

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099944.D
 Acq On : 29 Oct 2017 5:36
 Operator : SJ/JU
 Sample : I6059-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:06:33 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

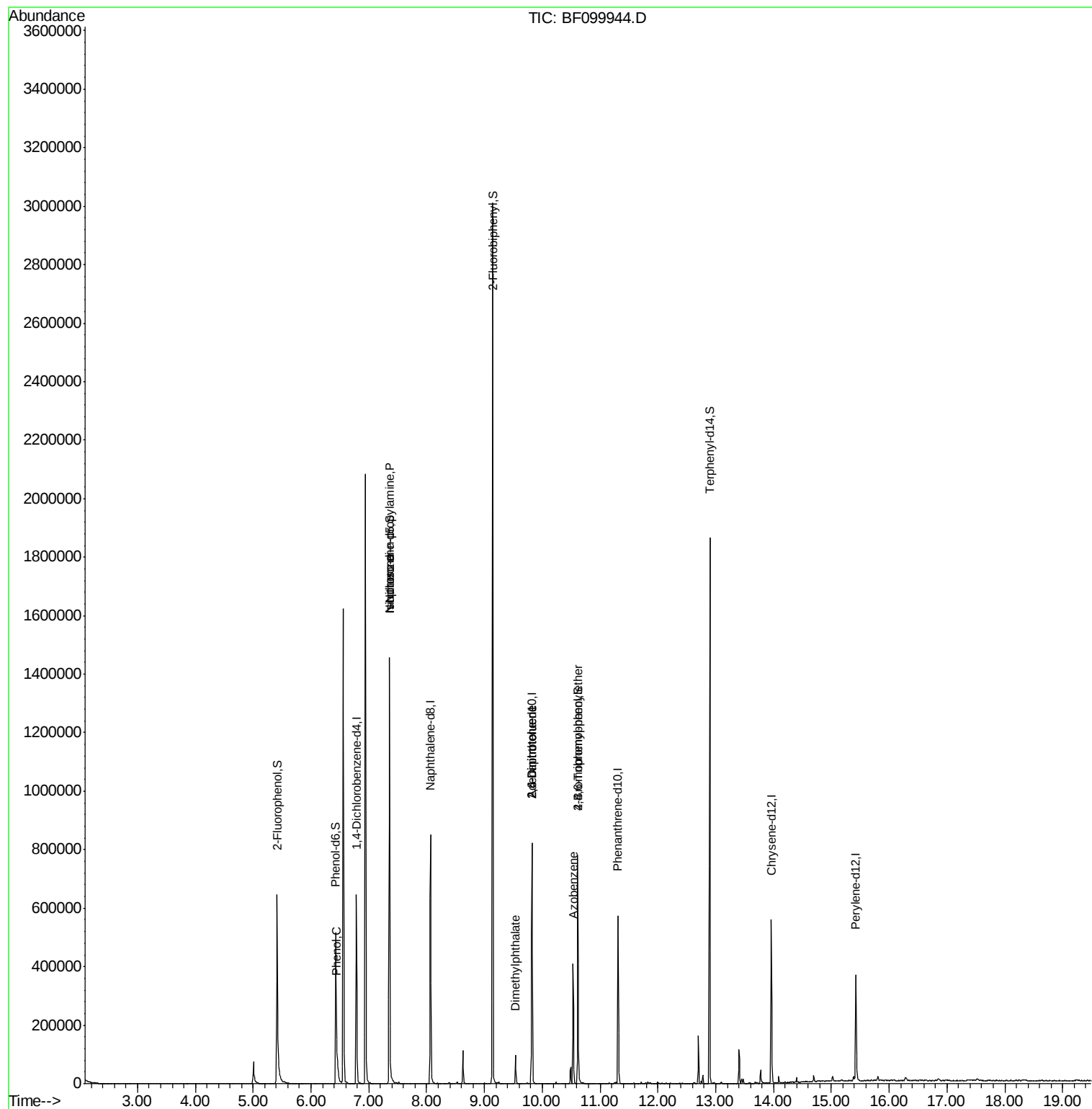
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	105360	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	409020	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	159960	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	218927	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	179167	20.00	ng	-0.03
86) Perylene-d12	15.42	264	173203	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	278215	41.46	ng	0.00
7) Phenol-d6	6.43	99	243843	30.64	ng	-0.01
23) Nitrobenzene-d5	7.36	82	546030	85.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	94530	64.85	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1012903	97.70	ng	-0.01
78) Terphenyl-d14	12.90	244	642536	78.37	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	22803	2.610	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	67123	14.394	ng	# 71
25) Isophorone	7.36	82	546030	47.364	ng	# 64
49) Dimethylphthalate	9.54	163	43984	3.472	ng	100
50) 2,6-Dinitrotoluene	9.82	165	20551	7.717	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	20551	6.408	ng	# 23
62) Azobenzene	10.53	77	61803	5.960	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	6326	2.745	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099944.D
Acq On : 29 Oct 2017 5:36
Operator : SJ/JU
Sample : I6059-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 02:06:33 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



