

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099955.D
 Acq On : 30 Oct 2017 13:25
 Operator : SJ/JU
 Sample : I6083-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 16:11:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

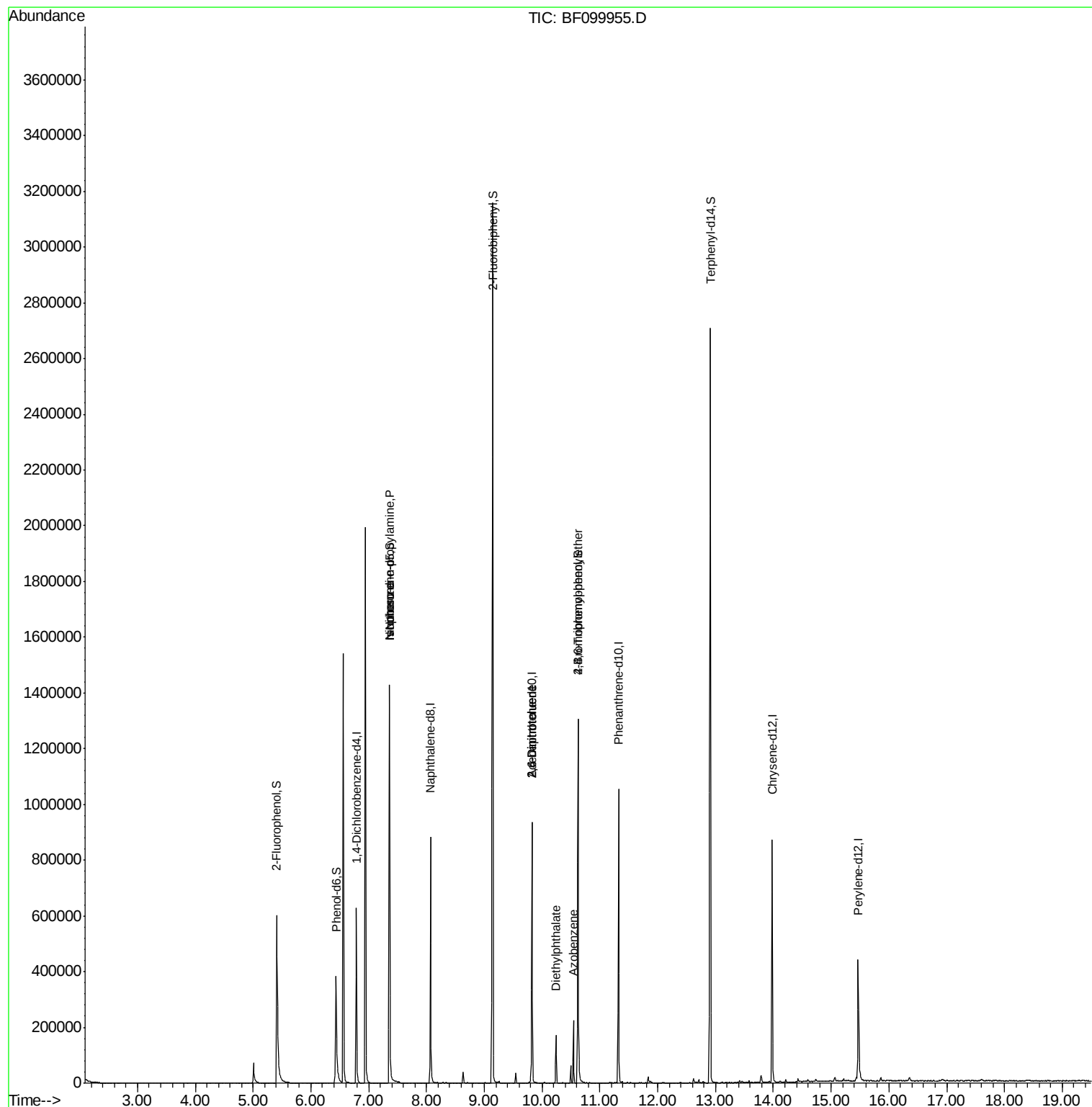
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103360	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	418349	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	207604	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	394671	20.00	ng	0.00
75) Chrysene-d12	13.98	240	314602	20.00	ng	0.00
86) Perylene-d12	15.47	264	227384	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	278658	42.33	ng	0.00
7) Phenol-d6	6.43	99	217200	27.82	ng	0.00
23) Nitrobenzene-d5	7.36	82	550196	84.67	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	173751	91.84	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1111289	82.59	ng	0.00
78) Terphenyl-d14	12.91	244	1155835	80.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	68994	15.082	ng	# 70
25) Isophorone	7.36	82	550191	46.661	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	26467	7.658	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	26467	6.359	ng	# 22
59) Diethylphthalate	10.24	149	59830	3.727	ng	97
62) Azobenzene	10.54	77	36058	2.679	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	11349	2.731	ng	# 1

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

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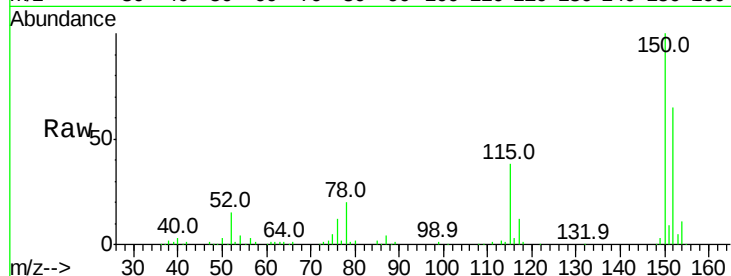


#1

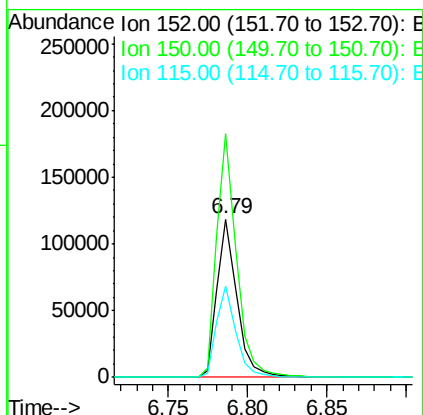
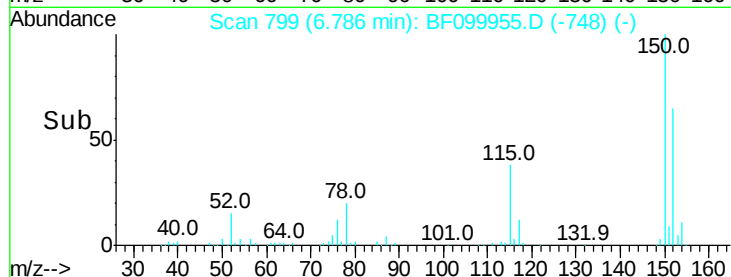
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF099955.D
Acq: 30 Oct 2017 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103360
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 58.1 50.1 75.1



