

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099473.D
 Acq On : 14 Oct 2017 13:31
 Operator : SJ/JU
 Sample : I5819-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:02:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

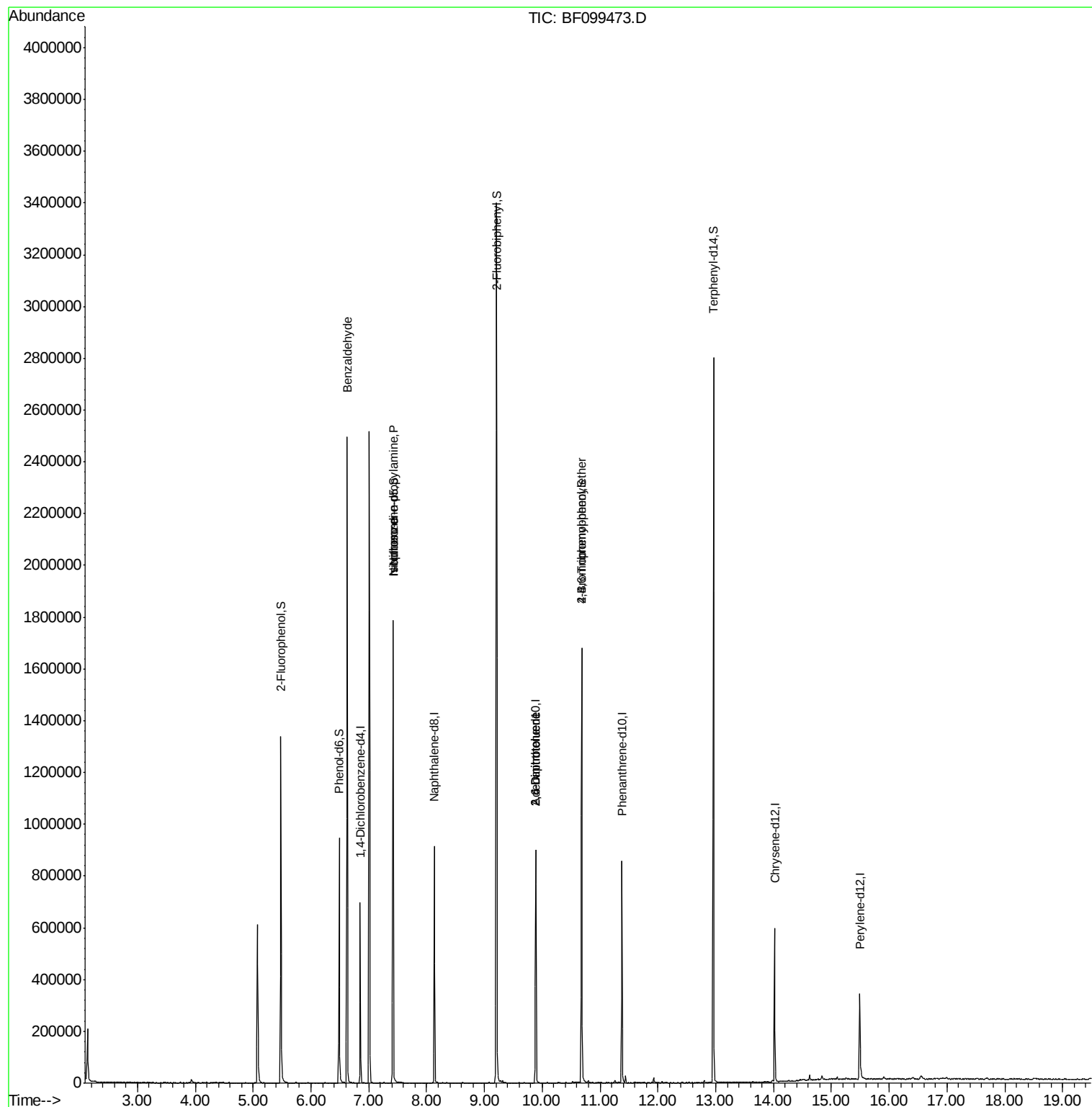
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	98285	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	401715	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	183250	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	316609	20.00	ng	0.00
75) Chrysene-d12	14.02	240	205375	20.00	ng	0.00
86) Perylene-d12	15.49	264	158272	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	423236	68.55	ng	0.01
7) Phenol-d6	6.49	99	324609	42.62	ng	0.00
23) Nitrobenzene-d5	7.42	82	639607	102.11	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	213443	142.34	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1161039	105.77	ng	0.00
78) Terphenyl-d14	12.96	244	991346	109.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	14063	3.183	ng	86
19) n-Nitroso-di-n-propylamine	7.42	70	81966	16.856	ng	# 74
25) Isophorone	7.42	82	639602	49.386	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	23041	7.652	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	23041	5.896	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	13901	4.486	ng	# 1

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

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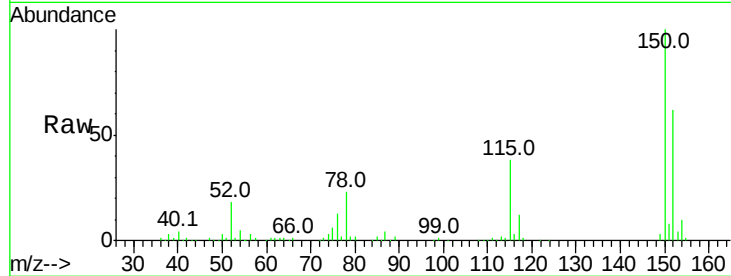


