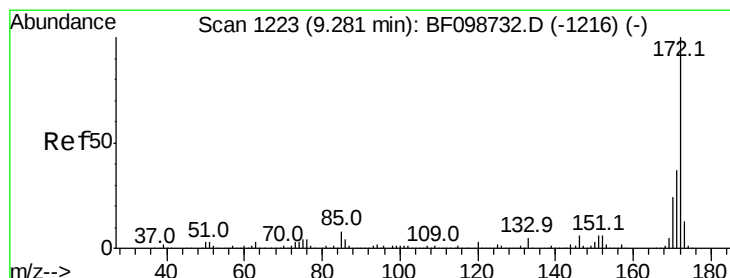
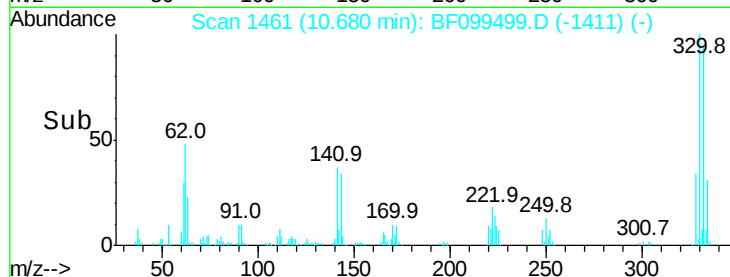
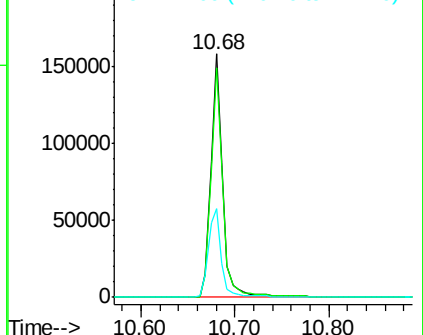
#41
 2,4,6-Tribromophenol
 Concen: 87.961 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099499.D
 Acq: 15 Oct 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	40.0	29.9	44.9

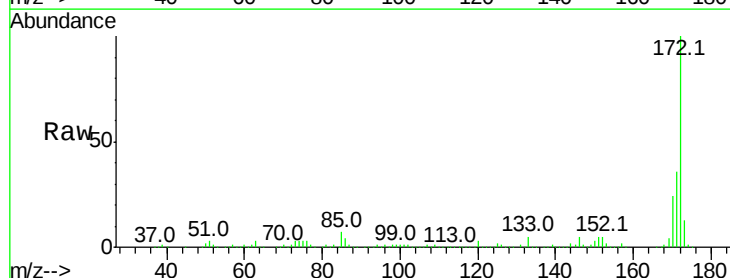


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

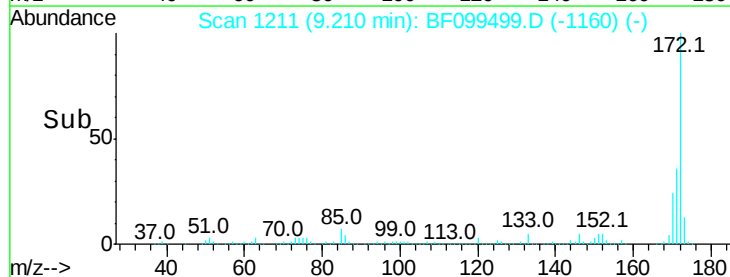
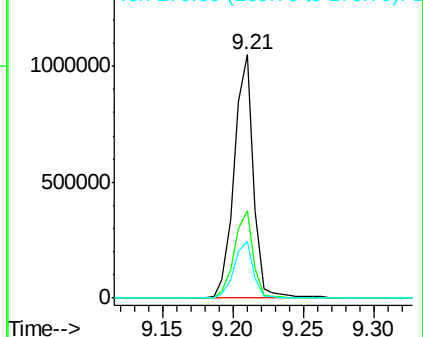


