

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099985.D
 Acq On : 31 Oct 2017 3:19
 Operator : SJ/JU
 Sample : I6083-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 04:31:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

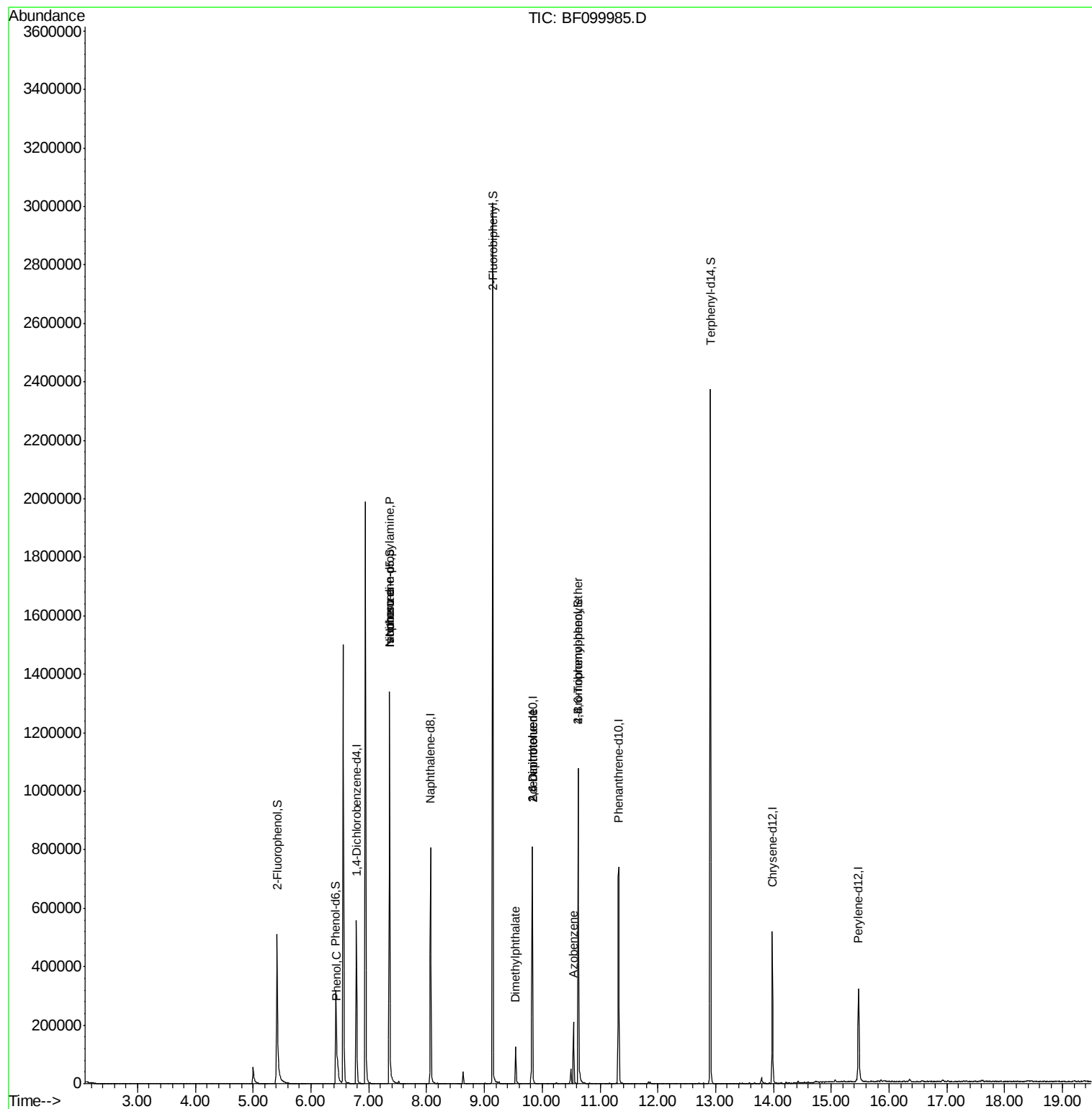
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	93292	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	373480	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	172109	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	296692	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	192386	20.00	ng	-0.01
86) Perylene-d12	15.47	264	169341	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	254317	42.80	ng	0.00
7) Phenol-d6	6.43	99	188438	26.74	ng	-0.01
23) Nitrobenzene-d5	7.36	82	529659	91.30	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	137784	87.85	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1012721	90.78	ng	-0.01
78) Terphenyl-d14	12.91	244	865726	98.34	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	18997	2.456	ng	89
19) n-Nitroso-di-n-propylamine	7.36	70	64237	15.557	ng	# 69
25) Isophorone	7.36	82	529659	50.316	ng	# 64
49) Dimethylphthalate	9.54	163	58926	4.323	ng	99
50) 2,6-Dinitrotoluene	9.82	165	21929	7.653	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21929	6.355	ng	# 21
62) Azobenzene	10.54	77	33608	3.012	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	8598	2.753	ng	# 1

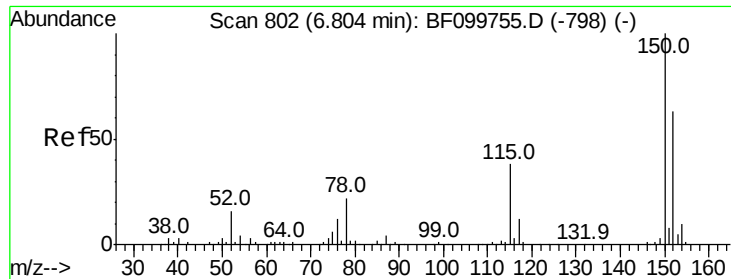
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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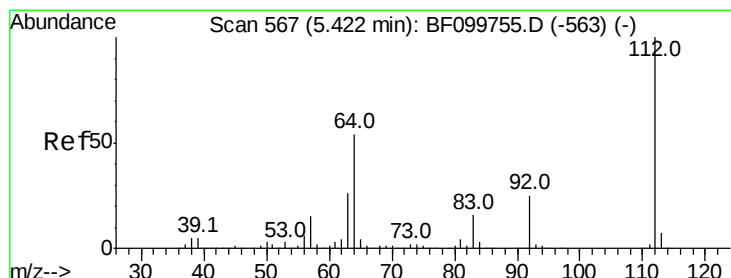
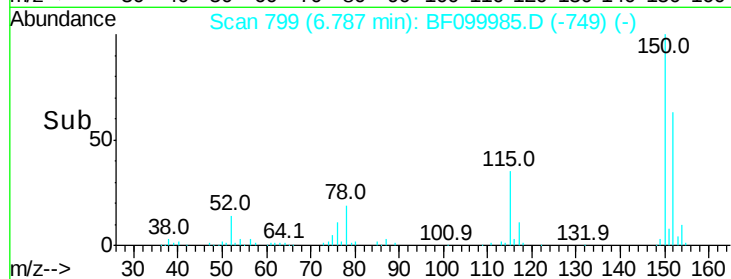
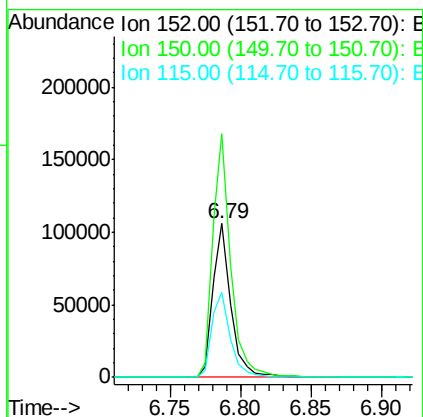
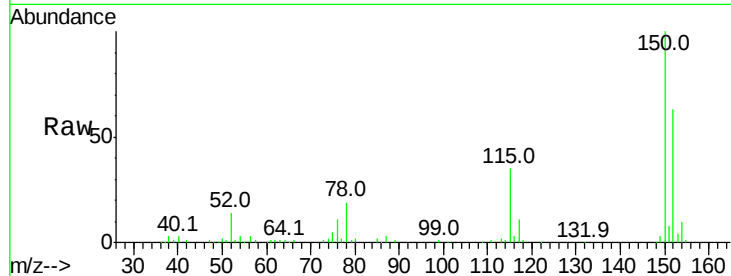