#1

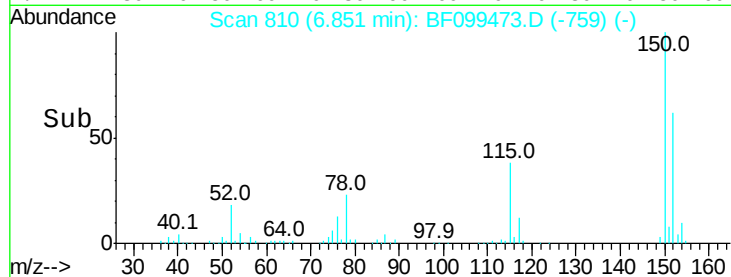
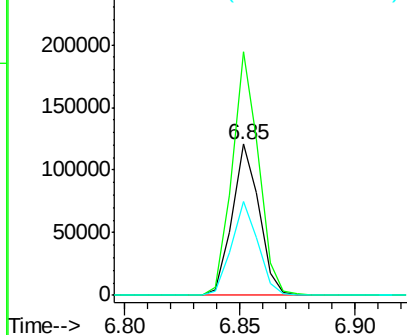
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099473.D
Acq: 14 Oct 2017 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98285
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 61.7 50.1 75.1



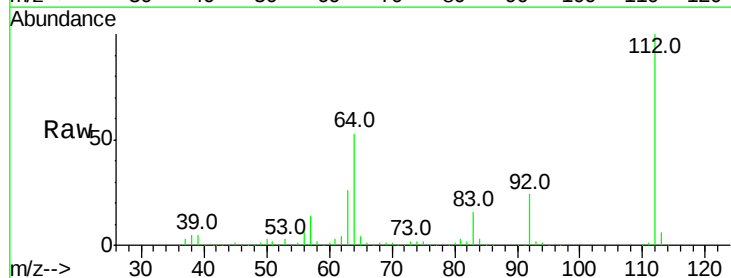
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



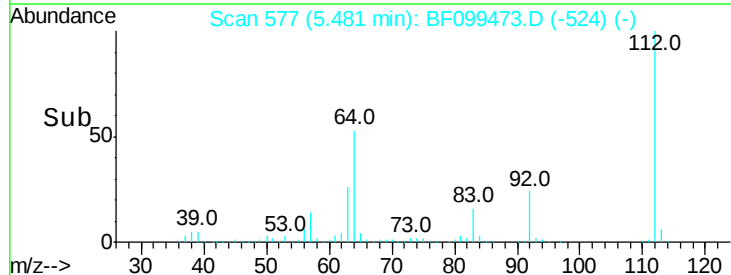
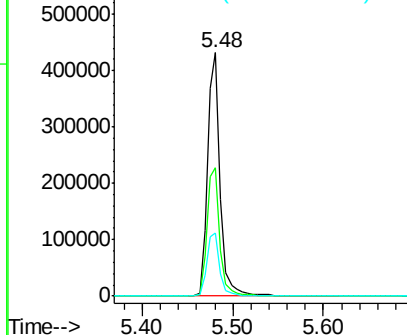
#5

2-Fluorophenol
Concen: 68.551 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099473.D
Acq: 14 Oct 2017 13:31

Tgt Ion:112 Resp: 423236
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 25.7 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: 42.620 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099473.D

Acq: 14 Oct 2017 13:31

Instrument :

BNA_F

ClientSampleId :

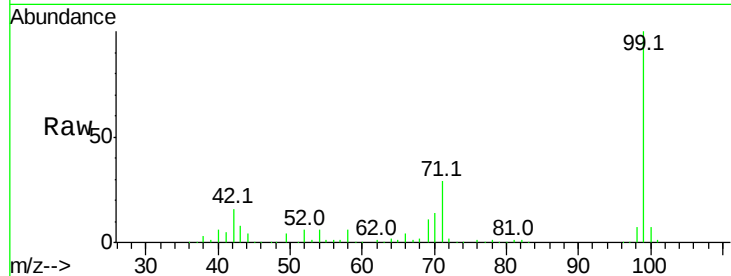
Tot Ion: 99 Resp: 324609

Ion Ratio Lower Upper

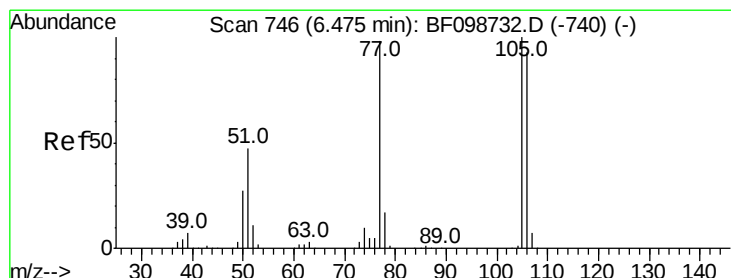
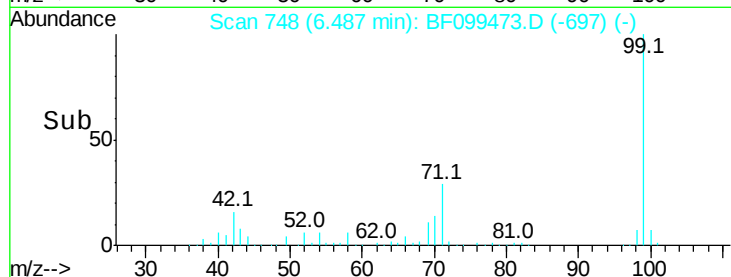
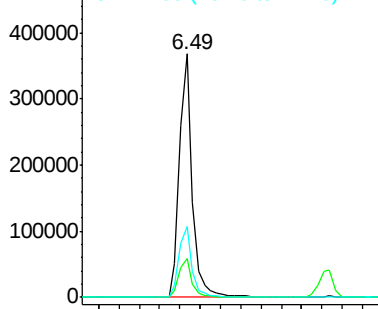
99 100

42 15.7 14.5 21.7

71 29.3 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: 3.183 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099473.D