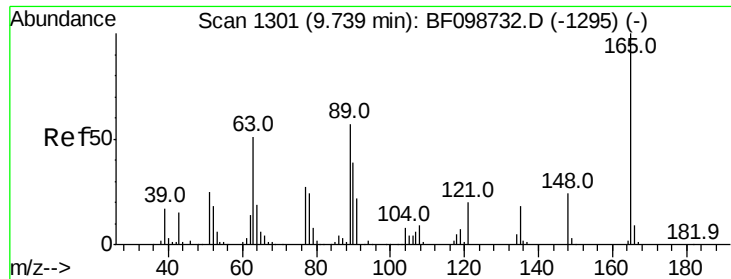
#44
 2-Fluorobiphenyl
 Concen: 84.287 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099499.D
 Acq: 15 Oct 2017 2:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	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

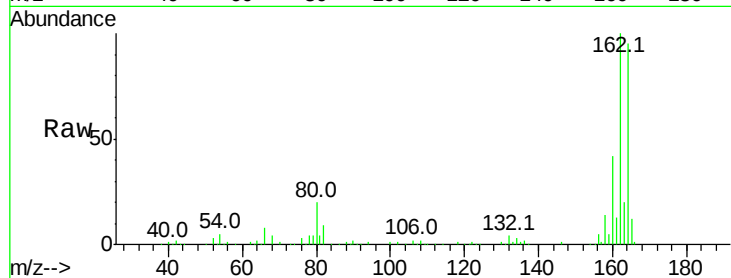




#50
 2,6-Dinitrotoluene
 Concen: 7.593 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099499.D
 Acq: 15 Oct 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :

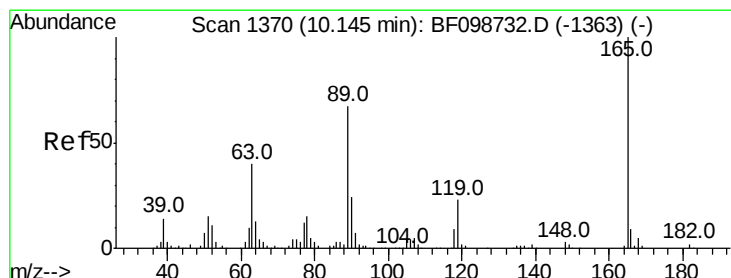
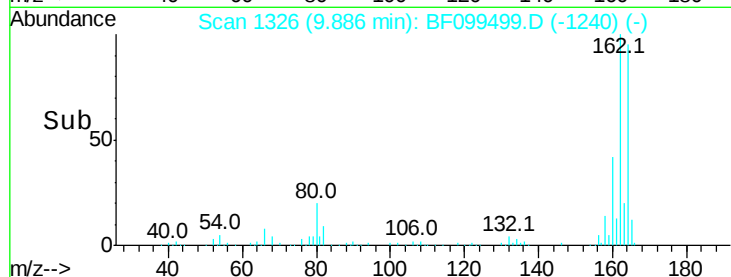
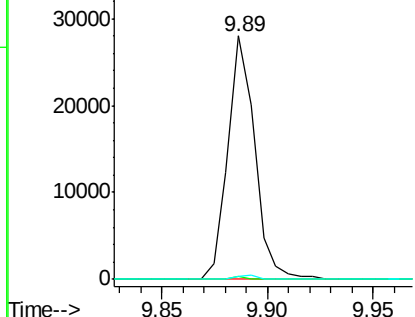
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.2	44.0	66.0#



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: 5.850 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099499.D
 Acq: 15 Oct 2017 2:12

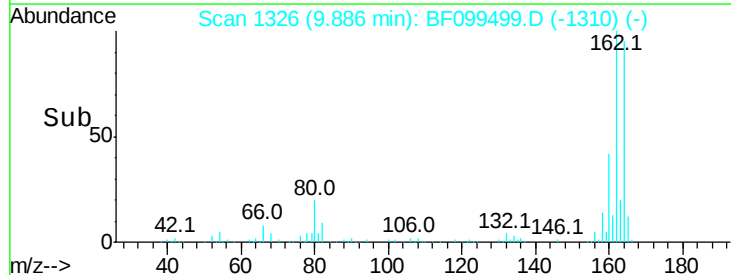
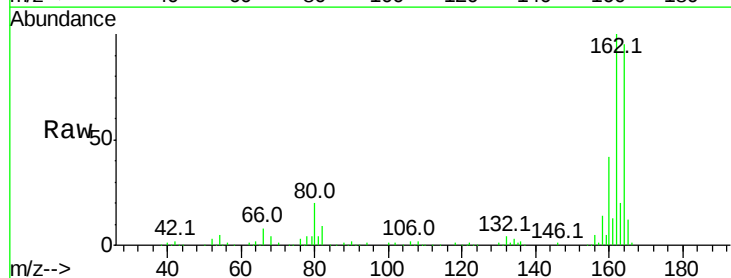
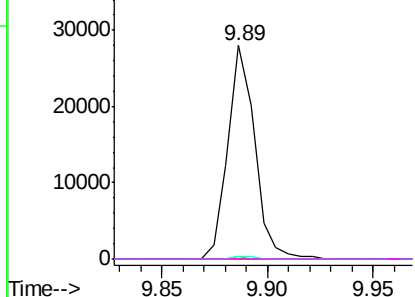
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

