

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099100.D
 Acq On : 5 Oct 2017 13:45
 Operator : SJ/JU
 Sample : PB102887BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 17:14:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 09:04:50 2017
 Response via : Initial Calibration

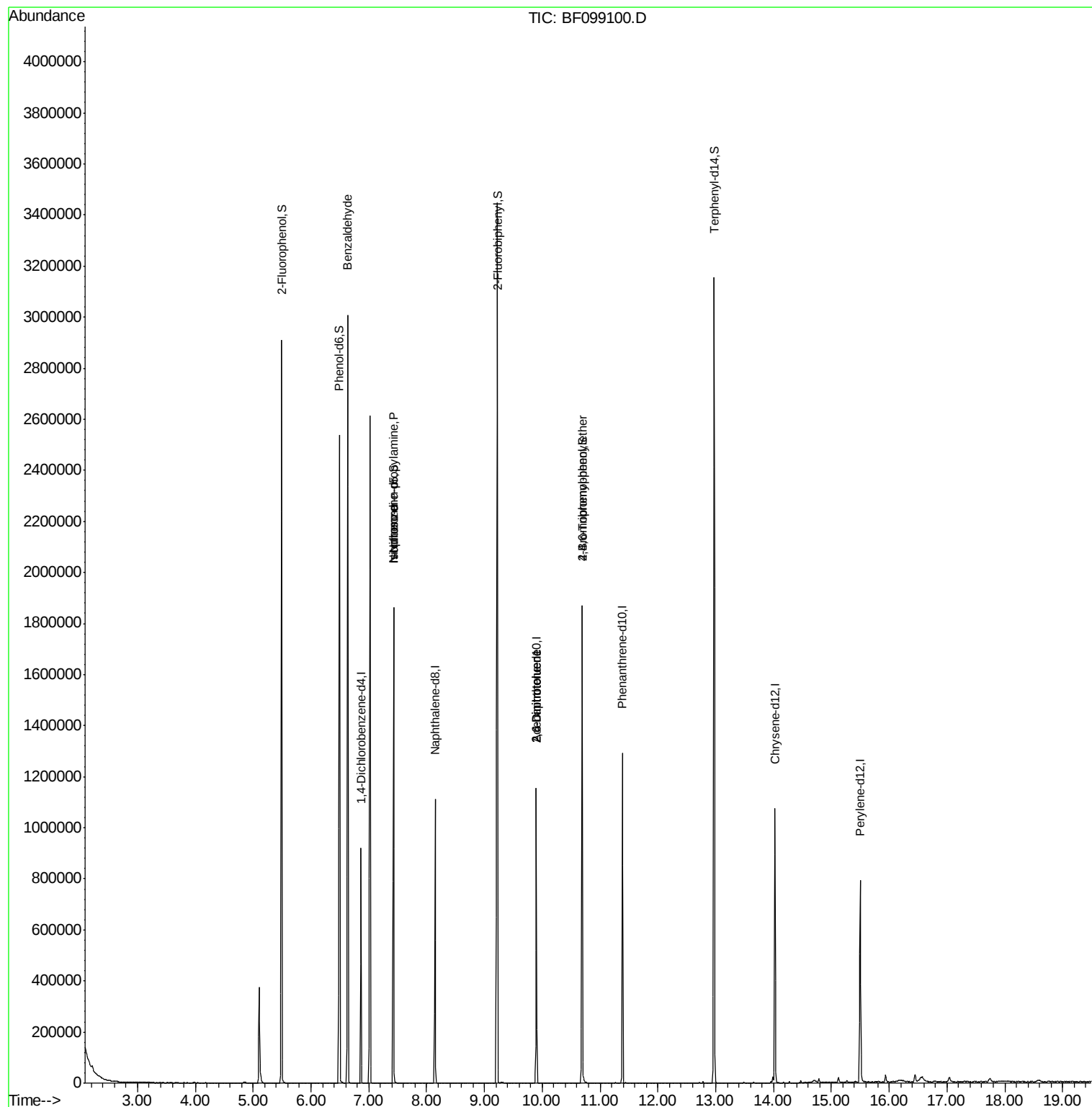
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123876	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	513742	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	229853	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	425302	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	345525	20.00	ng	-0.06
86) Perylene-d12	15.50	264	344468	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	917793	117.94	ng	-0.05
7) Phenol-d6	6.49	99	1114987	116.15	ng	-0.05
23) Nitrobenzene-d5	7.43	82	664493	82.95	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	225667	119.98	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1211857	88.02	ng	-0.06
78) Terphenyl-d14	12.97	244	1109466	73.02	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.63	77	18730	3.364	ng	83
19) n-Nitroso-di-n-propylamine	7.43	70	85547	13.958	ng	# 75
25) Isophorone	7.43	82	657705	39.710	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	29425	7.791	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	29425	6.003	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	14709	3.533	ng	# 1

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

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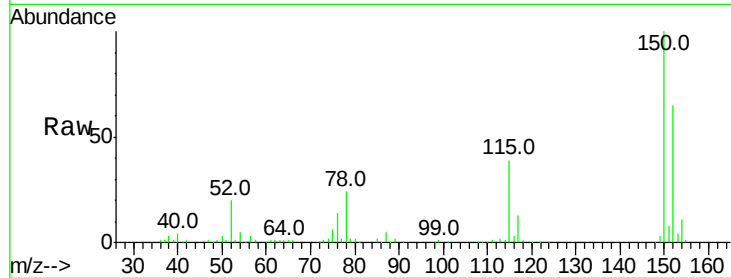


