

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099551.D
 Acq On : 16 Oct 2017 18:35
 Operator : SJ/JU
 Sample : I5816-01RE 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 19:16:15 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

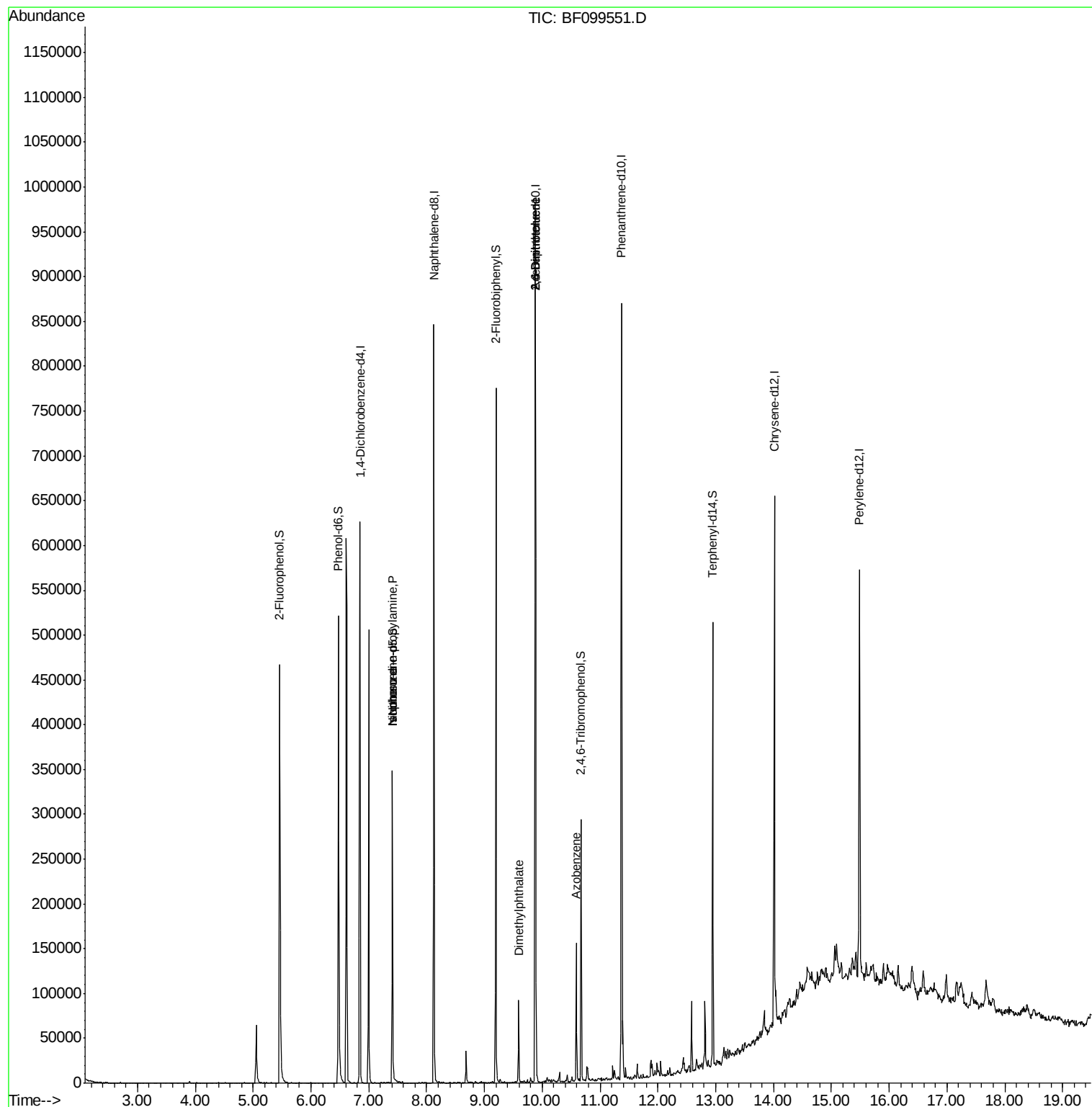
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103437	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	419947	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	180679	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	281296	20.00	ng	0.00
75) Chrysene-d12	14.02	240	187365	20.00	ng	0.00
86) Perylene-d12	15.49	264	201507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	158381	24.37	ng	-0.01
7) Phenol-d6	6.47	99	190490	23.76	ng	-0.01
23) Nitrobenzene-d5	7.40	82	110217	16.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	31758	21.48	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	224068	20.70	ng	-0.01
78) Terphenyl-d14	12.95	244	145148	17.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	13338	2.606	ng	# 77
25) Isophorone	7.40	82	110216	8.141	ng	# 64
49) Dimethylphthalate	9.59	163	36444	2.673	ng	# 99
50) 2,6-Dinitrotoluene	9.88	165	22966	7.736	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	22966	5.961	ng	# 22
62) Azobenzene	10.59	77	25258	2.062	ng	# 1

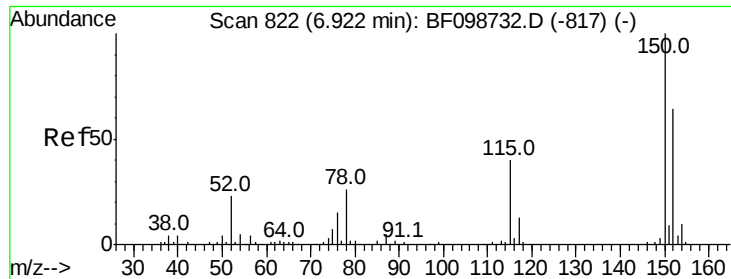
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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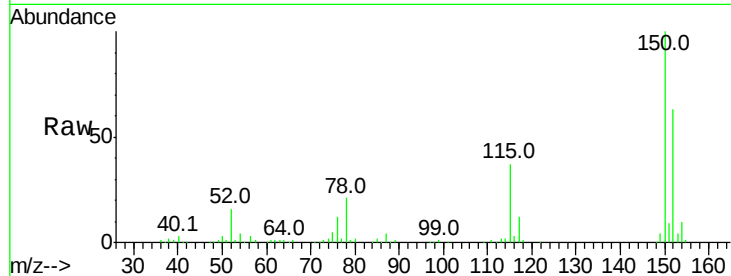