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099985.D
Acq: 31 Oct 2017 3:19

Instrument :
BNA_F
ClientSampleId :

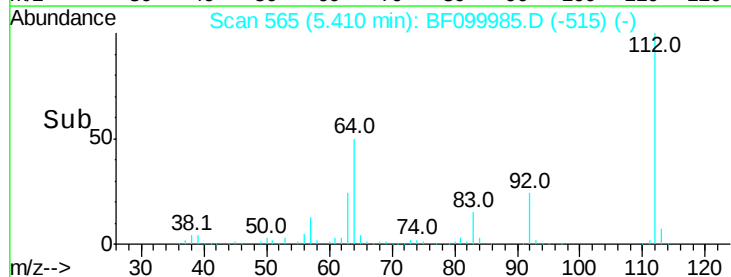
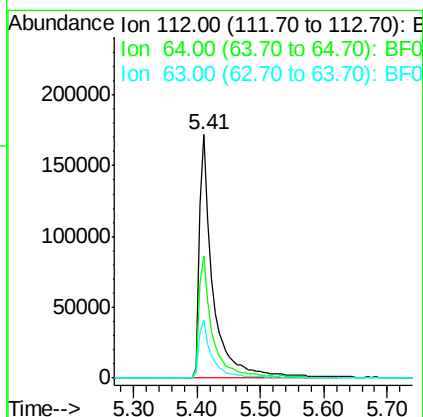
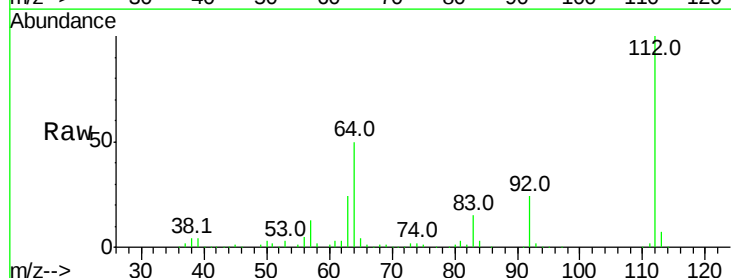
Tot Ion:152 Resp: 93292
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 55.0 50.1 75.1



#5

2-Fluorophenol
Concen: 42.798 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099985.D
Acq: 31 Oct 2017 3:19

Tgt Ion:112 Resp: 254317
Ion Ratio Lower Upper
112 100
64 49.9 47.9 71.9
63 23.8 23.7 35.5





#7

Phenol-d6

Concen: 26.744 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099985.D

Acq: 31 Oct 2017 3:19

Instrument :

BNA_F

ClientSampleId :

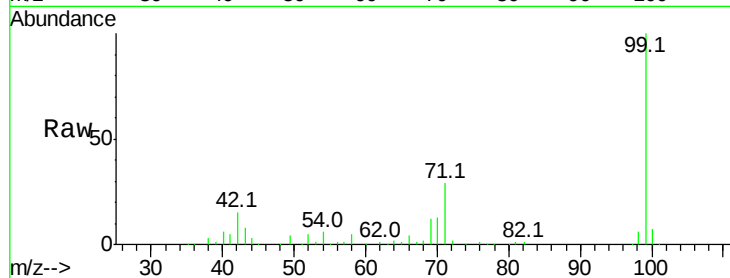
Tot Ion: 99 Resp: 188438

Ion Ratio Lower Upper

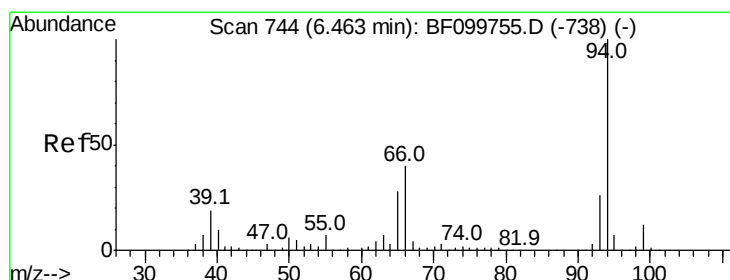
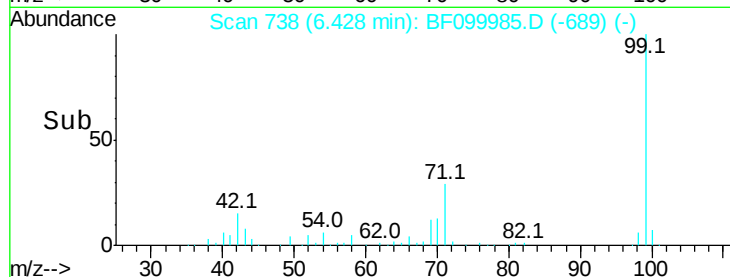
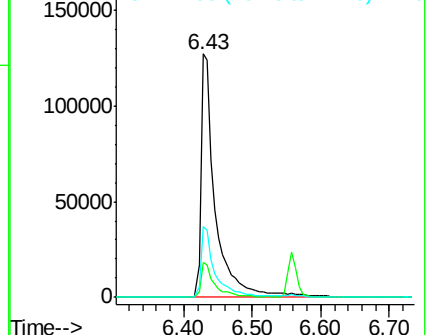
99 100