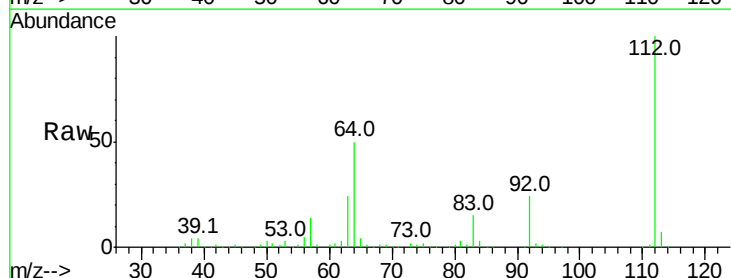
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



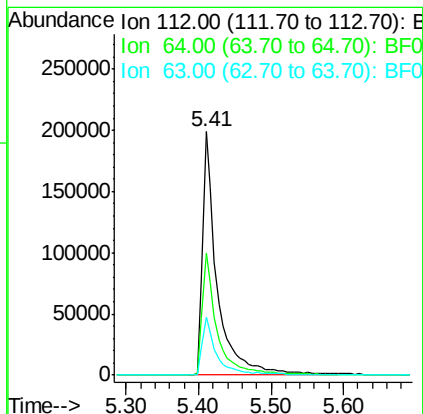
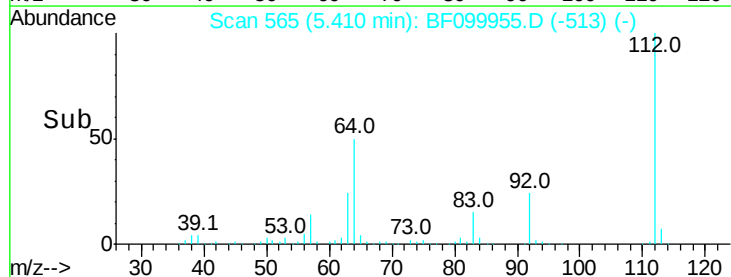
#5

2-Fluorophenol
Concen: 42.326 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099955.D
Acq: 30 Oct 2017 13:25

Tgt Ion:112 Resp: 278658
Ion Ratio Lower Upper
112 100
64 50.1 47.9 71.9
63 24.0 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: 27.824 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF099955.D

Acq: 30 Oct 2017 13:25

Instrument :

BNA_F

ClientSampled :

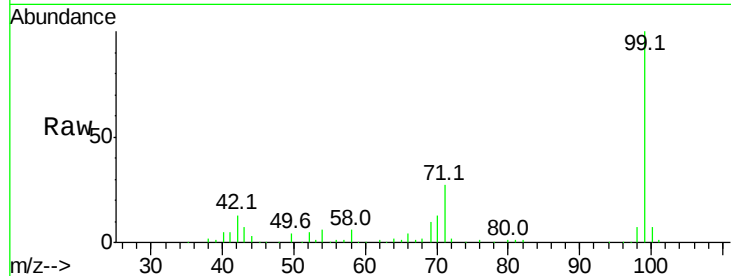
Tot Ion: 99 Resp: 217200

Ion Ratio Lower Upper

99 100

42 13.1 14.5 21.7#

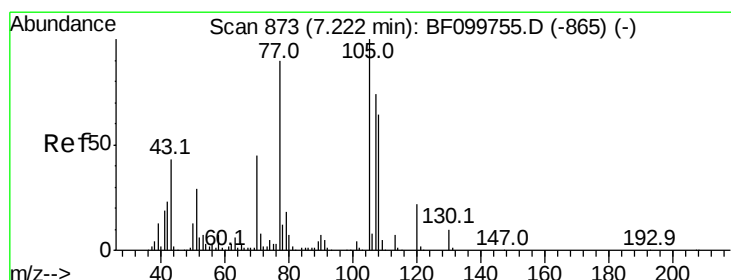
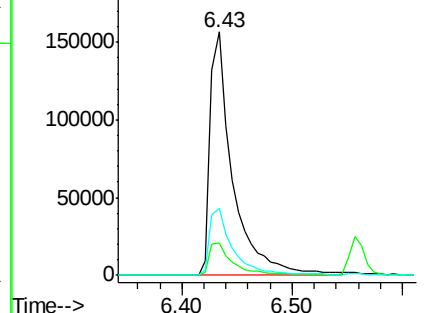
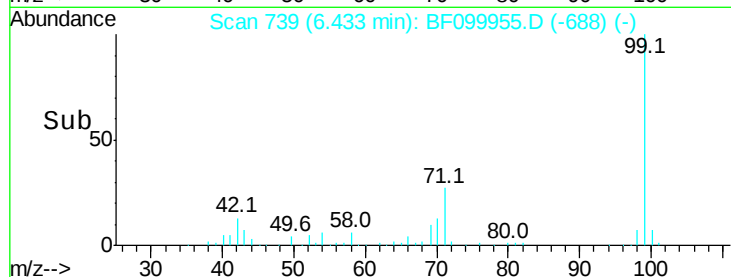
71 27.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.082 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF099955.D