Acq: 14 Oct 2017 13:31

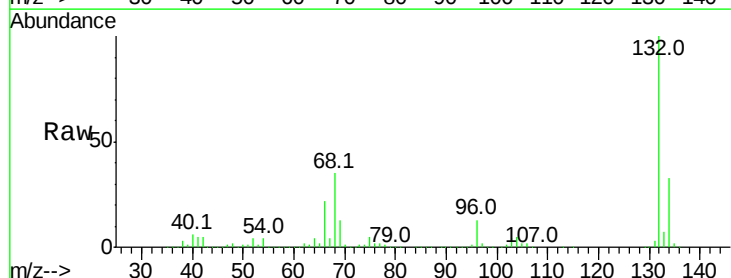
Tgt Ion: 77 Resp: 14063

Ion Ratio Lower Upper

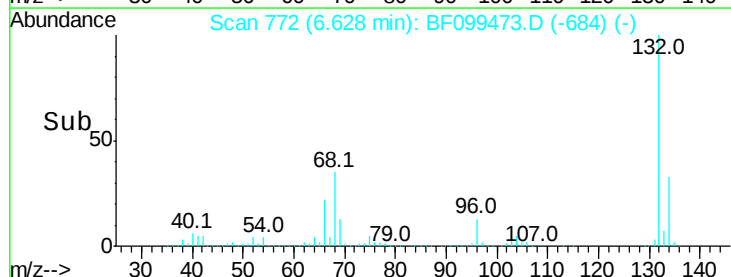
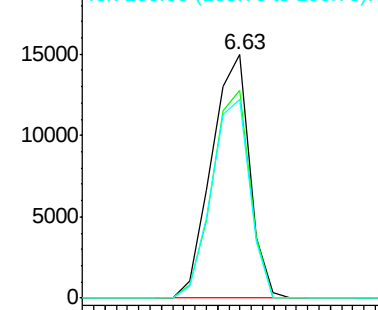
77 100

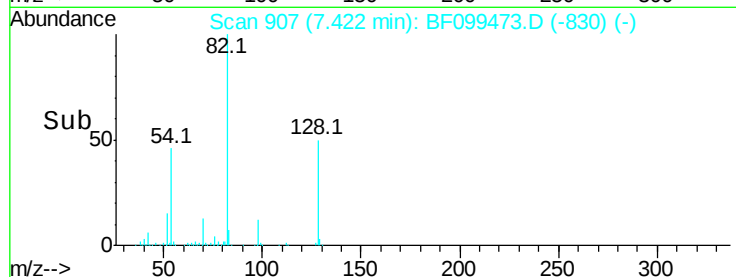
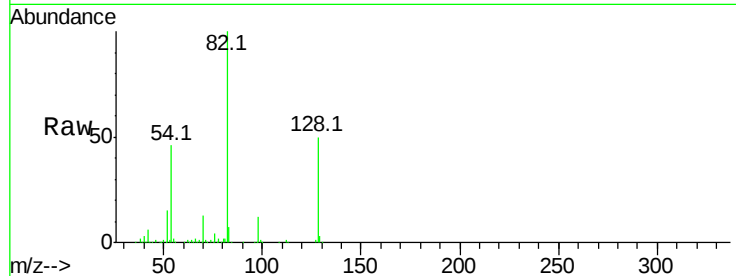
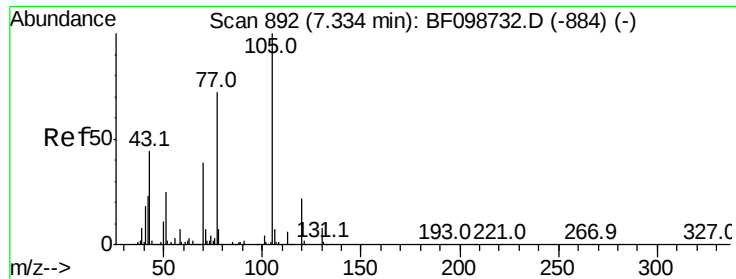
105 85.5 81.1 121.1

106 81.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

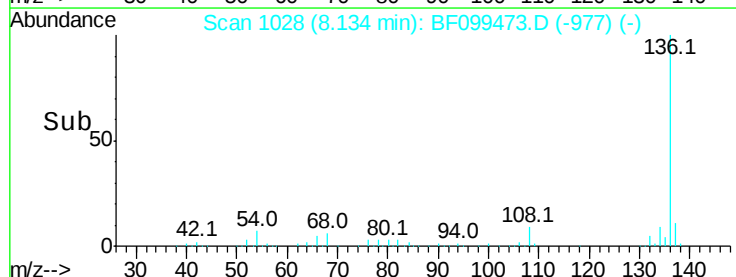
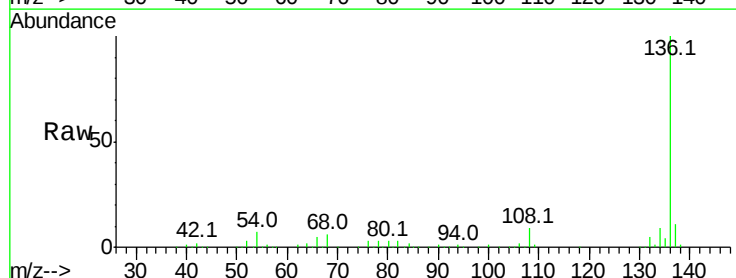
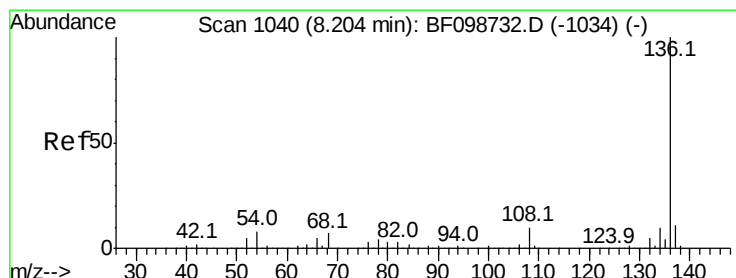
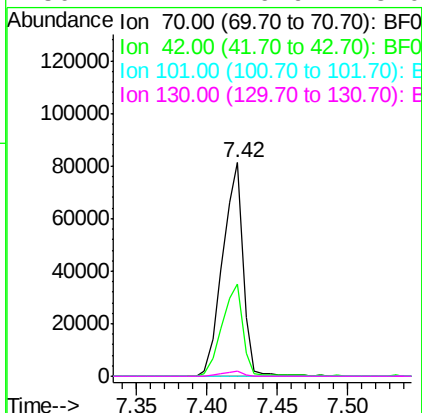