42 14.6 14.5 21.7

71 29.3 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



#10

Phenol

Concen: 2.456 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099985.D

Acq: 31 Oct 2017 3:19

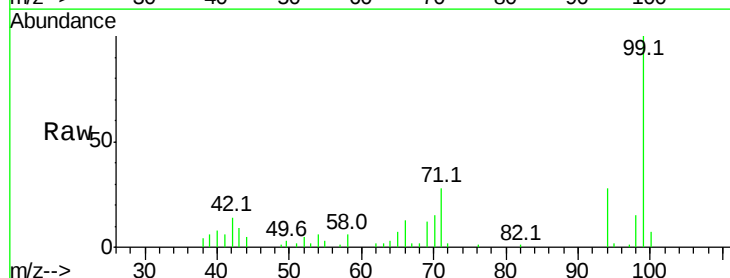
Tgt Ion: 94 Resp: 18997

Ion Ratio Lower Upper

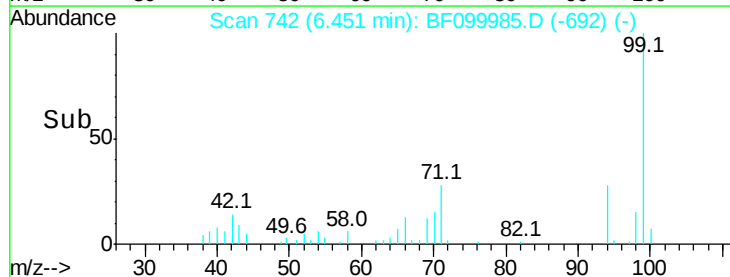
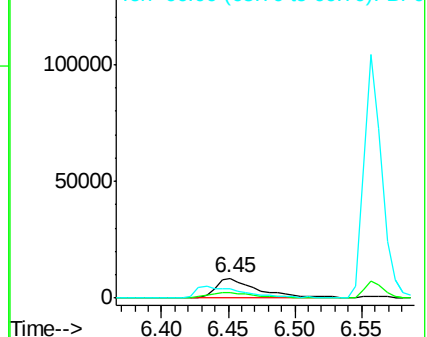
94 100

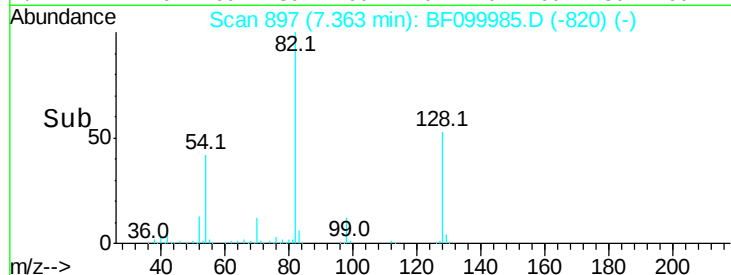
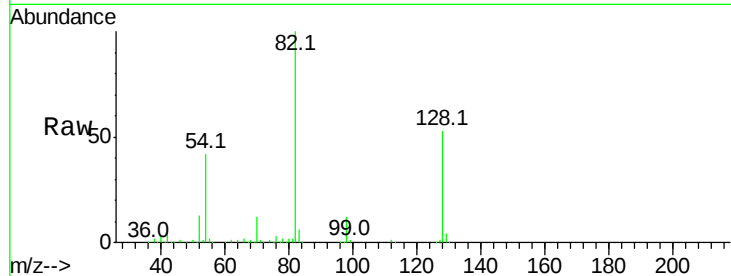
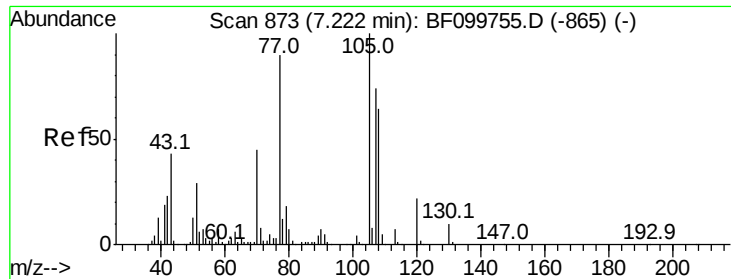
65 25.7 7.9 47.9

66 46.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

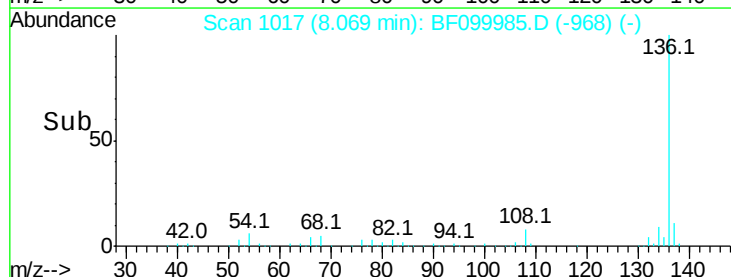
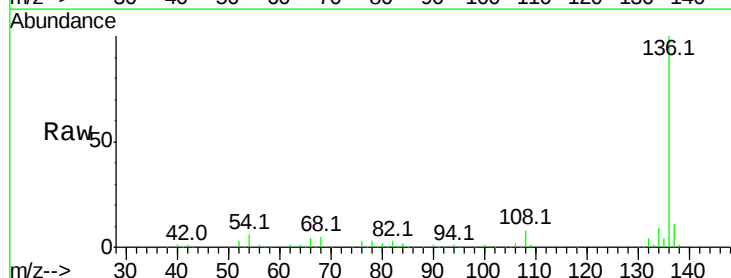
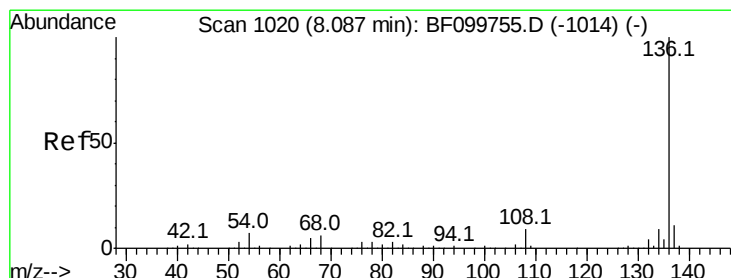
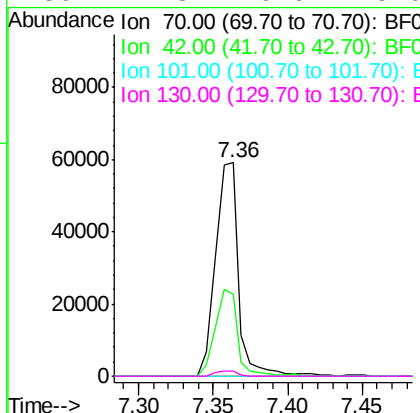




#19
n-Nitroso-di-n-propylamine
Concen: 15.557 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099985.D
Acq: 31 Oct 2017 3:19

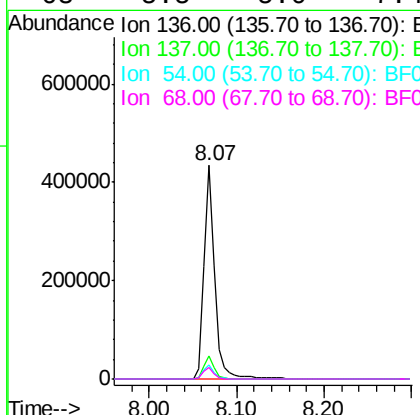
Instrument :
BNA_F
ClientSampleId :

