

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099342.D
 Acq On : 11 Oct 2017 13:22
 Operator : SJ/JU
 Sample : I5766-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 15:30:55 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 17:20:48 2017
 Response via : Initial Calibration

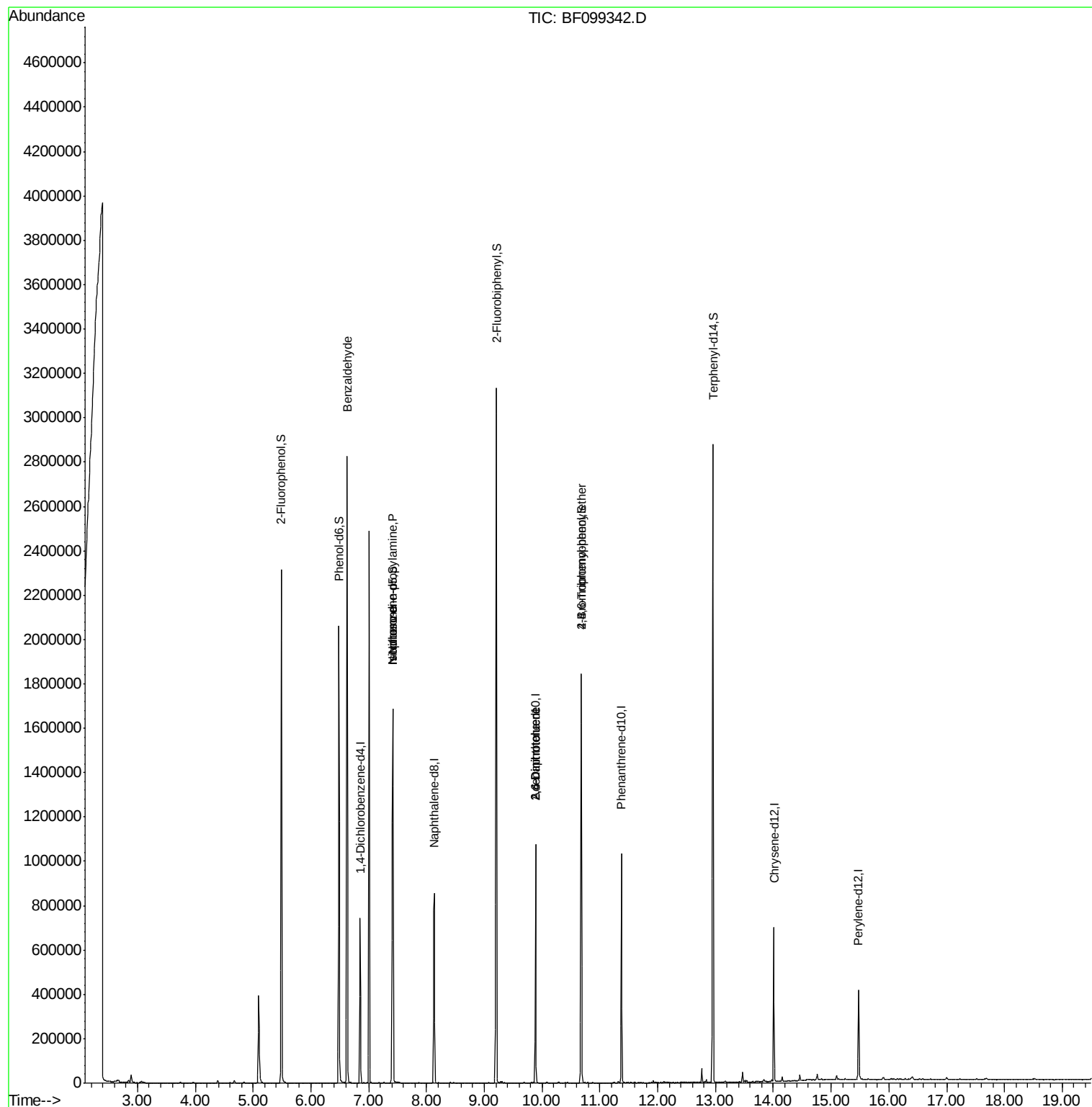
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	102319	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	430982	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	200495	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	353676	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	206669	20.00	ng	-0.02
86) Perylene-d12	15.48	264	176024	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	761418	118.46	ng	0.00
7) Phenol-d6	6.49	99	782782	98.72	ng	-0.01
23) Nitrobenzene-d5	7.42	82	645829	96.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	238602	145.44	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	1210385	100.78	ng	-0.02
78) Terphenyl-d14	12.96	244	1027957	113.12	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	16266	3.537	ng	86
19) n-Nitroso-di-n-propylamine	7.42	70	83443	16.483	ng	# 74
25) Isophorone	7.42	82	645820	46.480	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	25358	7.697	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	25358	5.931	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	15423	4.455	ng	# 1

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

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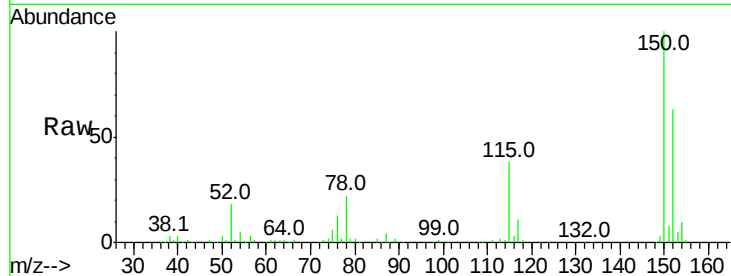


#1

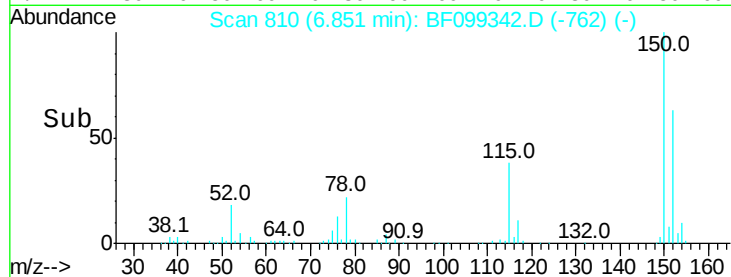
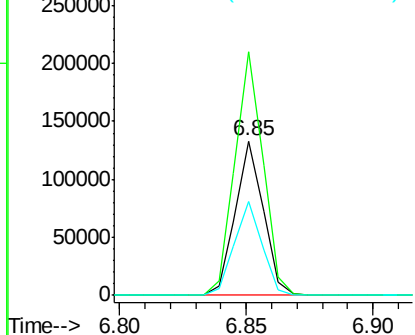
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF099342.D
Acq: 11 Oct 2017 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102319
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 60.6 50.1 75.1