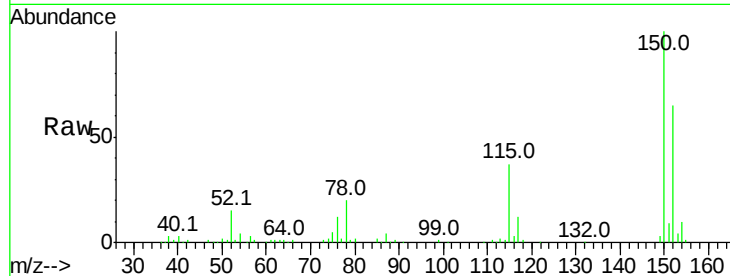


#1

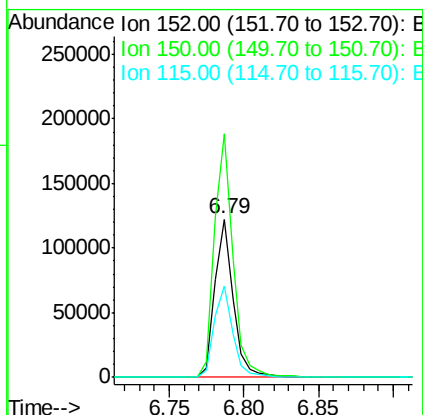
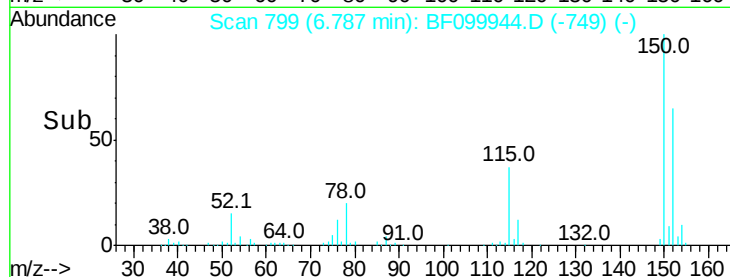
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 105360
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.6 186.8
 115 57.5 50.1 75.1



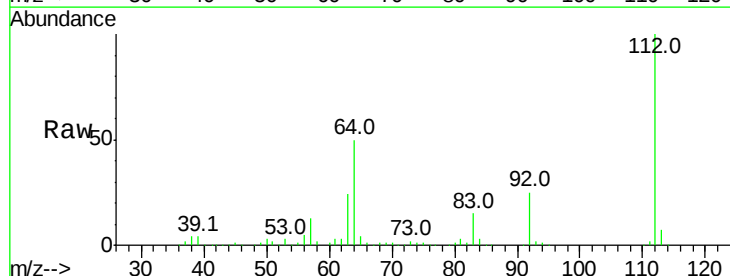
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



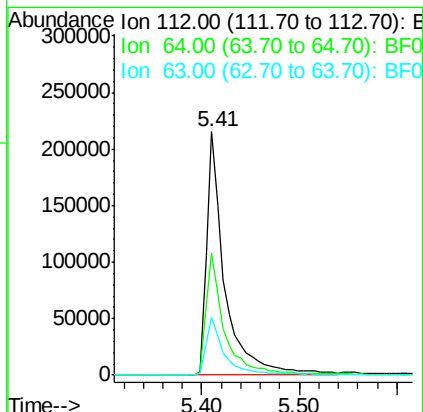
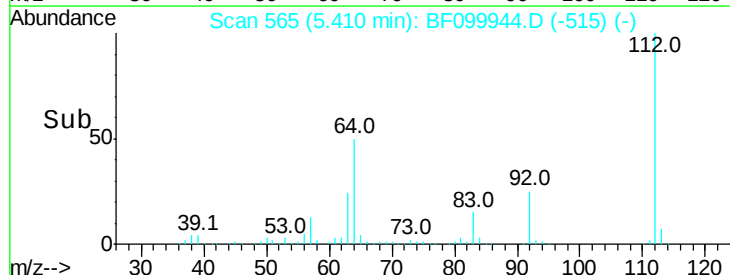
#5

