

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099926.D
 Acq On : 28 Oct 2017 19:22
 Operator : SJ/JU
 Sample : I6146-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:01:19 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

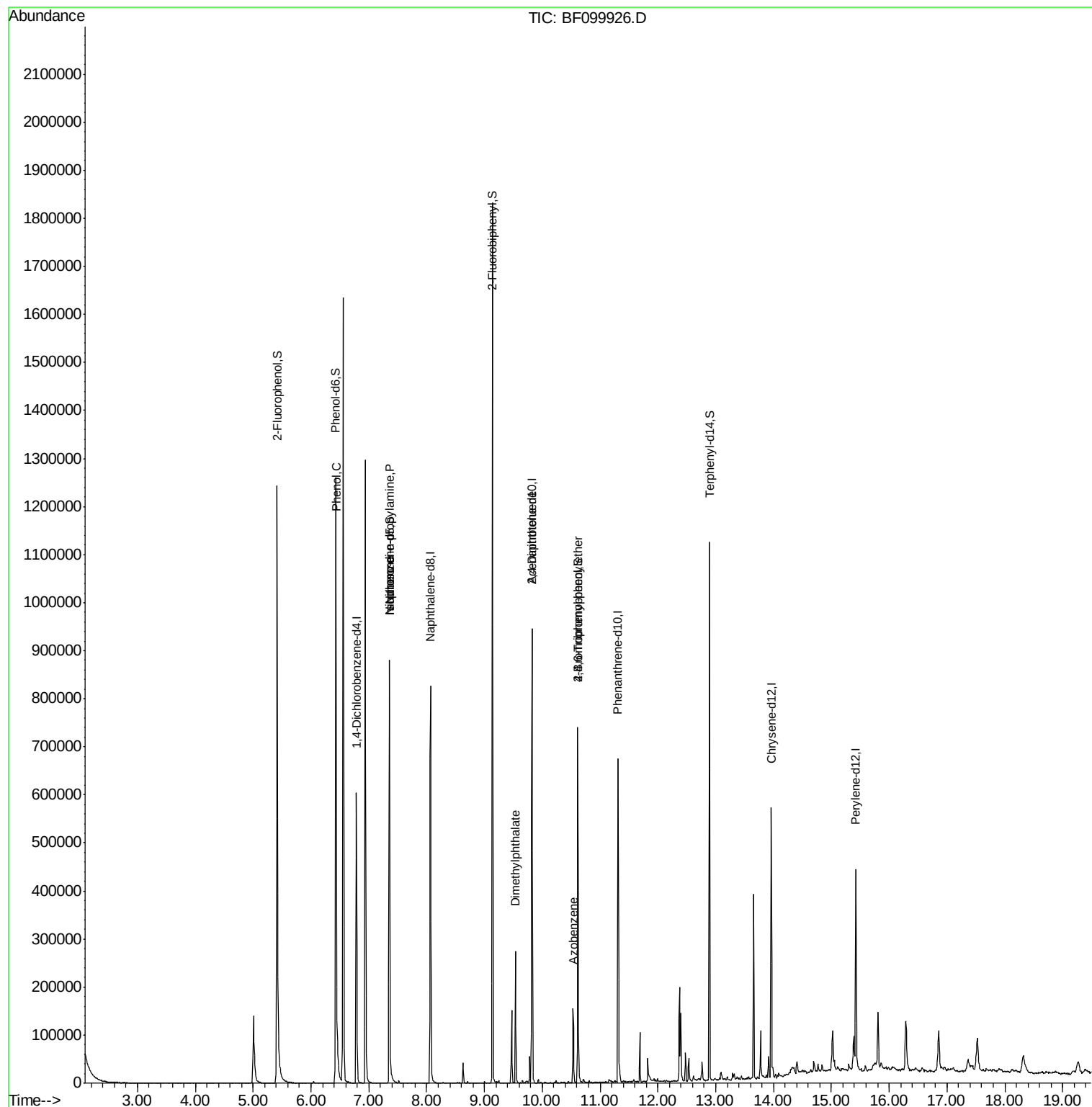
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102609	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	410373	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	176939	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	260131	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	177331	20.00	ng	-0.03
86) Perylene-d12	15.42	264	194586	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	471637	72.16	ng	0.00
7) Phenol-d6	6.43	99	543679	70.16	ng	-0.01
23) Nitrobenzene-d5	7.36	82	314043	49.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	88674	54.99	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	552888	48.21	ng	-0.02
78) Terphenyl-d14	12.89	244	333869	41.14	ng	-0.03
Target Compounds						
10) Phenol	6.44	94	29379	3.453	ng	84
19) n-Nitroso-di-n-propylamine	7.36	70	38395	8.454	ng	# 72
25) Isophorone	7.36	82	314043	27.151	ng	# 64
49) Dimethylphthalate	9.54	163	117324	8.373	ng	100
56) 2,4-Dinitrotoluene	9.82	165	22420	6.320	ng	# 22
62) Azobenzene	10.53	77	25277	2.204	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	6071	2.217	ng	# 1

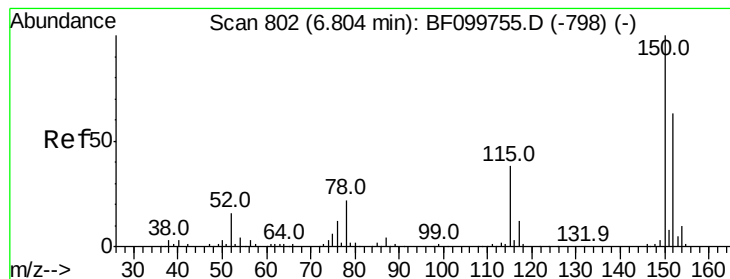
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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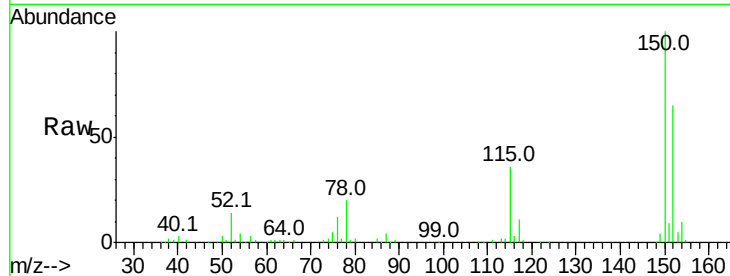