#1

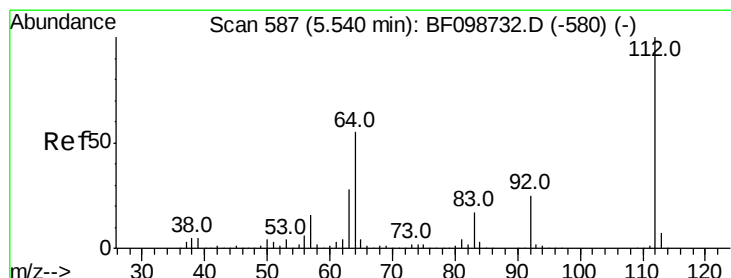
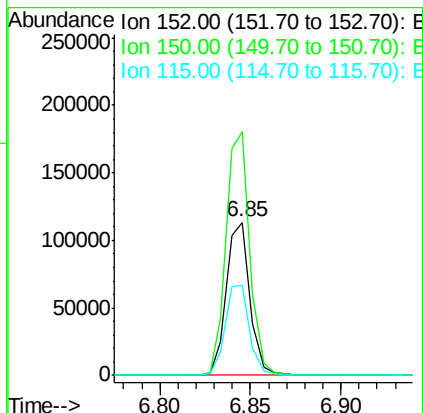
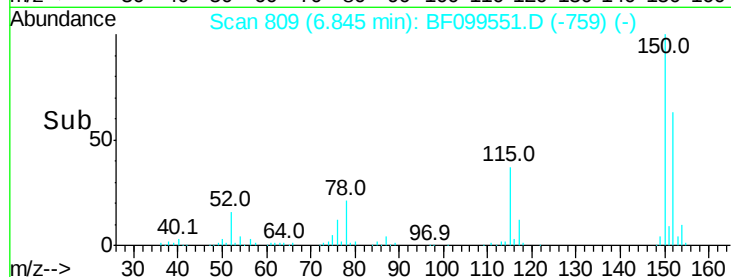
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099551.D
Acq: 16 Oct 2017 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103437
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 58.7 50.1 75.1



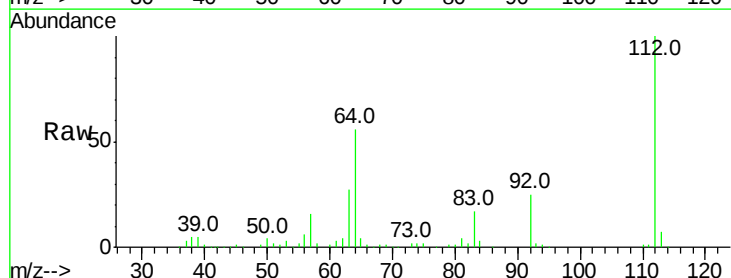
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



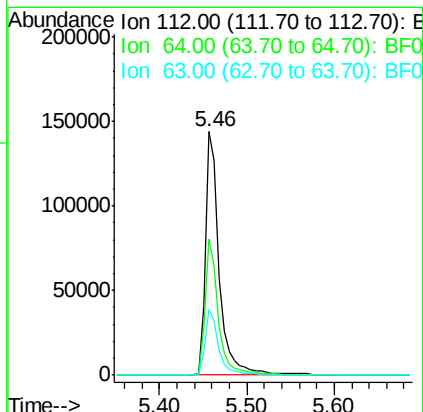
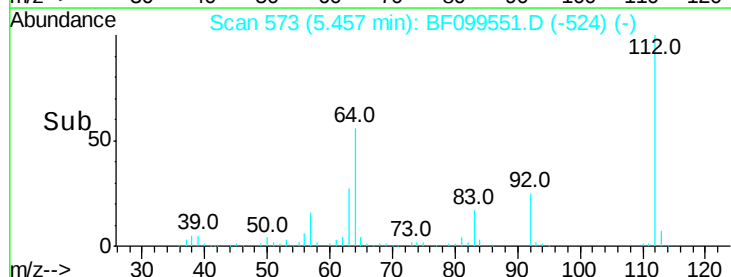
#5

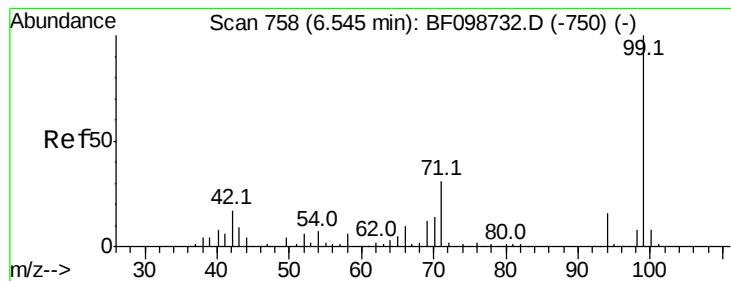
2-Fluorophenol
Concen: 24.375 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF099551.D
Acq: 16 Oct 2017 18:35

Tgt Ion:112 Resp: 158381
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 27.0 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: 23.765 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

Instrument :

BNA_F

ClientSampled :