Acq: 30 Oct 2017 13:25

Tgt Ion: 70 Resp: 68994

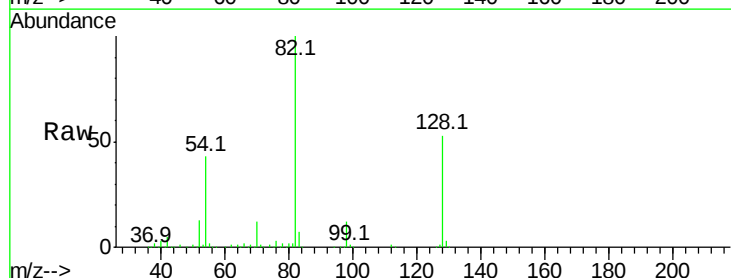
Ion Ratio Lower Upper

70 100

42 38.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

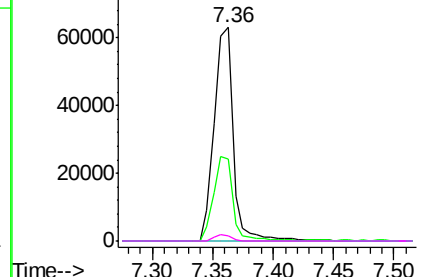
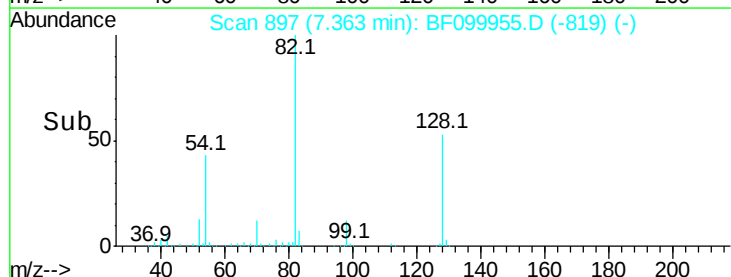


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

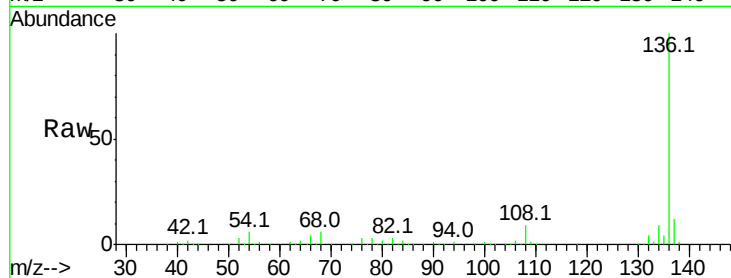




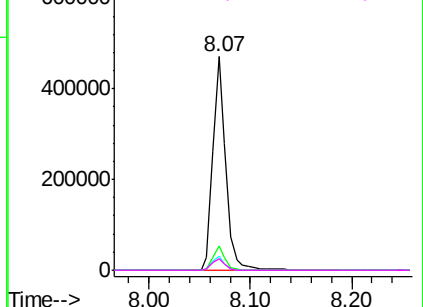
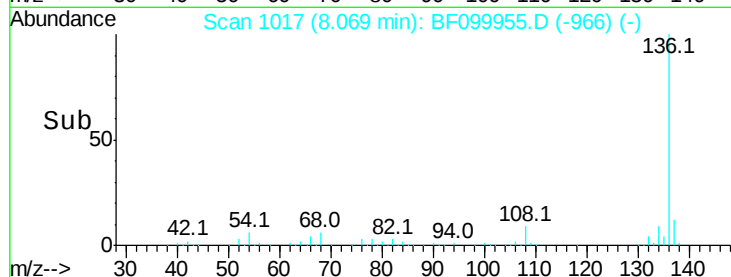
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF099955.D
Acq: 30 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	418349
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	6.4	6.6	9.8#
68	5.6	5.0	7.4

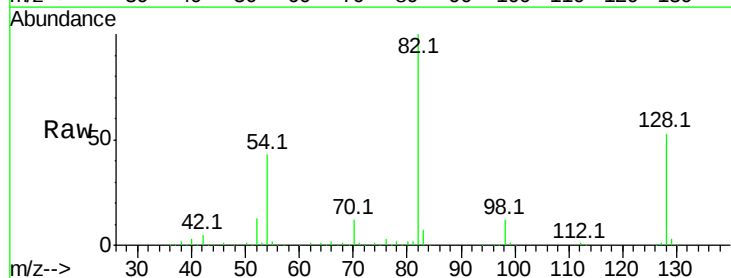


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

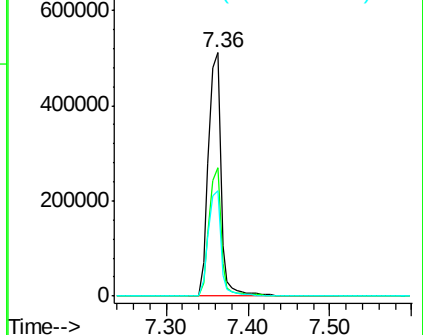
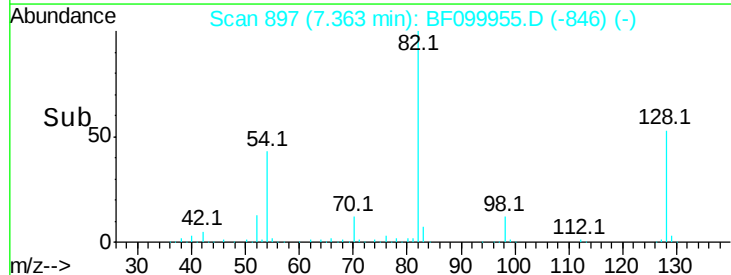


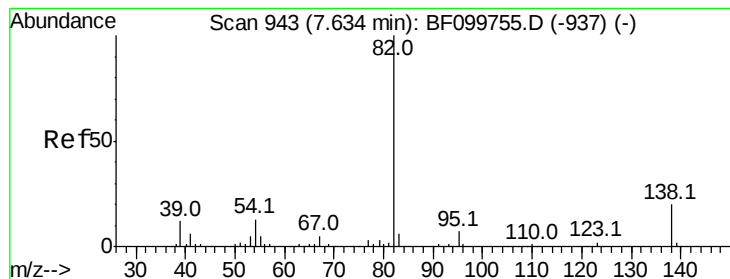
#23
Nitrobenzene-d5
Concen: 84.671 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099955.D
Acq: 30 Oct 2017 13:25

Tgt Ion:	82	Resp:	550196
Ion	Ratio	Lower	Upper
82	100		
128	52.9	36.1	54.1
54	43.3	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: 46.661 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF099955.D

Acq: 30 Oct 2017 13:25

Instrument :

BNA_F

ClientSampleId :