#1

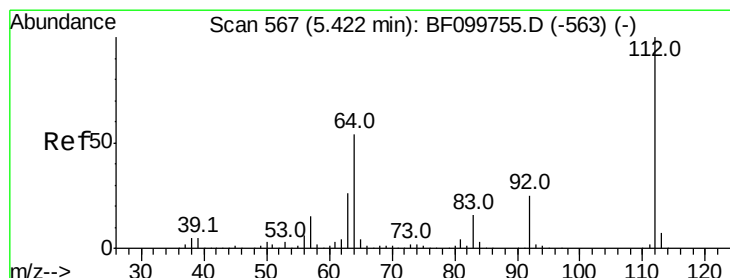
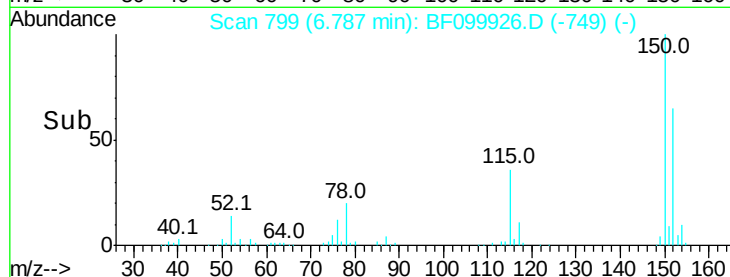
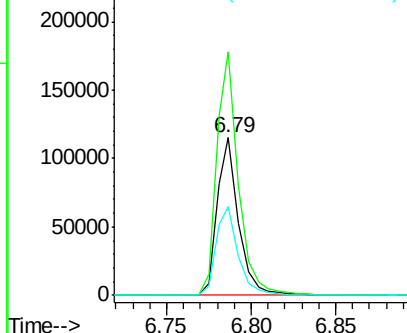
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099926.D
 Acq: 28 Oct 2017 19:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 102609
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 56.3 50.1 75.1



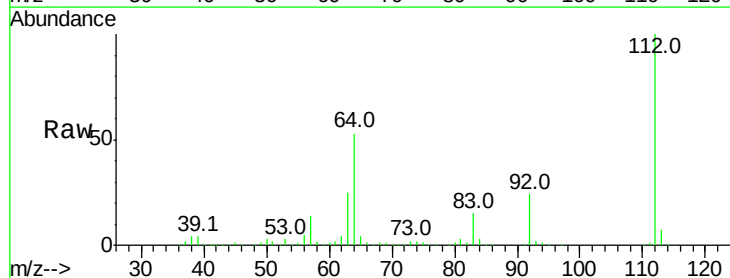
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



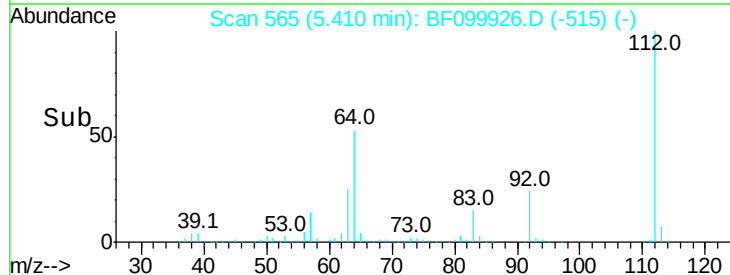
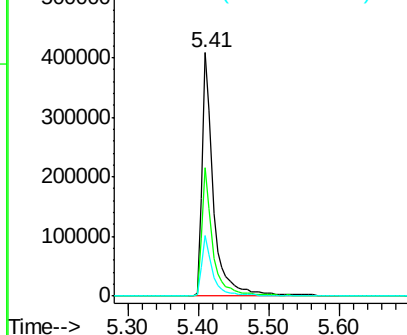
#5

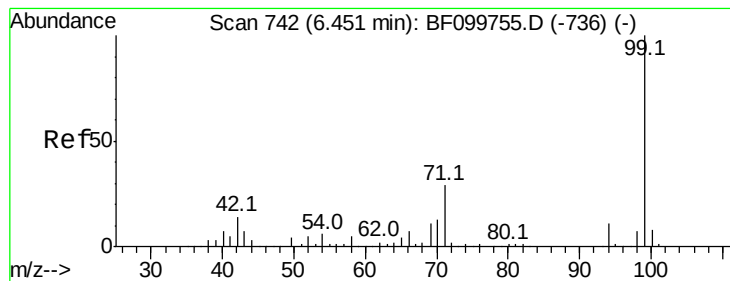
2-Fluorophenol
 Concen: 72.163 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099926.D
 Acq: 28 Oct 2017 19:22

Tgt Ion:112 Resp: 471637
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 24.9 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: 70.156 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099926.D

Acq: 28 Oct 2017 19:22

Instrument :

BNA_F

ClientSampleId :

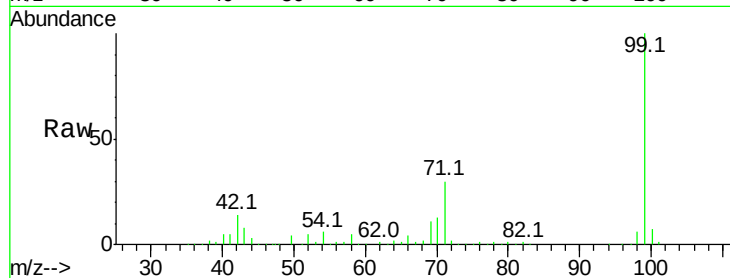
Tot Ion: 99 Resp: 543679

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

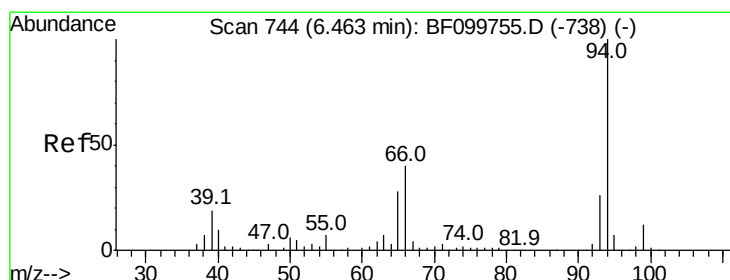
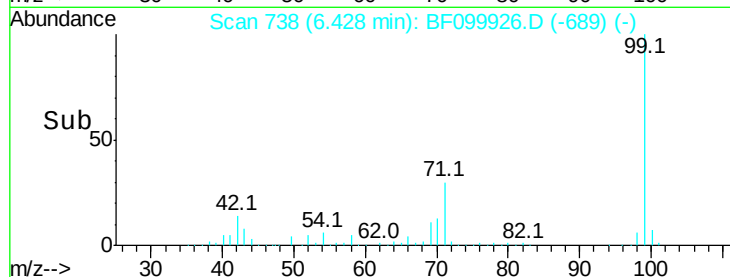
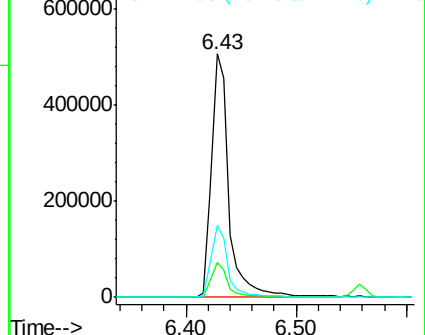
71 29.7 25.4 38.0



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: 3.453 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF099926.D

