

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099334.D
 Acq On : 11 Oct 2017 8:30
 Operator : SJ/JU
 Sample : I5748-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 11:02:17 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

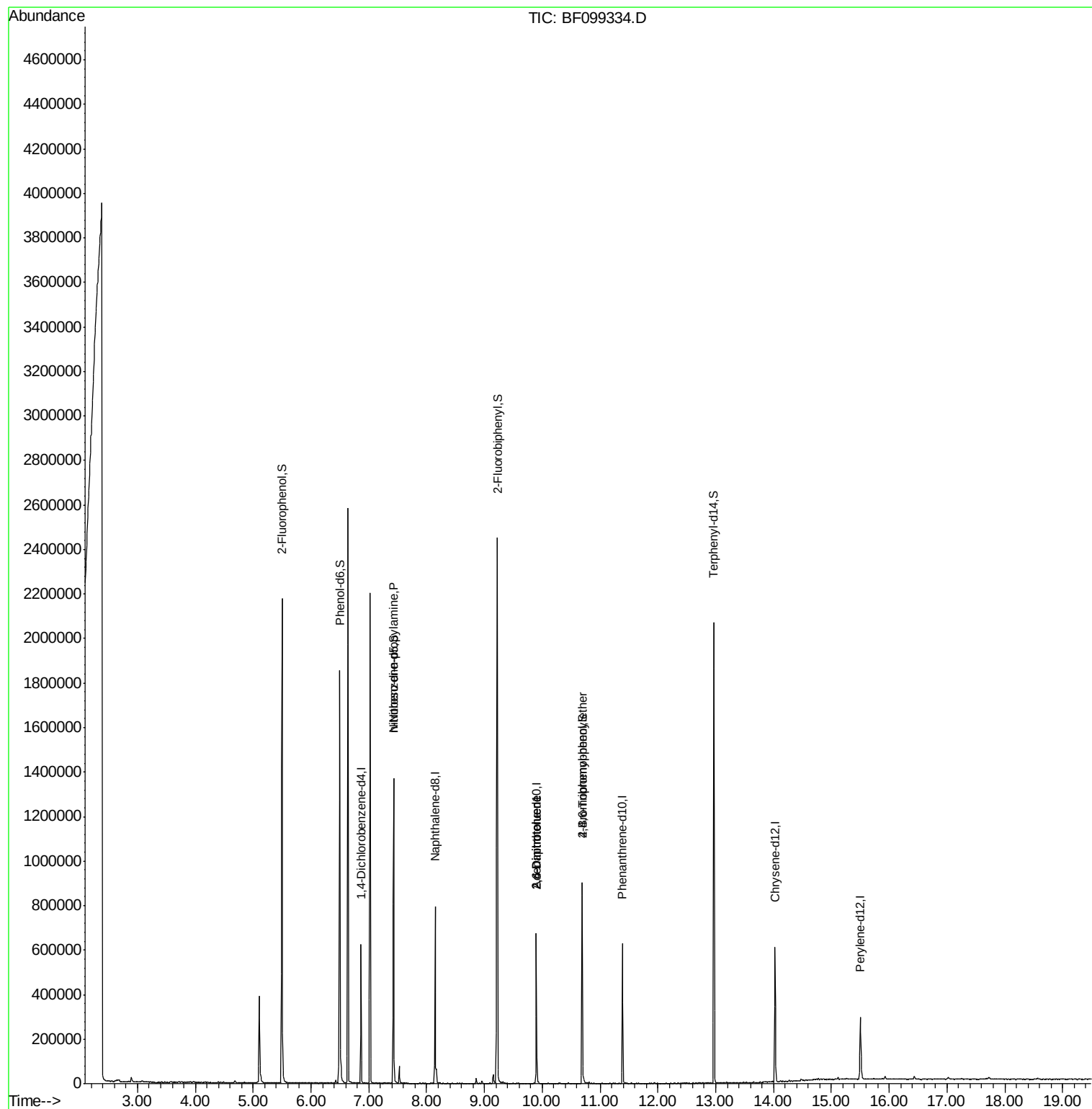
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	90449	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	343313	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	130560	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	209300	20.00	ng	0.00
75) Chrysene-d12	14.03	240	185276	20.00	ng	0.00
86) Perylene-d12	15.50	264	128143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	674540	118.72	ng	0.02
7) Phenol-d6	6.50	99	689954	98.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	464257	86.72	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	114786	107.44	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	855021	109.33	ng	0.00
78) Terphenyl-d14	12.97	244	699122	85.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	58487	13.070	ng	# 73
50) 2,6-Dinitrotoluene	9.90	165	16338	7.616	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	16338	5.868	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	7349	3.587	ng	# 1

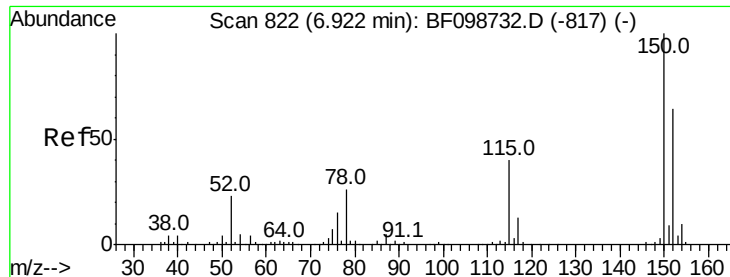
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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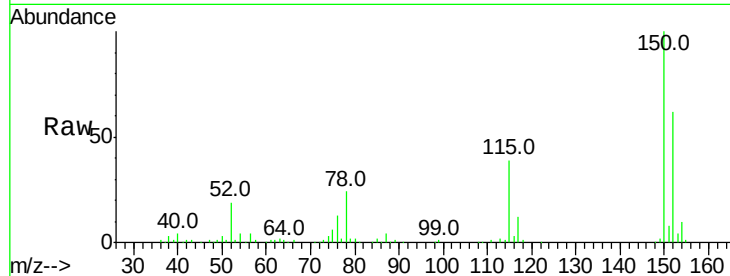