2-Fluorophenol
 Concen: 41.457 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

Tgt Ion:112 Resp: 278215
 Ion Ratio Lower Upper
 112 100
 64 50.4 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: 30.644 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099944.D

Acq: 29 Oct 2017 5:36

Instrument :

BNA_F

ClientSampleId :

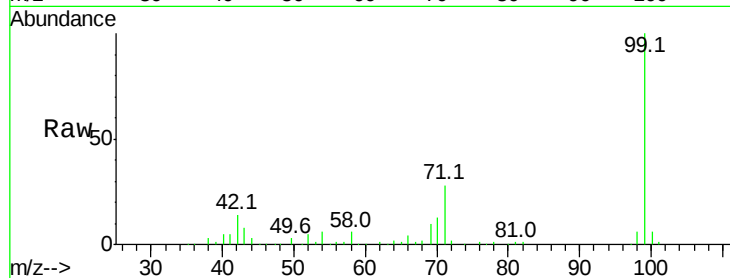
Tot Ion: 99 Resp: 243843

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

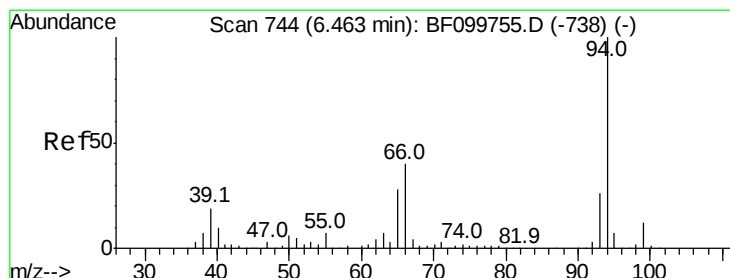
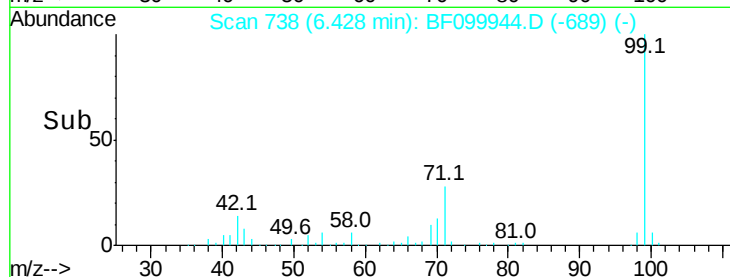
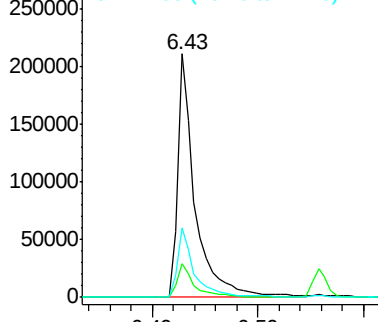
71 28.3 25.4 38.0



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: 2.610 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099944.D