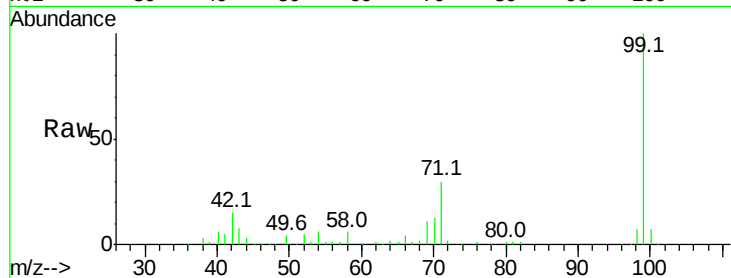
Tot Ion: 99 Resp: 190490

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

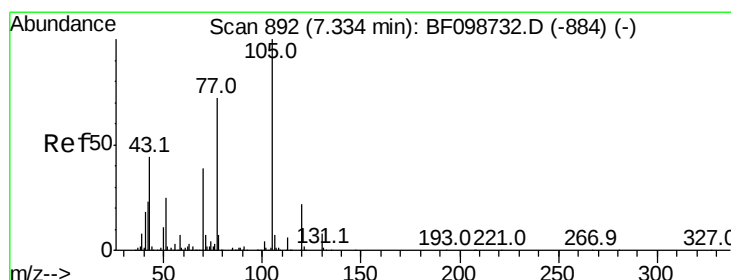
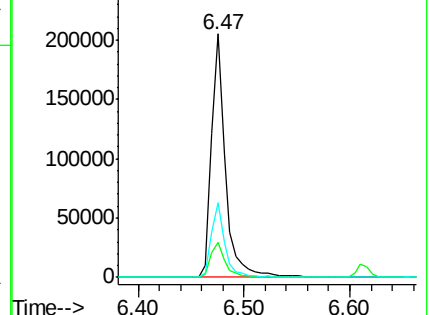
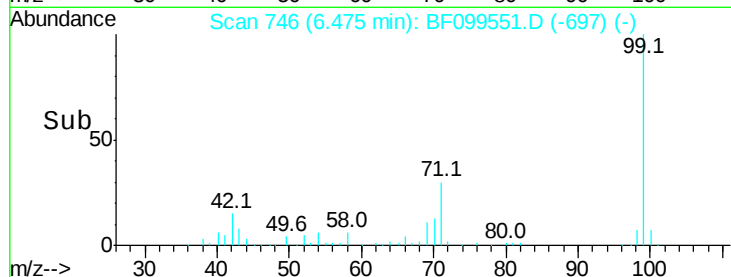
71 30.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.606 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

Tgt Ion: 70 Resp: 13338

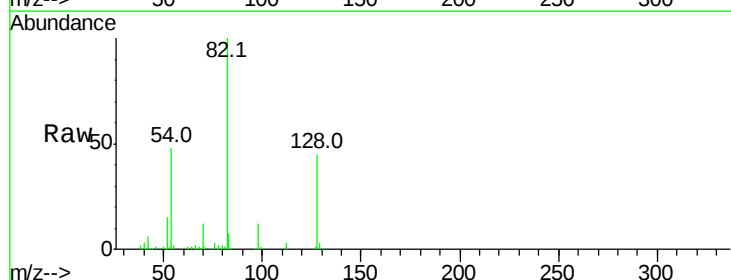
Ion Ratio Lower Upper

70 100

42 46.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

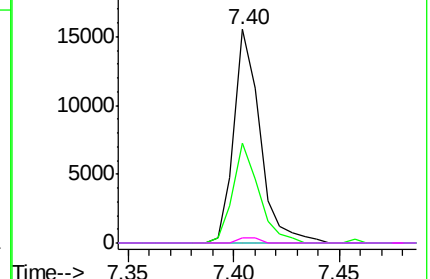
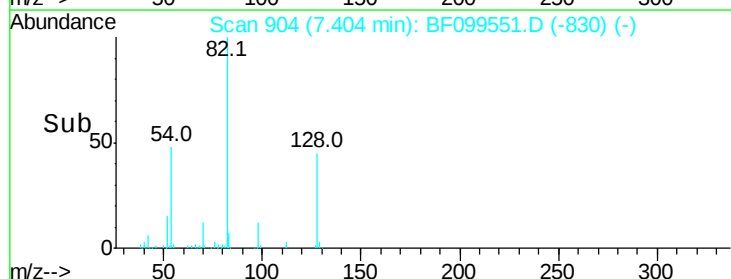


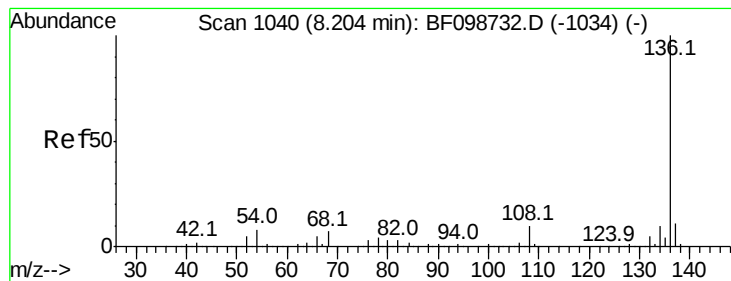
Abundance Ion 70.00 (69.70 to 70.70): BF0

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# 1027

Delta R.T. -0.01 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 419947

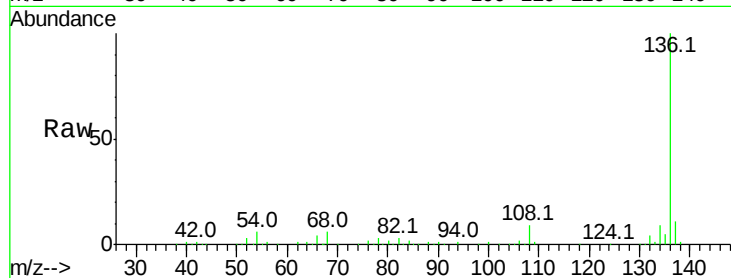
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4

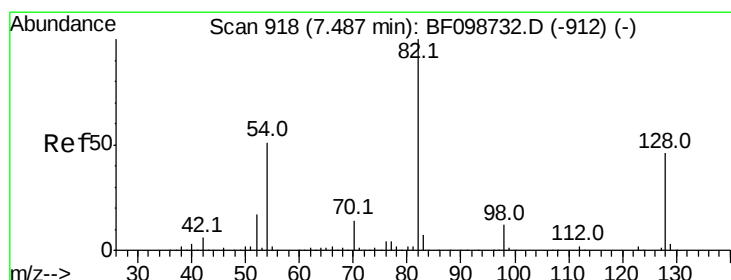
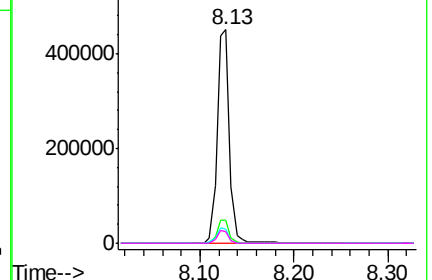
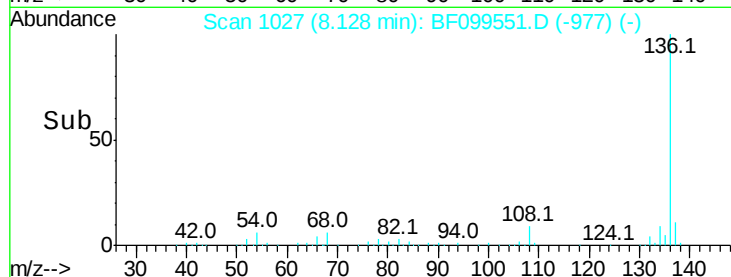


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.831 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