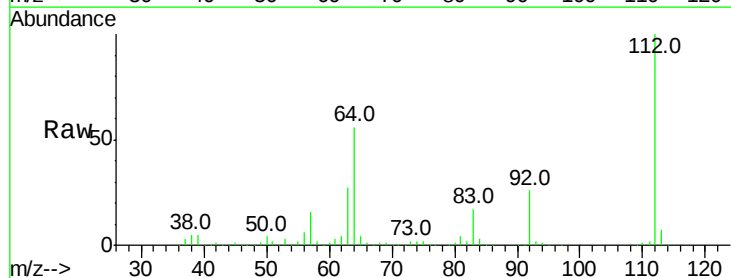
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



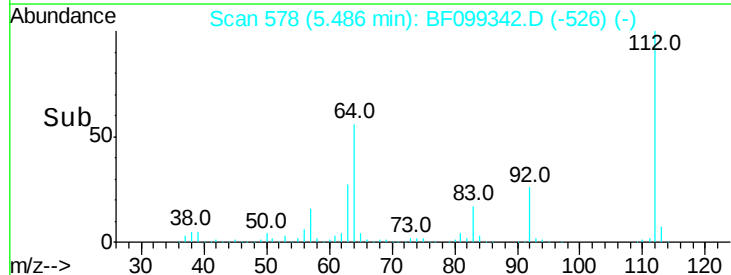
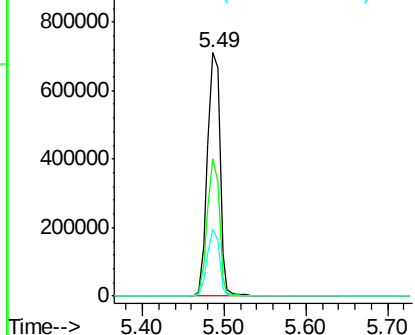
#5

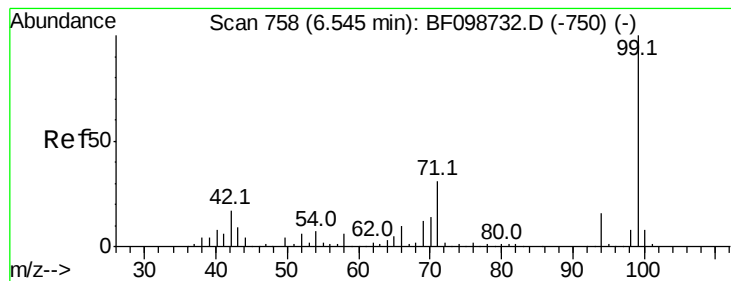
2-Fluorophenol
Concen: 118.463 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099342.D
Acq: 11 Oct 2017 13:22

Tgt Ion:112 Resp: 761418
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.5 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: 98.724 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

Instrument :

BNA_F

ClientSampled :

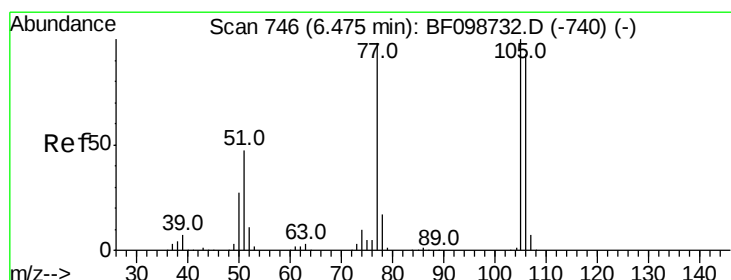
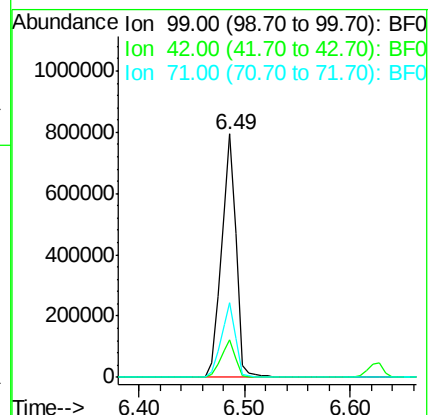
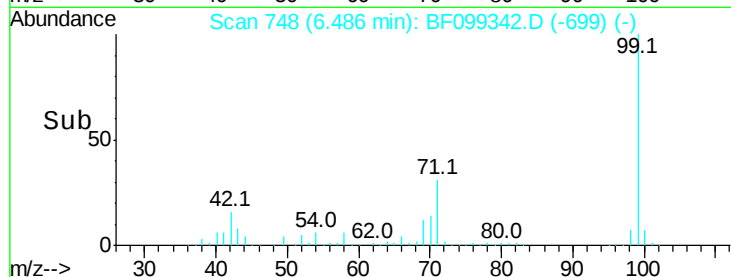
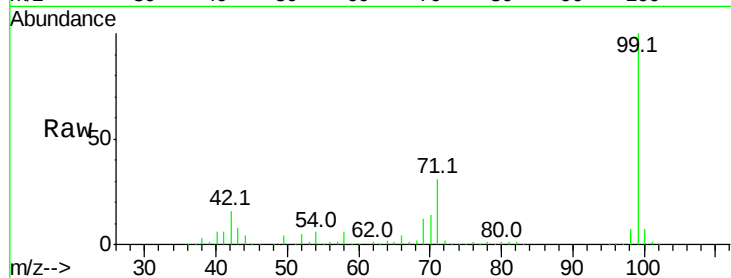
Tot Ion: 99 Resp: 782782

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 30.6 25.4 38.0



#9

Benzaldehyde

Concen: 3.537 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.21 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