Acq: 28 Oct 2017 19:22

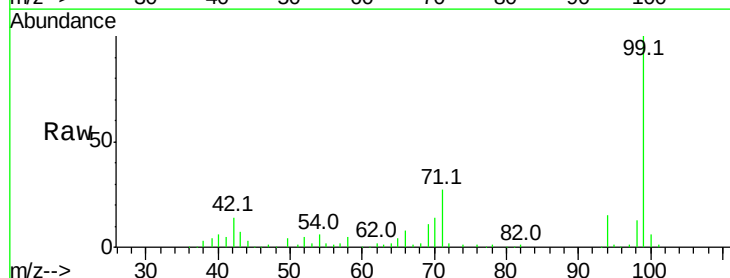
Tgt Ion: 94 Resp: 29379

Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

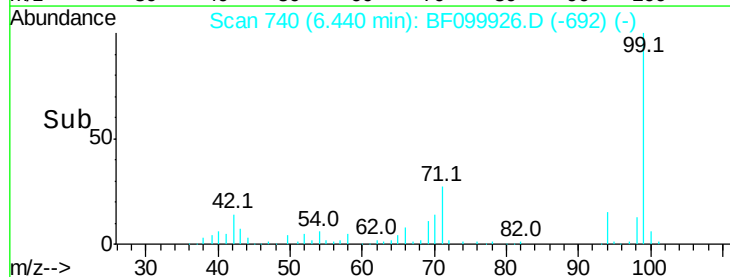
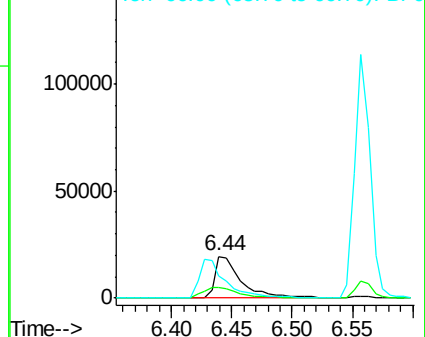
66 52.5 16.2 56.2

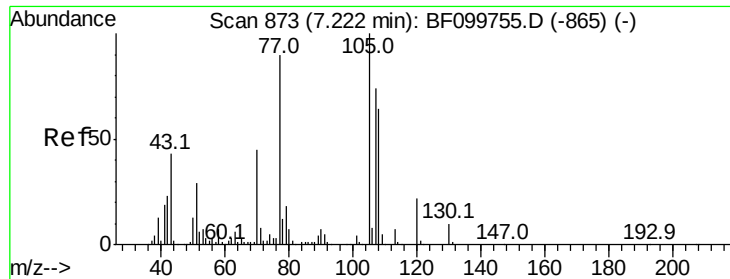


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

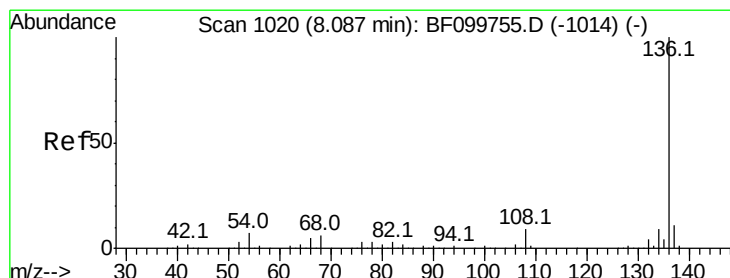
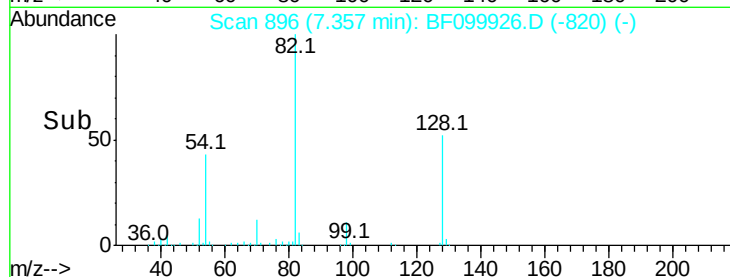
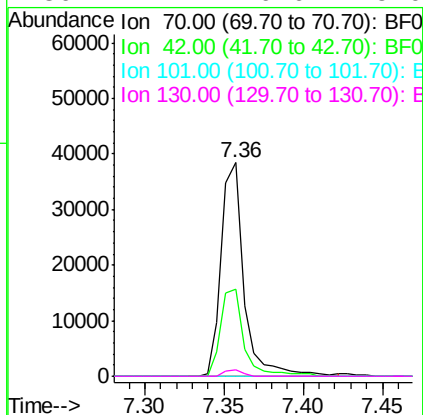
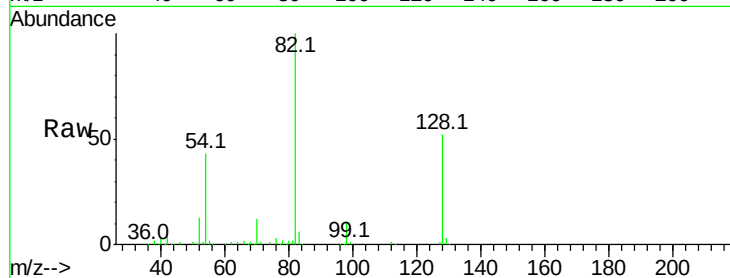




#19
 n-Nitroso-di-n-propylamine
 Concen: 8.454 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.15 min
 Lab File: BF099926.D
 Acq: 28 Oct 2017 19:22

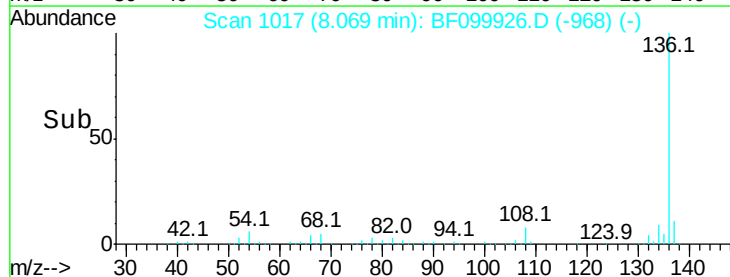
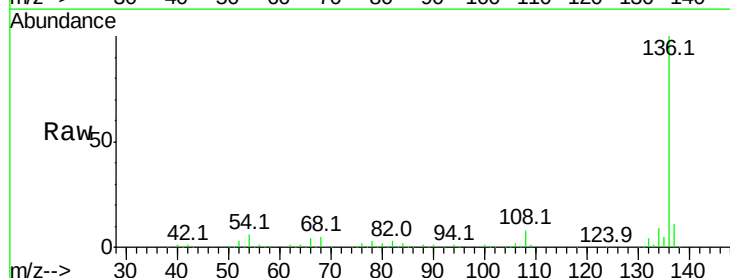
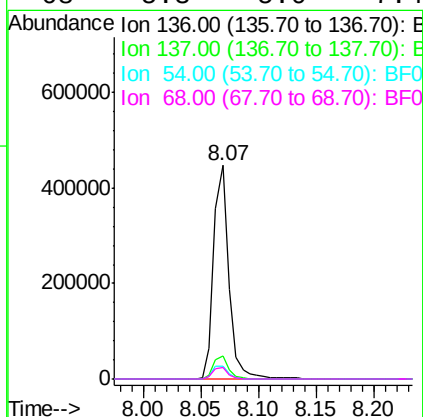
Instrument :
 BNA_F
 ClientSampleId :