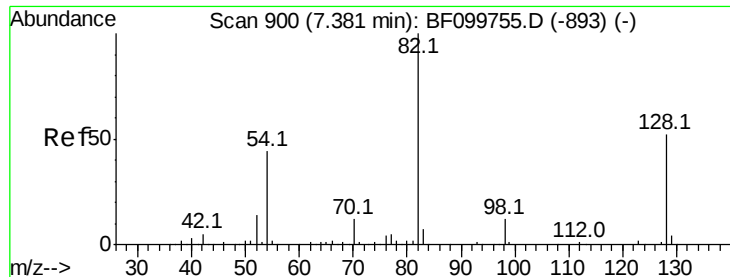
Tot Ion: 70 Resp: 64237
Ion Ratio Lower Upper
70 100
42 38.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099985.D
Acq: 31 Oct 2017 3:19

Tgt Ion:136 Resp: 373480
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.5 6.6 9.8#
68 5.5 5.0 7.4

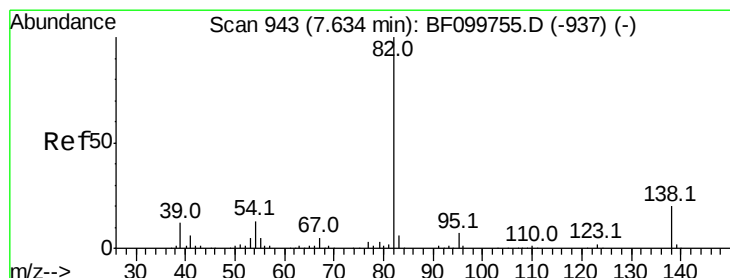
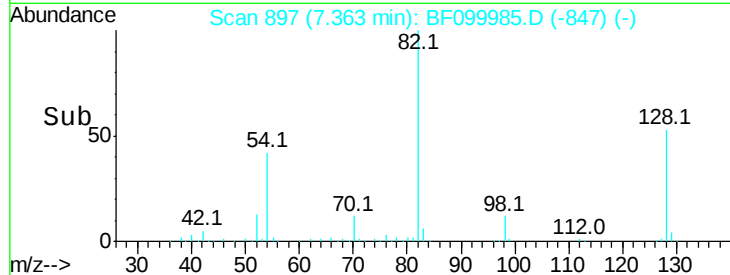
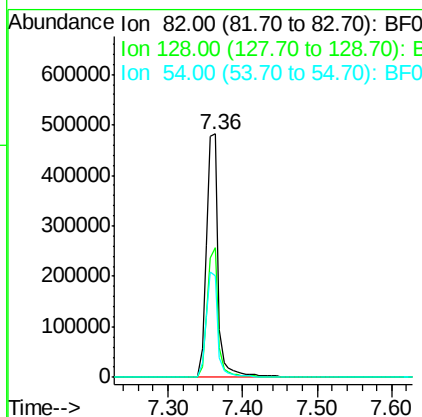
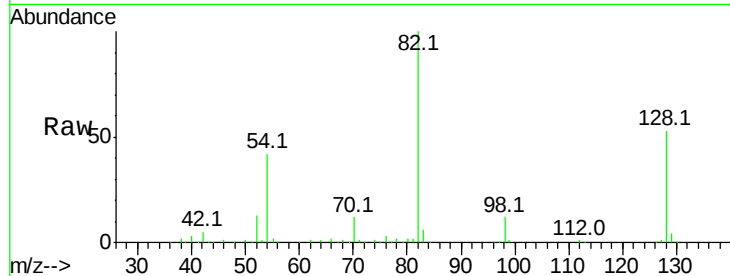




#23
 Nitrobenzene-d5
 Concen: 91.303 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099985.D
 Acq: 31 Oct 2017 3:19

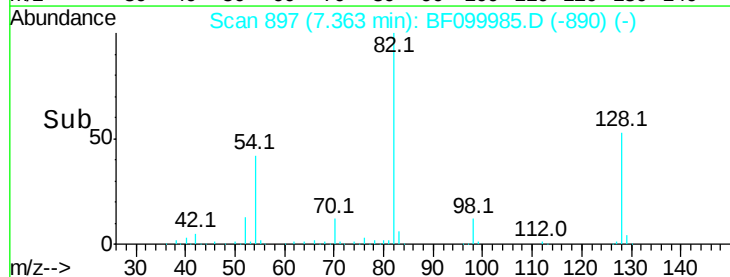
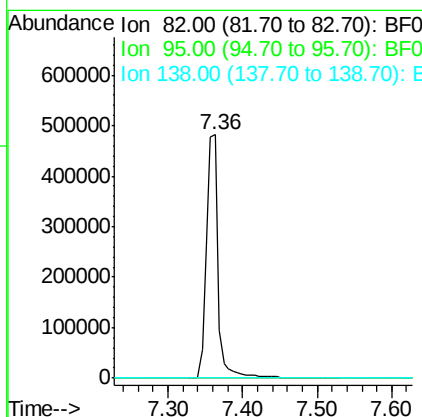
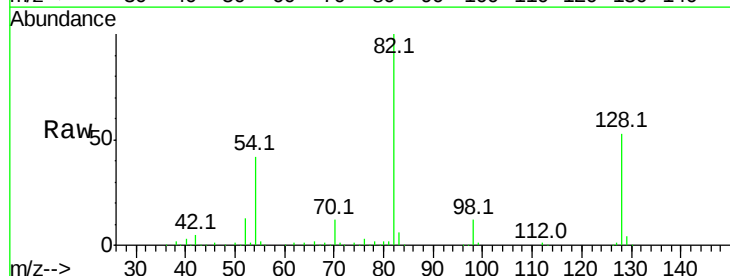
Instrument :
 BNA_F
 ClientSampleId :

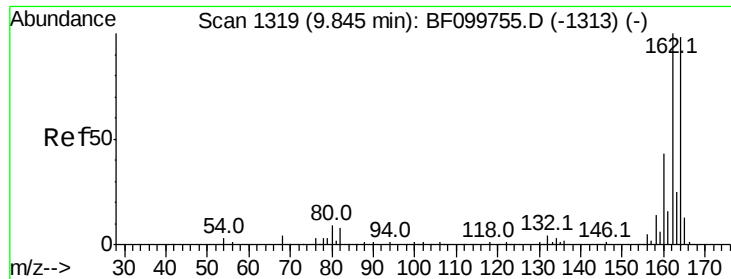
Tot Ion	82	Resp	529659
Ion Ratio	100	Lower	Upper
128	53.2	36.1	54.1
54	41.8	41.4	62.2



#25
 Isophorone
 Concen: 50.316 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF099985.D
 Acq: 31 Oct 2017 3:19