#1

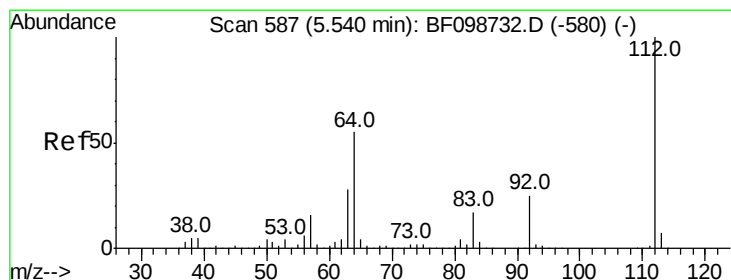
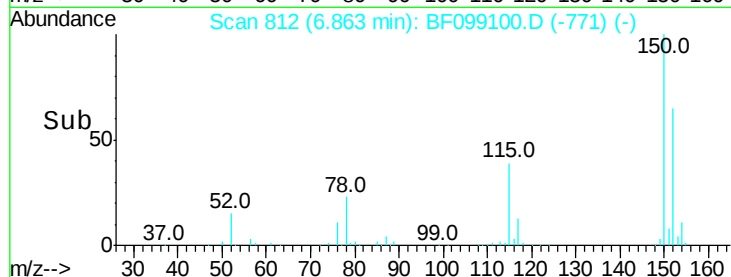
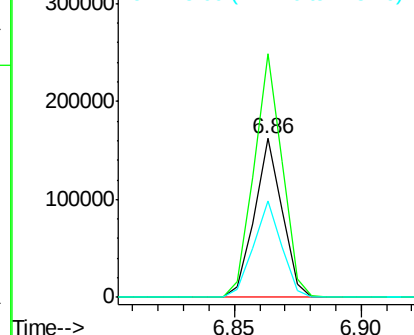
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099100.D
Acq: 5 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123876
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 60.6 50.1 75.1



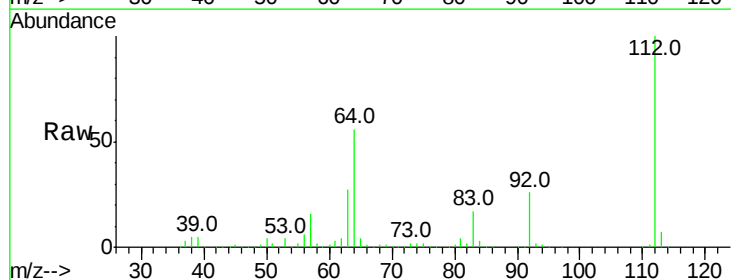
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



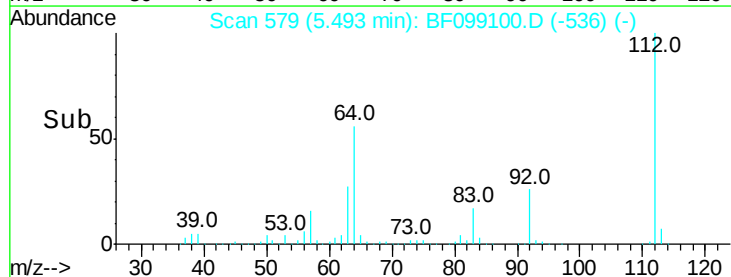
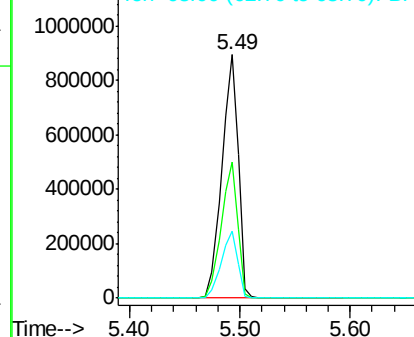
#5

2-Fluorophenol
Concen: 117.943 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099100.D
Acq: 5 Oct 2017 13:45

Tgt Ion:112 Resp: 917793
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 27.4 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: 116.150 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.05 min

Lab File: BF099100.D

Acq: 5 Oct 2017 13:45

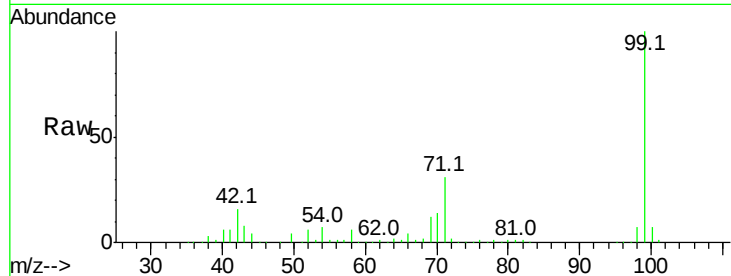
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1114987

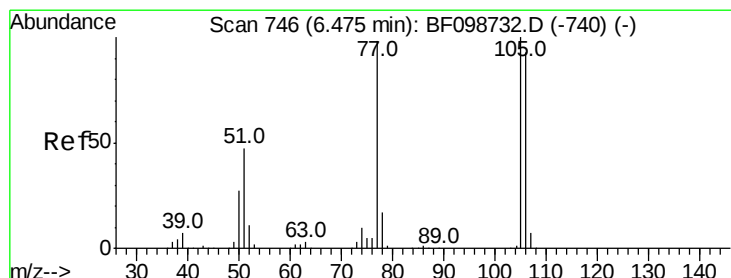
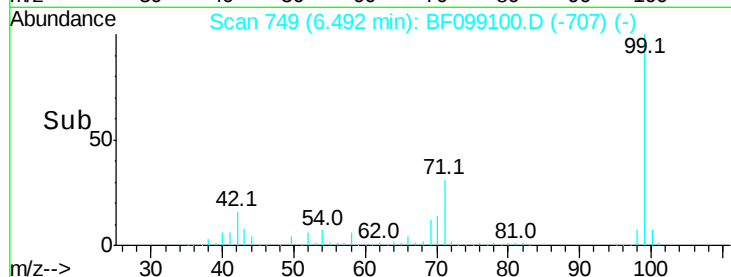
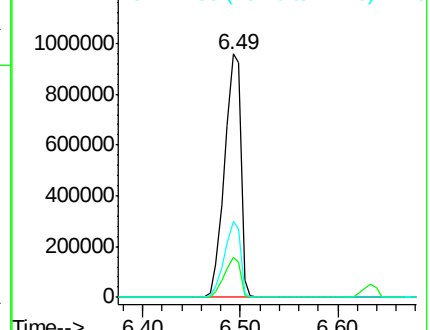
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	31.4	25.4	38.0