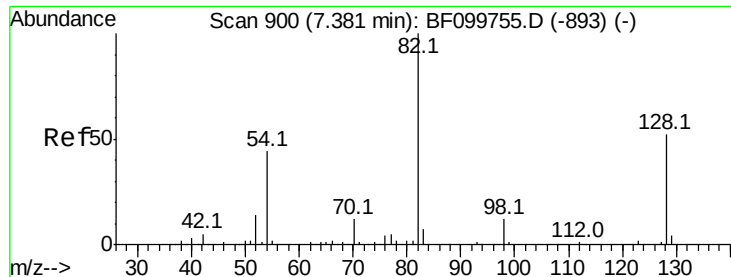
Tot Ion: 70 Resp: 38395
 Ion Ratio Lower Upper
 70 100
 42 40.5 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.7 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF099926.D
 Acq: 28 Oct 2017 19:22

Tgt Ion: 136 Resp: 410373
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.9 13.3
 54 5.9 6.6 9.8#
 68 5.3 5.0 7.4

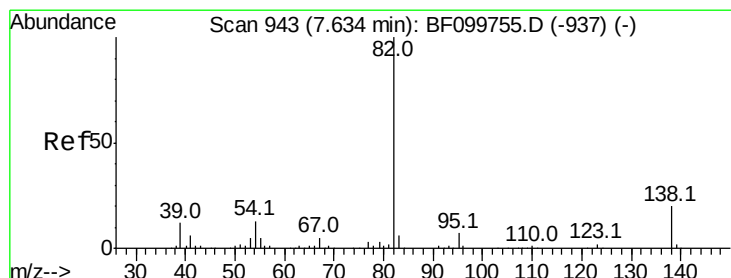
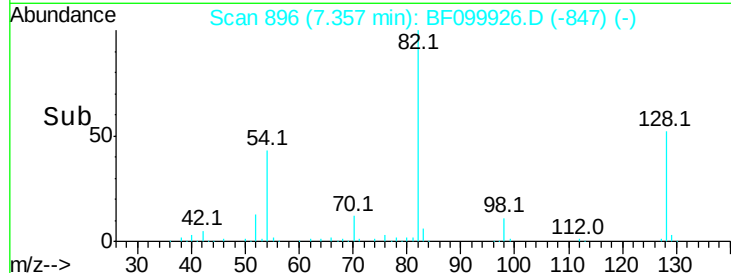
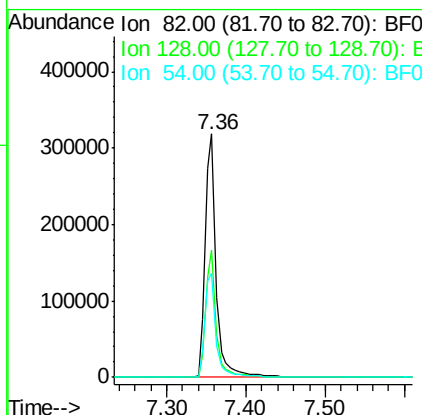
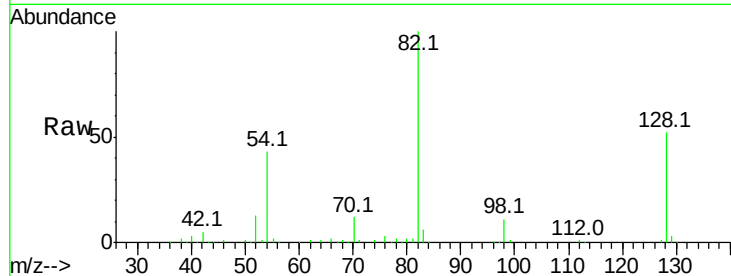




#23
 Nitrobenzene-d5
 Concen: 49.268 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099926.D
 Acq: 28 Oct 2017 19:22

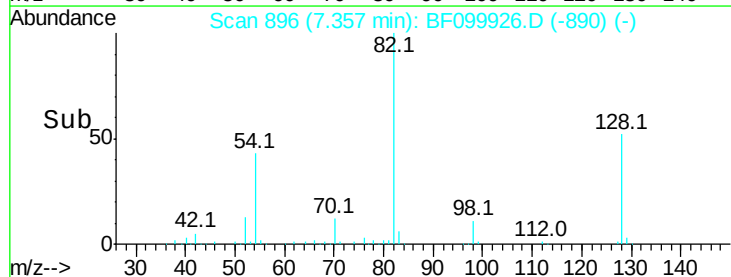
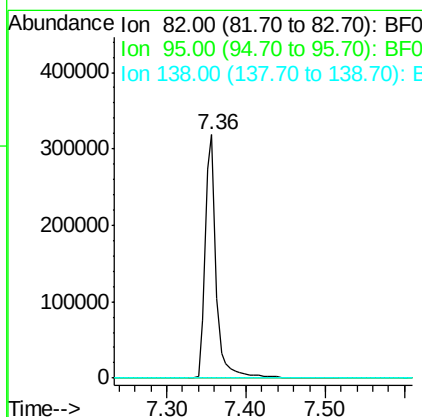
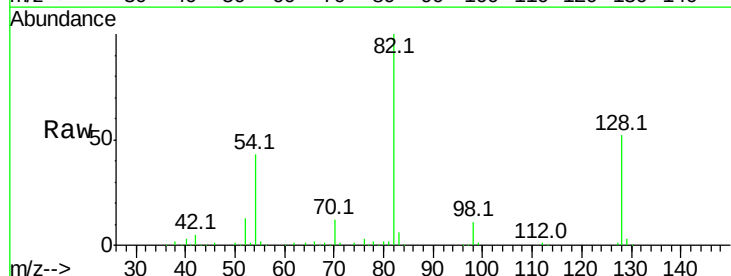
Instrument :
 BNA_F
 ClientSampled :

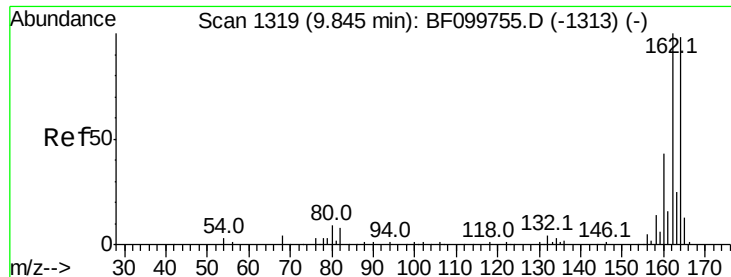
Tot Ion: 82 Resp: 314043
 Ion Ratio Lower Upper
 82 100
 128 52.0 36.1 54.1
 54 42.8 41.4 62.2



#25
 Isophorone
 Concen: 27.151 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099926.D
 Acq: 28 Oct 2017 19:22