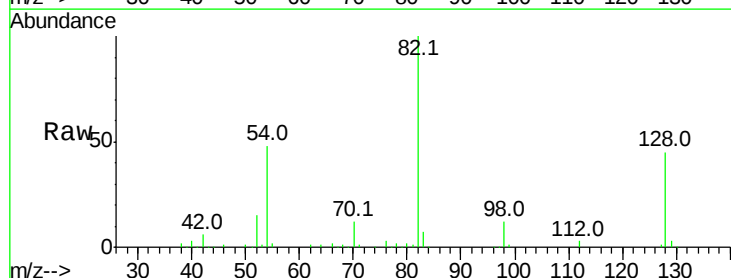
Tgt Ion: 82 Resp: 110217

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

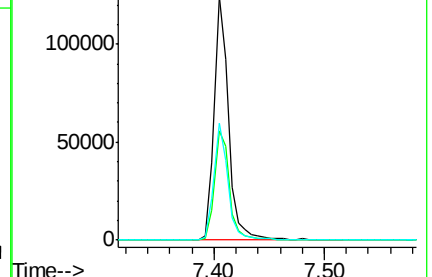
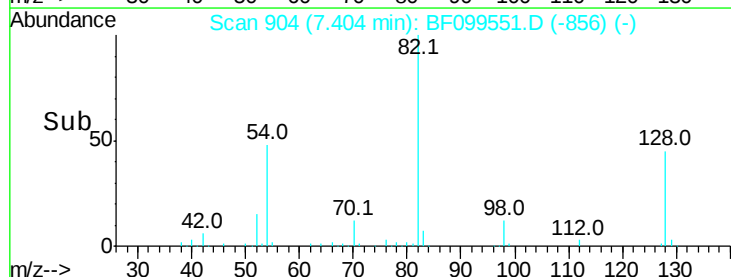
54 47.8 41.4 62.2

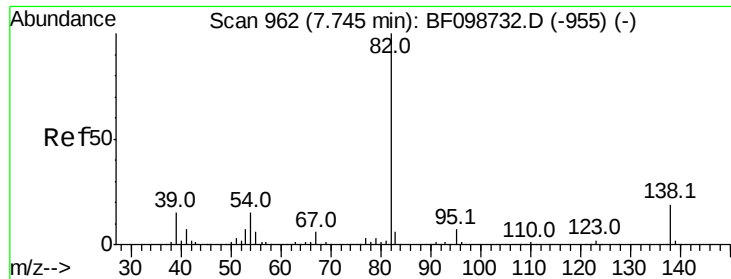


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 8.141 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

Instrument :

BNA_F

ClientSampleId :

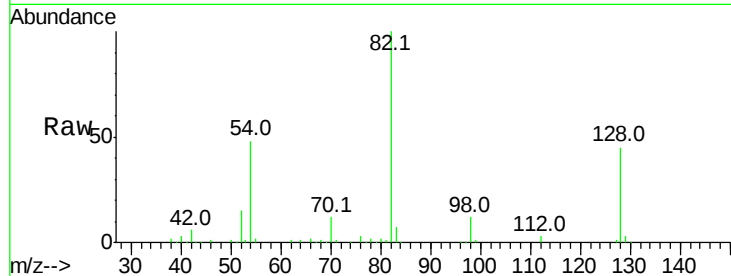
Tot Ion: 82 Resp: 110216

Ion Ratio Lower Upper

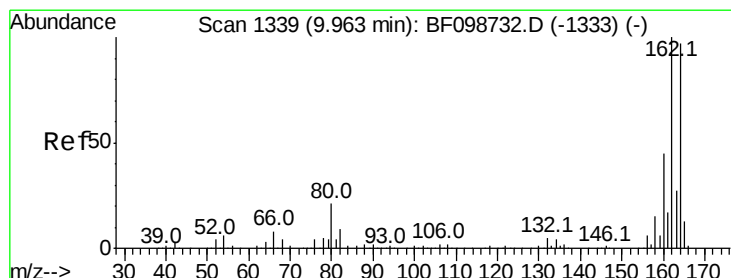
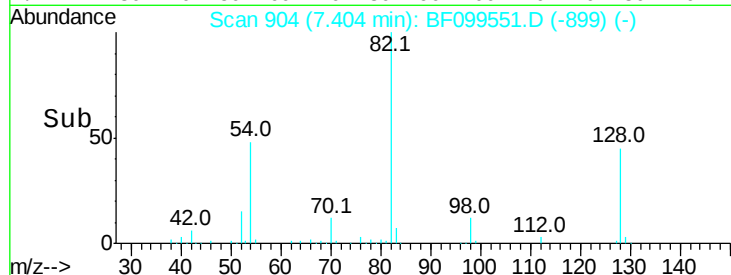
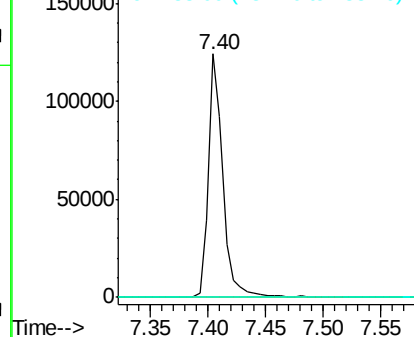
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

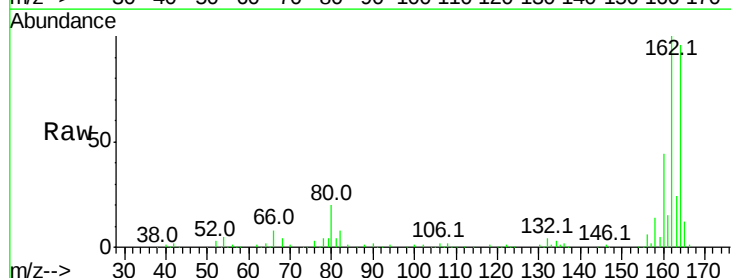
Tgt Ion:164 Resp: 180679

Ion Ratio Lower Upper

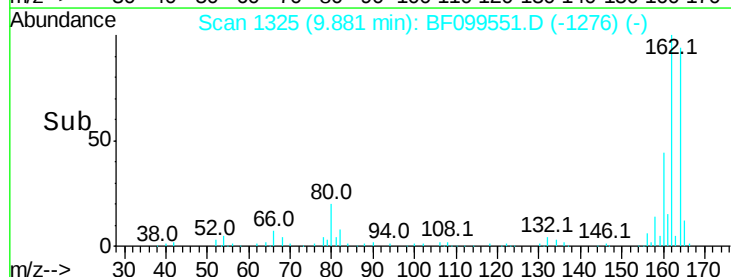
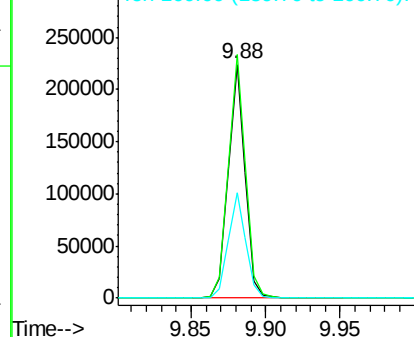
164 100