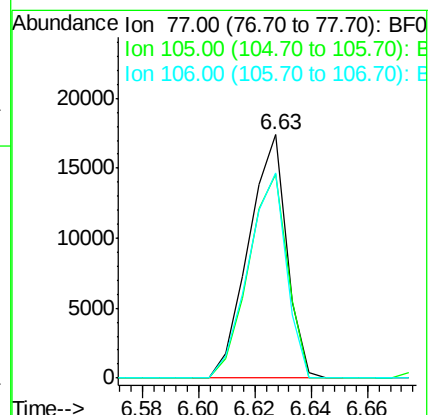
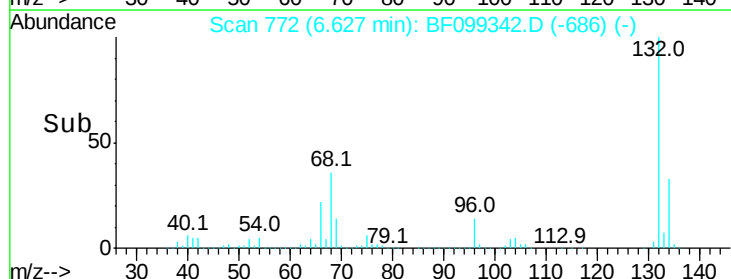
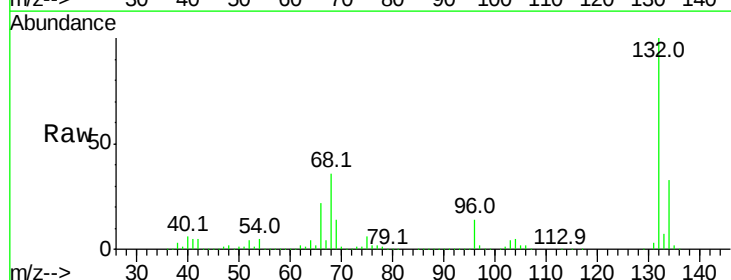
Tgt Ion: 77 Resp: 16266

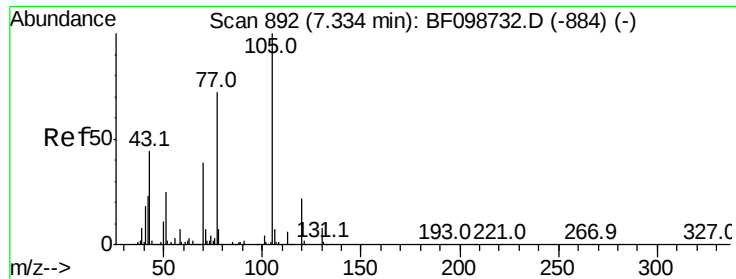
Ion Ratio Lower Upper

77 100

105 83.6 81.1 121.1

106 84.4 74.5 114.5

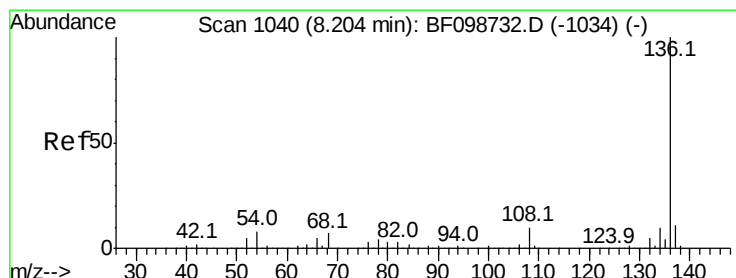
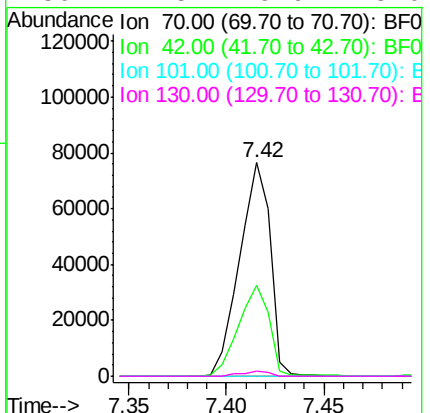
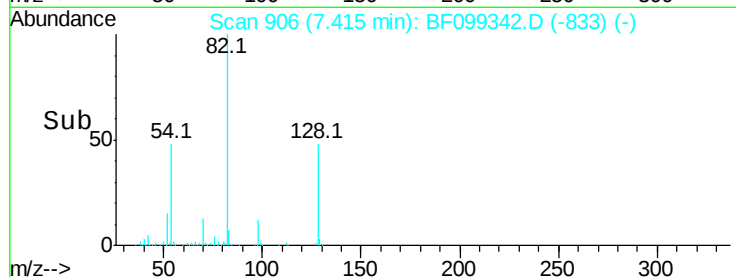
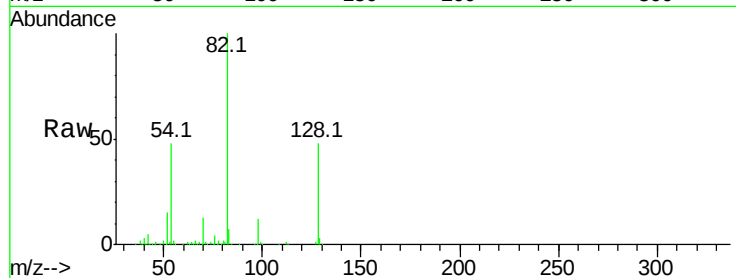




#19
n-Nitroso-di-n-propylamine
Concen: 16.483 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.13 min
Lab File: BF099342.D
Acq: 11 Oct 2017 13:22