Tgt Ion: 82 Resp: 314043
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

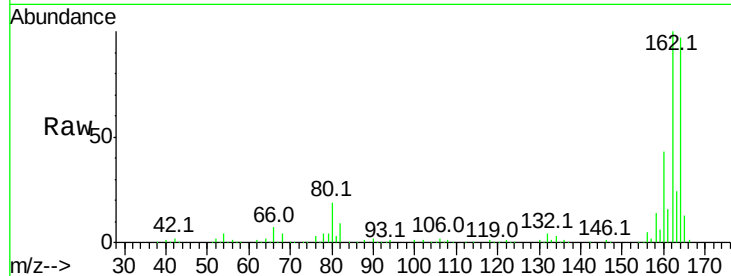




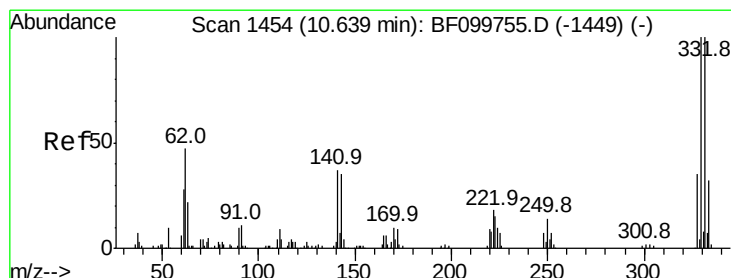
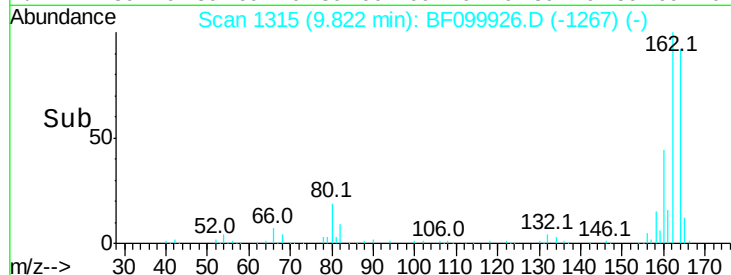
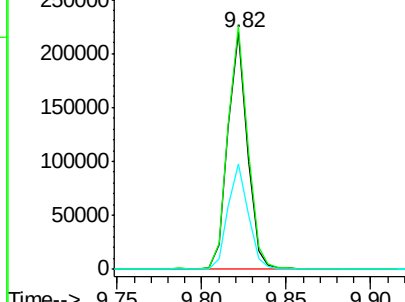
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099926.D
 Acq: 28 Oct 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 176939
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 44.6 38.3 57.5

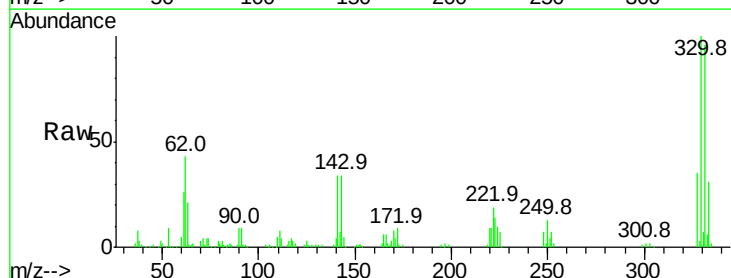


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

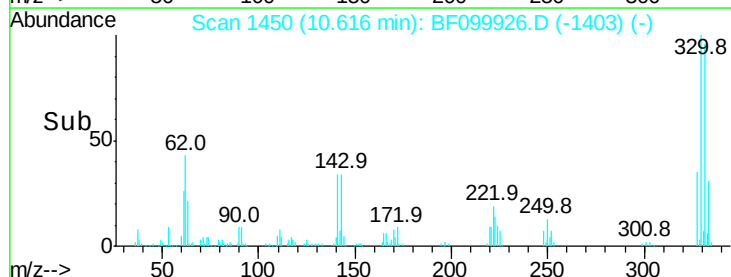
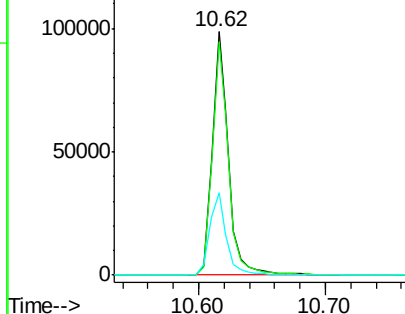


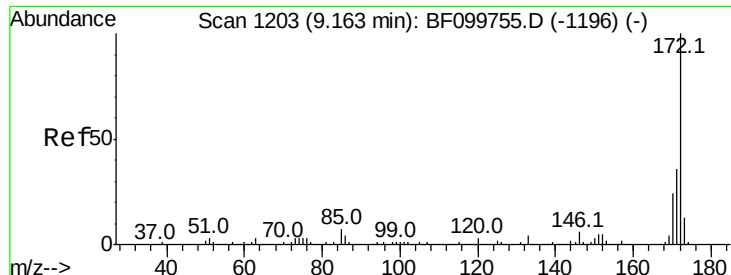
#41
 2,4,6-Tribromophenol
 Concen: 54.992 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099926.D
 Acq: 28 Oct 2017 19:22

Tgt Ion:330 Resp: 88674
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 34.5 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

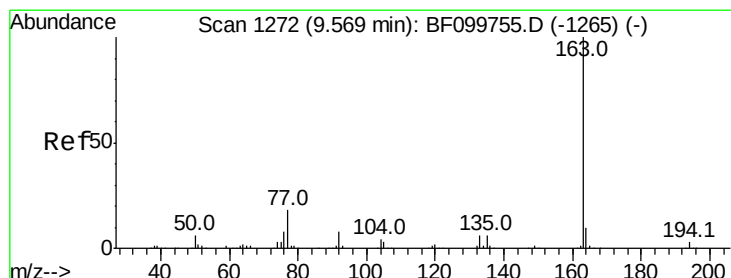
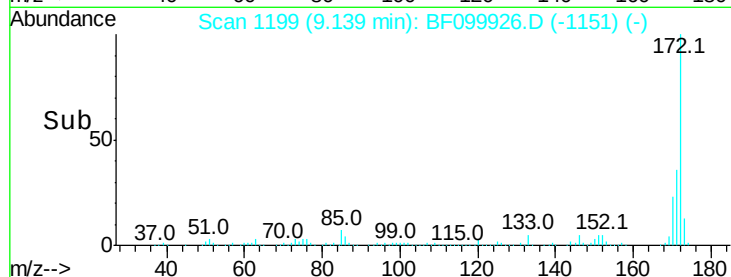
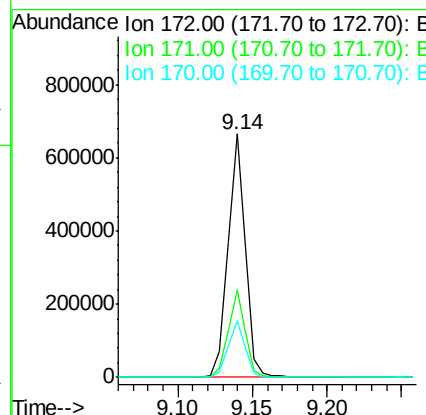
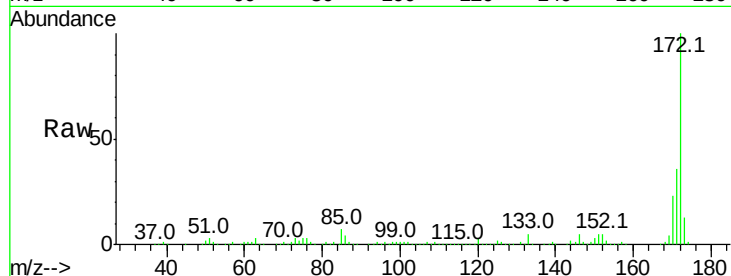