#19
n-Nitroso-di-n-propylamine
Concen: 16.856 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099473.D
Acq: 14 Oct 2017 13:31

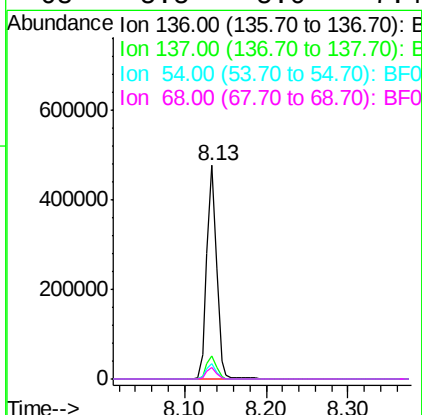
Instrument :
BNA_F
ClientSampleId :

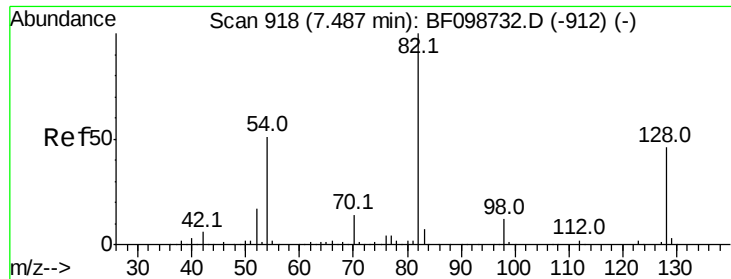
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099473.D
Acq: 14 Oct 2017 13:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	6.6	9.8
68	5.5	5.0	7.4

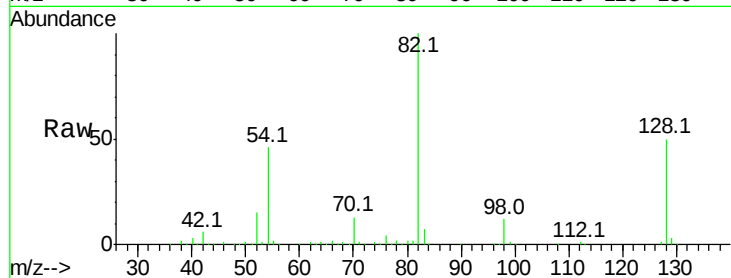




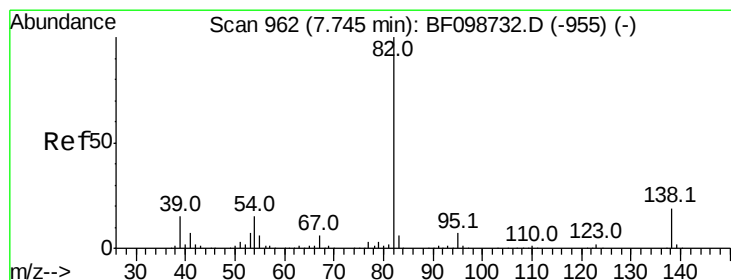
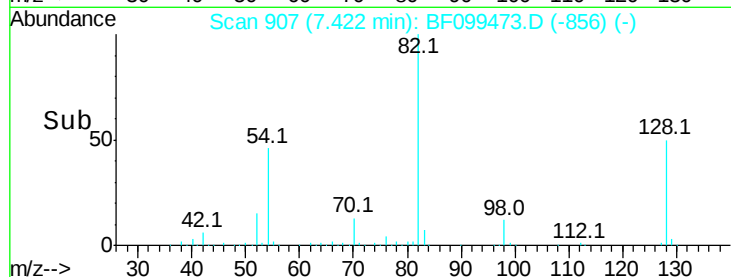
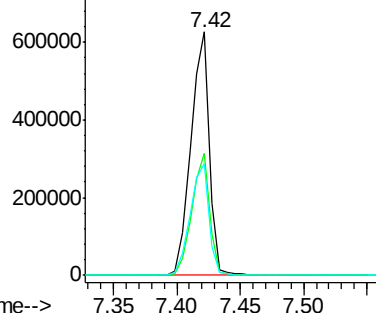
#23
Nitrobenzene-d5
Concen: 102.107 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099473.D
Acq: 14 Oct 2017 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	639607
Ion Ratio	100	Lower	Upper
128	50.0	36.1	54.1
54	45.8	41.4	62.2

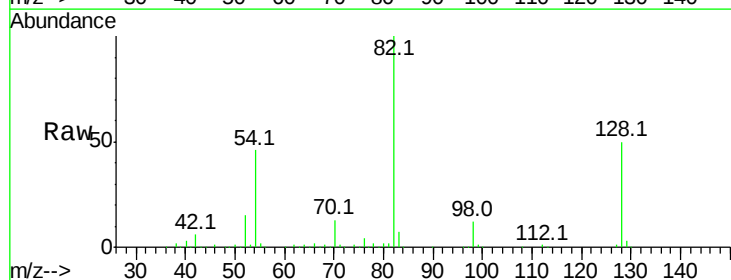


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

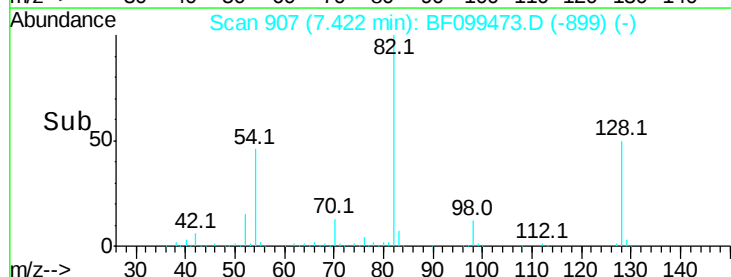
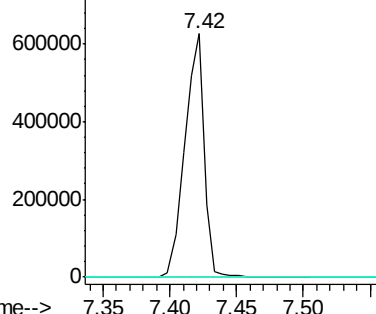