Acq: 29 Oct 2017 5:36

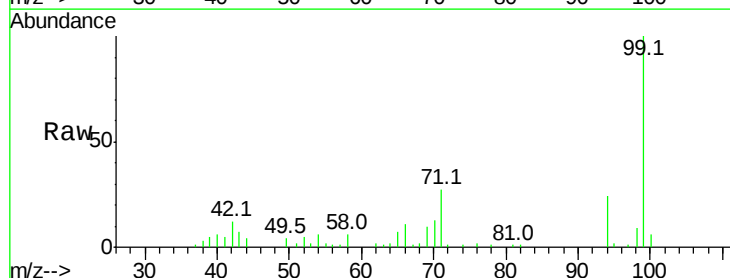
Tgt Ion: 94 Resp: 22803

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

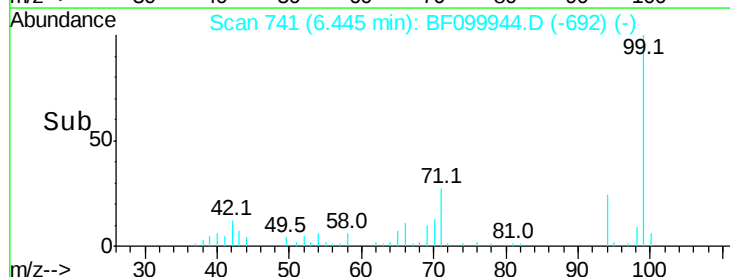
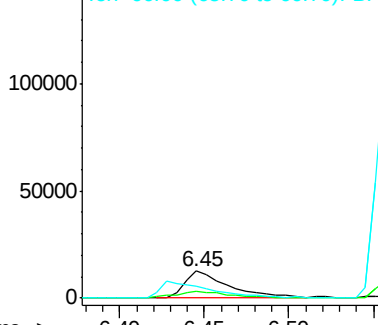
66 44.0 16.2 56.2

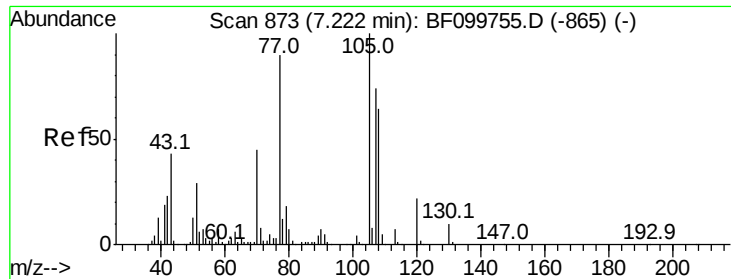


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

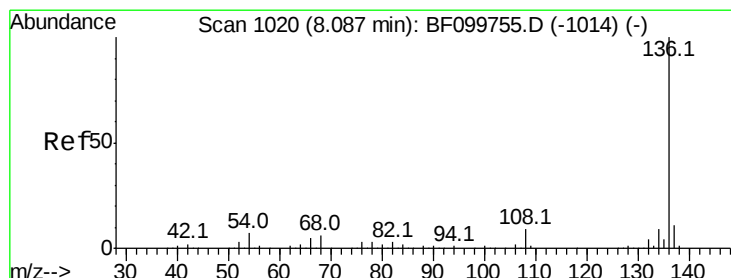
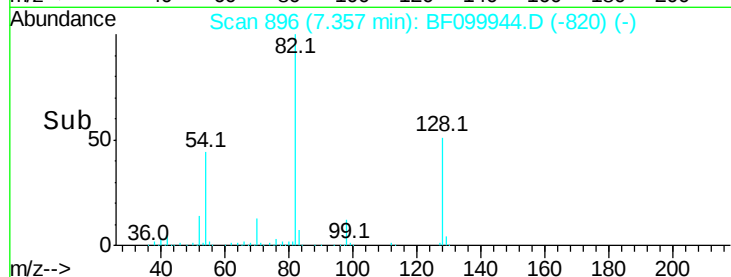
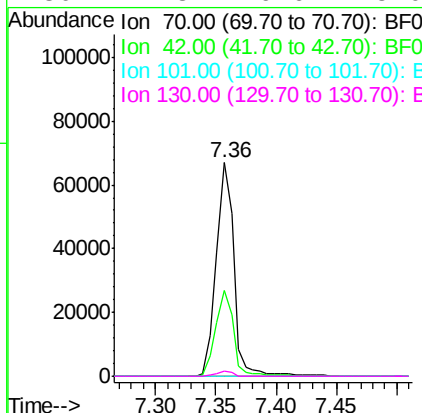
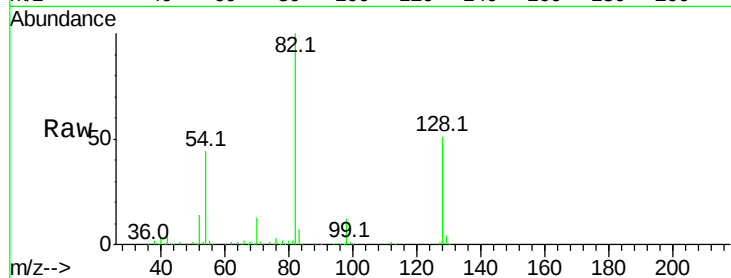




#19
n-Nitroso-di-n-propylamine
Concen: 14.394 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