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: 3.364 ng

RT: 6.63 min Scan# 773

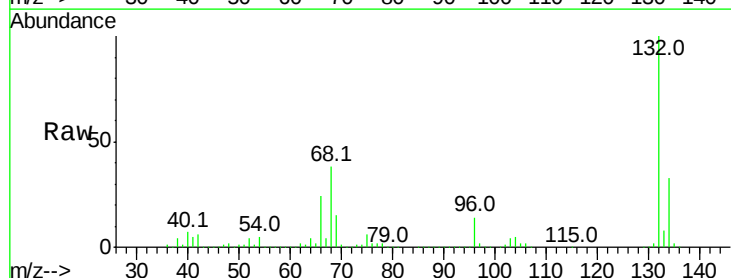
Delta R.T. 0.16 min

Lab File: BF099100.D

Acq: 5 Oct 2017 13:45

Tgt Ion: 77 Resp: 18730

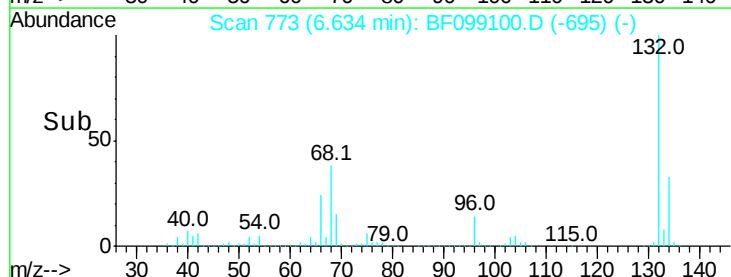
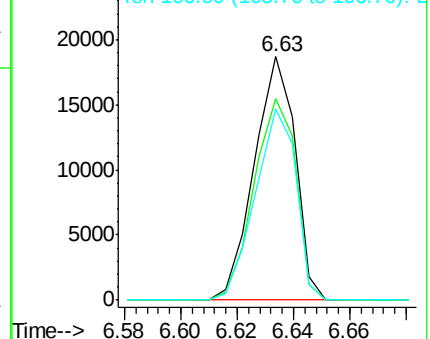
Ion	Ratio	Lower	Upper
77	100		
105	82.7	81.1	121.1
106	78.7	74.5	114.5

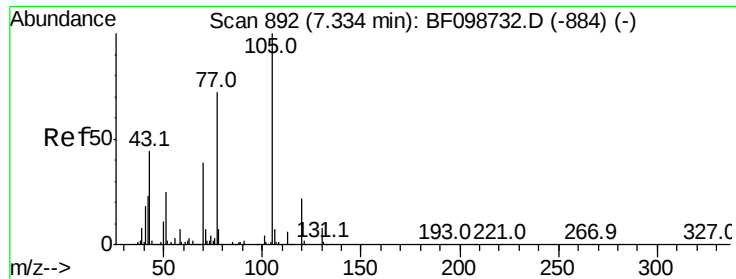


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

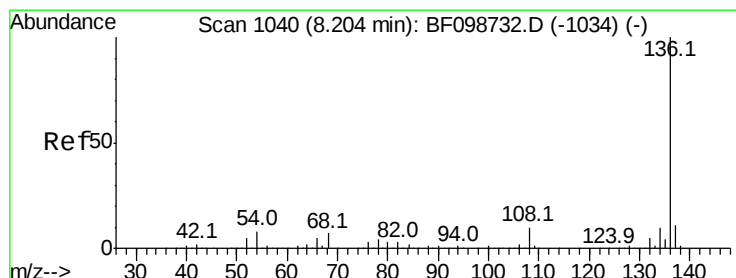
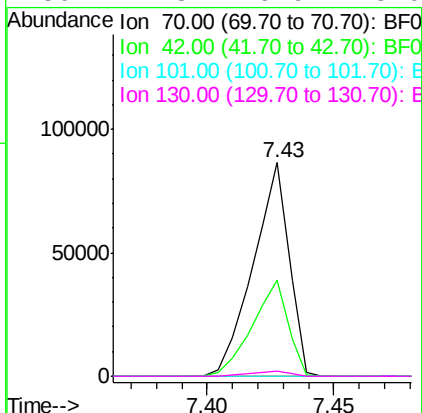
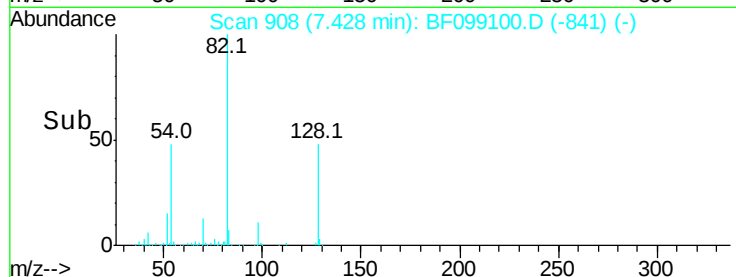
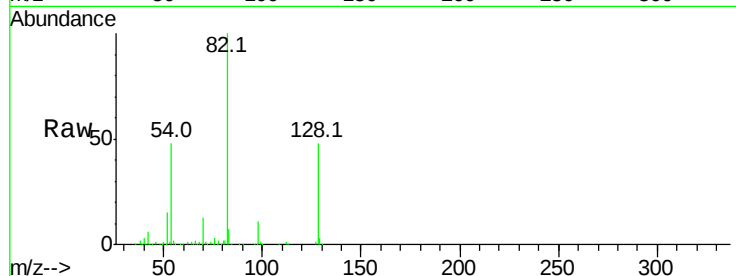




#19
n-Nitroso-di-n-propylamine
Concen: 13.958 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.09 min
Lab File: BF099100.D
Acq: 5 Oct 2017 13:45