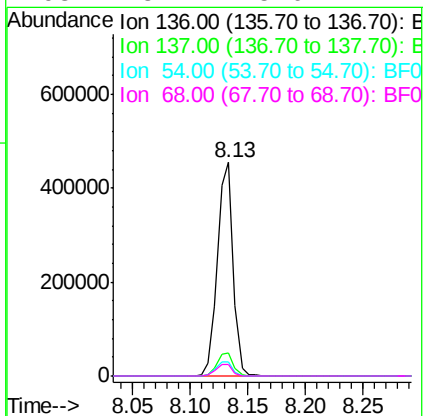
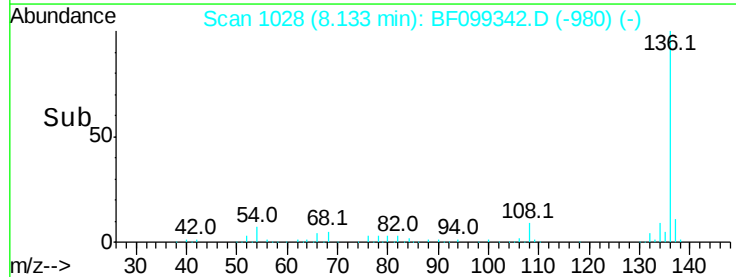
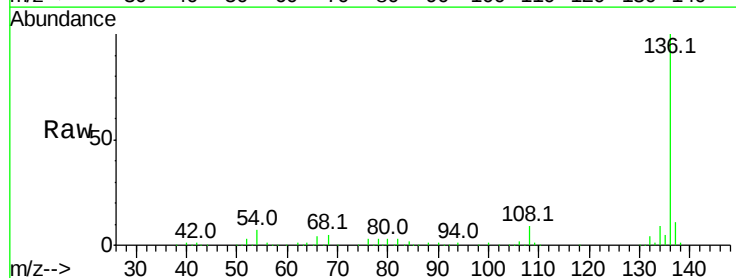
Instrument :
BNA_F
ClientSampled :

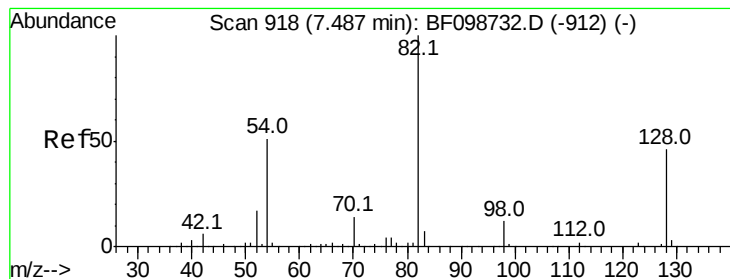
Tot Ion: 70 Resp: 83443
Ion Ratio Lower Upper
70 100
42 42.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF099342.D
Acq: 11 Oct 2017 13:22

Tgt Ion:136 Resp: 430982
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.7 6.6 9.8
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.099 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

Instrument :

BNA_F

ClientSampled :

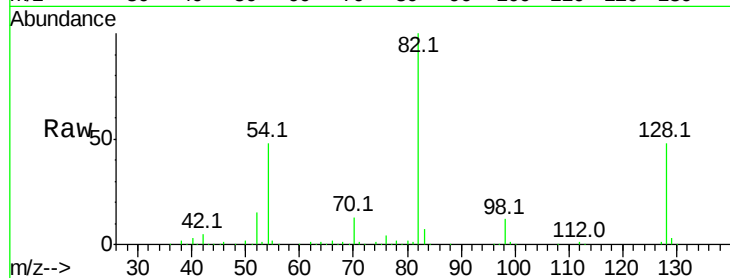
Tot Ion: 82 Resp: 645829

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

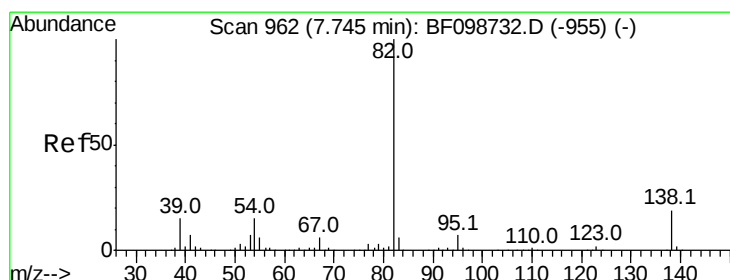
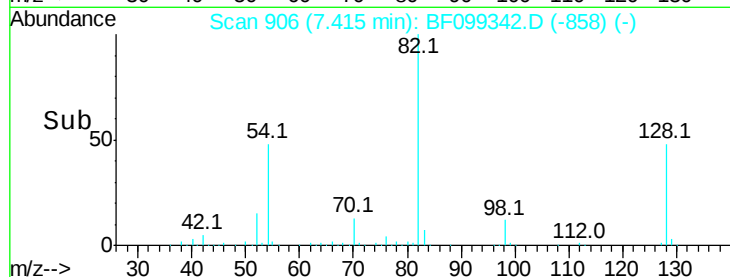
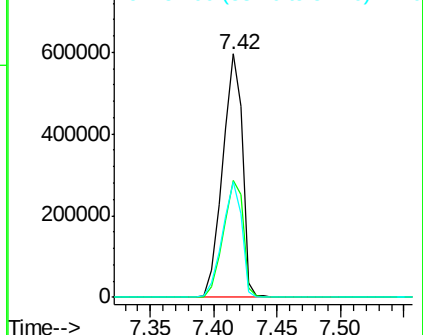
54 47.7 41.4 62.2



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: 46.480 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.28 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

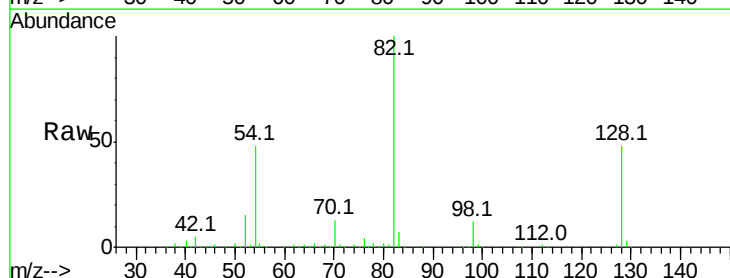
Tgt Ion: 82 Resp: 645820

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

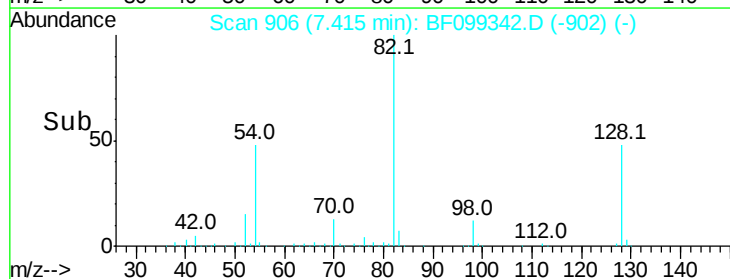
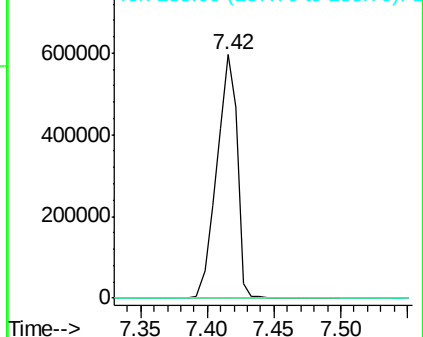
138 0.0 14.9 22.3#