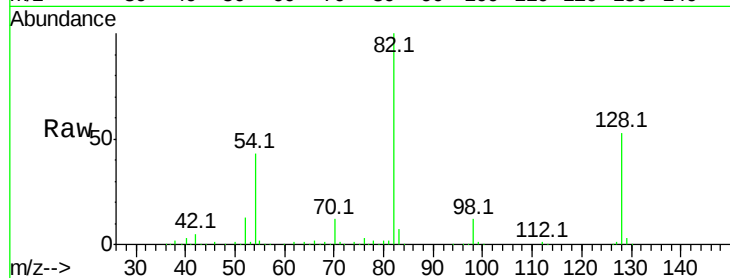
Tot Ion: 82 Resp: 550191

Ion Ratio Lower Upper

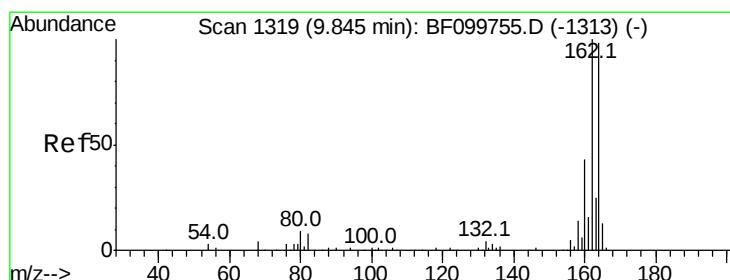
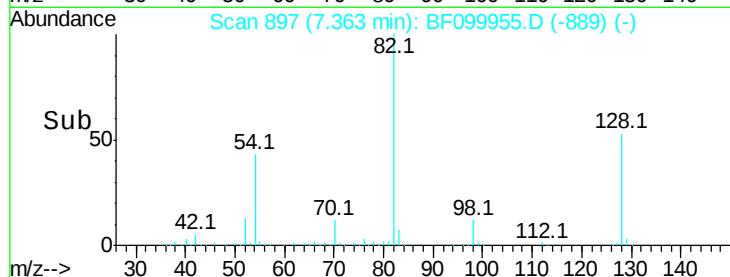
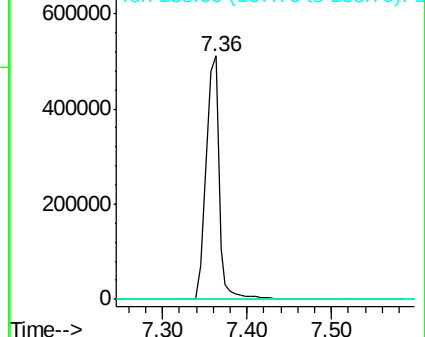
82 100

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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF099955.D

Acq: 30 Oct 2017 13:25

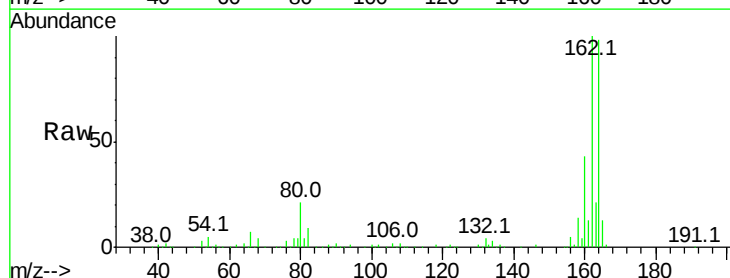
Tgt Ion:164 Resp: 207604

Ion Ratio Lower Upper

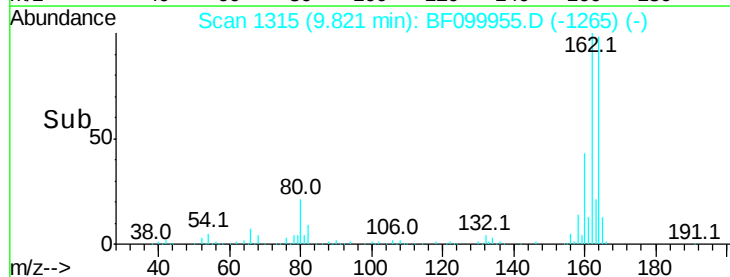
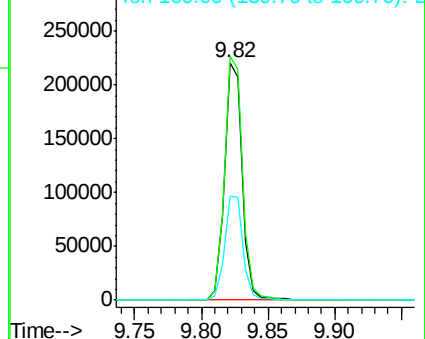
164 100