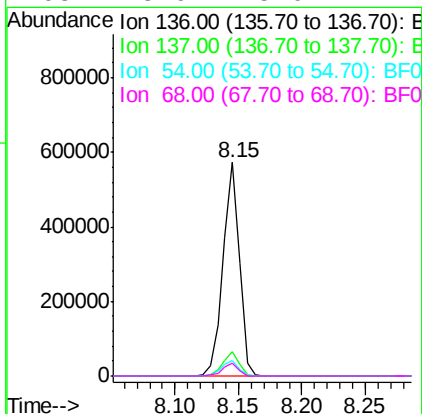
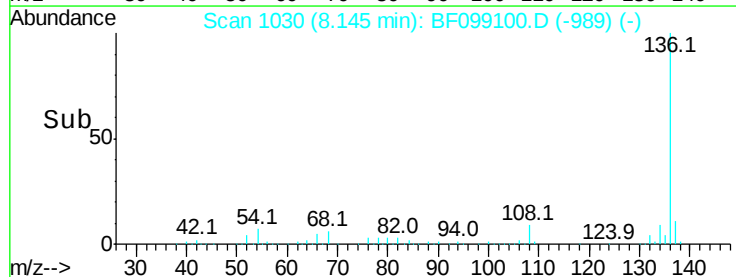
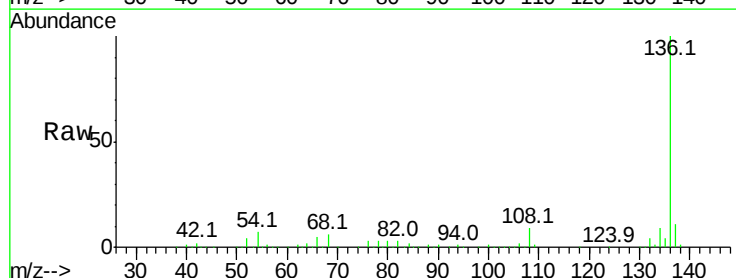
Instrument :
BNA_F
ClientSampleId :

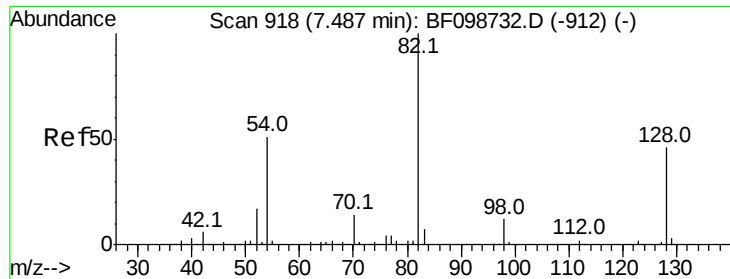
Tot Ion: 70 Resp: 85547
Ion Ratio Lower Upper
70 100
42 44.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099100.D
Acq: 5 Oct 2017 13:45

Tgt Ion: 136 Resp: 513742
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.4 6.6 9.8
68 5.9 5.0 7.4

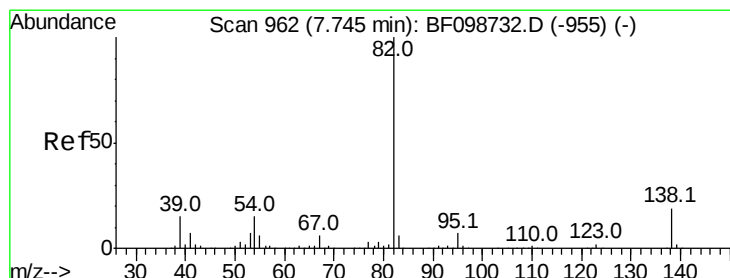
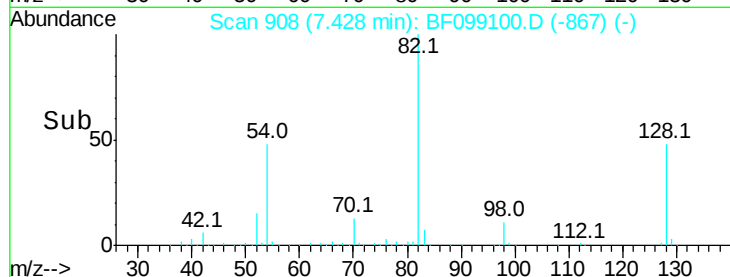
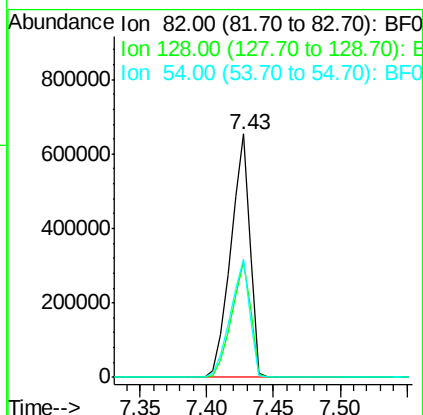
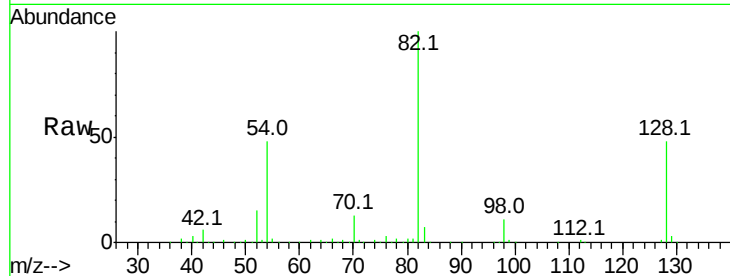




#23
 Nitrobenzene-d5
 Concen: 82.948 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.06 min
 Lab File: BF099100.D
 Acq: 5 Oct 2017 13:45

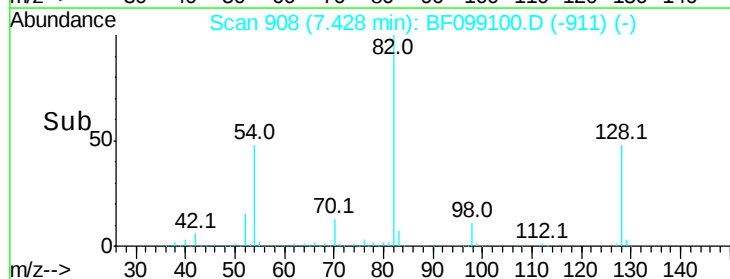
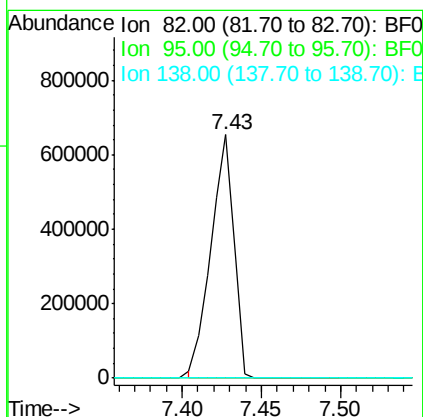
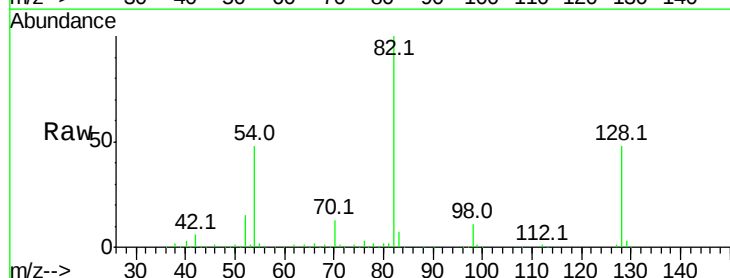
Instrument :
 BNA_F
 ClientSampleId :