#44
2-Fluorobiphenyl
Concen: 48.210 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

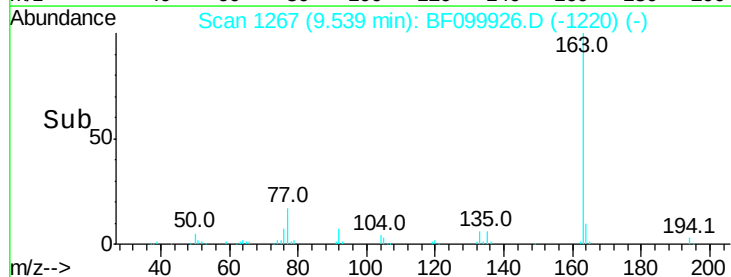
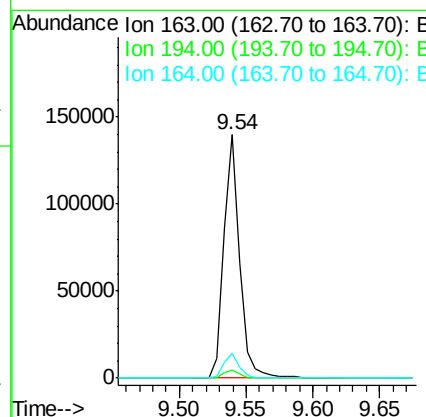
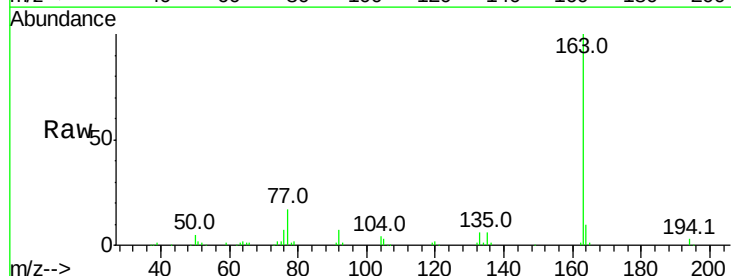
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BNA_F
ClientSampleId :

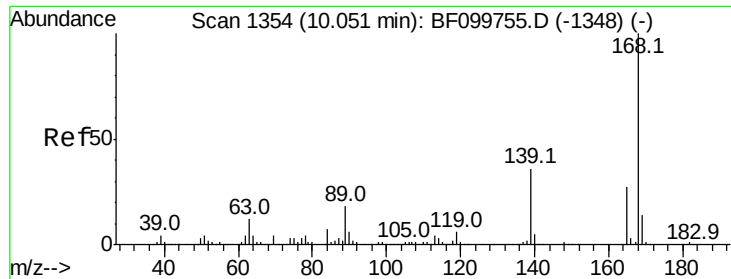
Tot Ion:172 Resp: 552888
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.2 19.6 29.4



#49
Dimethylphthalate
Concen: 8.373 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion:163 Resp: 117324
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

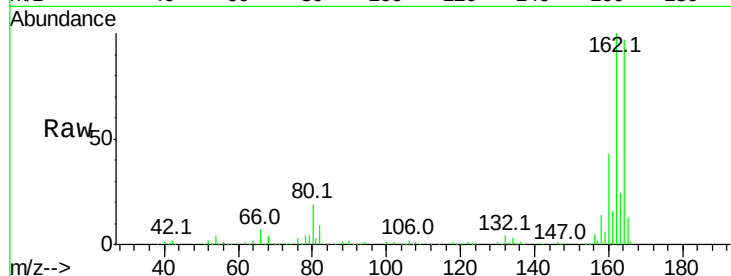




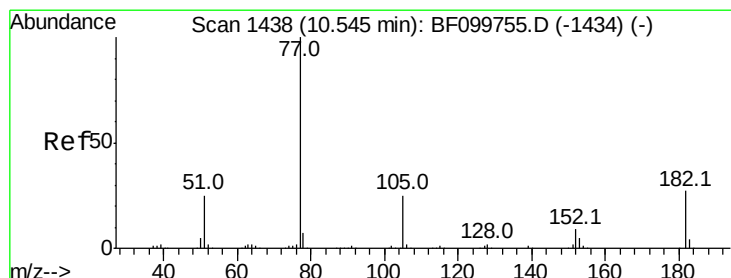
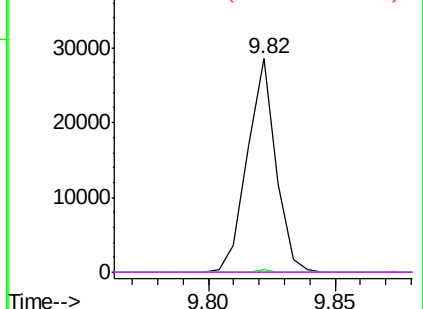
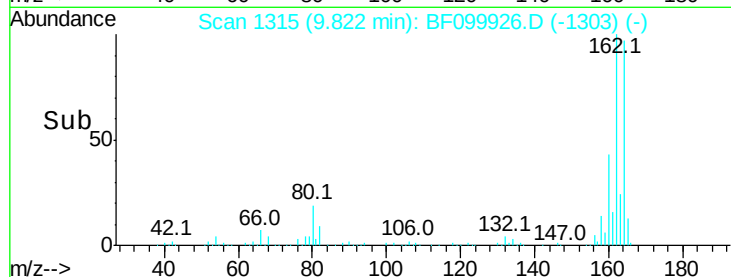
#56
 2,4-Dinitrotoluene
 Concen: 6.320 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099926.D
 Acq: 28 Oct 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22420
 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#