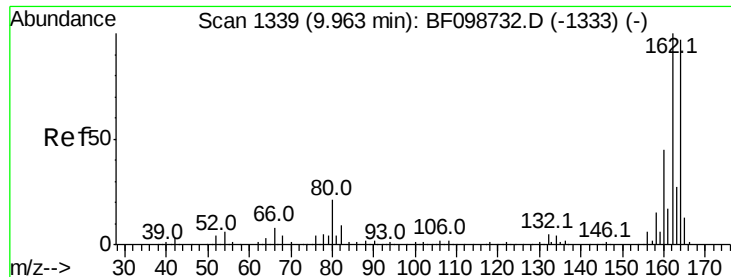


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

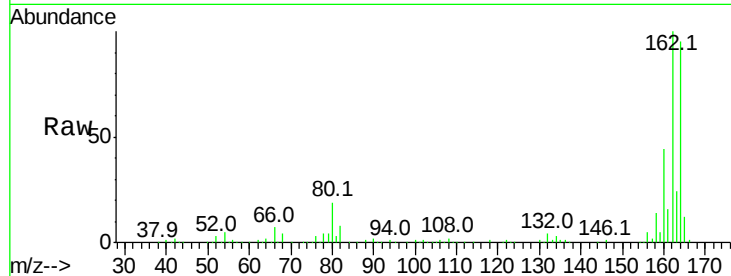




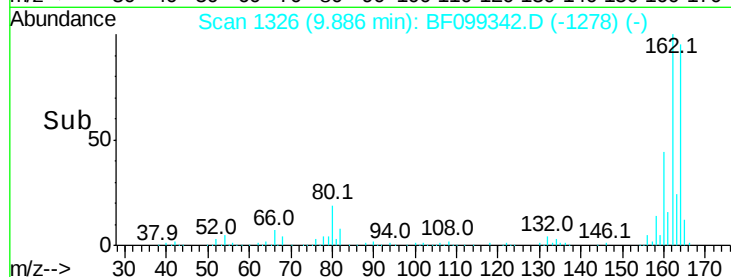
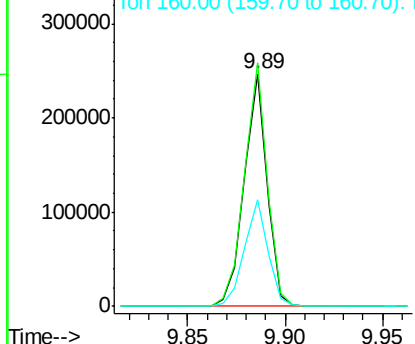
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF099342.D
Acq: 11 Oct 2017 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 200495
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 45.8 38.3 57.5

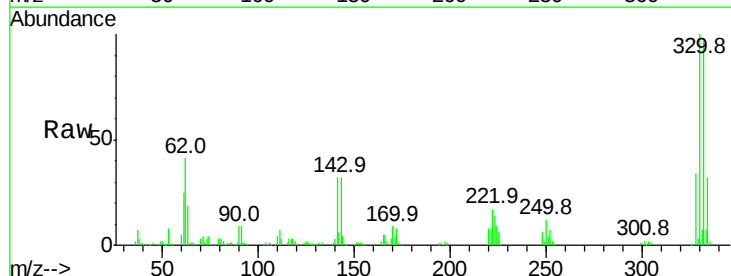


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

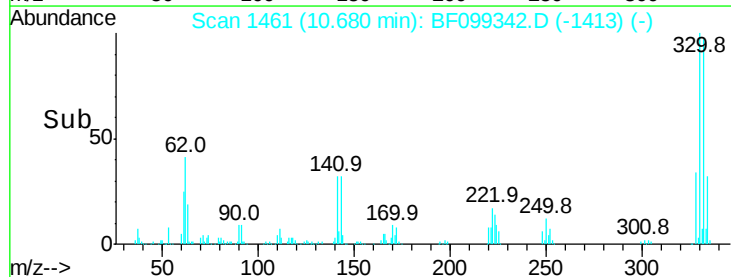
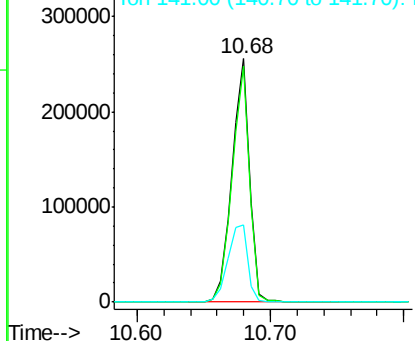


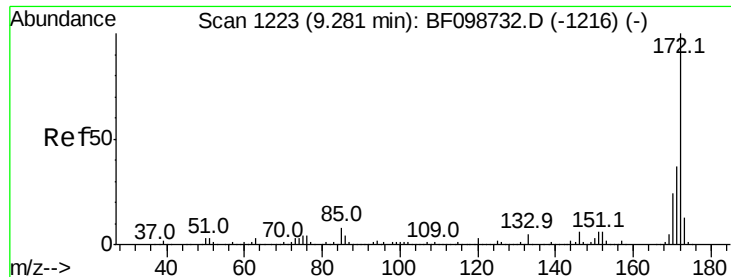
#41
2,4,6-Tribromophenol
Concen: 145.436 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.02 min
Lab File: BF099342.D
Acq: 11 Oct 2017 13:22

Tgt Ion:330 Resp: 238602
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 36.2 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