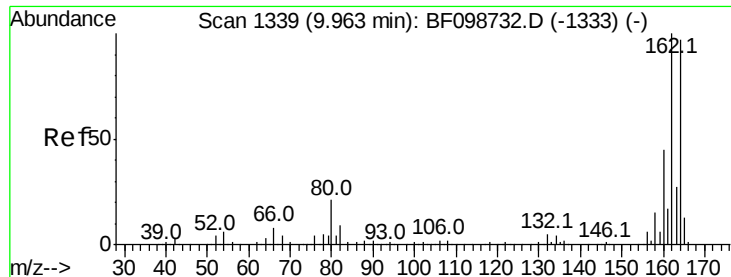
Tot Ion: 82 Resp: 664493
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 48.4 41.4 62.2



#25
 Isophorone
 Concen: 39.710 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.32 min
 Lab File: BF099100.D
 Acq: 5 Oct 2017 13:45

Tgt Ion: 82 Resp: 657705
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

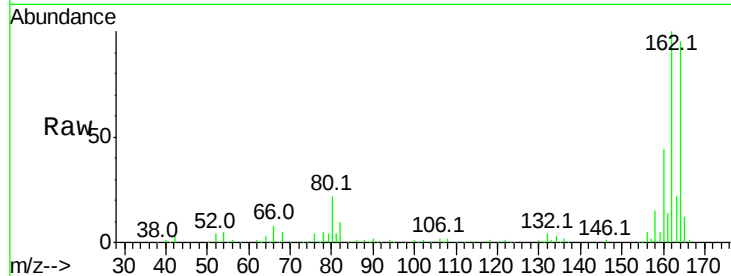




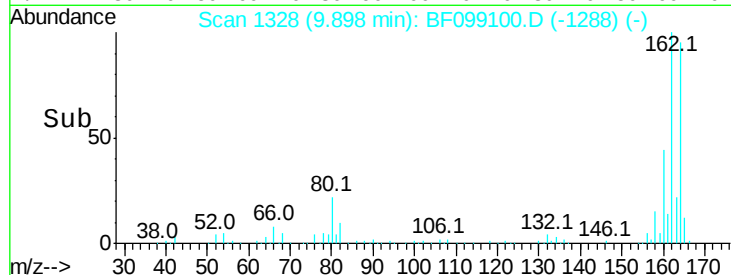
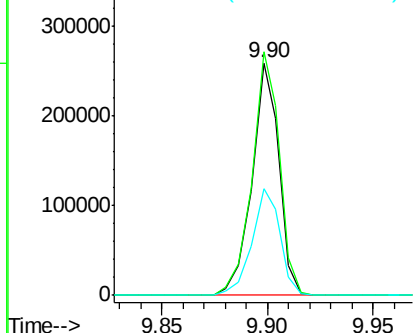
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.06 min
 Lab File: BF099100.D
 Acq: 5 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 229853
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 45.9 38.3 57.5

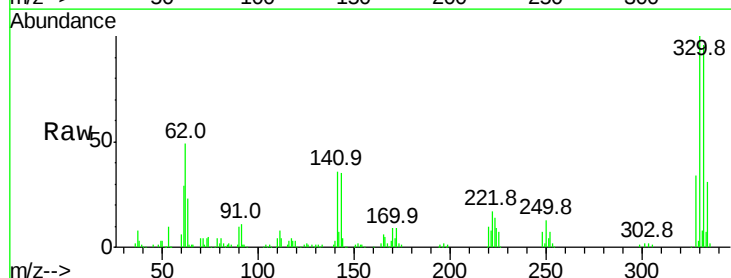


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

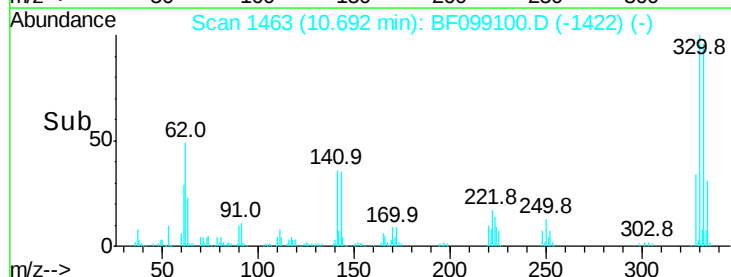
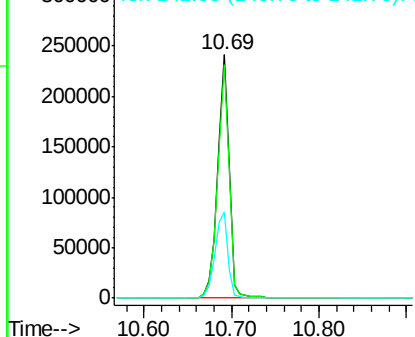


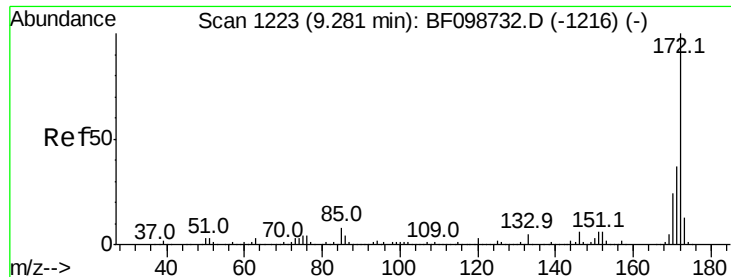
#41
 2,4,6-Tribromophenol
 Concen: 119.983 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099100.D
 Acq: 5 Oct 2017 13:45

Tgt Ion:330 Resp: 225667
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 39.4 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: 88.017 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.06 min