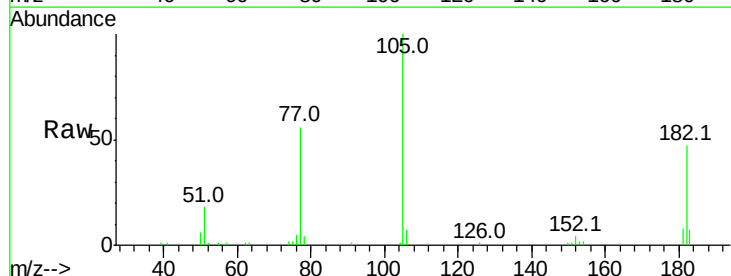


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

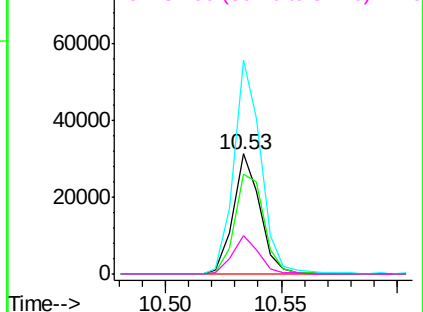
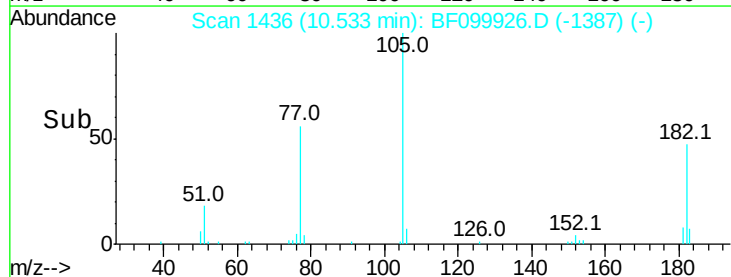


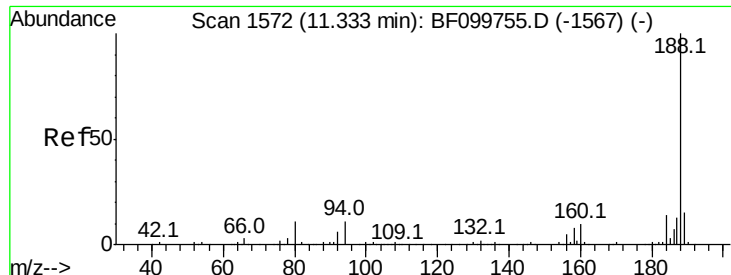
#62
 Azobenzene
 Concen: 2.204 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF099926.D
 Acq: 28 Oct 2017 19:22

Tgt Ion: 77 Resp: 25277
 Ion Ratio Lower Upper
 77 100
 182 83.0 1.7 41.7#
 105 178.1 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

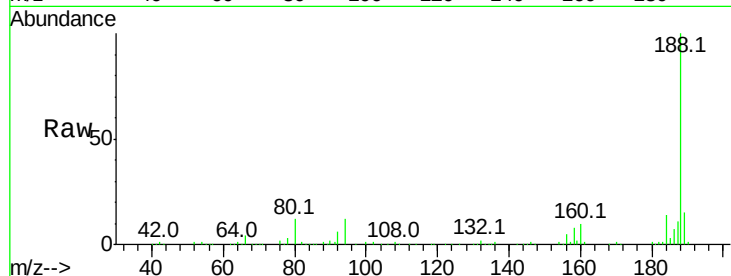




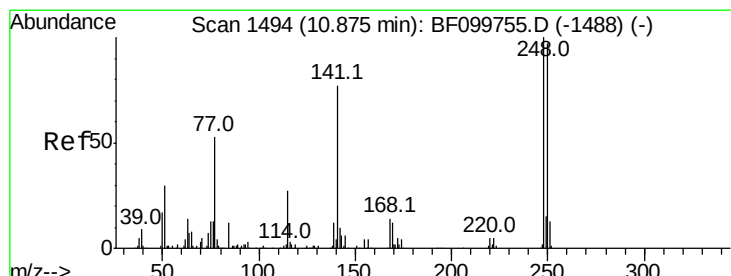
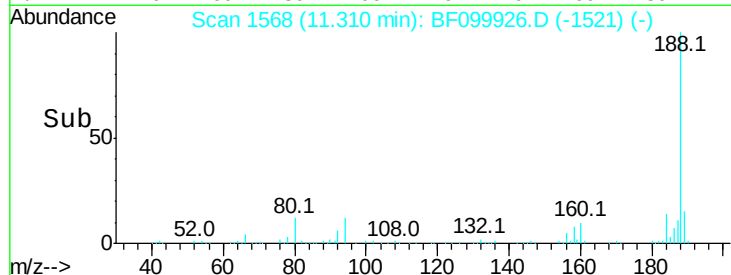
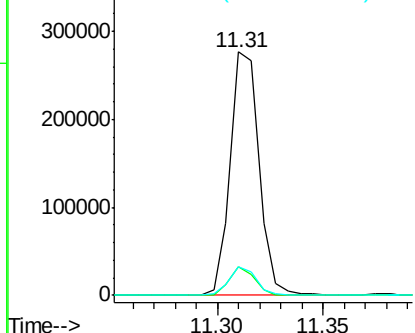
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 260131
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 11.7 9.2 13.8

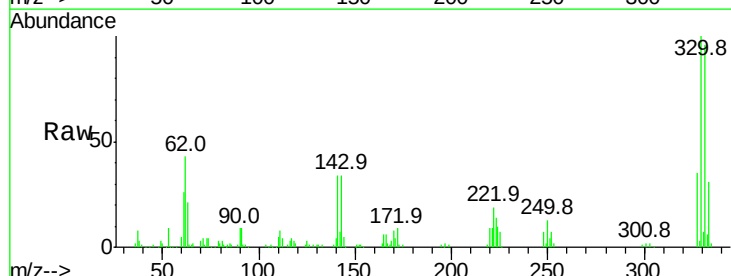


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

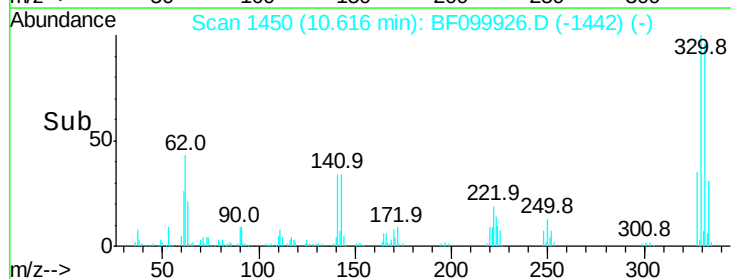
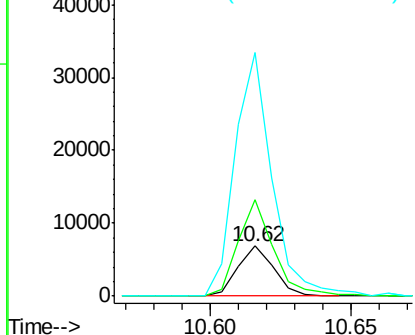


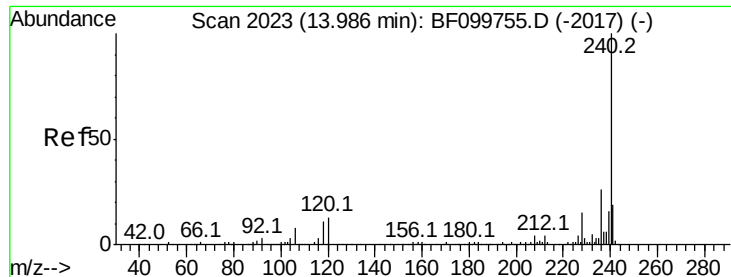
#66
4-Bromophenyl-phenylether
Concen: 2.217 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion:248 Resp: 6071
Ion Ratio Lower Upper
248 100
250 191.0 76.9 115.3#
141 484.9 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: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF099926.D