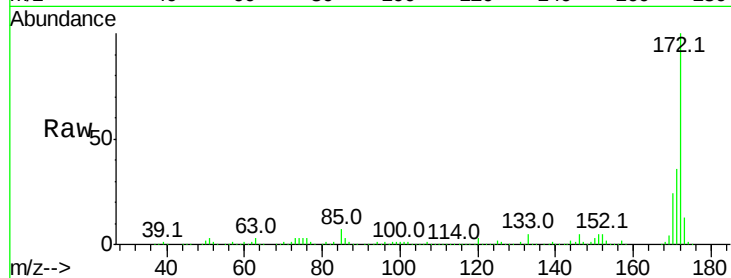


#44
 2-Fluorobiphenyl
 Concen: 100.782 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF099342.D
 Acq: 11 Oct 2017 13:22

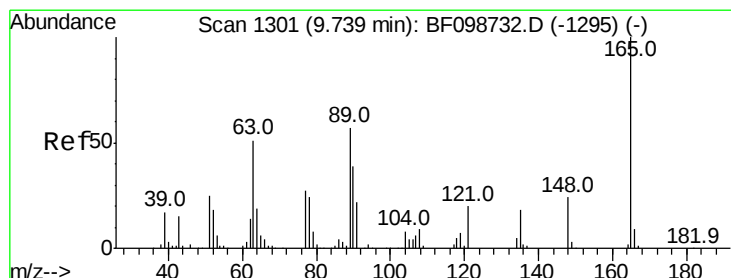
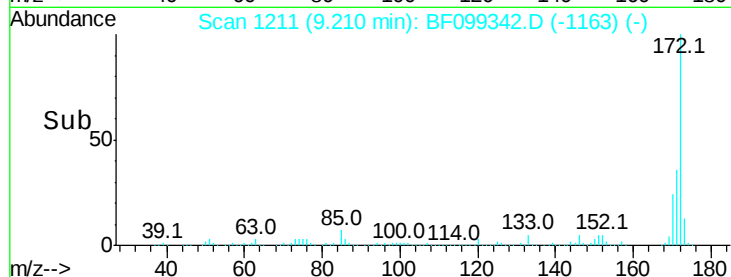
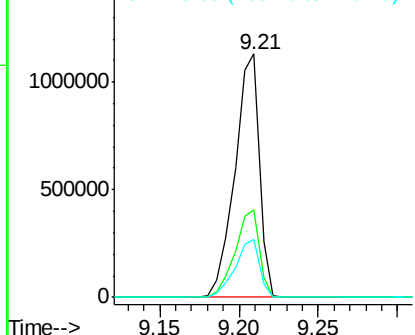
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1210385

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4



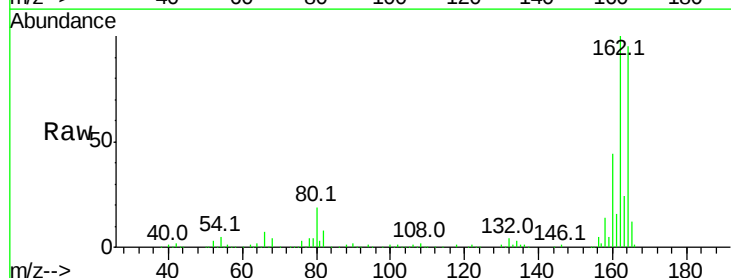
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



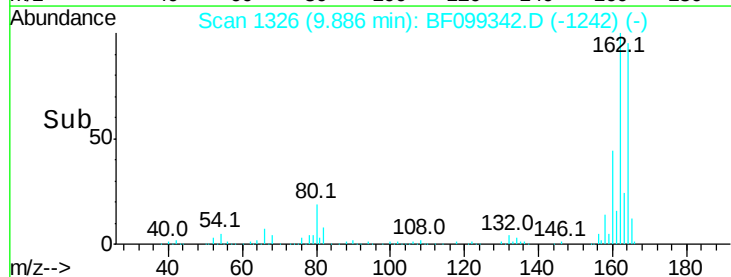
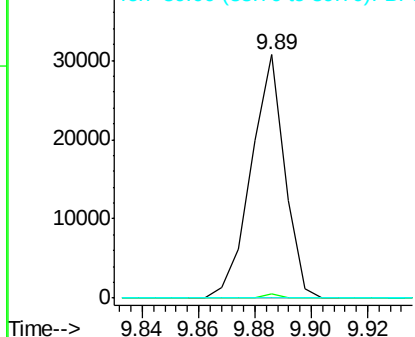
#50
 2,6-Dinitrotoluene
 Concen: 7.697 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.19 min
 Lab File: BF099342.D
 Acq: 11 Oct 2017 13:22

Tgt Ion:165 Resp: 25358

Ion	Ratio	Lower	Upper
165	100		
63	1.8	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

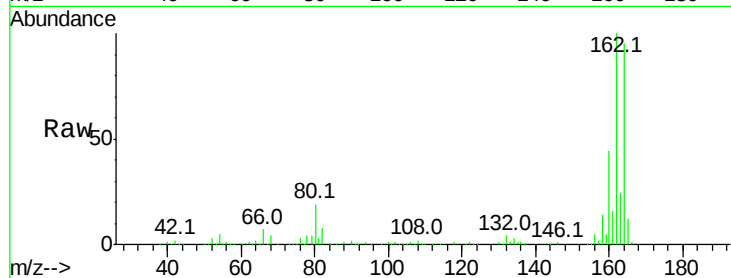




#56
 2,4-Dinitrotoluene
 Concen: 5.931 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099342.D
 Acq: 11 Oct 2017 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	25358
Ion Ratio	Lower	Upper
165	100	
63	1.8	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