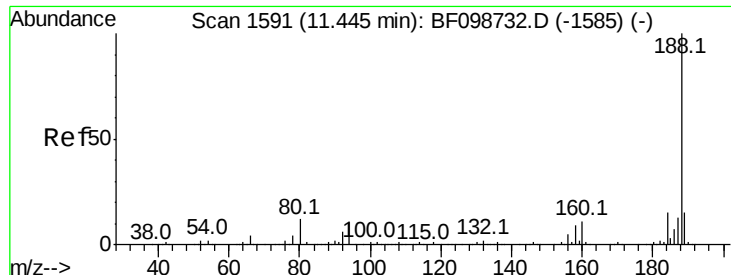
Abundance Ion 165.00 (164.70 to 165.70): E

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

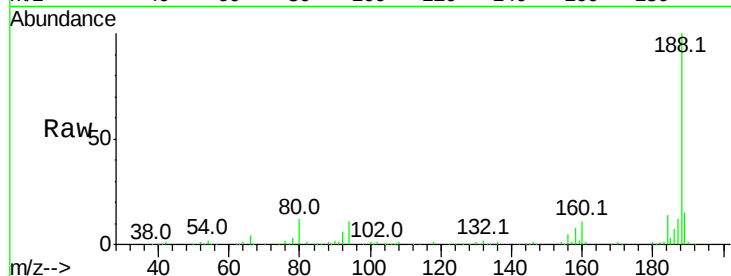




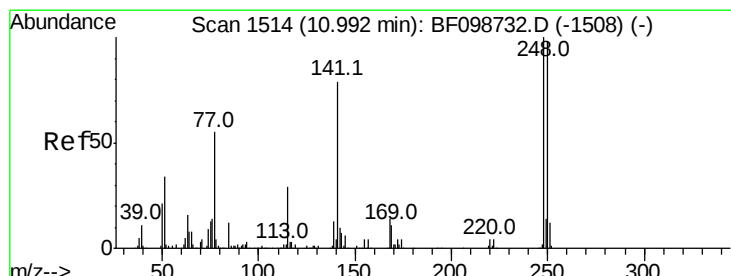
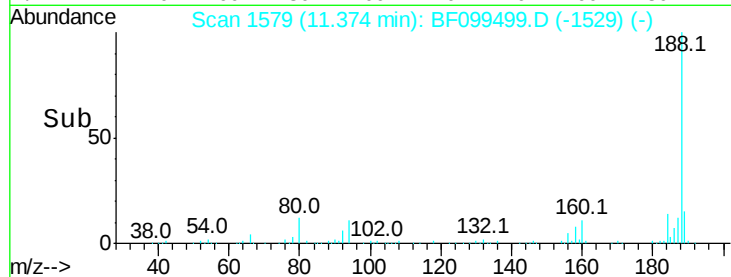
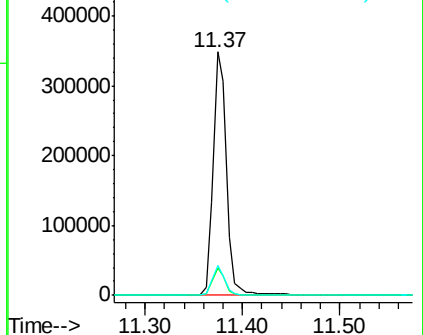
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099499.D
Acq: 15 Oct 2017 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 330491
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.4 9.2 13.8