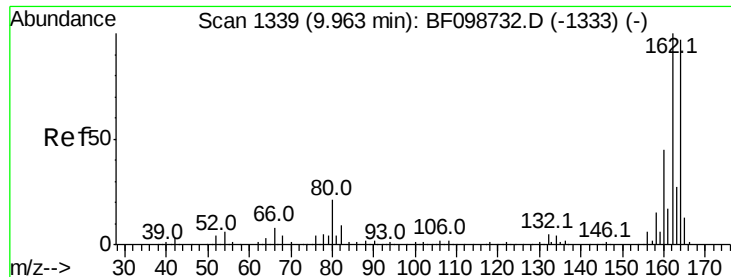
#25
Isophorone
Concen: 49.386 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099473.D
Acq: 14 Oct 2017 13:31

Tgt Ion	82	Resp	639602
Ion Ratio	100	Lower	Upper
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

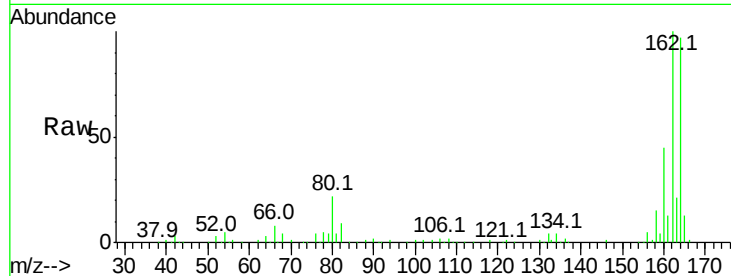




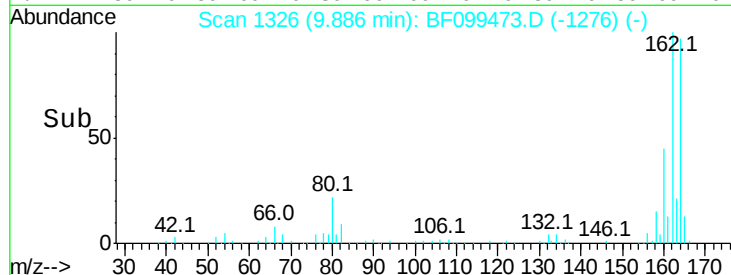
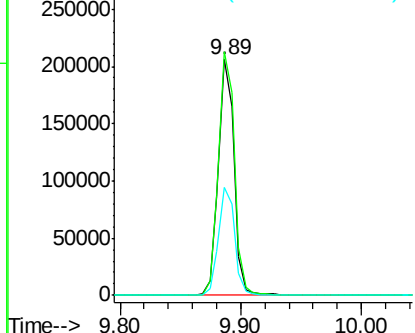
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099473.D
 Acq: 14 Oct 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 183250
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.0 38.3 57.5

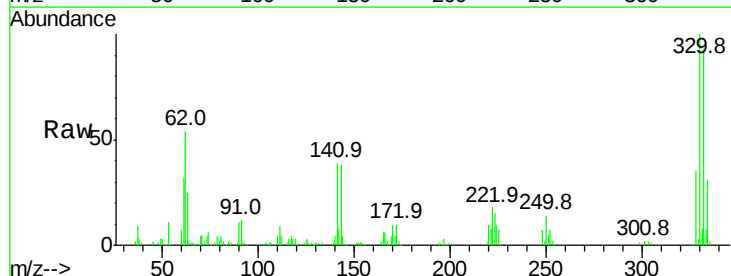


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

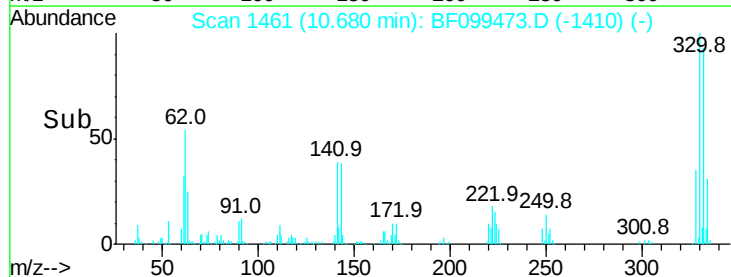
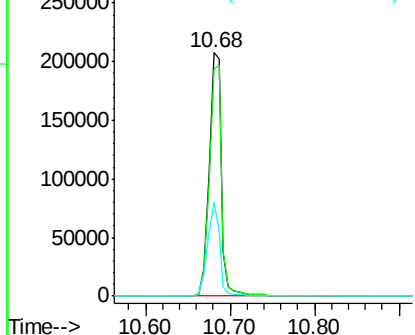


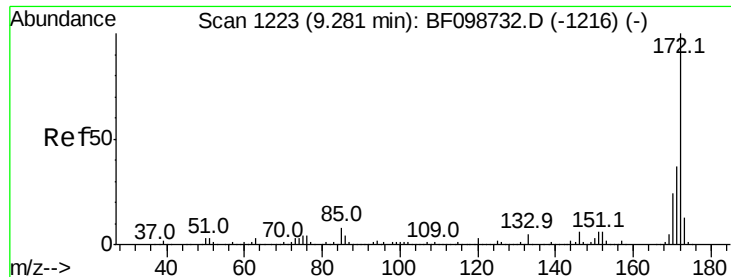
#41
 2,4,6-Tribromophenol
 Concen: 142.345 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099473.D
 Acq: 14 Oct 2017 13:31

Tgt Ion:330 Resp: 213443
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 38.1 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



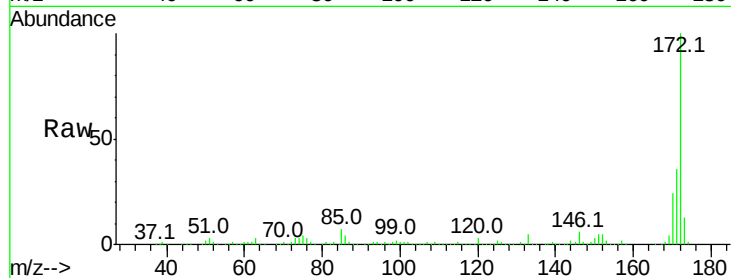


#44
 2-Fluorobiphenyl
 Concen: 105.771 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099473.D
 Acq: 14 Oct 2017 13:31