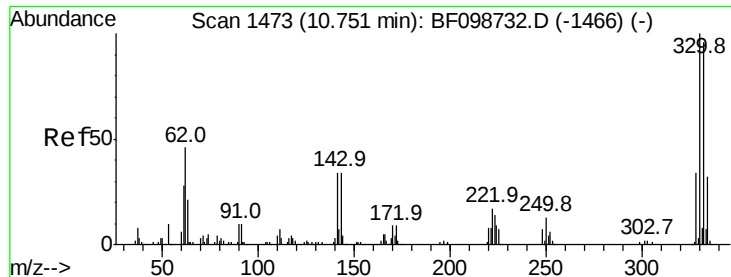
162 104.1 86.1 129.1

160 45.3 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

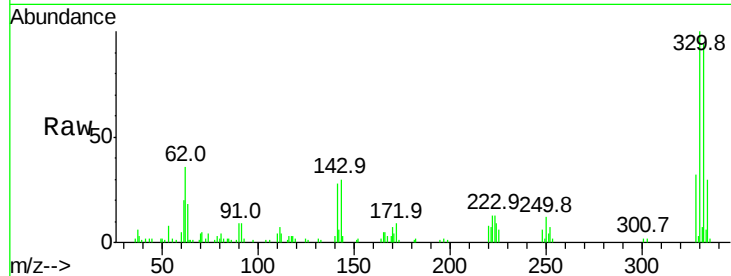




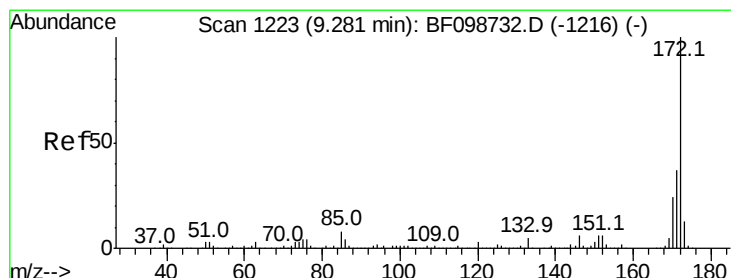
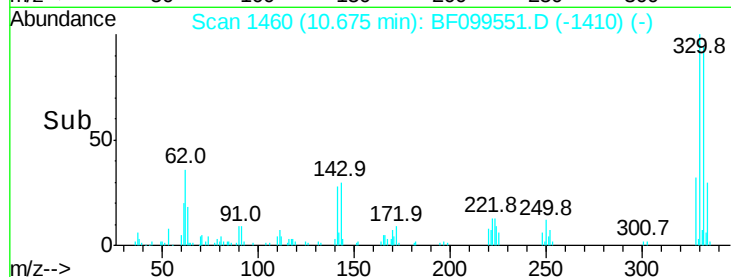
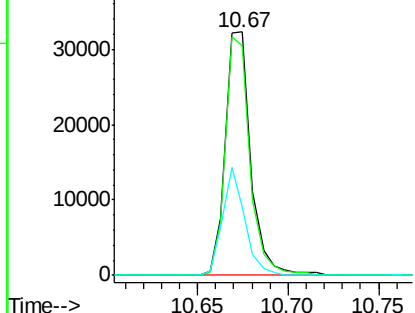
#41
 2,4,6-Tribromophenol
 Concen: 21.481 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 31758
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 38.3 29.9 44.9

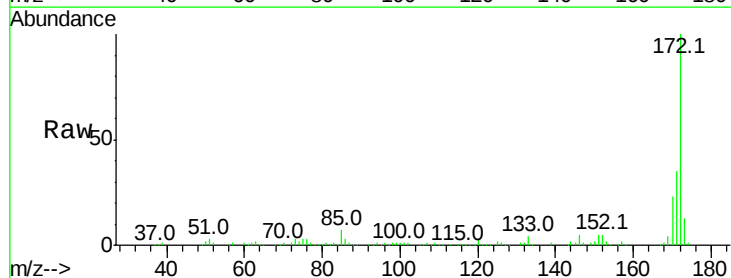


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

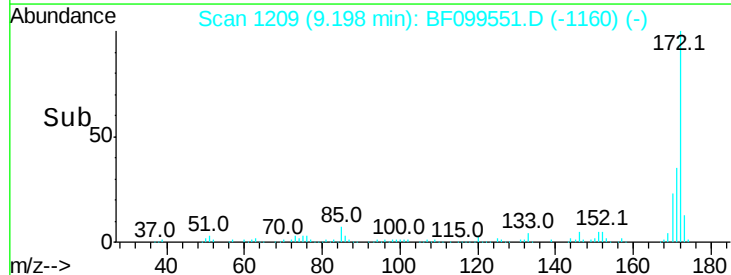
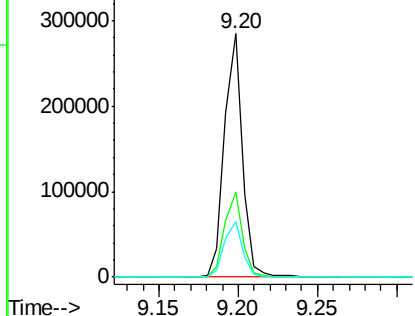


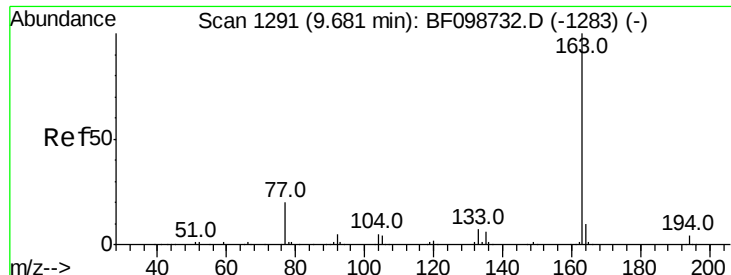
#44
 2-Fluorobiphenyl
 Concen: 20.703 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Tgt Ion:172 Resp: 224068
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 22.8 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