Lab File: BF099100.D

Acq: 5 Oct 2017 13:45

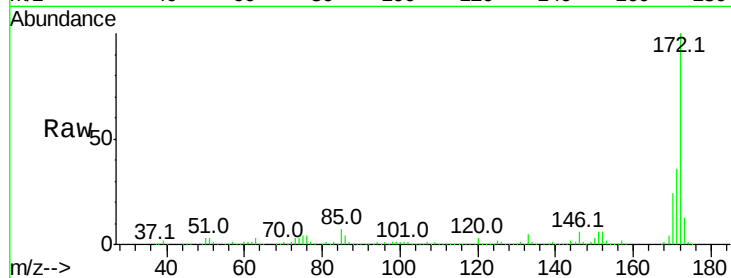
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1211857

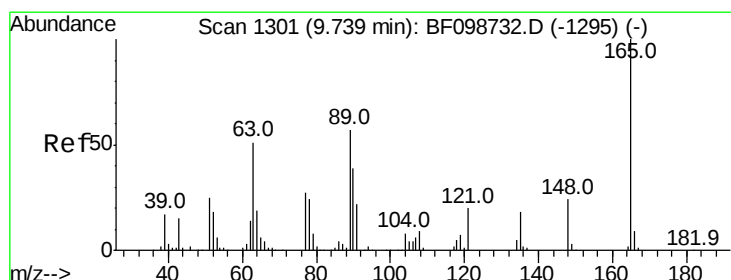
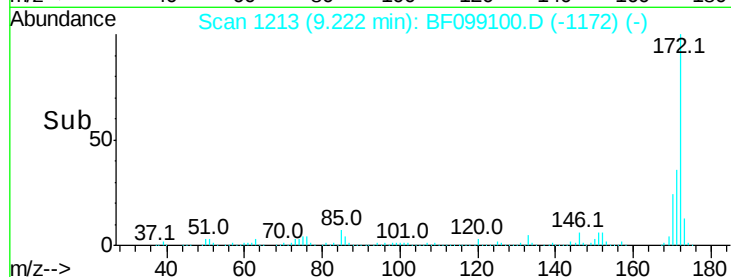
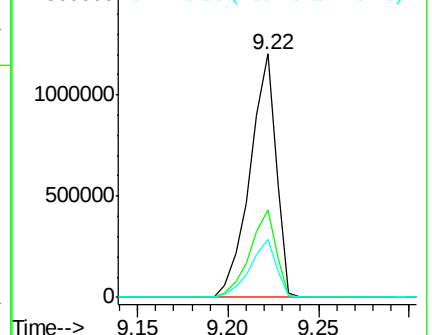
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4



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: 7.791 ng

RT: 9.90 min Scan# 1328

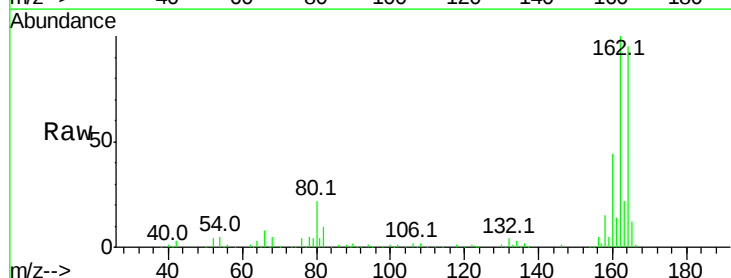
Delta R.T. 0.16 min

Lab File: BF099100.D

Acq: 5 Oct 2017 13:45

Tgt Ion:165 Resp: 29425

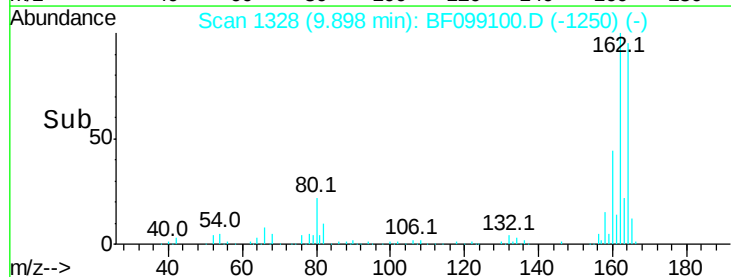
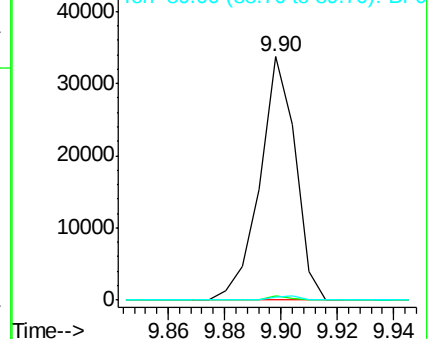
Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.2	44.0	66.0#