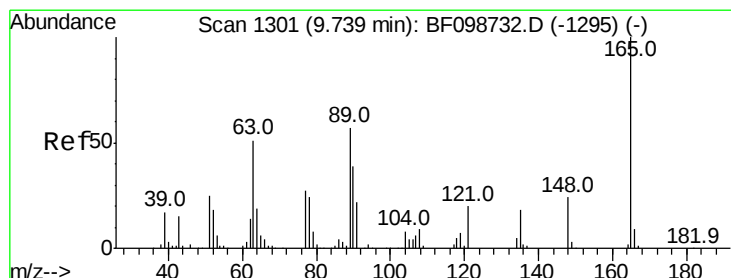
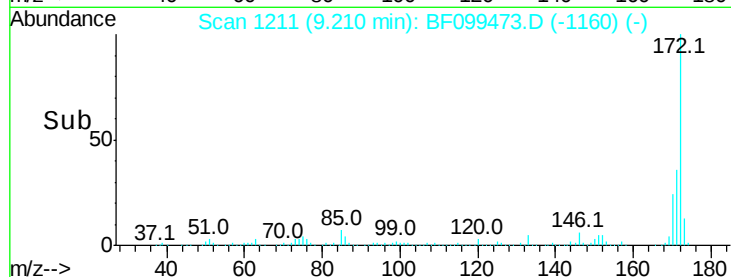
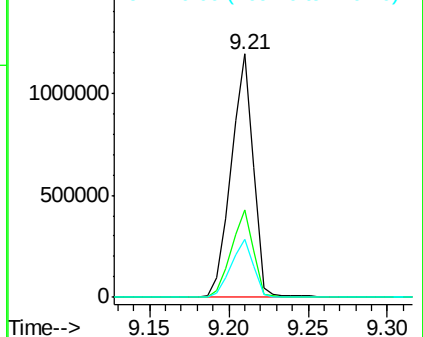
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1161039

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4



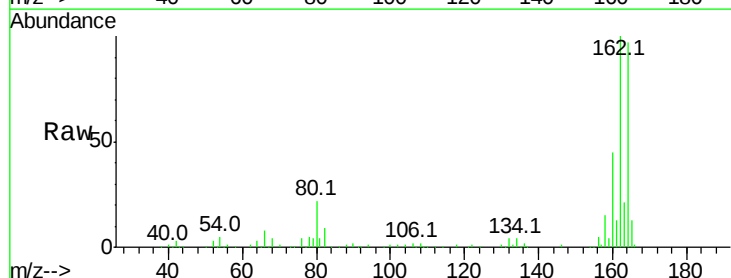
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



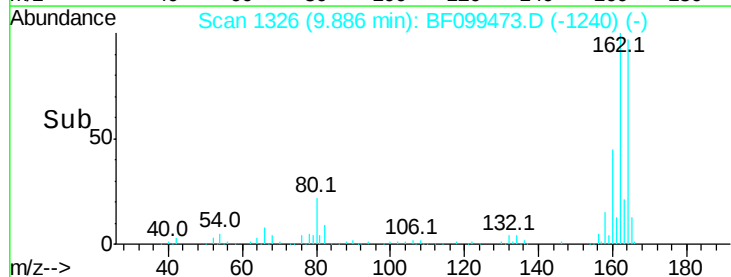
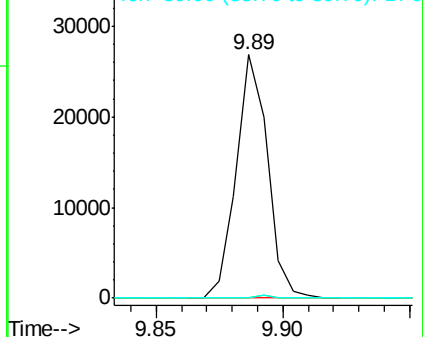
#50
 2,6-Dinitrotoluene
 Concen: 7.652 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099473.D
 Acq: 14 Oct 2017 13:31

Tgt Ion:165 Resp: 23041

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

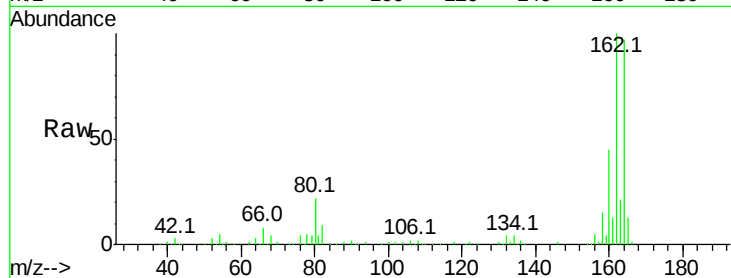




#56
 2,4-Dinitrotoluene
 Concen: 5.896 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099473.D
 Acq: 14 Oct 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23041
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#

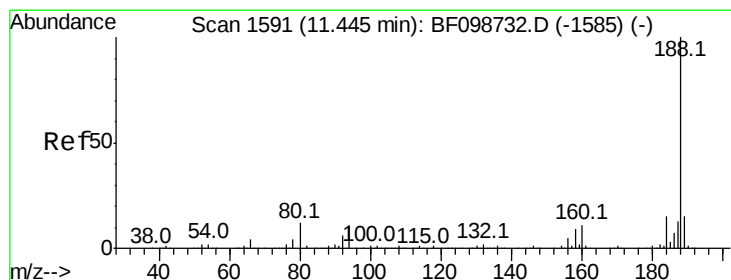
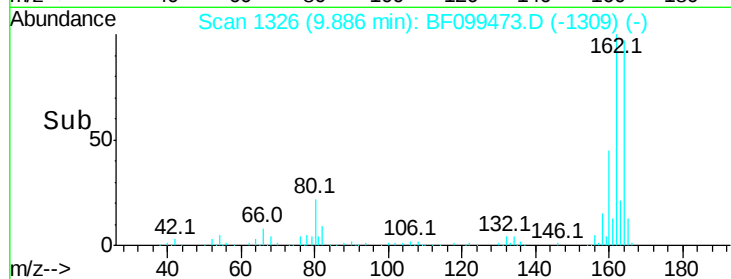
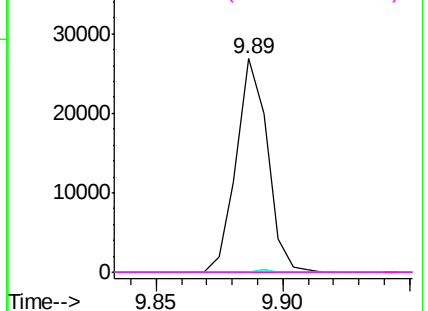