#1

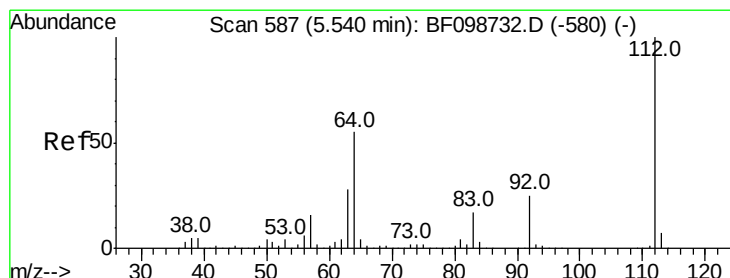
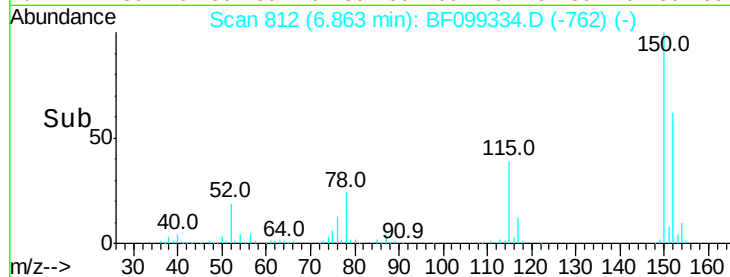
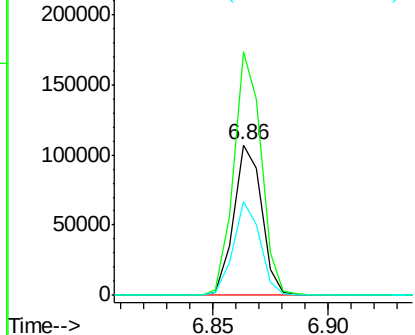
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099334.D
Acq: 11 Oct 2017 8:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90449
Ion Ratio Lower Upper
152 100
150 162.0 124.6 186.8
115 62.7 50.1 75.1



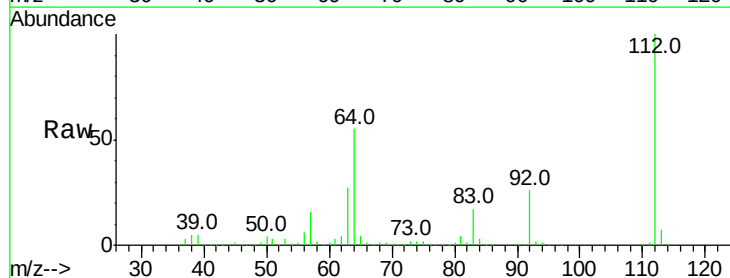
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



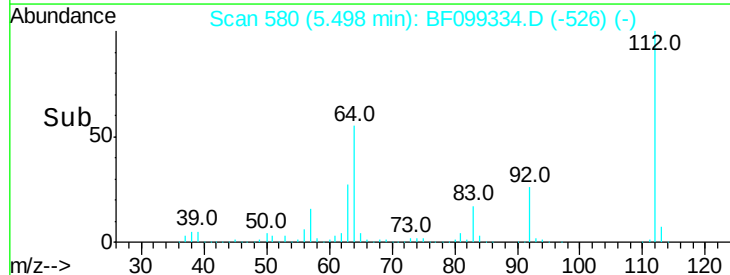
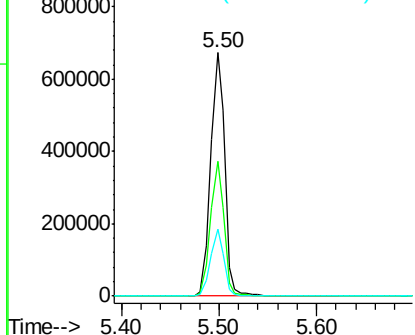
#5

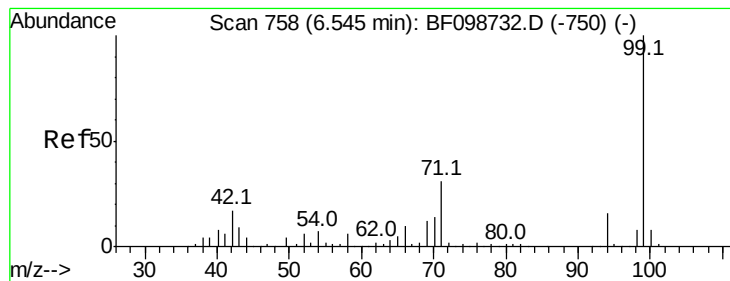
2-Fluorophenol
Concen: 118.719 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099334.D
Acq: 11 Oct 2017 8:30

Tgt Ion:112 Resp: 674540
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.3 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: 98.436 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099334.D

Acq: 11 Oct 2017 8:30

Instrument :

BNA_F

ClientSampleId :