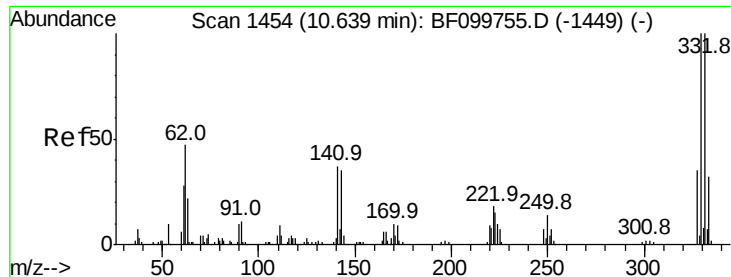
162 102.4 86.1 129.1

160 43.7 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

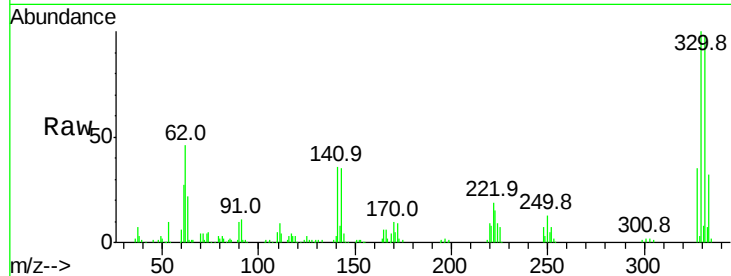




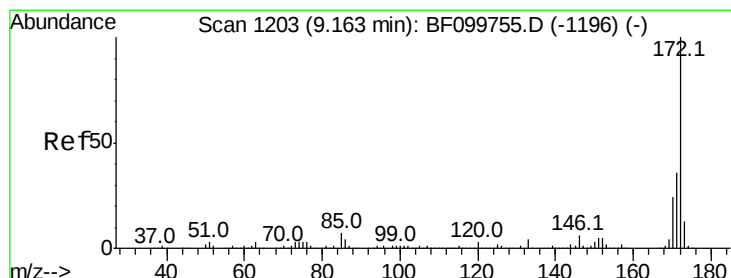
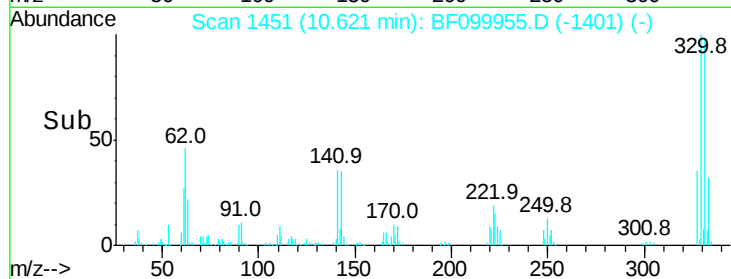
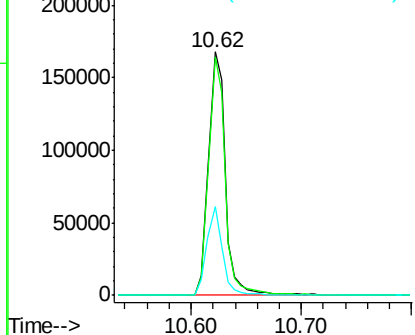
#41
 2,4,6-Tribromophenol
 Concen: 91.838 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099955.D
 Acq: 30 Oct 2017 13:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 173751
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 33.5 29.9 44.9

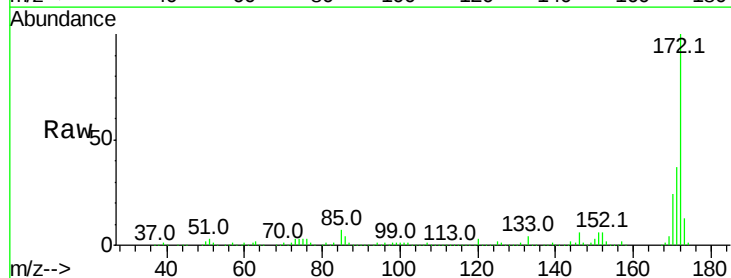


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

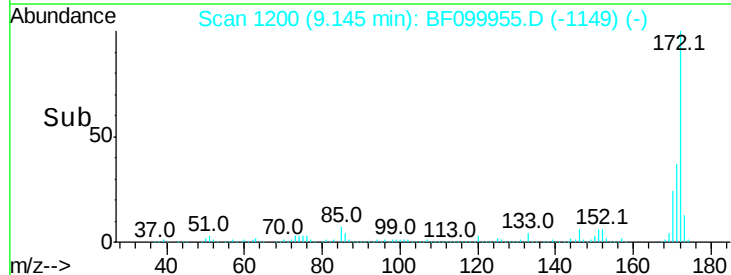
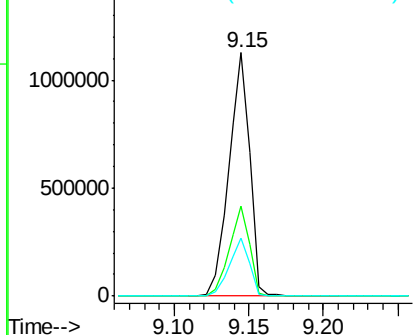


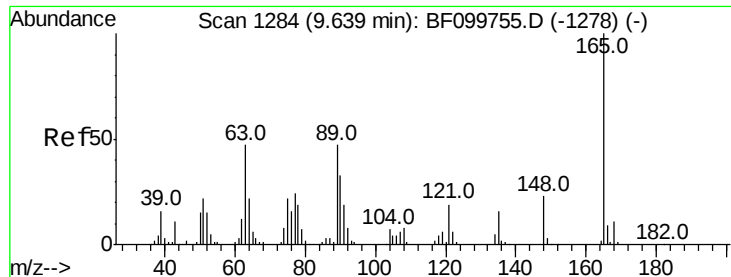
#44
 2-Fluorobiphenyl
 Concen: 82.587 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF099955.D
 Acq: 30 Oct 2017 13:25

Tgt Ion:172 Resp: 1111289
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.0 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

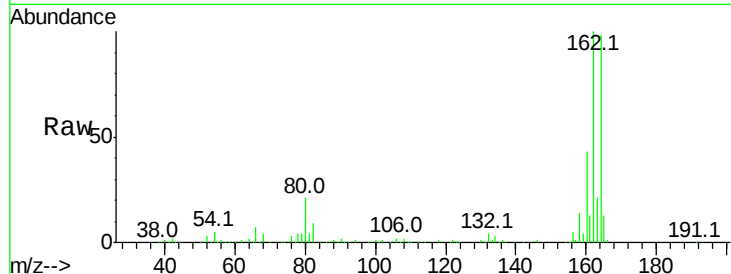




#50
2,6-Dinitrotoluene
Concen: 7.658 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF099955.D
Acq: 30 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :

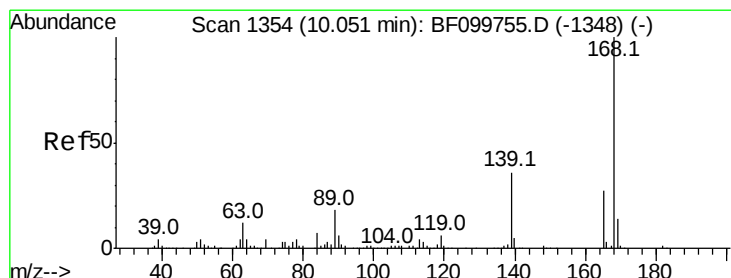
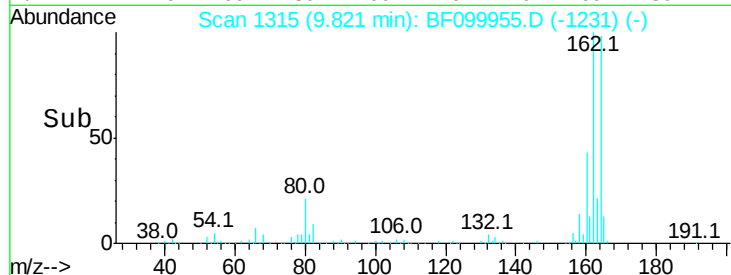
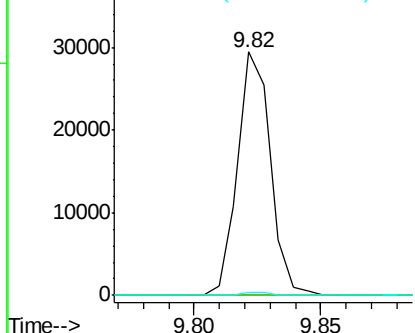
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#



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: 6.359 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF099955.D
Acq: 30 Oct 2017 13:25