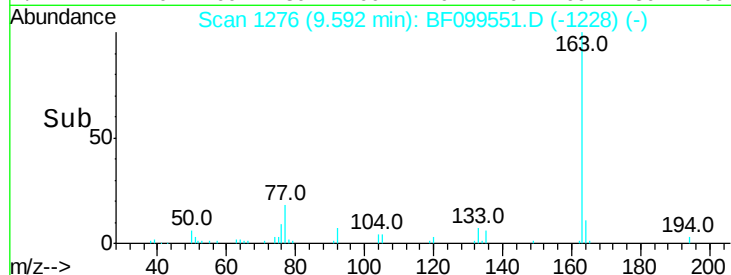
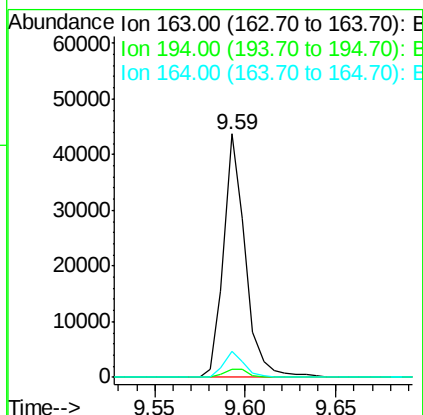
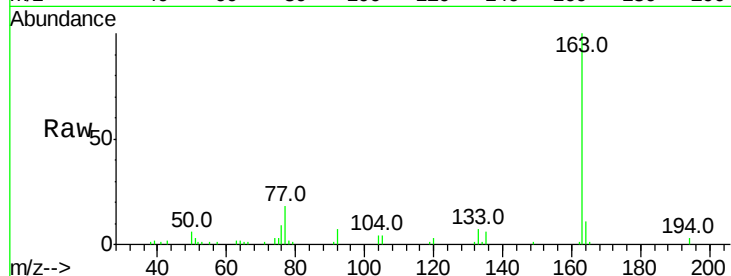




#49
Dimethylphthalate
Concen: 2.673 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099551.D
Acq: 16 Oct 2017 18:35

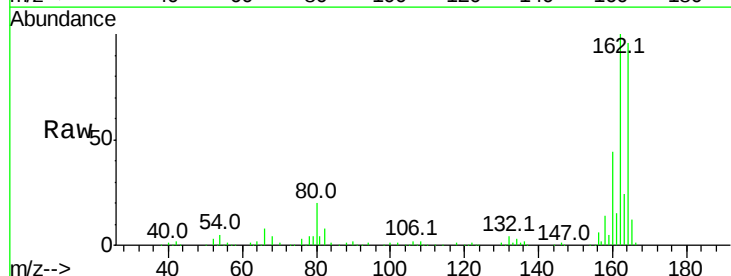
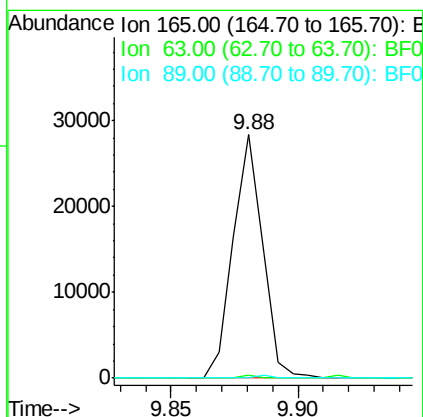
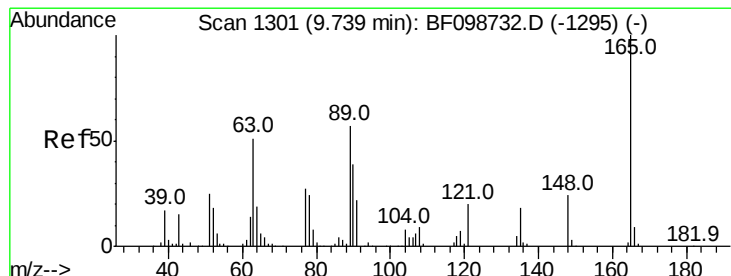
Instrument :
BNA_F
ClientSampled :

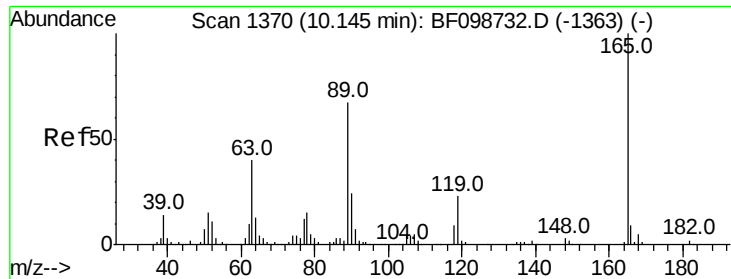
Tot Ion:163 Resp: 36444
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.736 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.20 min
Lab File: BF099551.D
Acq: 16 Oct 2017 18:35

Tgt Ion:165 Resp: 22966
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 0.0 44.0 66.0#