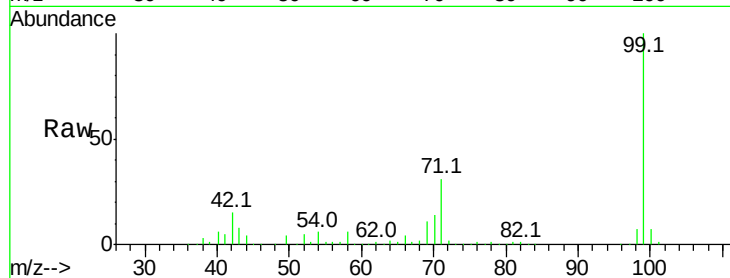
Tot Ion: 99 Resp: 689954

Ion Ratio Lower Upper

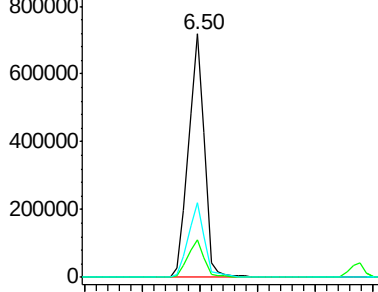
99 100

42 15.4 14.5 21.7

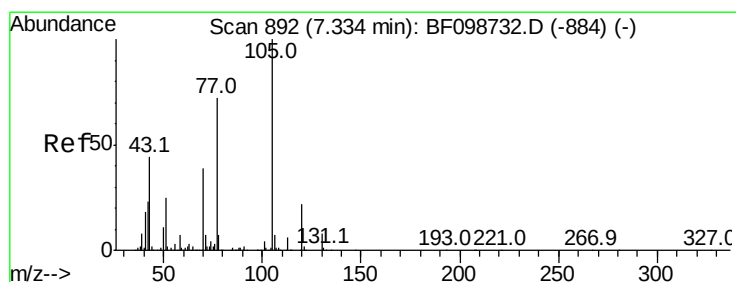
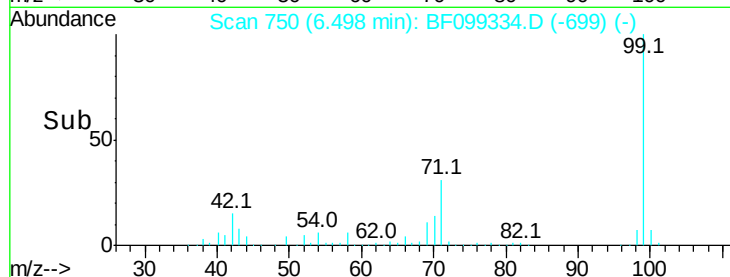
71 30.9 25.4 38.0