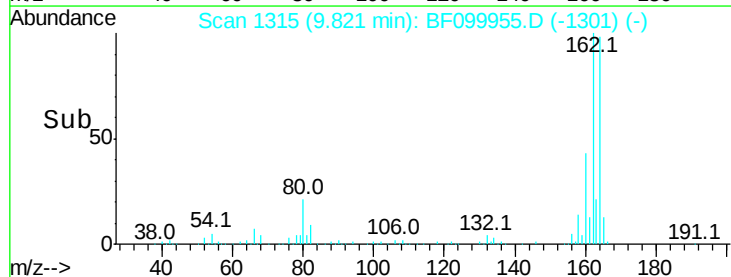
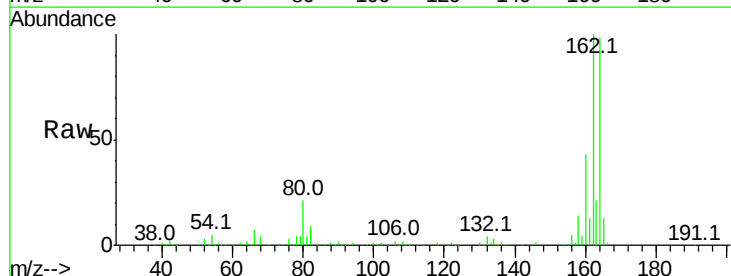
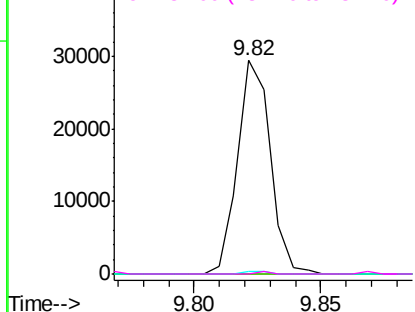
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

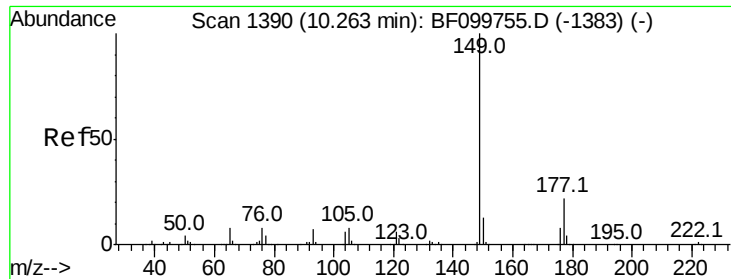
Abundance Ion 165.00 (164.70 to 165.70): E

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

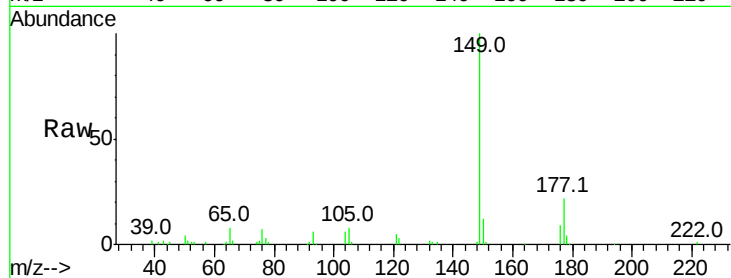




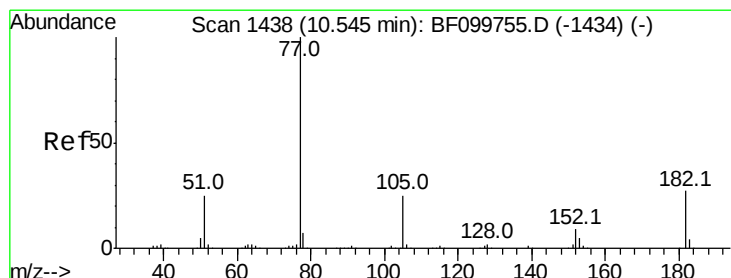
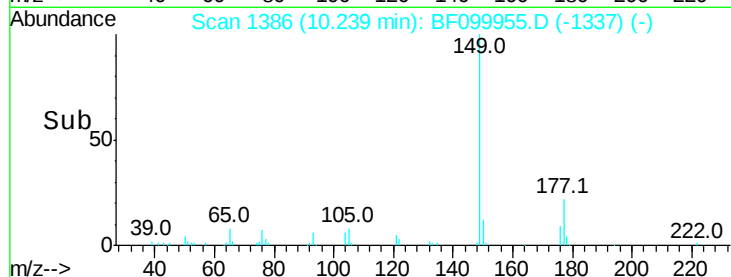
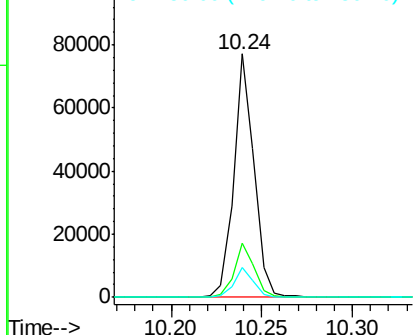
#59
Diethylphthalate
Concen: 3.727 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF099955.D
Acq: 30 Oct 2017 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 59830
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 12.3 10.1 15.1

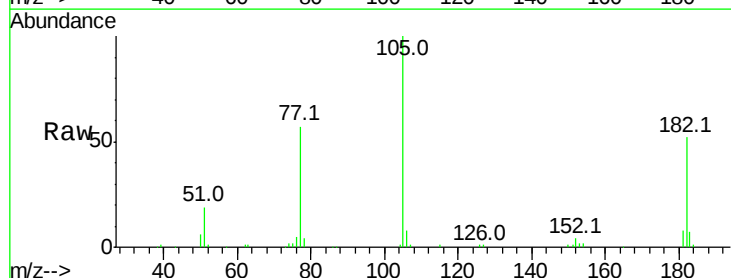


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

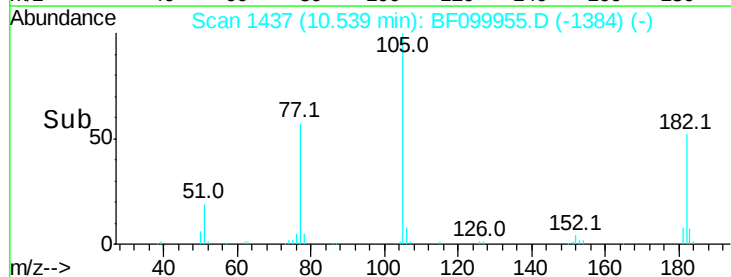
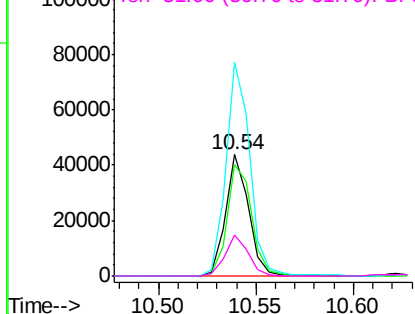