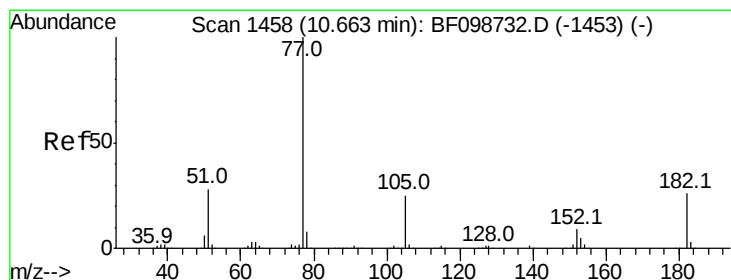
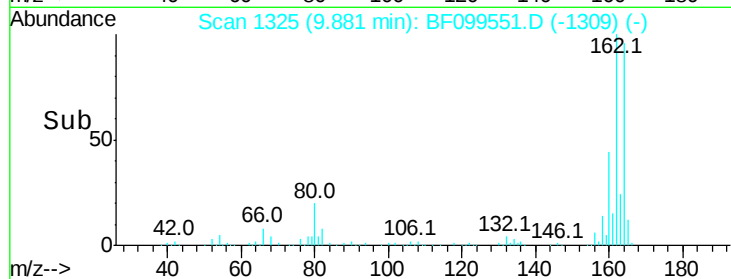
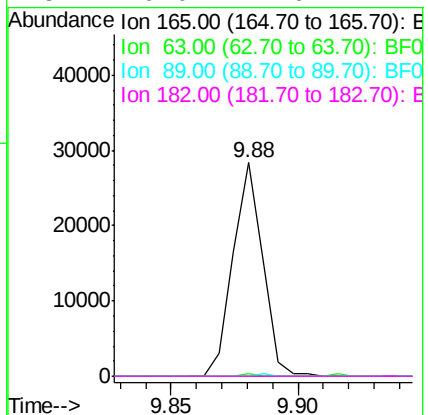
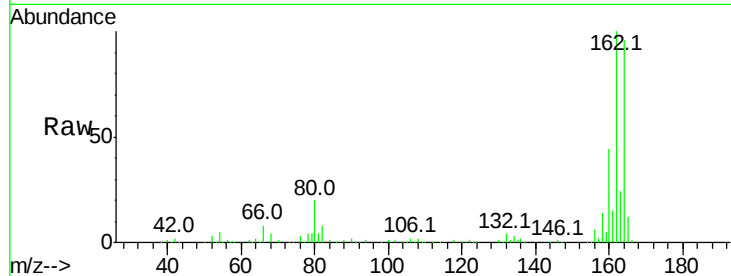




#56
 2,4-Dinitrotoluene
 Concen: 5.961 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.21 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

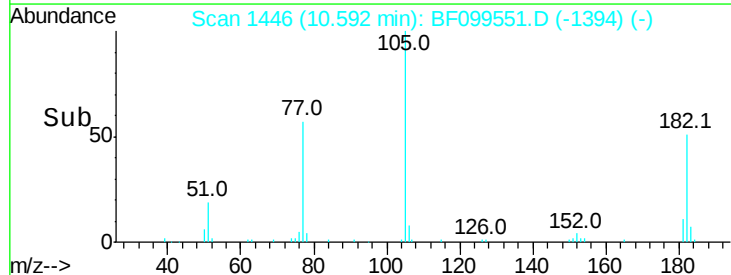
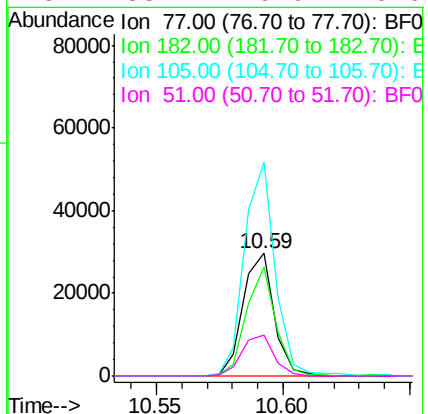
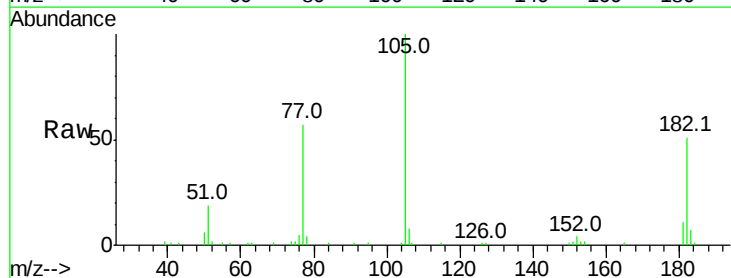
Instrument :
 BNA_F
 ClientSampleId :

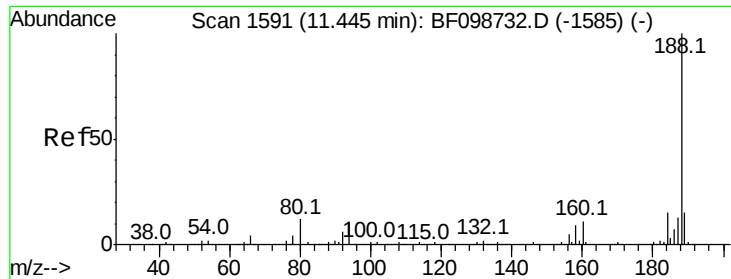
Tot Ion:	165	Resp:	22966
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.062 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Tgt Ion:	77	Resp:	25258
Ion	Ratio	Lower	Upper
77	100		
182	88.7	1.7	41.7#
105	174.2	3.0	43.0#
51	33.7	9.9	49.9

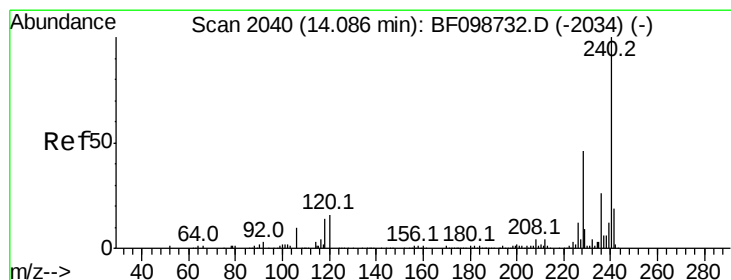
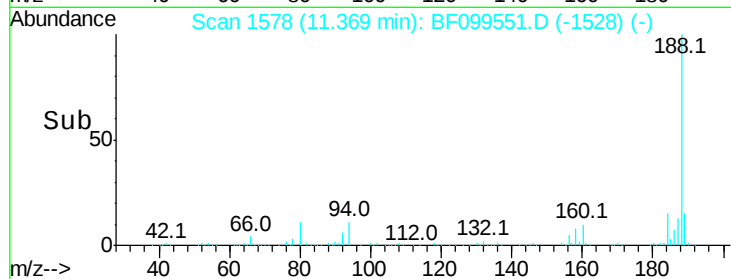
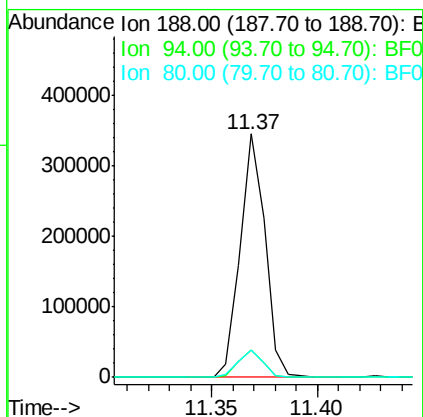
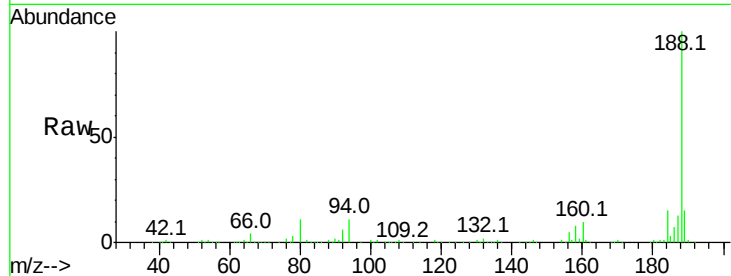