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



Time--> 6.40 6.45 6.50 6.55 6.60



#19

n-Nitroso-di-n-propylamine

Concen: 13.070 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099334.D

Acq: 11 Oct 2017 8:30

Tgt Ion: 70 Resp: 58487

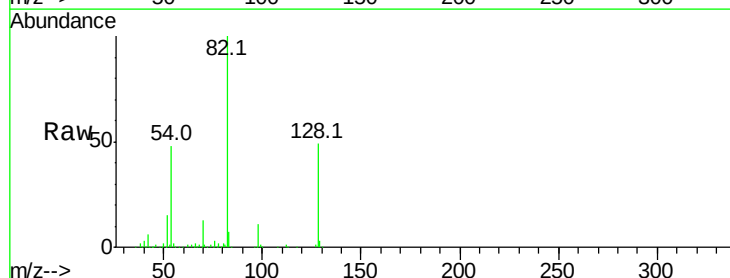
Ion Ratio Lower Upper

70 100

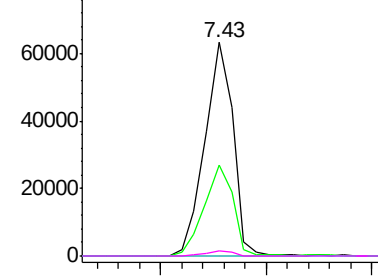
42 42.8 47.5 71.3#

101 0.0 7.4 11.2#

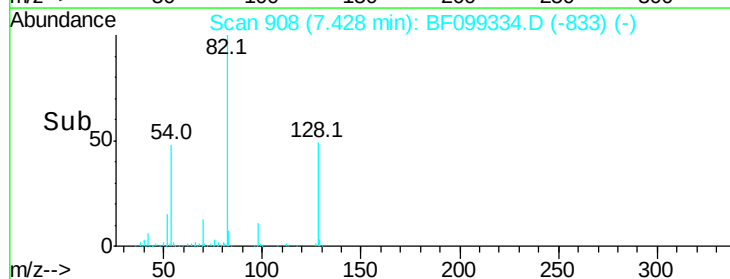
130 2.3 16.6 25.0#

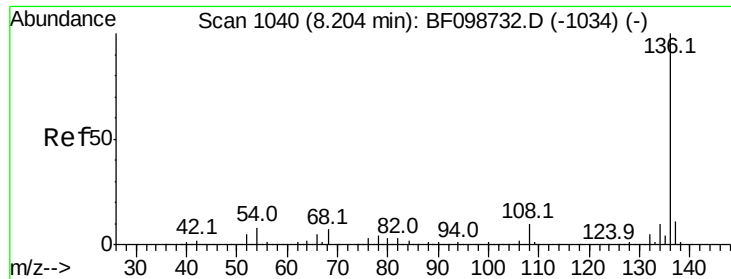


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0



Time--> 7.40 7.45

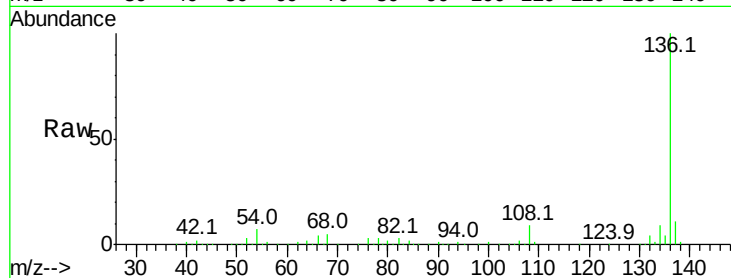




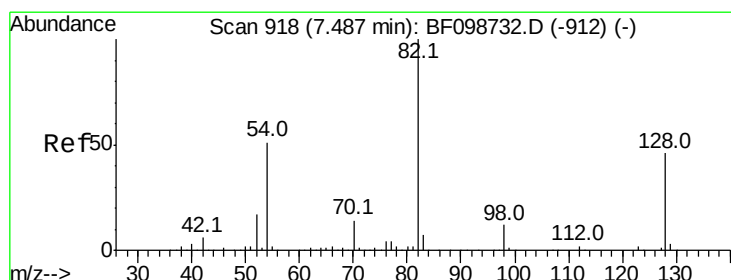
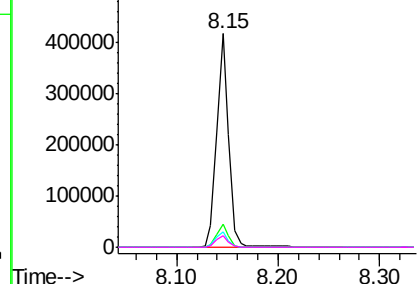
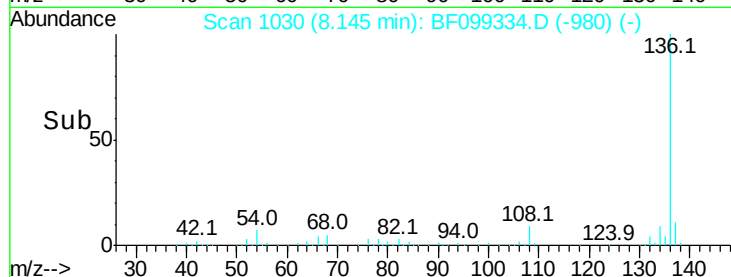
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099334.D
Acq: 11 Oct 2017 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	343313
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.6	9.8
68	5.5	5.0	7.4

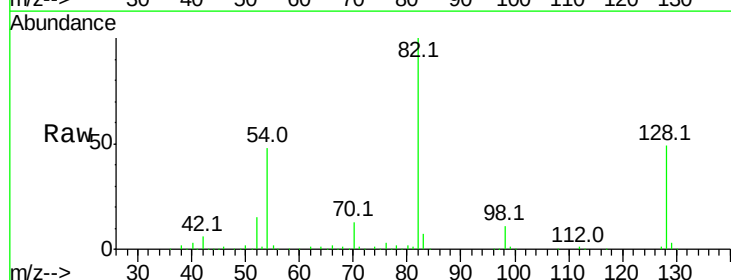


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

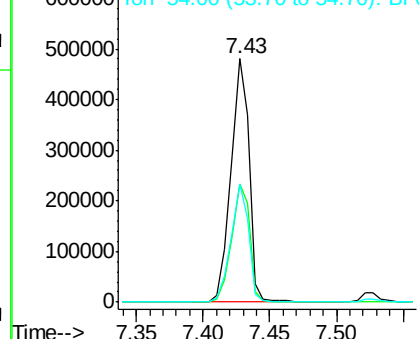
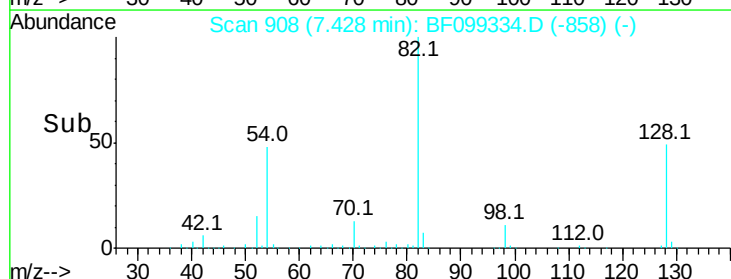


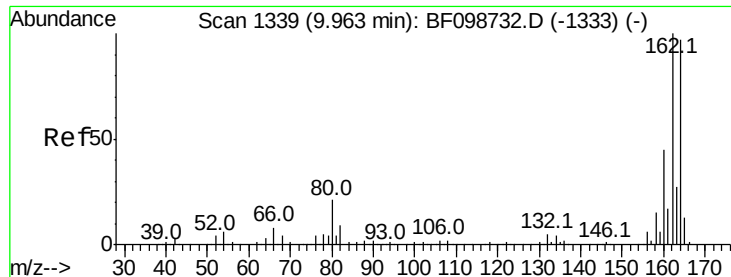
#23
Nitrobenzene-d5
Concen: 86.722 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099334.D
Acq: 11 Oct 2017 8:30

Tgt Ion:	82	Resp:	464257
Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	48.5	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

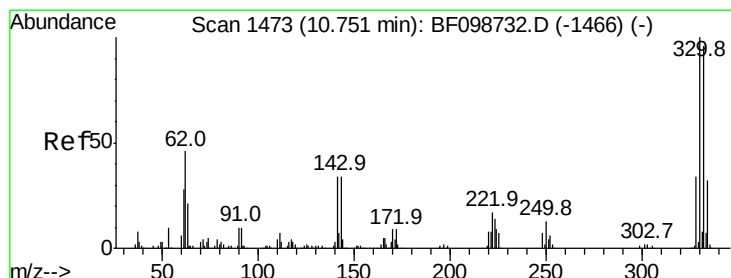
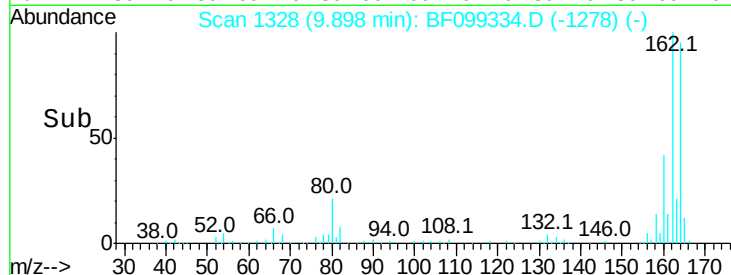
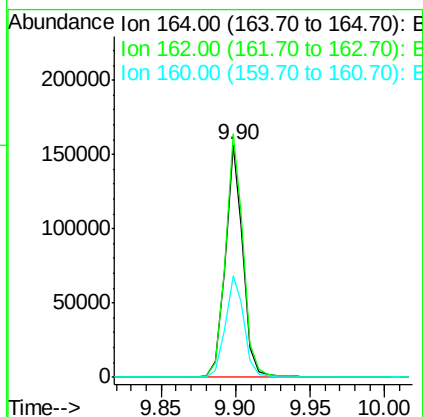
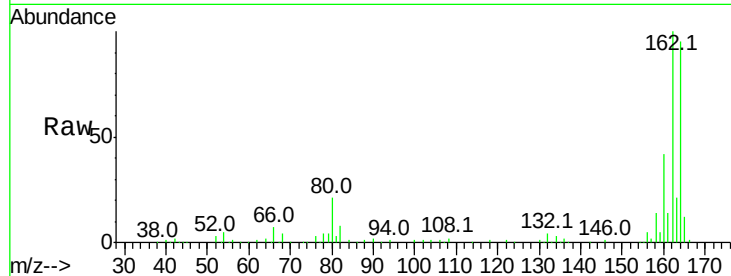