Tgt Ion	82	Resp	529659
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

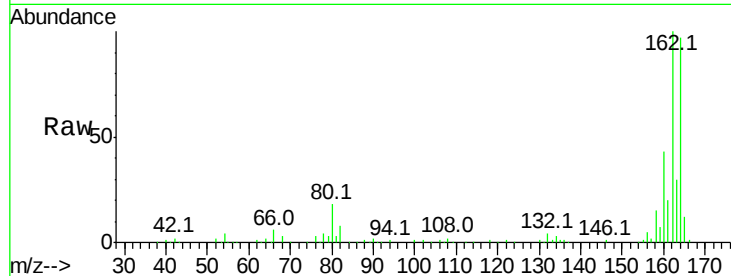




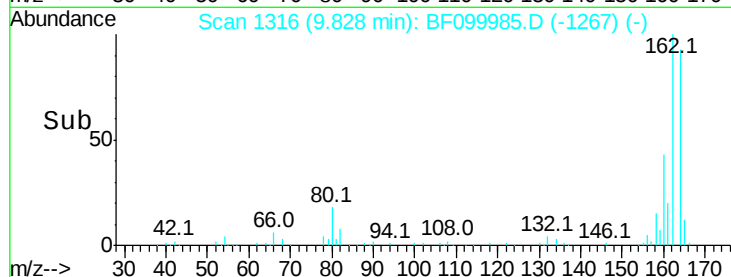
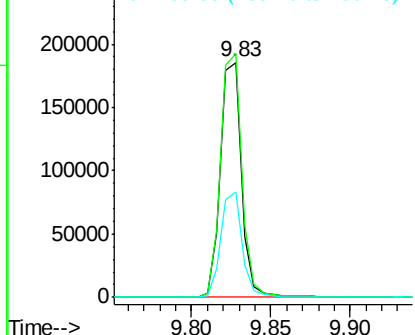
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF099985.D
 Acq: 31 Oct 2017 3:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 172109
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 44.7 38.3 57.5

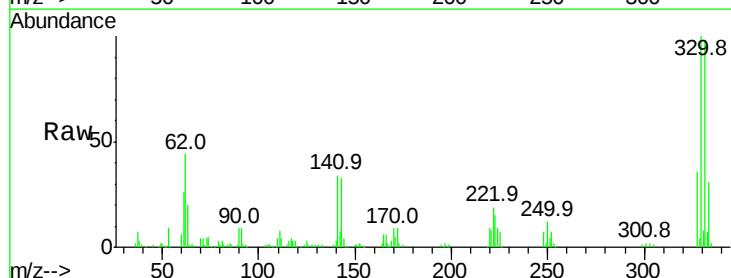


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

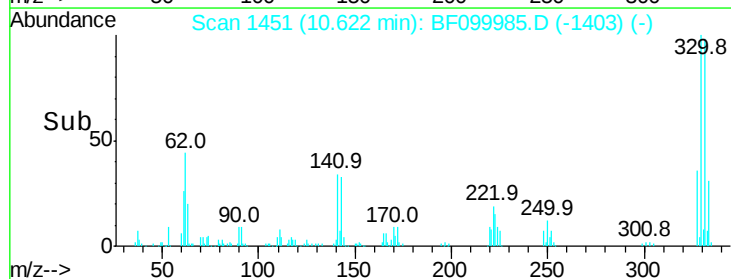
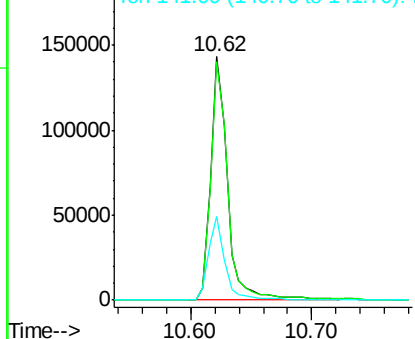


#41
 2,4,6-Tribromophenol
 Concen: 87.847 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099985.D
 Acq: 31 Oct 2017 3:19

Tgt Ion:330 Resp: 137784
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.0 115.6
 141 34.0 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

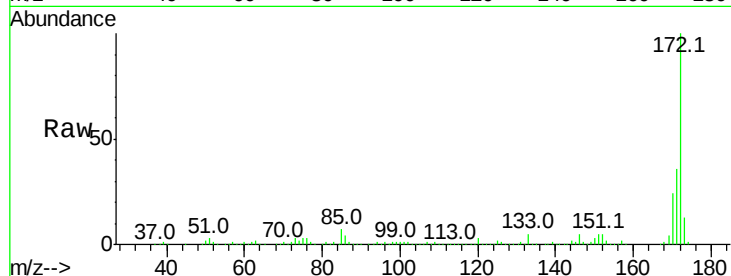




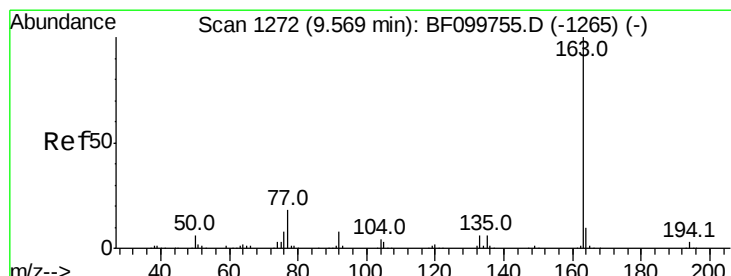
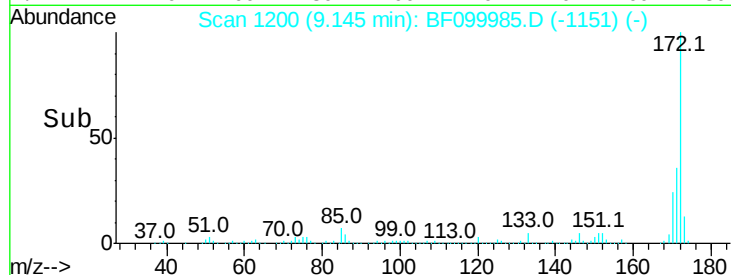
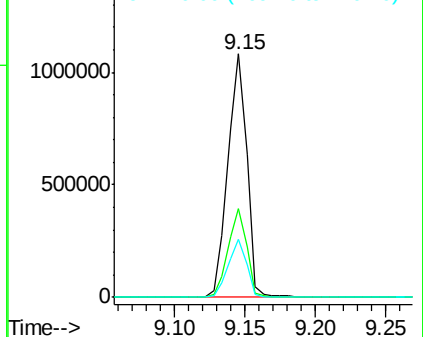
#44
2-Fluorobiphenyl
Concen: 90.783 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099985.D
Acq: 31 Oct 2017 3:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1012721
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.9 19.6 29.4