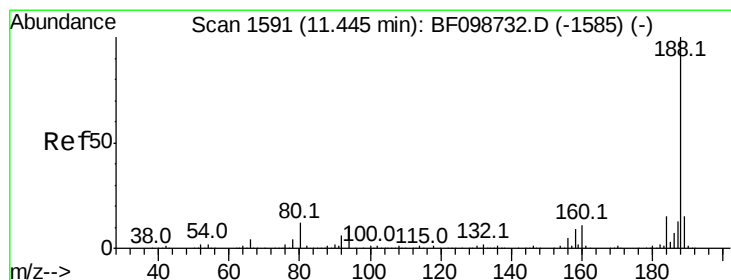
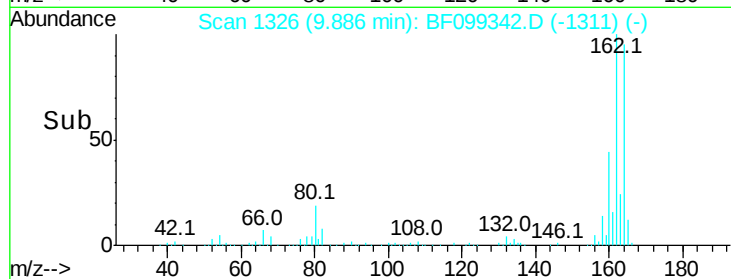
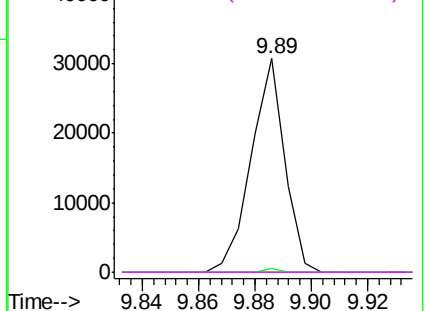


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

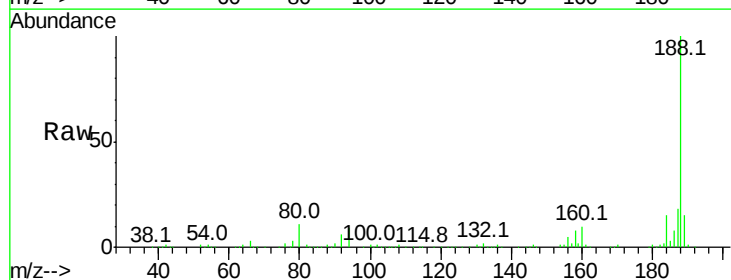
Ion 89.00 (88.70 to 89.70): BF0

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. -0.02 min
 Lab File: BF099342.D
 Acq: 11 Oct 2017 13:22

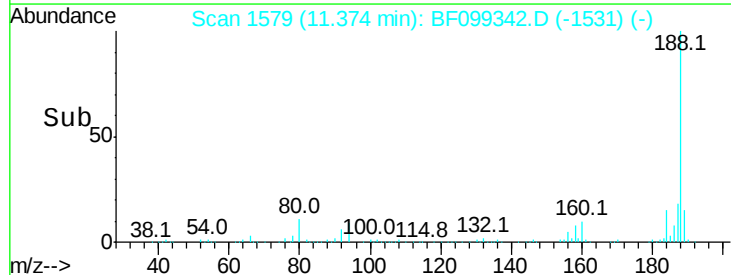
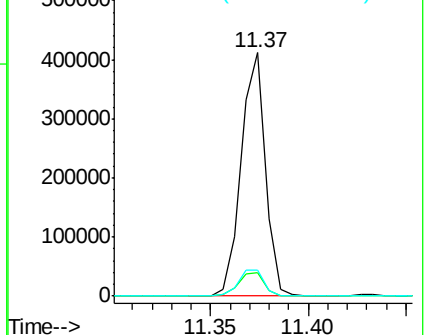
Tgt Ion:188	Resp:	353676
Ion Ratio	Lower	Upper
188	100	
94	9.5	8.5 12.7
80	10.9	9.2 13.8

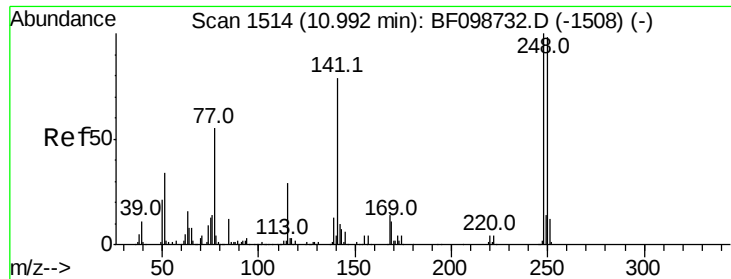


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

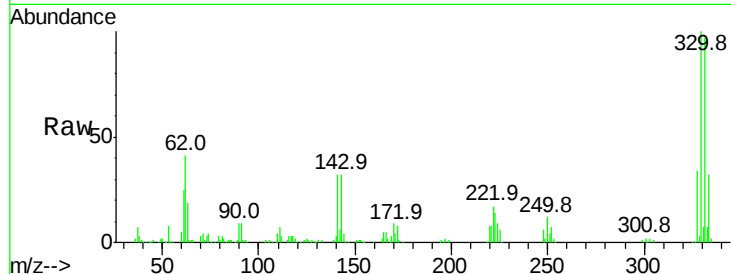




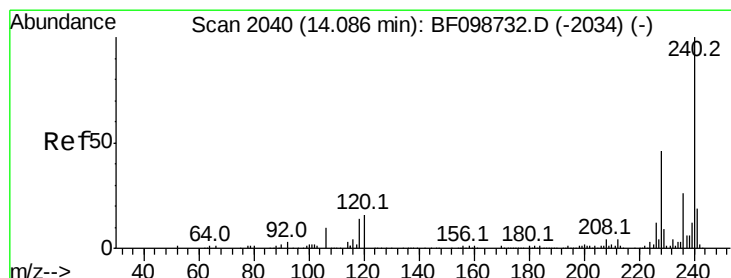
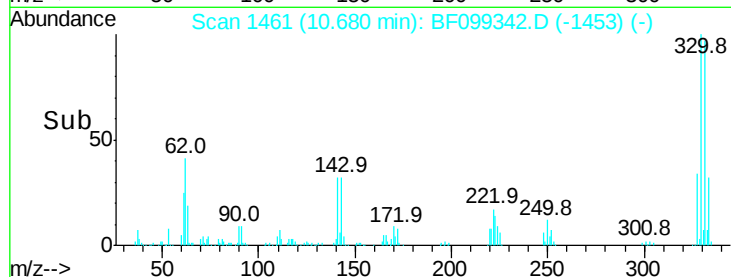
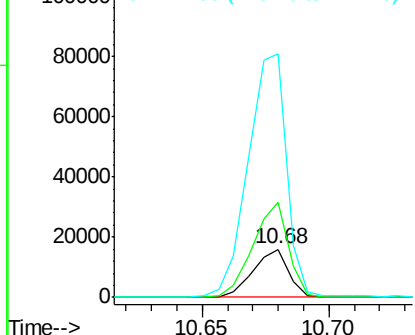
#66
 4-Bromophenyl-phenylether
 Concen: 4.455 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF099342.D
 Acq: 11 Oct 2017 13:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15423
 Ion Ratio Lower Upper
 248 100
 250 198.3 76.9 115.3#
 141 504.4 74.4 111.6#