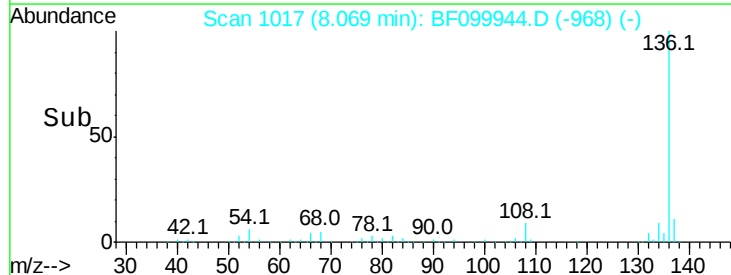
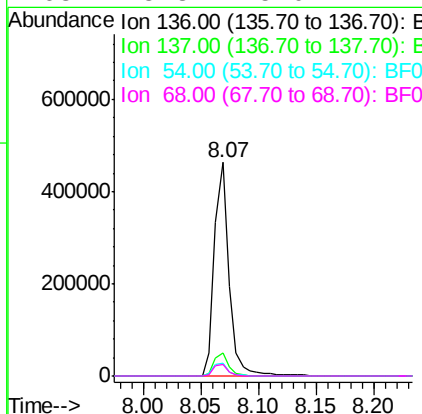
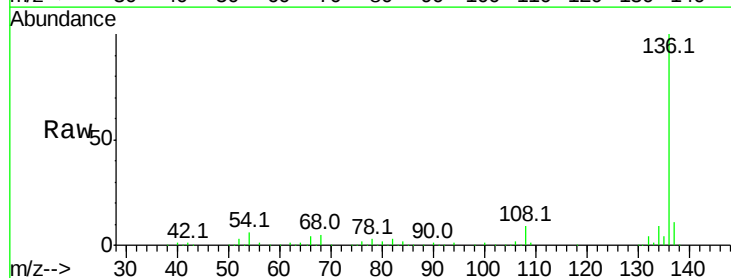
Instrument :
BNA_F
ClientSampled :

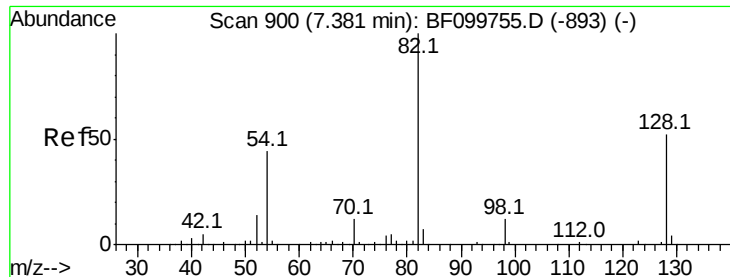
Tot Ion: 70 Resp: 67123
Ion Ratio Lower Upper
70 100
42 39.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion: 136 Resp: 409020
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.2 6.6 9.8#
68 5.3 5.0 7.4

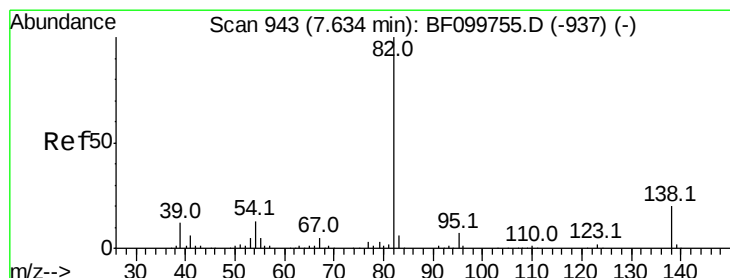
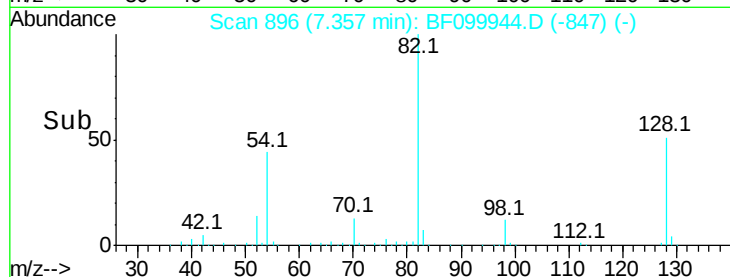
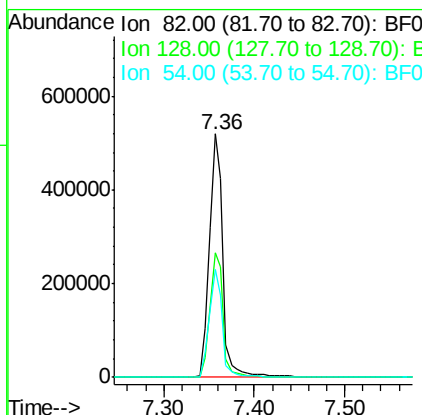
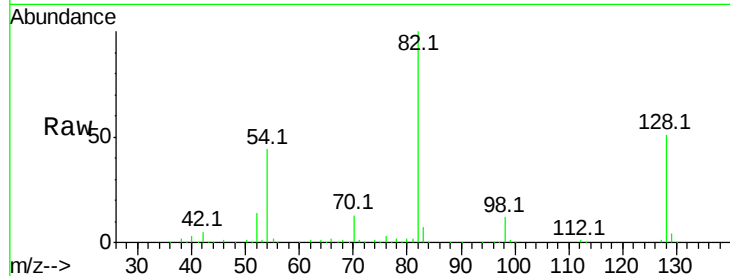