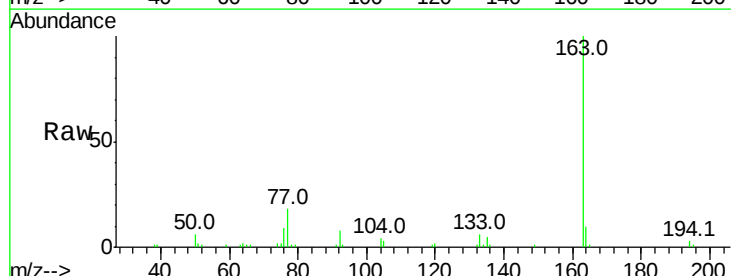


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

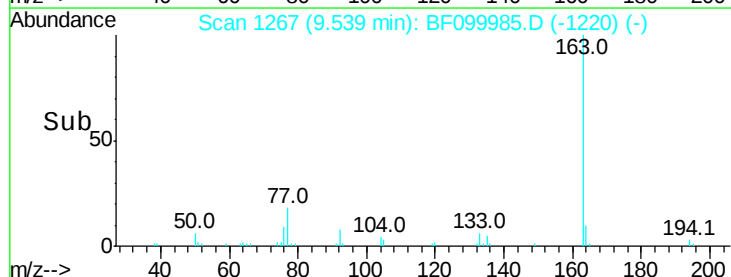
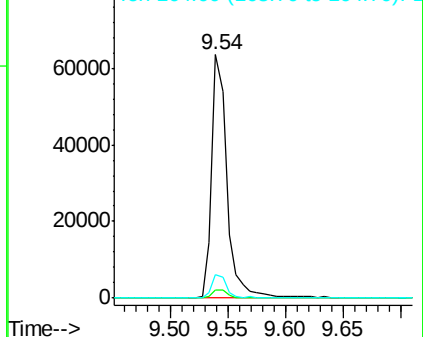


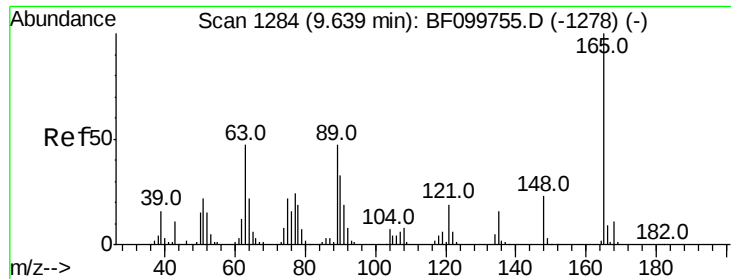
#49
Dimethylphthalate
Concen: 4.323 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099985.D
Acq: 31 Oct 2017 3:19

Tgt Ion:163 Resp: 58926
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

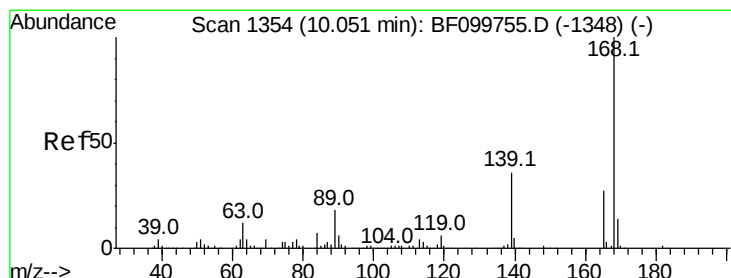
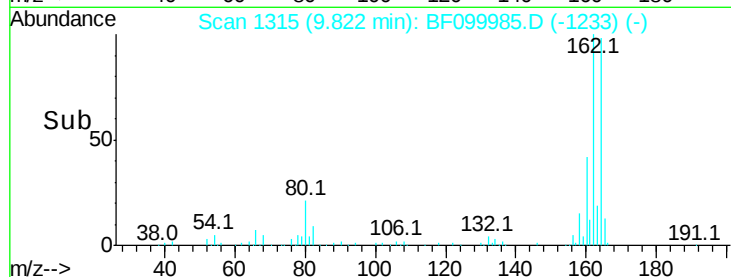
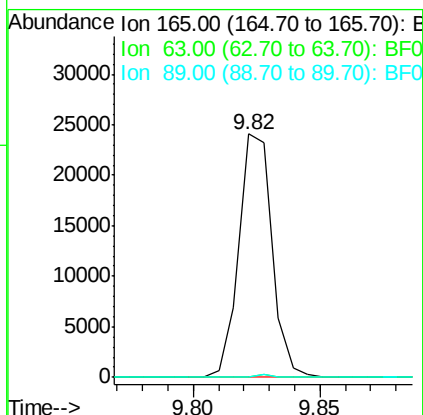
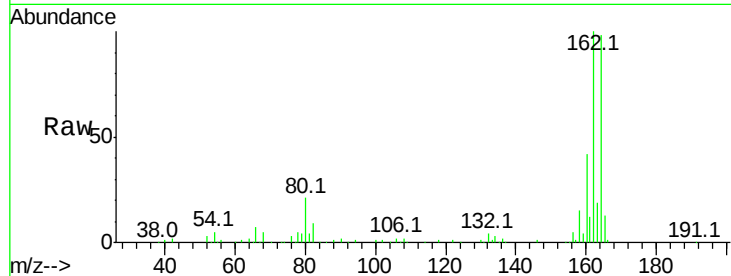




#50
 2,6-Dinitrotoluene
 Concen: 7.653 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.18 min
 Lab File: BF099985.D
 Acq: 31 Oct 2017 3:19

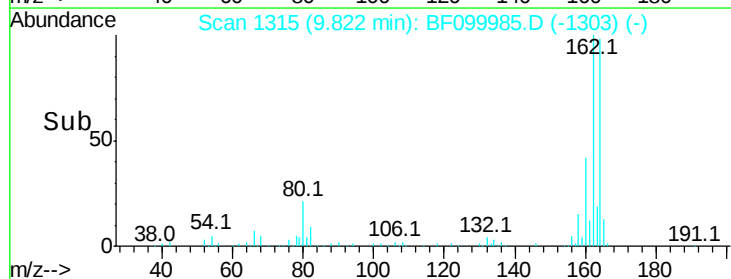
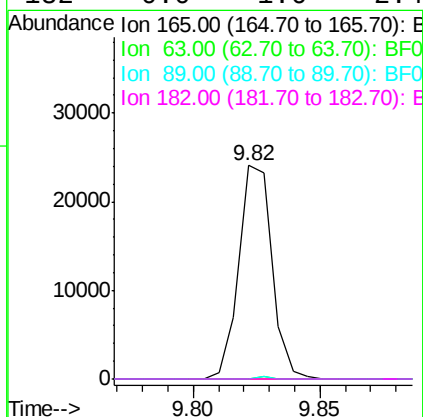
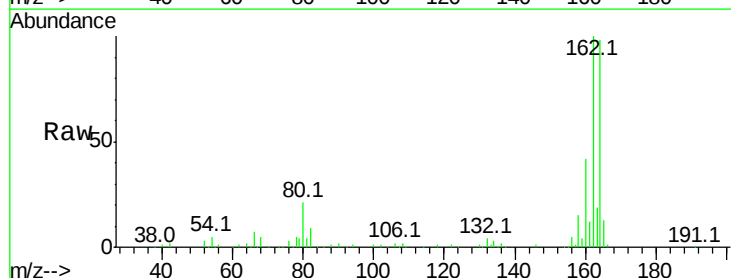
Instrument :
 BNA_F
 ClientSampleId :

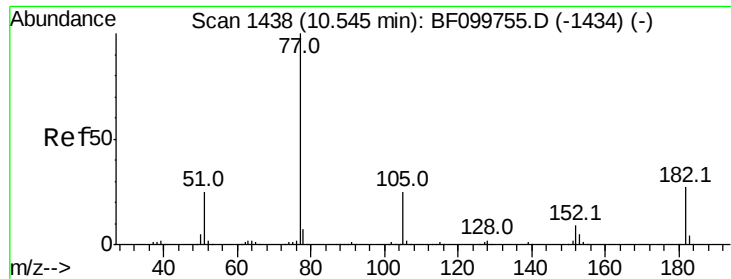
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.355 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099985.D
 Acq: 31 Oct 2017 3:19