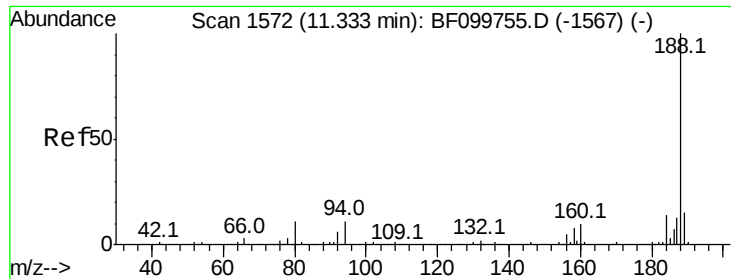
#62
Azobenzene
Concen: 2.679 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF099955.D
Acq: 30 Oct 2017 13:25

Tgt Ion: 77 Resp: 36058
Ion Ratio Lower Upper
77 100
182 91.8 1.7 41.7#
105 175.9 3.0 43.0#
51 33.4 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

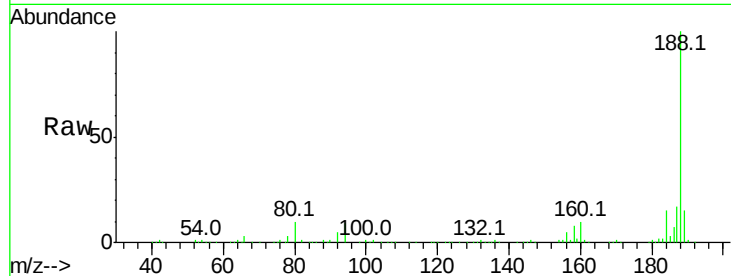




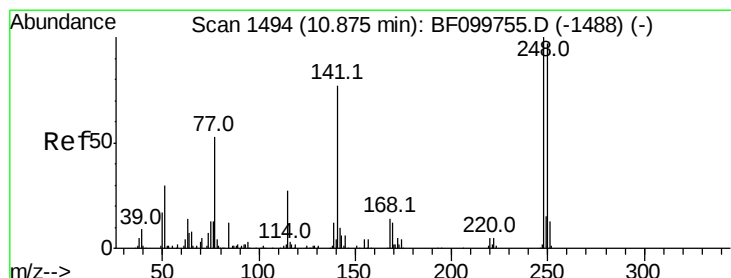
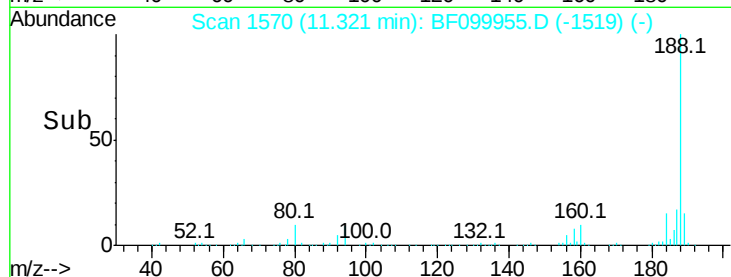
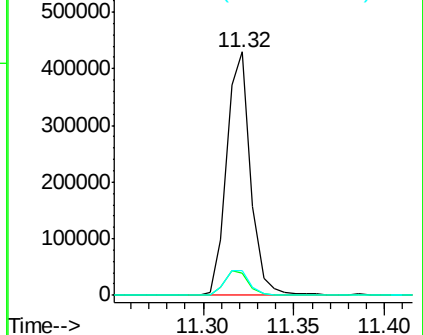
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF099955.D
Acq: 30 Oct 2017 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 394671
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.2 9.2 13.8

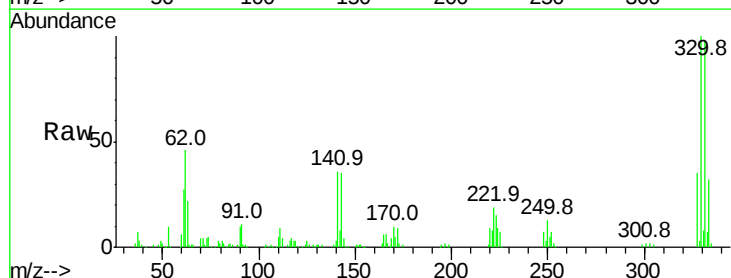


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

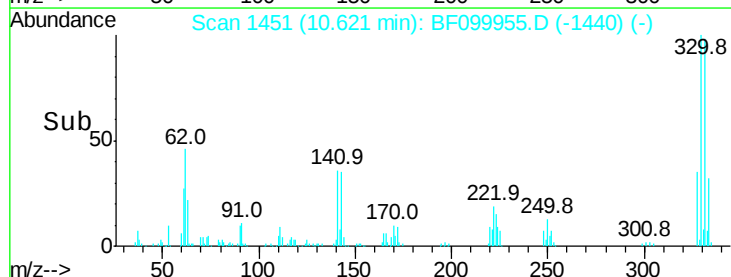
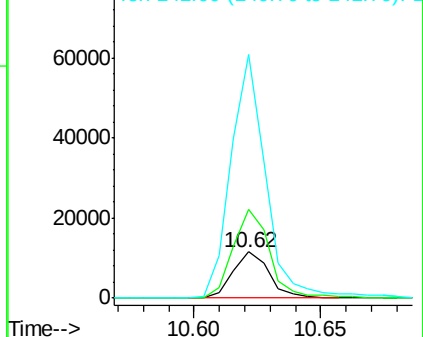


#66
4-Bromophenyl-phenylether
Concen: 2.731 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF099955.D
Acq: 30 Oct 2017 13:25

Tgt Ion:248 Resp: 11349
Ion Ratio Lower Upper
248 100
250 193.2 76.9 115.3#
141 529.1 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