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099334.D
Acq: 11 Oct 2017 8:30

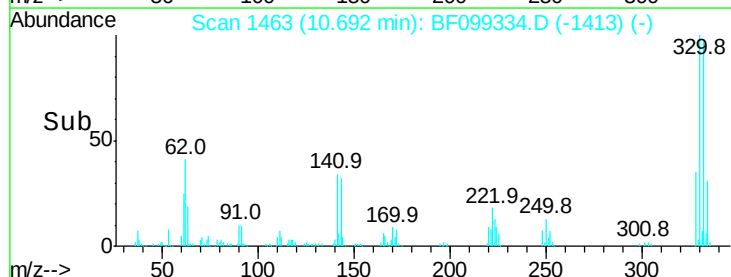
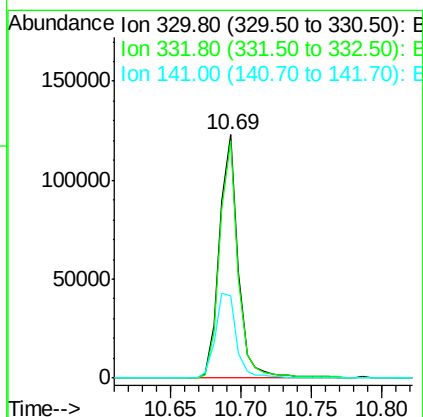
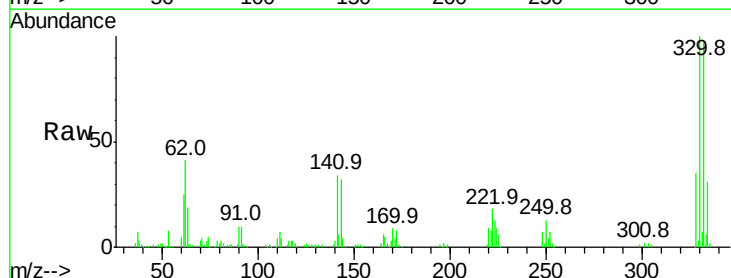
Instrument :
BNA_F
ClientSampleId :

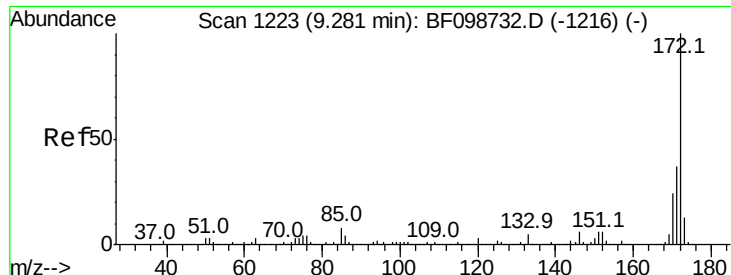
Tot Ion:164 Resp: 130560
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 43.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 107.444 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099334.D
Acq: 11 Oct 2017 8:30

Tgt Ion:330 Resp: 114786
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 38.9 29.9 44.9