Tgt 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#





#62

Azobenzene

Concen: 3.012 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF099985.D

Acq: 31 Oct 2017 3:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 33608

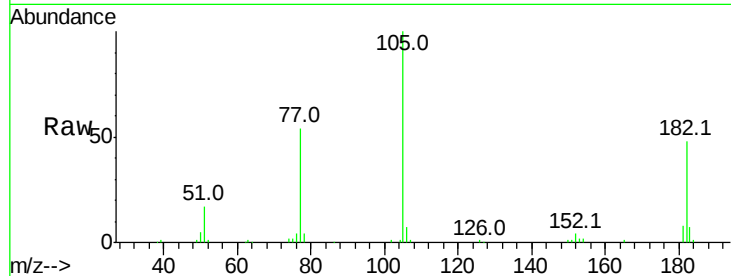
Ion Ratio Lower Upper

77 100

182 87.7 1.7 41.7#

105 183.8 3.0 43.0#

51 32.1 9.9 49.9

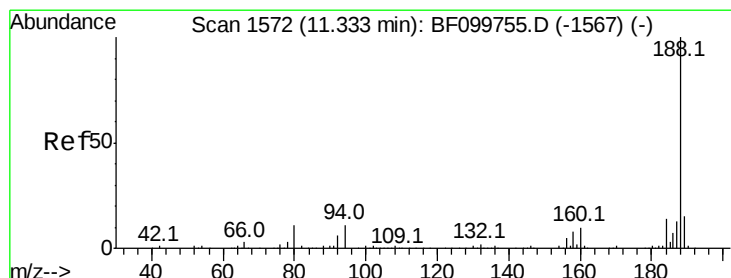
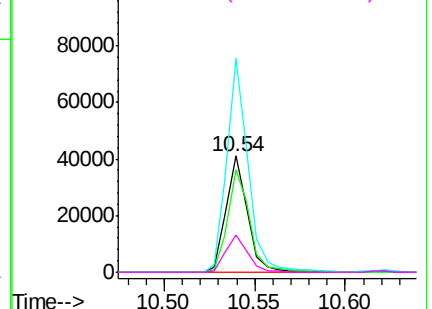
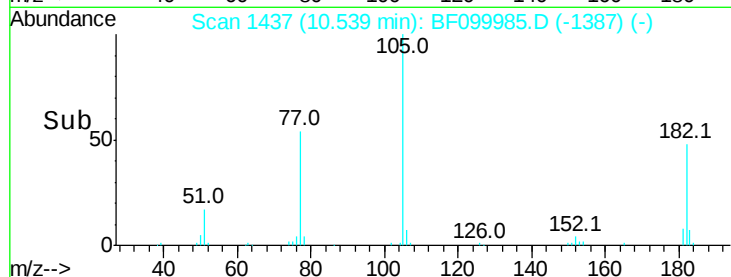


Abundance Ion 77.00 (76.70 to 77.70): BF0

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. -0.01 min

Lab File: BF099985.D

Acq: 31 Oct 2017 3:19

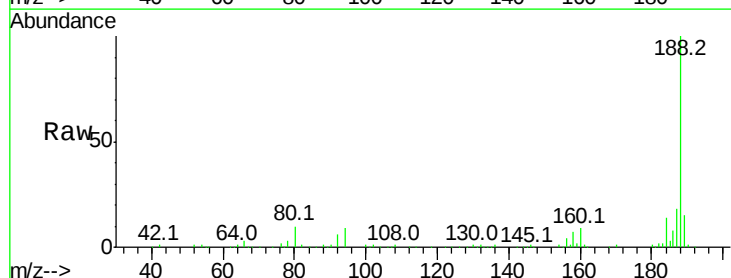
Tgt Ion: 188 Resp: 296692

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

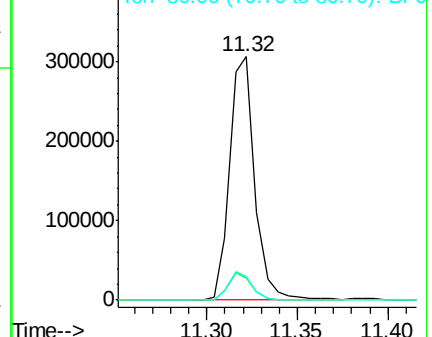
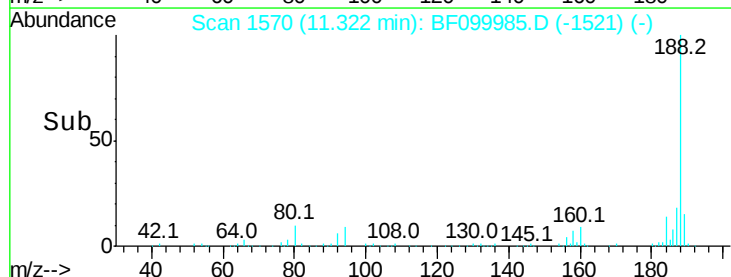
80 9.7 9.2 13.8



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

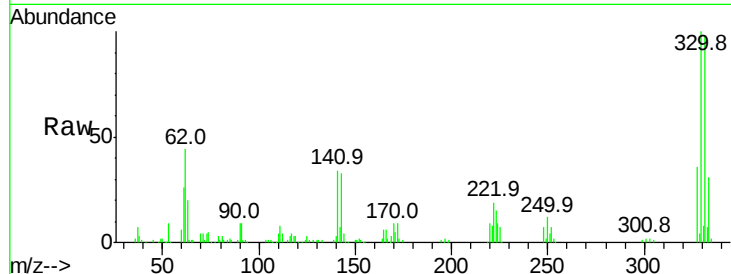




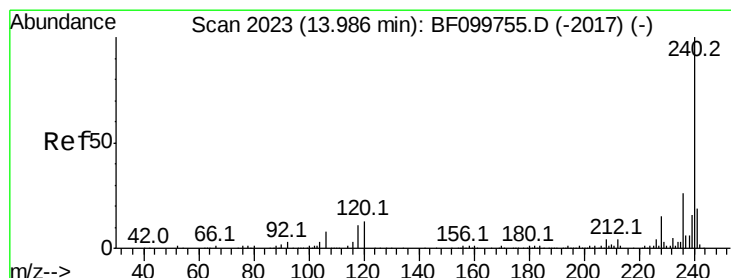
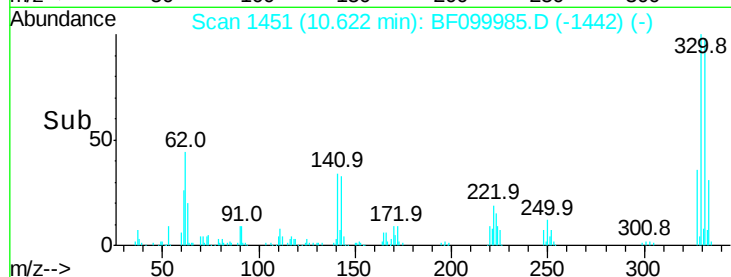
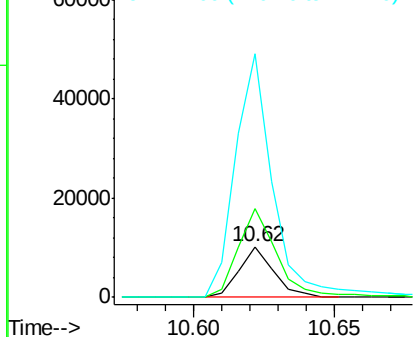
#66
4-Bromophenyl-phenylether
Concen: 2.753 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF099985.D
Acq: 31 Oct 2017 3:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8598
Ion Ratio Lower Upper
248 100
250 174.7 76.9 115.3#
141 482.2 74.4 111.6#