Acq: 28 Oct 2017 19:22

Instrument :

BNA_F

ClientSampled :

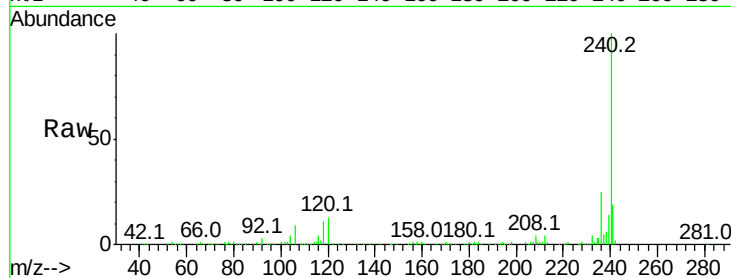
Tot Ion:240 Resp: 177331

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

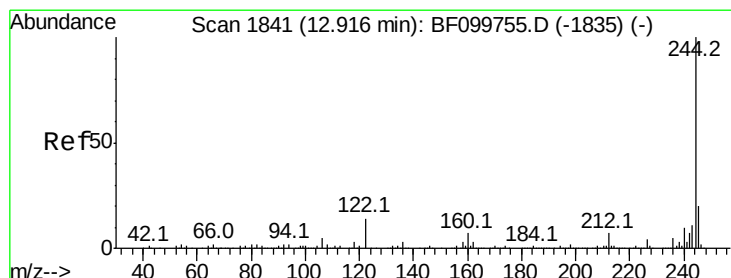
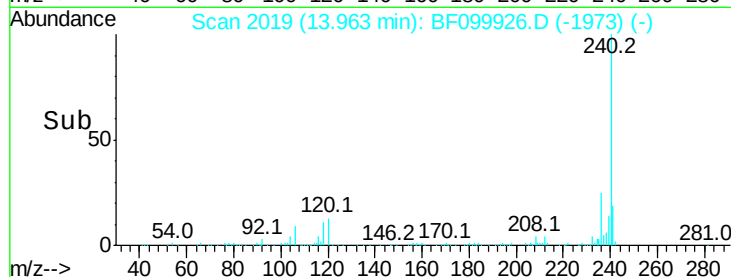
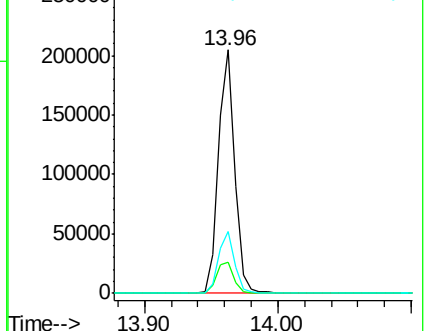
236 25.3 20.7 31.1



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: 41.145 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.03 min

Lab File: BF099926.D

Acq: 28 Oct 2017 19:22

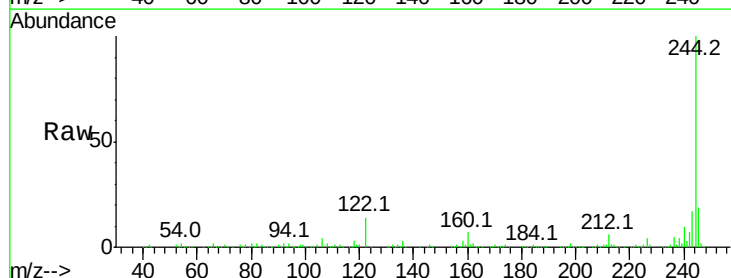
Tgt Ion:244 Resp: 333869

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

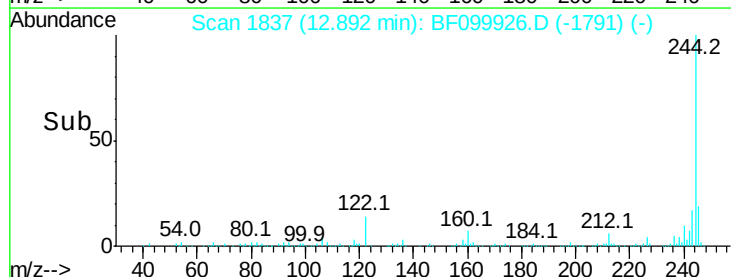
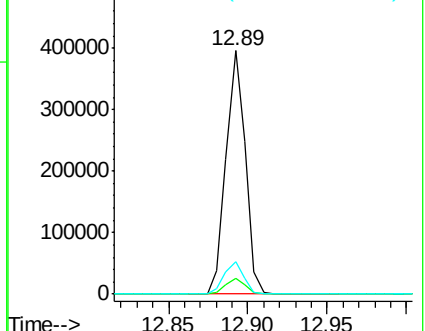
122 13.5 11.0 16.4

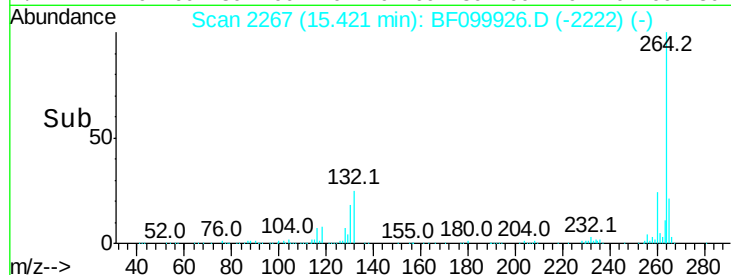
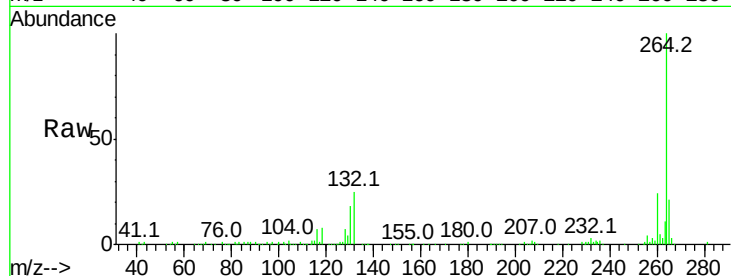
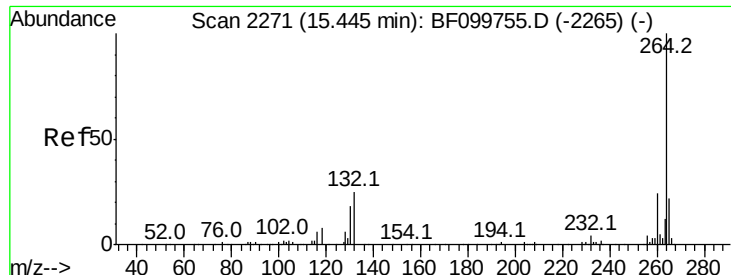


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2267
Delta R.T. -0.04 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	194586
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3