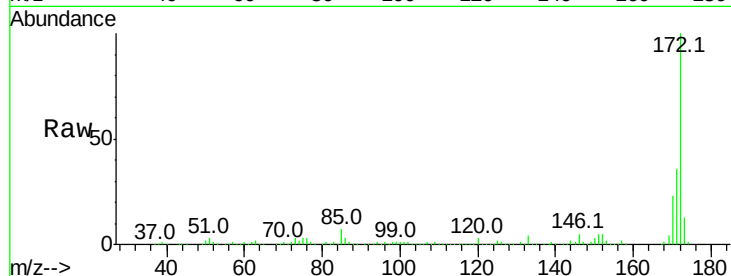




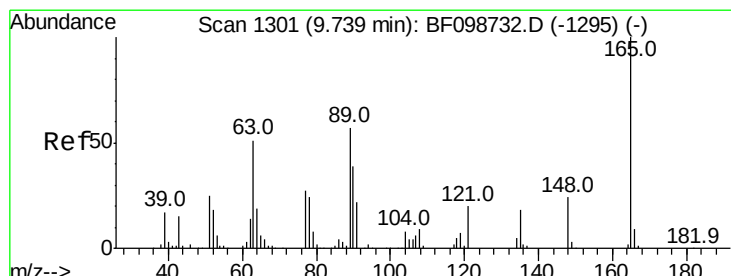
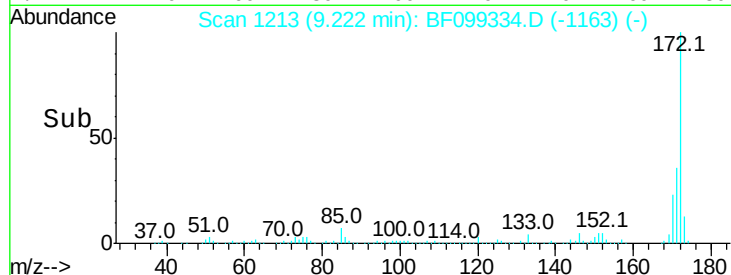
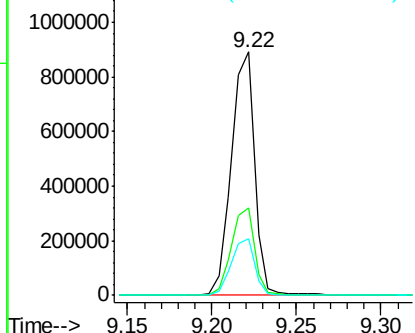
#44
 2-Fluorobiphenyl
 Concen: 109.328 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099334.D
 Acq: 11 Oct 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 855021
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.4 19.6 29.4

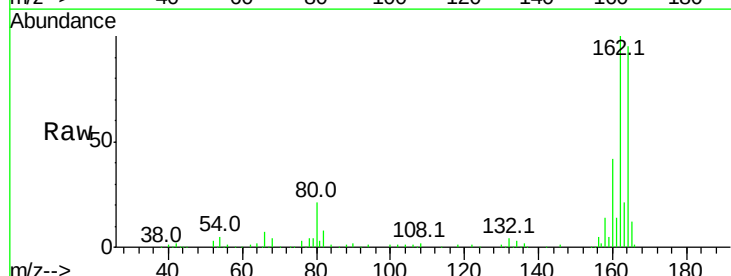


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

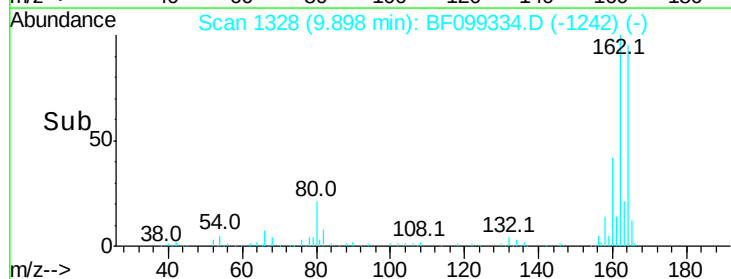
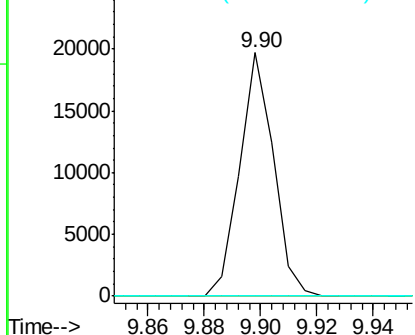


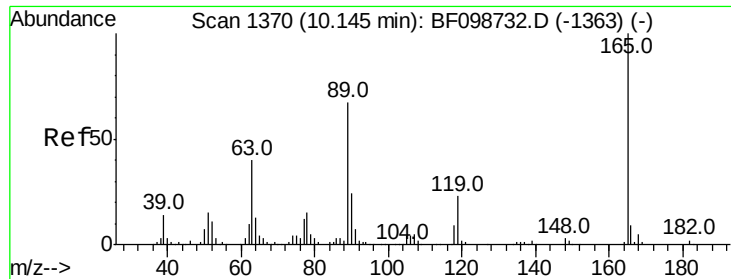
#50
 2,6-Dinitrotoluene
 Concen: 7.616 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099334.D
 Acq: 11 Oct 2017 8:30

Tgt Ion:165 Resp: 16338
 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

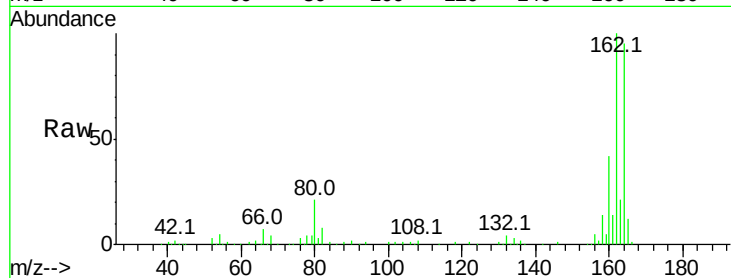




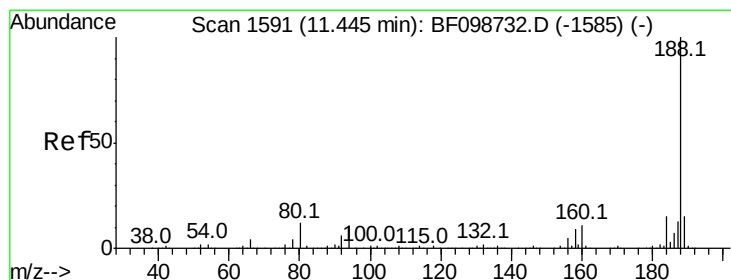
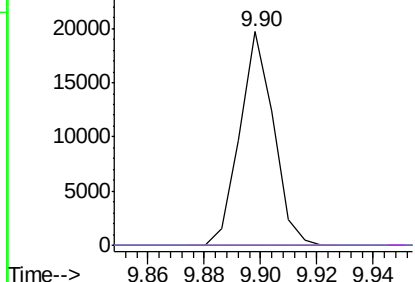
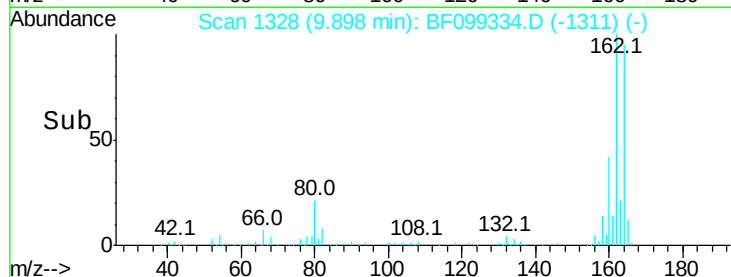
#56
 2,4-Dinitrotoluene
 Concen: 5.868 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099334.D
 Acq: 11 Oct 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16338
 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#