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

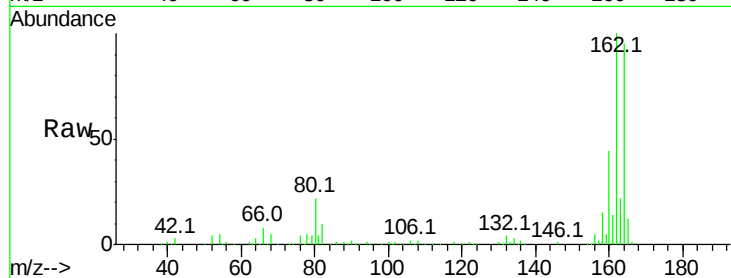




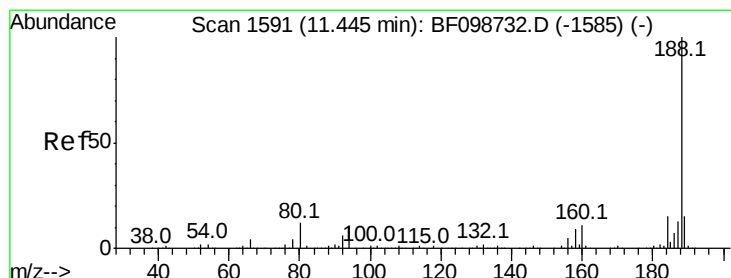
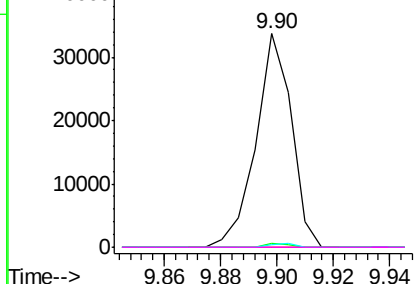
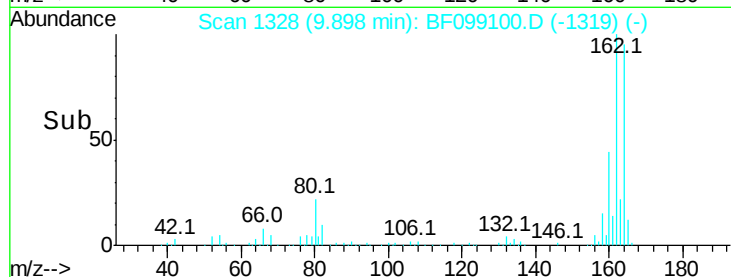
#56
 2,4-Dinitrotoluene
 Concen: 6.003 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.25 min
 Lab File: BF099100.D
 Acq: 5 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 29425
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#

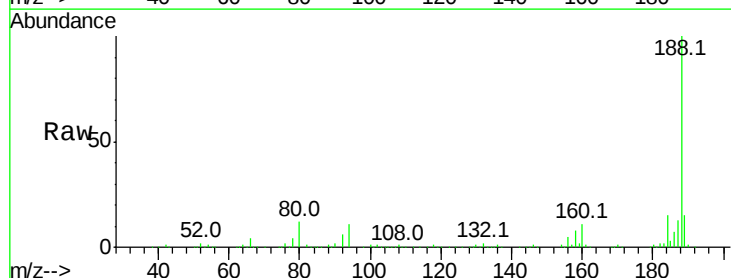


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

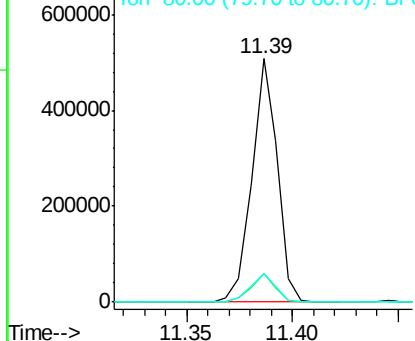
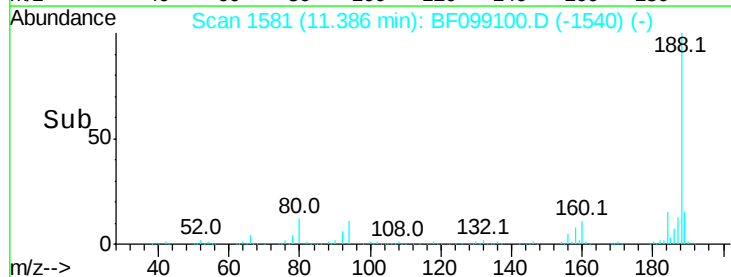


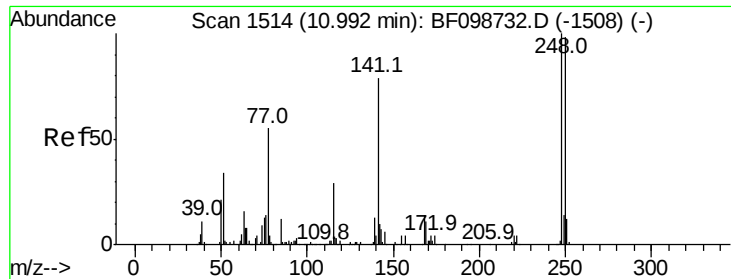
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.06 min
 Lab File: BF099100.D
 Acq: 5 Oct 2017 13:45

Tgt Ion:188 Resp: 425302
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 11.9 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

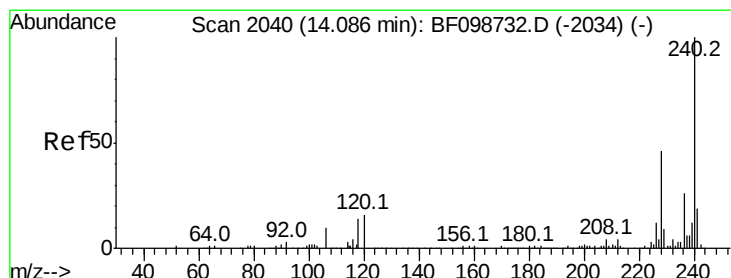
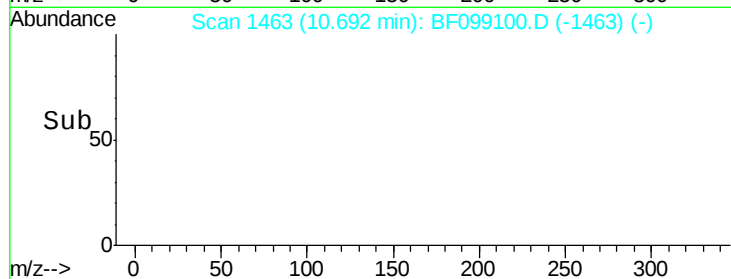
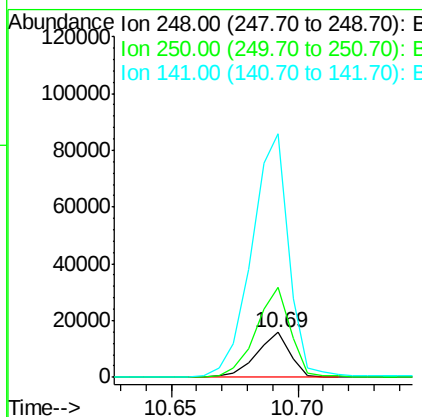
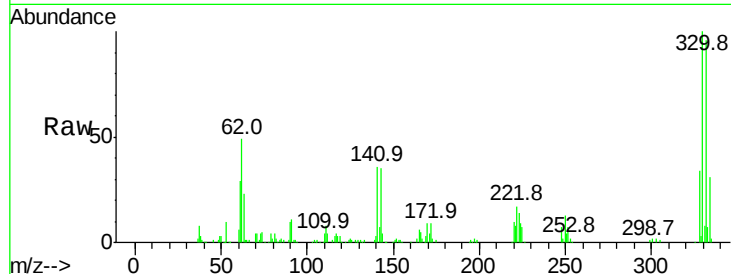