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

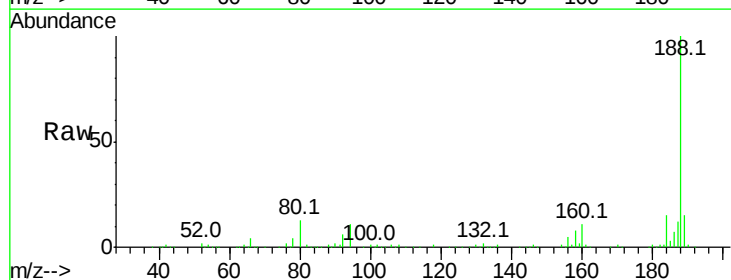
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099473.D
 Acq: 14 Oct 2017 13:31

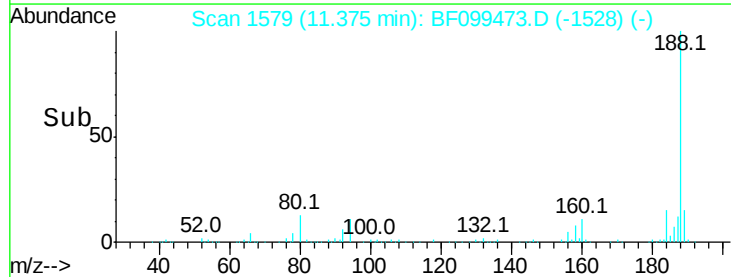
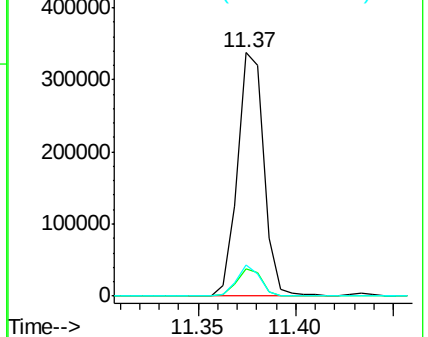
Tgt Ion:188	Resp:	316609
Ion Ratio	Lower	Upper
188	100	
94	11.2	8.5 12.7
80	12.7	9.2 13.8

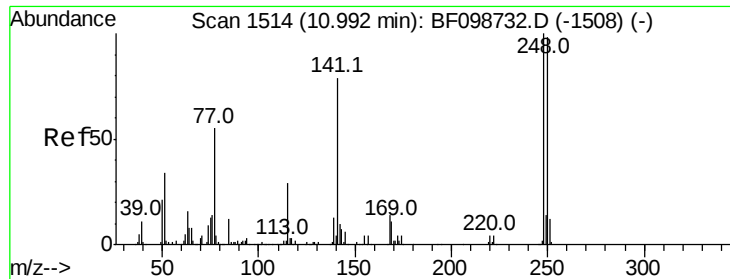


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

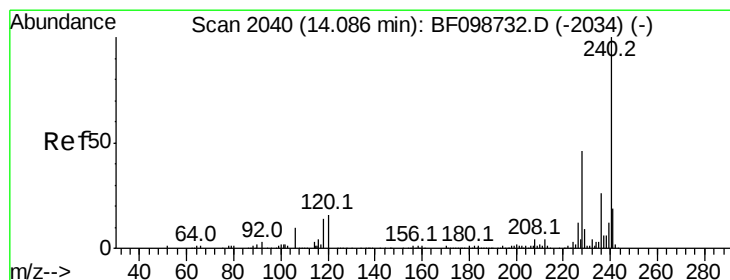
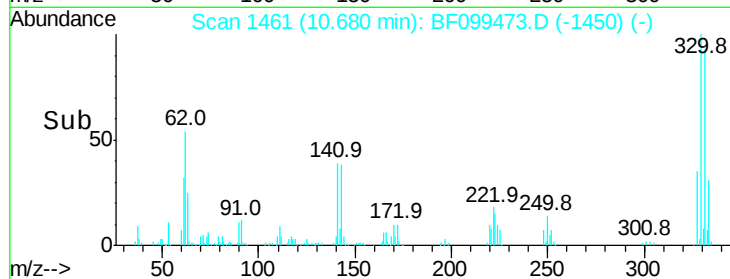
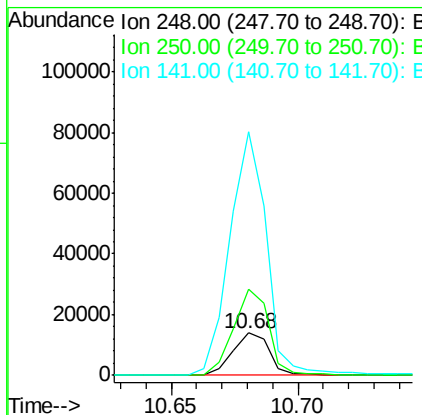
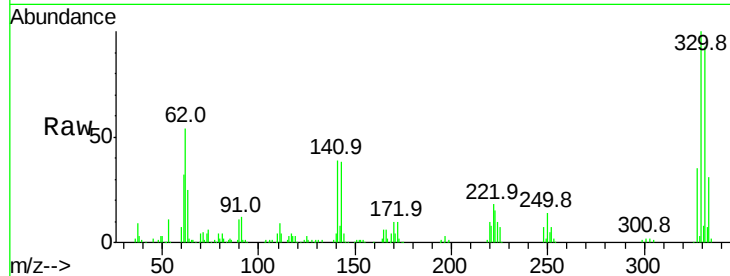