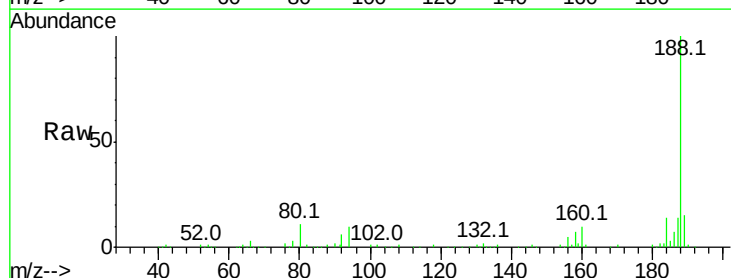


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

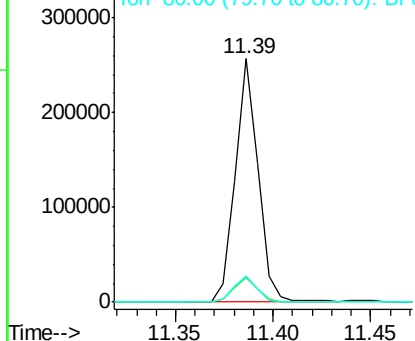
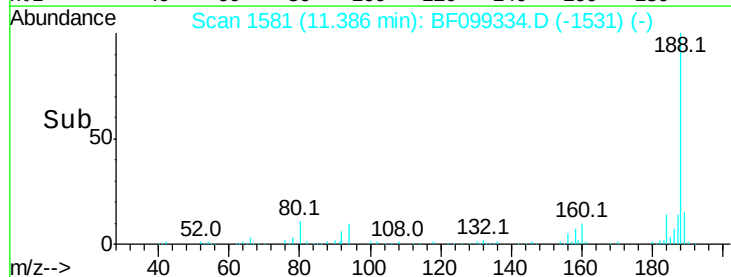


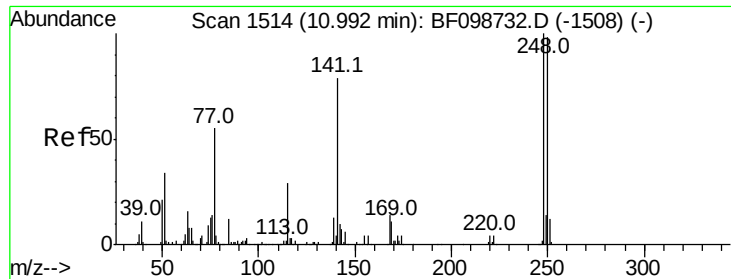
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099334.D
 Acq: 11 Oct 2017 8:30

Tgt Ion:188 Resp: 209300
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.6 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

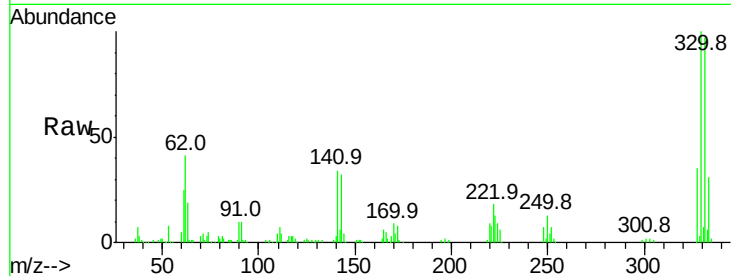




#66
 4-Bromophenyl-phenylether
 Concen: 3.587 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099334.D
 Acq: 11 Oct 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	190.8	76.9	115.3#
141	501.2	74.4	111.6#

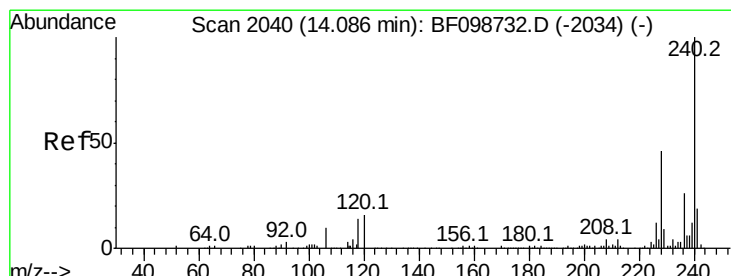
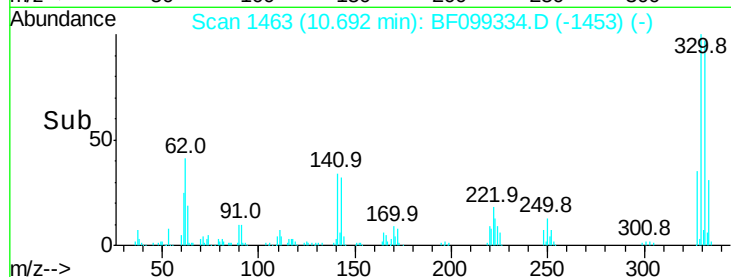
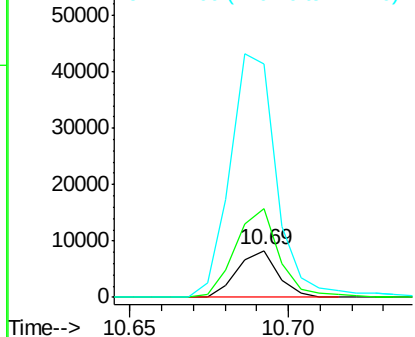