#66
 4-Bromophenyl-phenylether
 Concen: 3.533 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.30 min
 Lab File: BF099100.D
 Acq: 5 Oct 2017 13:45

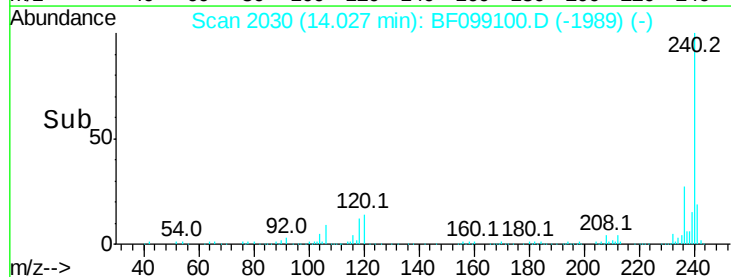
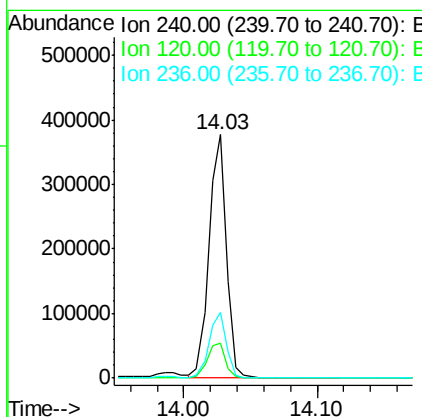
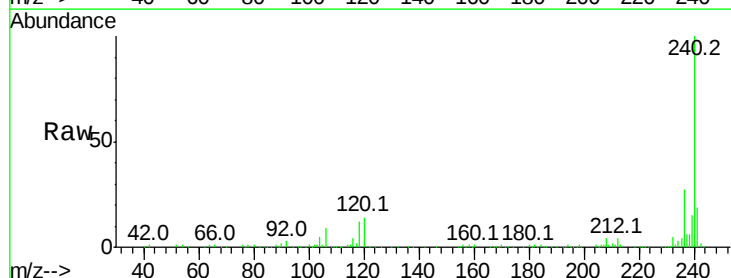
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14709
 Ion Ratio Lower Upper
 248 100
 250 201.0 76.9 115.3#
 141 545.8 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.06 min
 Lab File: BF099100.D
 Acq: 5 Oct 2017 13:45

Tgt Ion:240 Resp: 345525
 Ion Ratio Lower Upper
 240 100
 120 14.4 9.5 14.3#
 236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 73.024 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099100.D

Acq: 5 Oct 2017 13:45

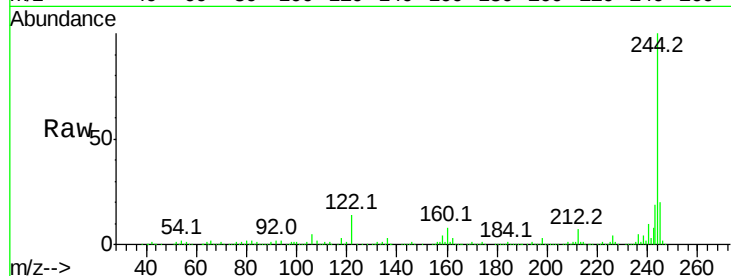
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1109466

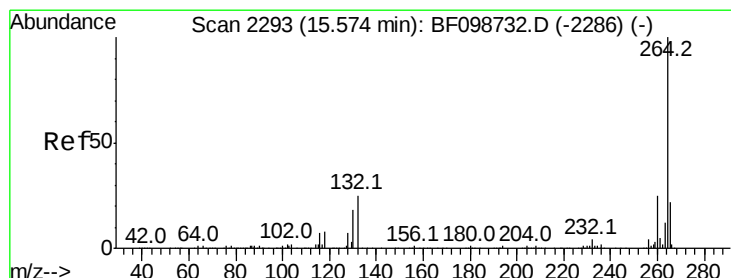
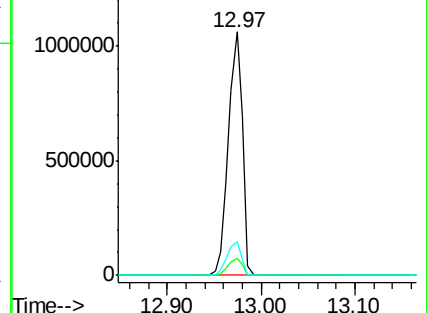
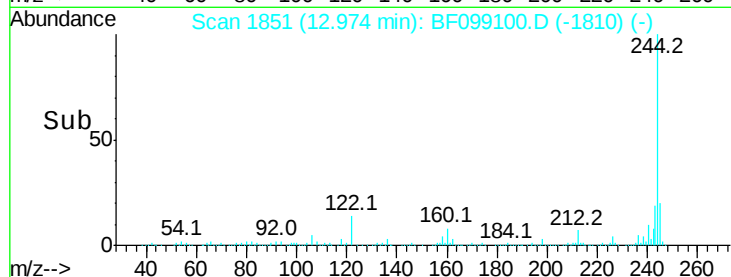
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.0	11.0	16.4



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: 15.50 min Scan# 2280

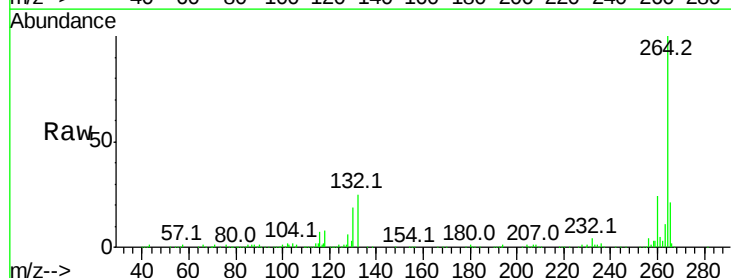
Delta R.T. -0.08 min

Lab File: BF099100.D

Acq: 5 Oct 2017 13:45

Tgt Ion:264 Resp: 344468

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	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