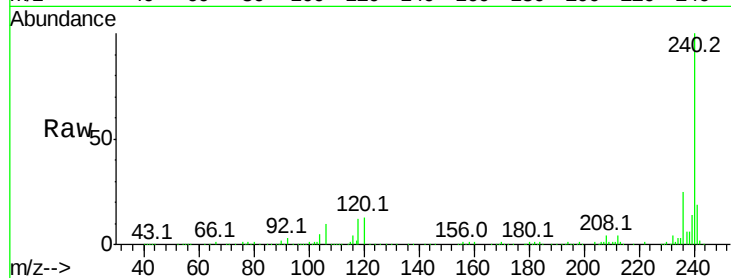




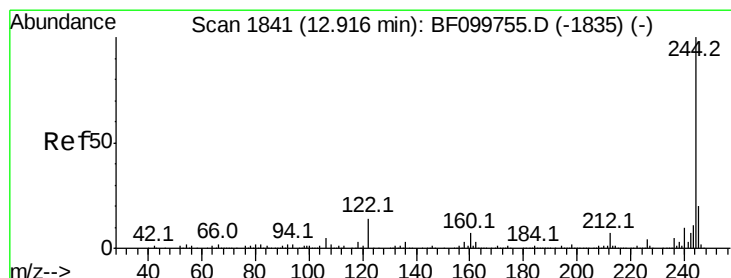
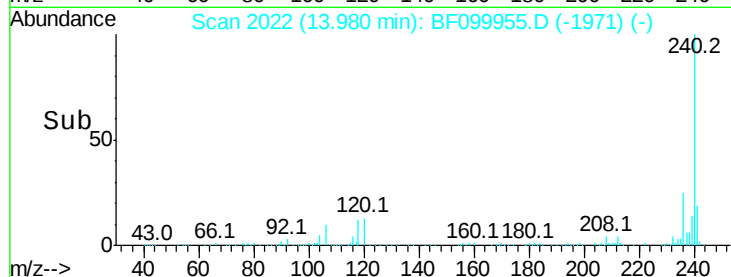
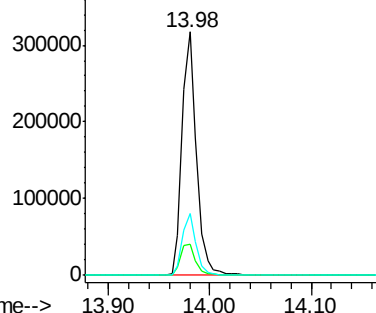
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099955.D
 Acq: 30 Oct 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 314602
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.3 20.7 31.1

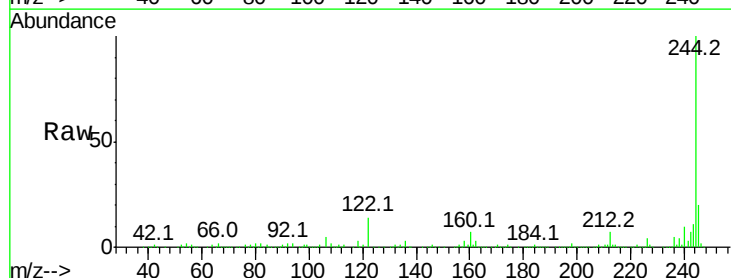


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

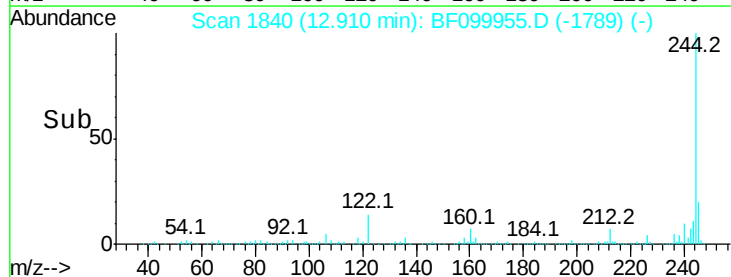
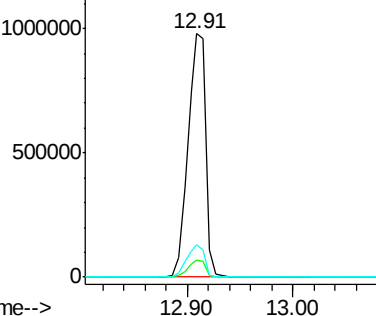


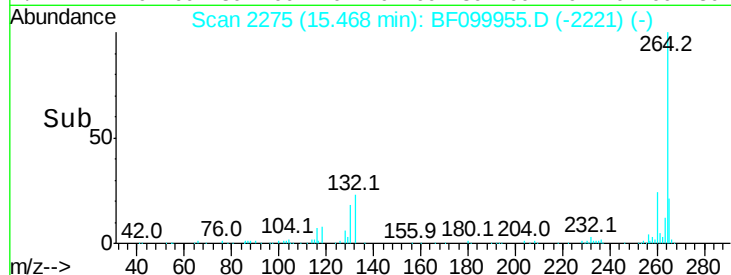
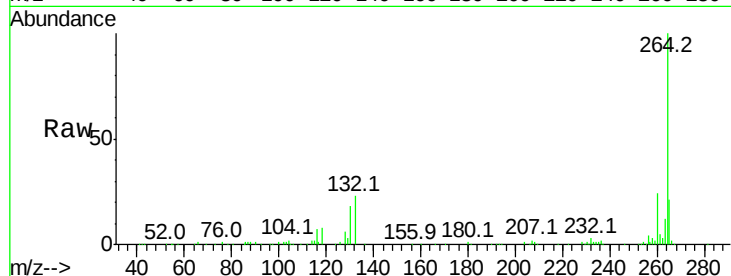
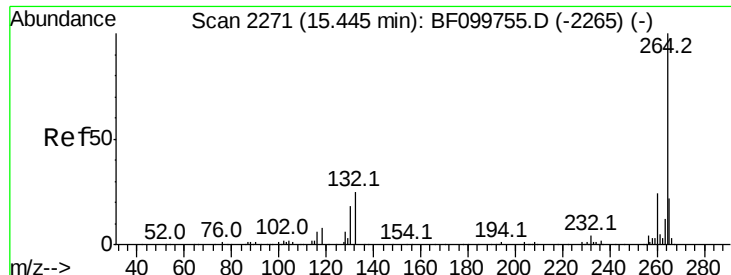
#78
 Terphenyl-d14
 Concen: 80.290 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF099955.D
 Acq: 30 Oct 2017 13:25

Tgt Ion:244 Resp: 1155835
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.5 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.02 min
 Lab File: BF099955.D
 Acq: 30 Oct 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	227384
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3