#23
 Nitrobenzene-d5
 Concen: 85.946 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

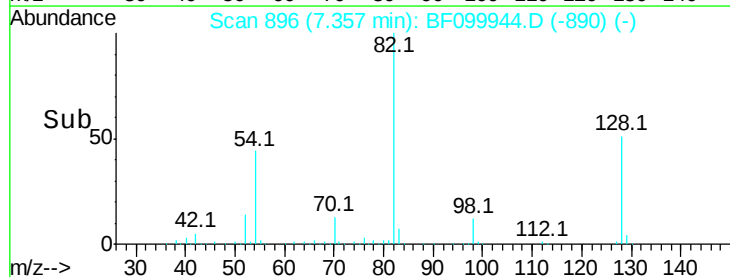
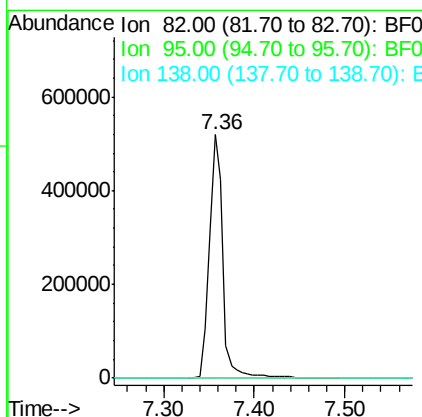
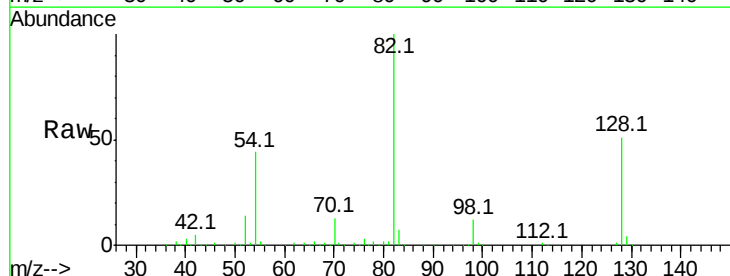
Instrument :
 BNA_F
 ClientSampleId :

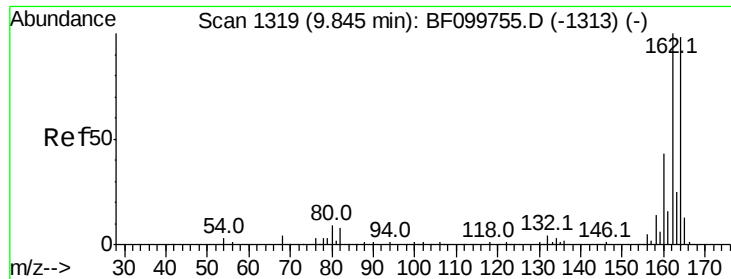
Tot Ion: 82 Resp: 546030
 Ion Ratio Lower Upper
 82 100
 128 51.0 36.1 54.1
 54 44.3 41.4 62.2



#25
 Isophorone
 Concen: 47.364 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