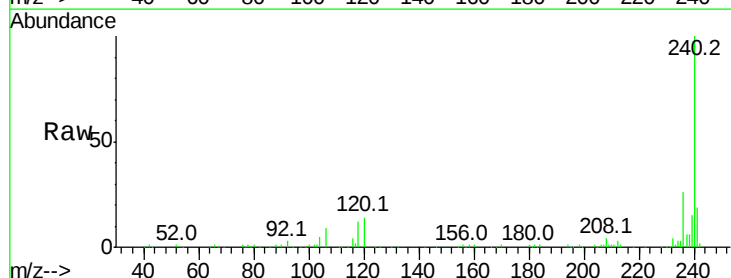


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

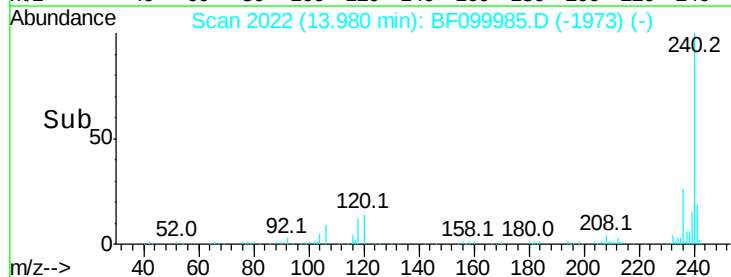
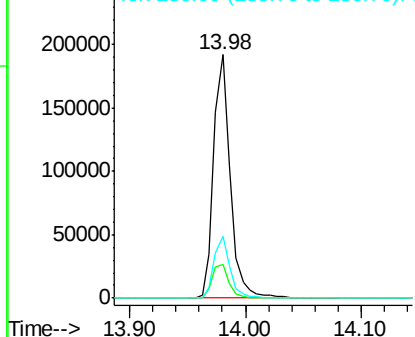


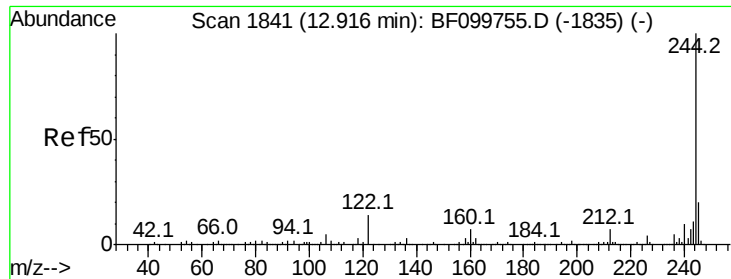
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099985.D
Acq: 31 Oct 2017 3:19

Tgt Ion:240 Resp: 192386
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.6 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

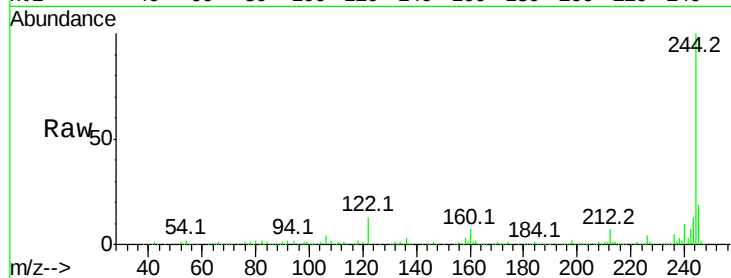




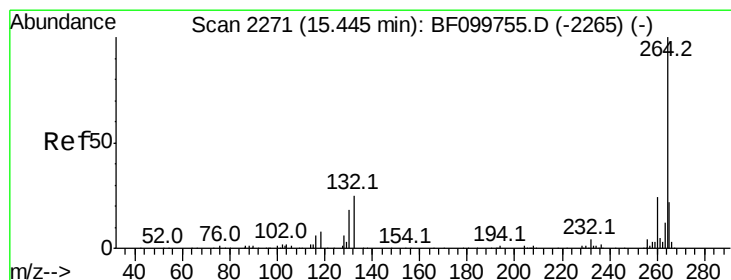
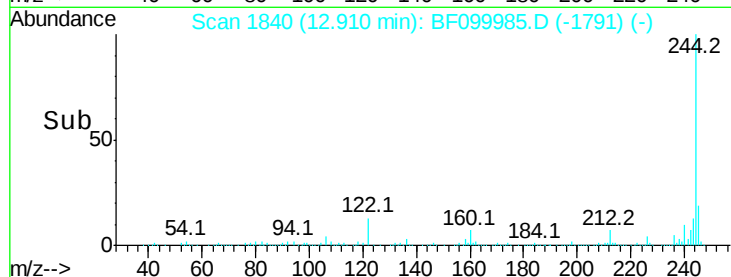
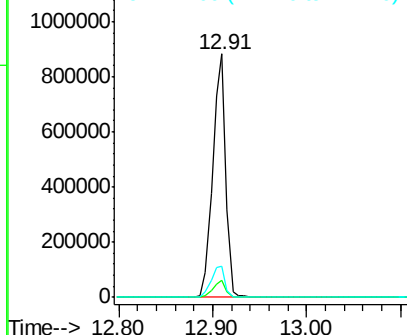
#78
 Terphenyl-d14
 Concen: 98.340 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099985.D
 Acq: 31 Oct 2017 3:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 865726
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.7 11.0 16.4

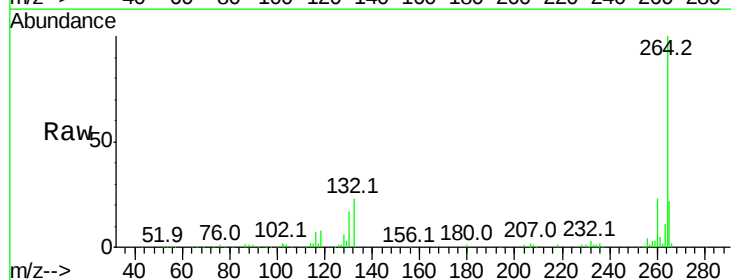


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF099985.D
 Acq: 31 Oct 2017 3:19

Tgt Ion:264 Resp: 169341
 Ion Ratio Lower Upper
 264 100
 260 23.0 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