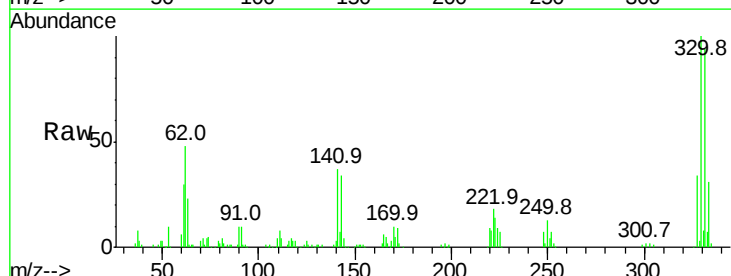


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

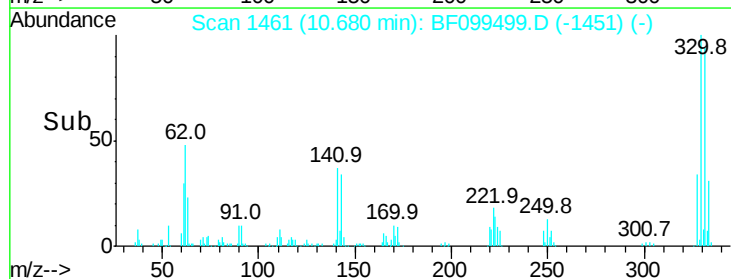
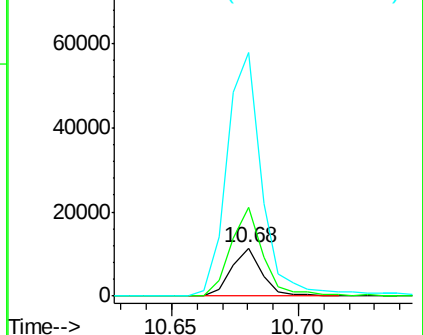


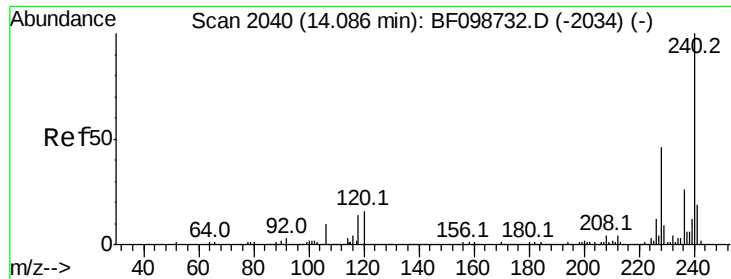
#66
4-Bromophenyl-phenylether
Concen: 2.954 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099499.D
Acq: 15 Oct 2017 2:12

Tgt Ion:248 Resp: 9555
Ion Ratio Lower Upper
248 100
250 185.5 76.9 115.3#
141 509.4 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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

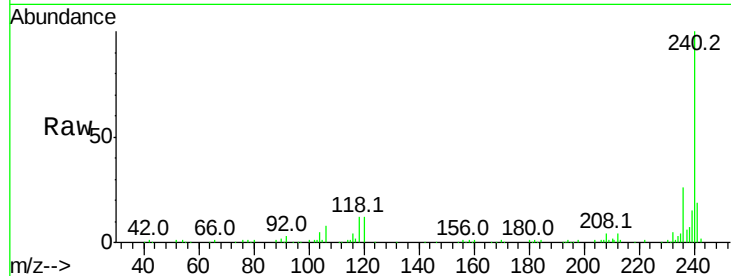
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 175147

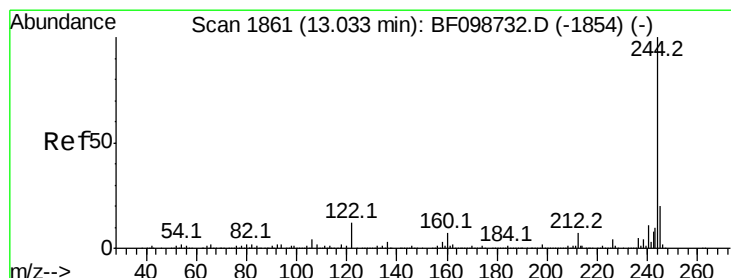
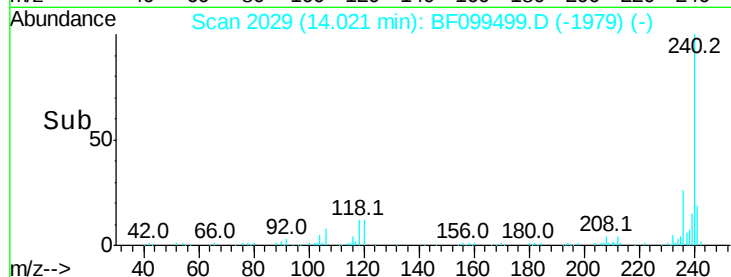
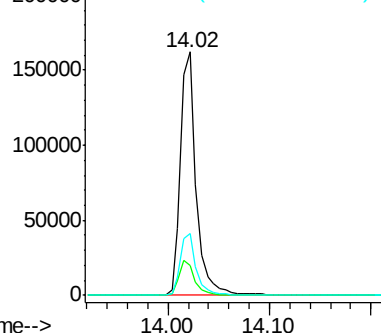
Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.7	20.7	31.1