#66
 4-Bromophenyl-phenylether
 Concen: 4.486 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099473.D
 Acq: 14 Oct 2017 13:31

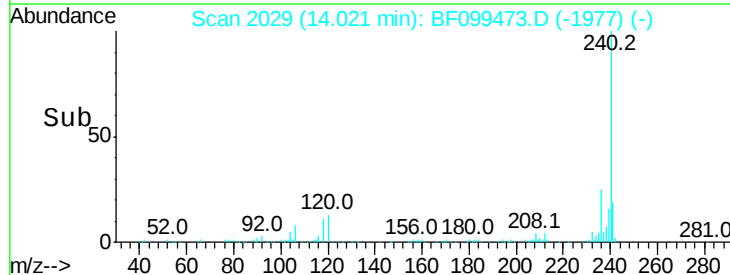
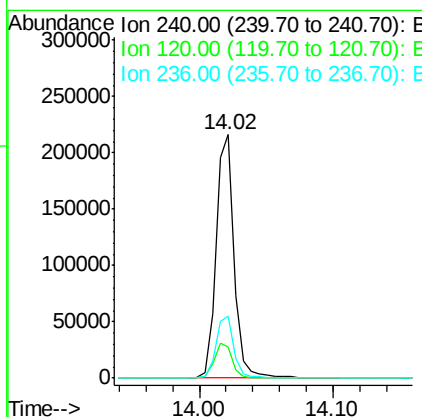
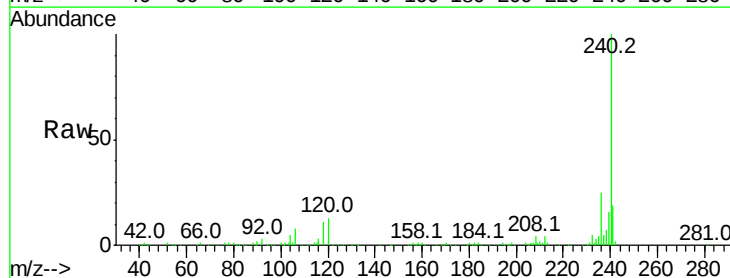
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13901
 Ion Ratio Lower Upper
 248 100
 250 204.1 76.9 115.3#
 141 572.3 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099473.D
 Acq: 14 Oct 2017 13:31

Tgt Ion:240 Resp: 205375
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 109.776 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099473.D

Acq: 14 Oct 2017 13:31

Instrument :

BNA_F

ClientSampleId :

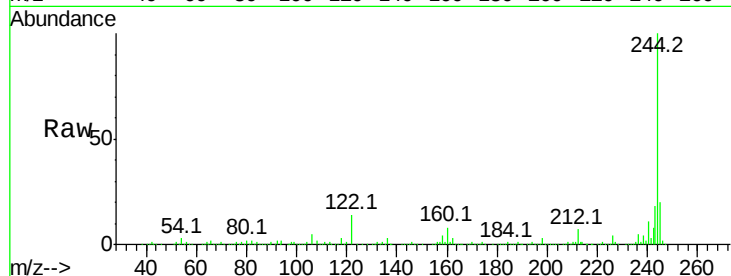
Tot Ion:244 Resp: 991346

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

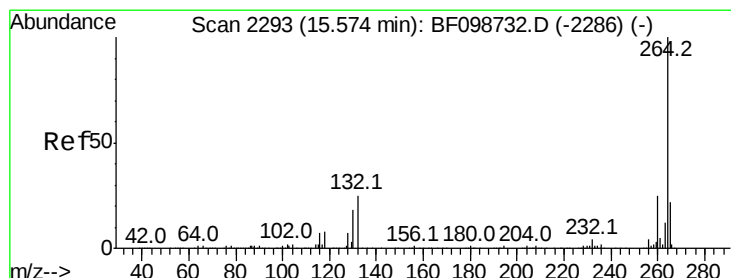
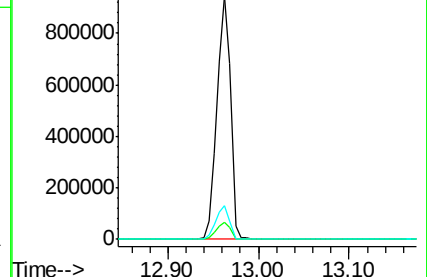
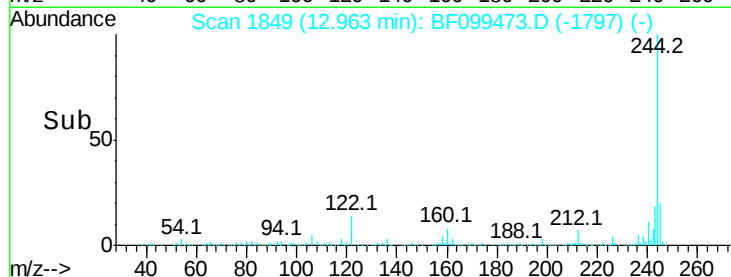
122 13.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099473.D

Acq: 14 Oct 2017 13:31

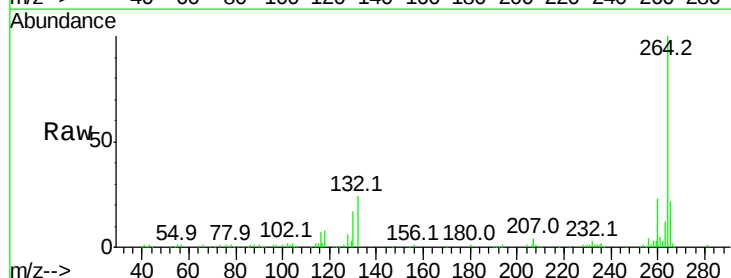
Tgt Ion:264 Resp: 158272

Ion Ratio Lower Upper

264 100

260 23.0 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