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

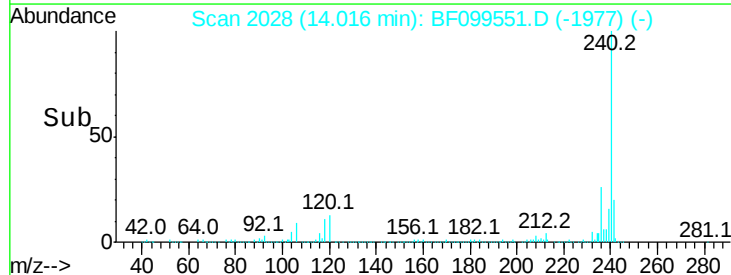
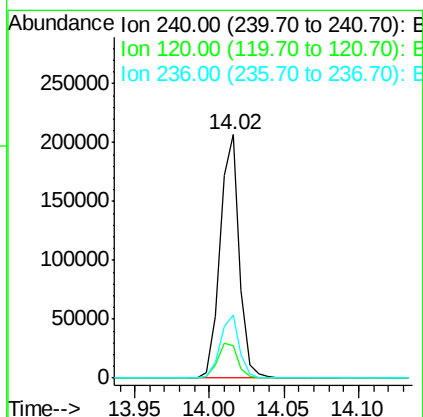
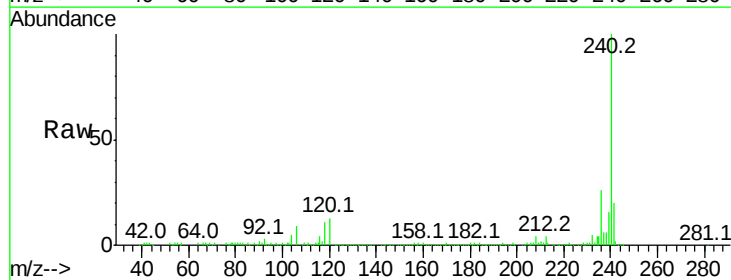
Instrument :
 BNA_F
 ClientSampleId :

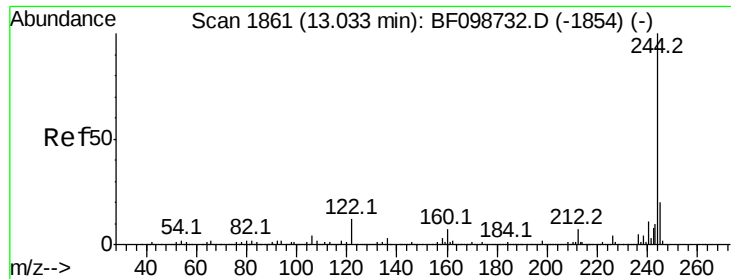
Tot Ion:188 Resp: 281296
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 11.4 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Tgt Ion:240 Resp: 187365
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 26.2 20.7 31.1

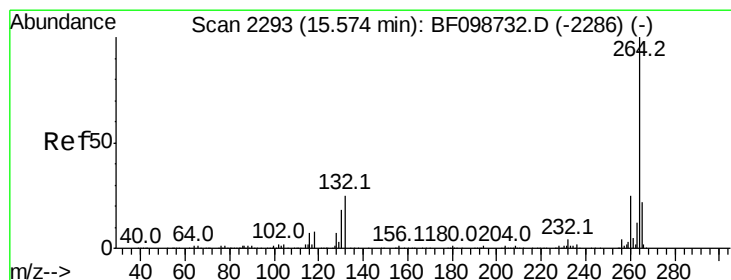
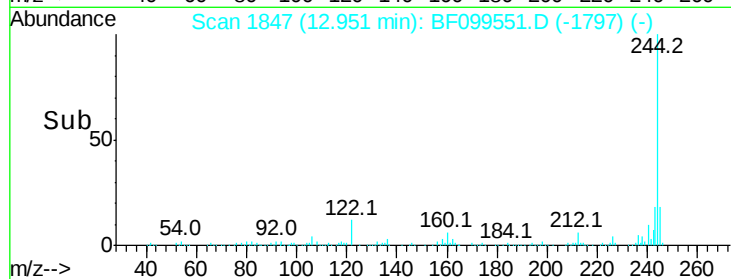
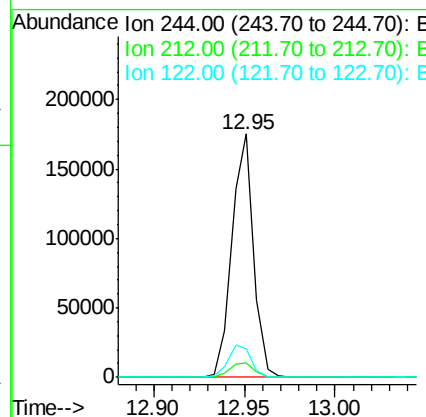
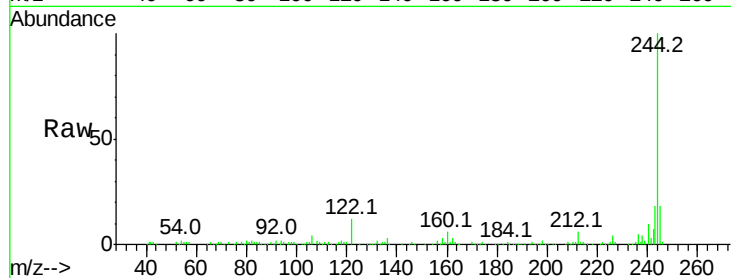




#78
 Terphenyl-d14
 Concen: 17.618 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 145148
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Tgt Ion:264 Resp: 201507
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.8 17.5 26.3