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: 92.929 ng

RT: 12.96 min Scan# 1849

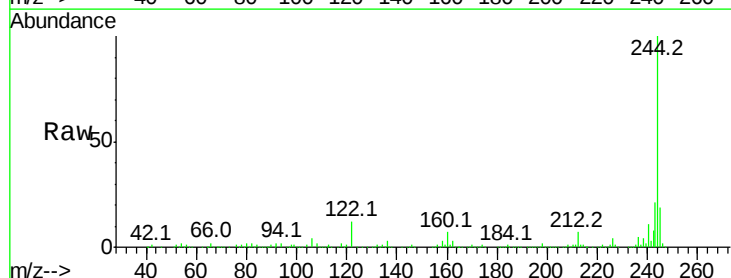
Delta R.T. -0.00 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

Tgt Ion:244 Resp: 715690

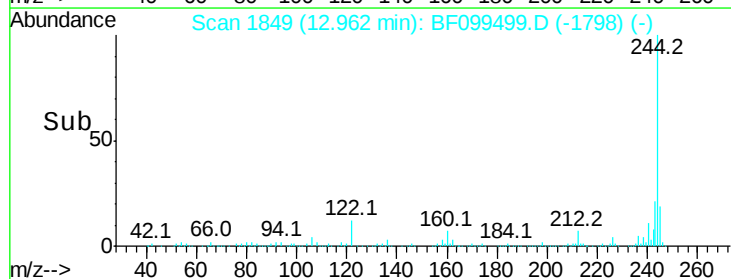
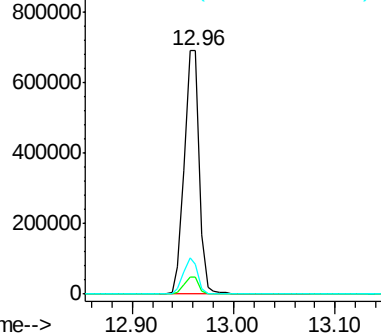
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.2	11.0	16.4

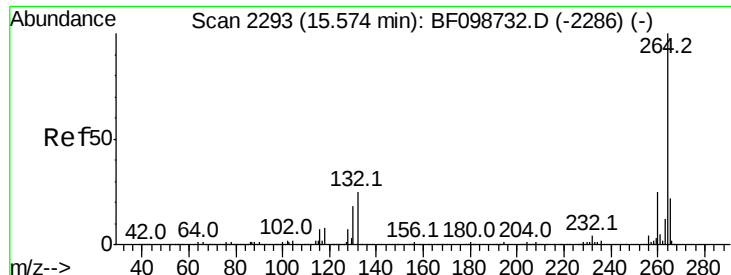


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

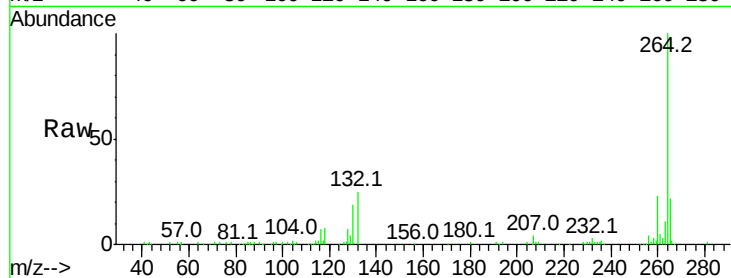




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF099499.D
Acq: 15 Oct 2017 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	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