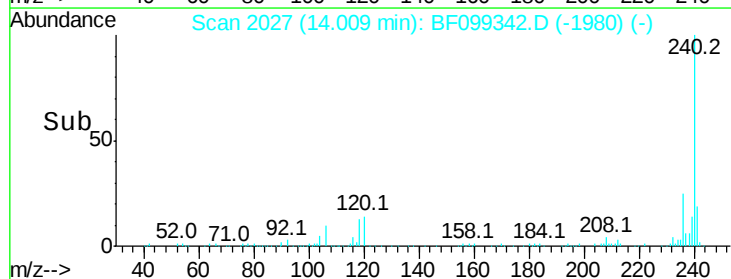
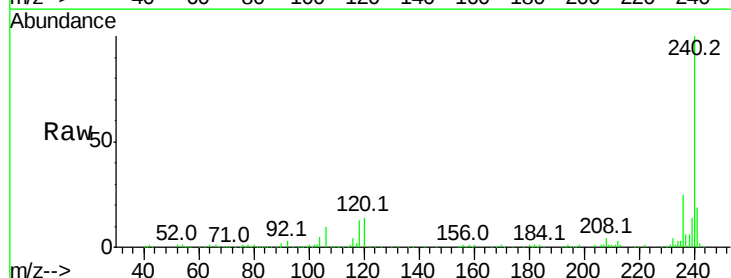
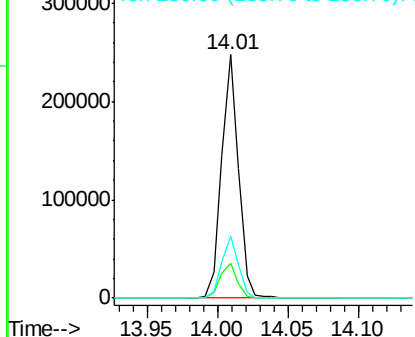
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF099342.D
 Acq: 11 Oct 2017 13:22

Tgt Ion:240 Resp: 206669
 Ion Ratio Lower Upper
 240 100
 120 14.3 9.5 14.3
 236 25.4 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: 113.117 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

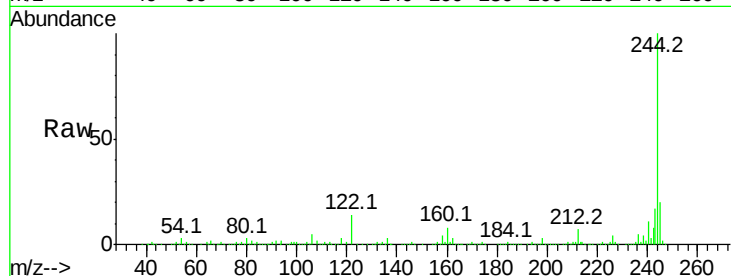
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1027957

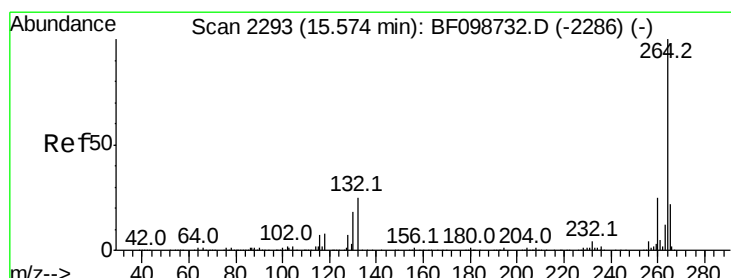
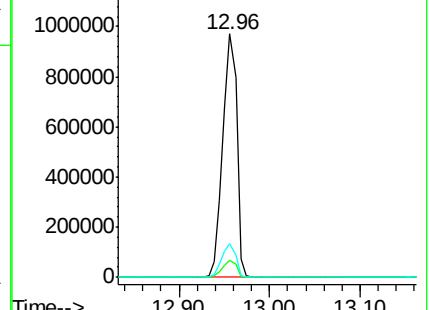
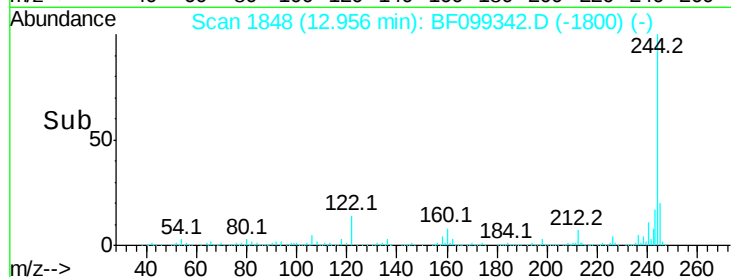
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.9	11.0	16.4



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: 15.48 min Scan# 2277

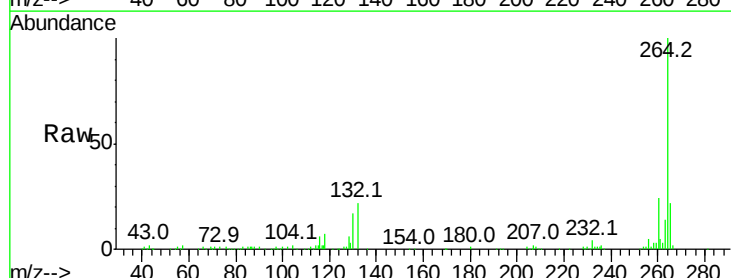
Delta R.T. -0.02 min

Lab File: BF099342.D

Acq: 11 Oct 2017 13:22

Tgt Ion:264 Resp: 176024

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	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