Abundance

Ion 248.00 (247.70 to 248.70): E

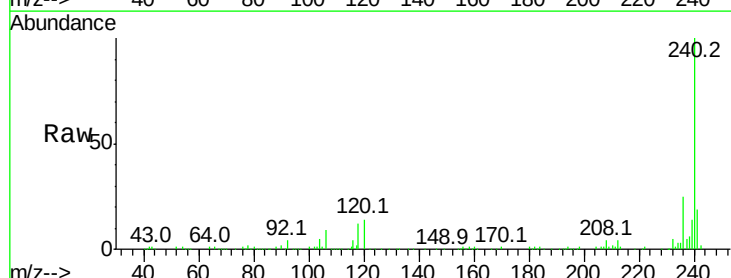
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099334.D
 Acq: 11 Oct 2017 8:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	25.1	20.7	31.1

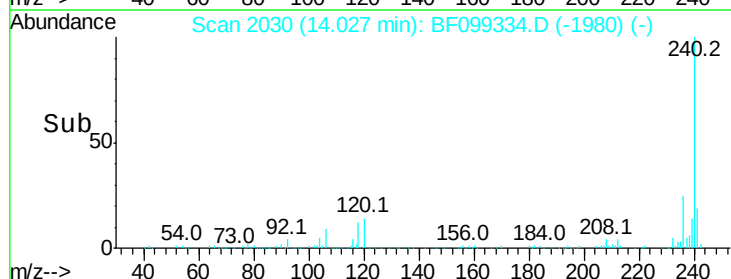
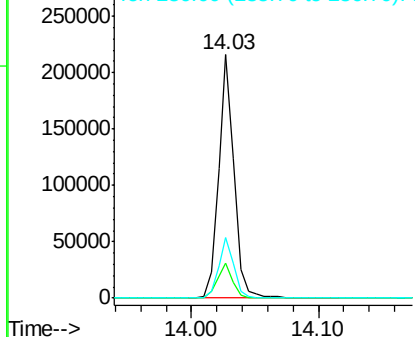


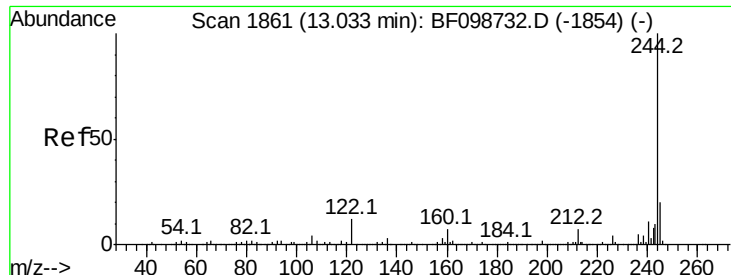
Abundance

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

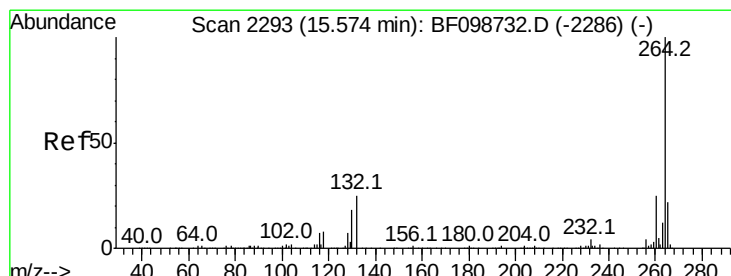
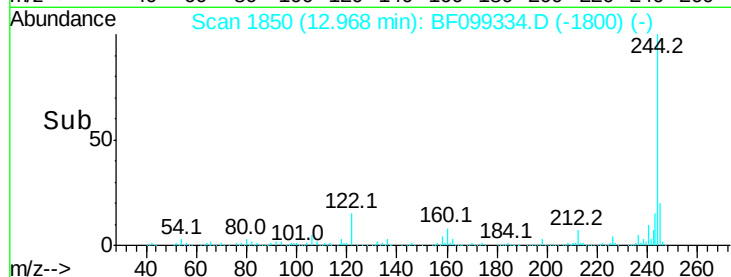
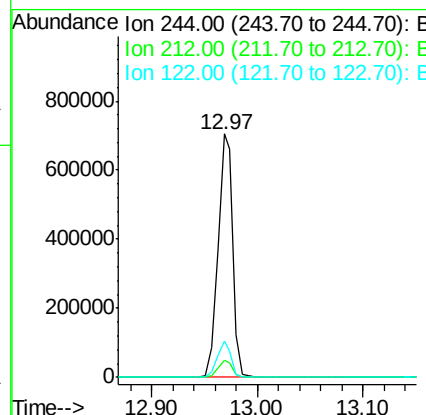
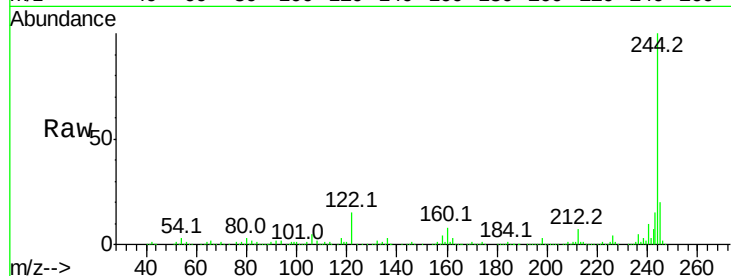




#78
 Terphenyl-d14
 Concen: 85.815 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099334.D
 Acq: 11 Oct 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 699122
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099334.D
 Acq: 11 Oct 2017 8:30

Tgt Ion:264 Resp: 128143
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 17.5 26.3