Tgt Ion: 82 Resp: 546030
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

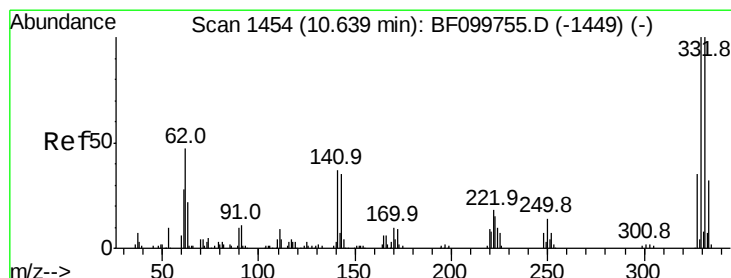
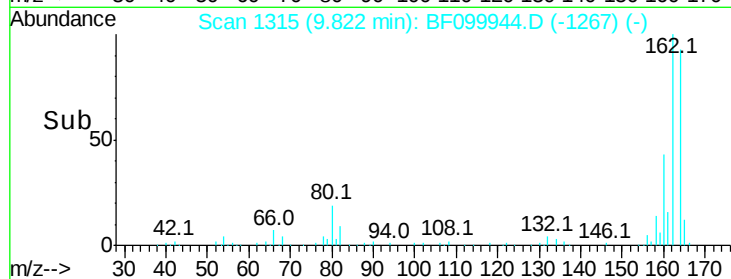
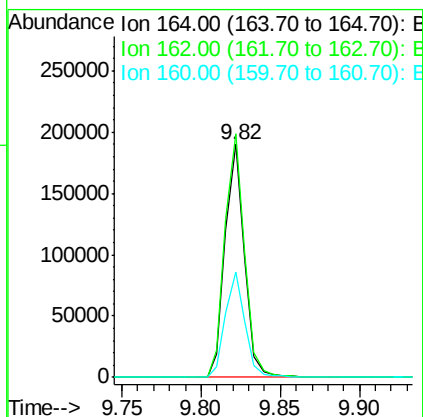
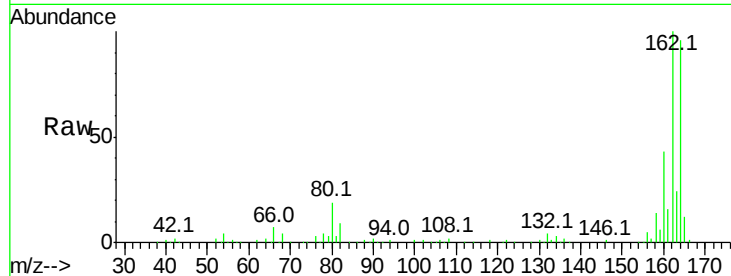




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

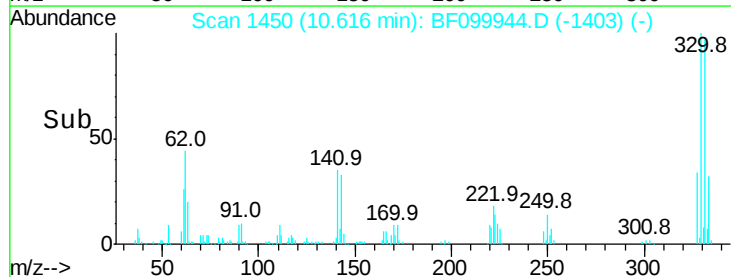
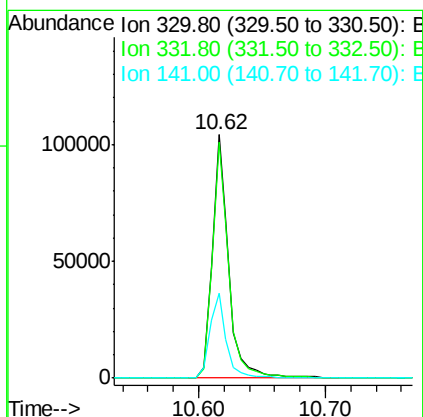
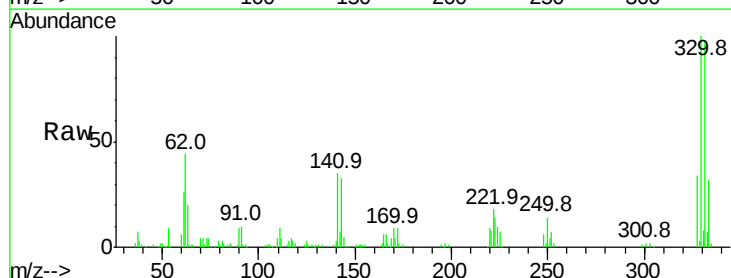
Instrument :
 BNA_F
 ClientSampleId :

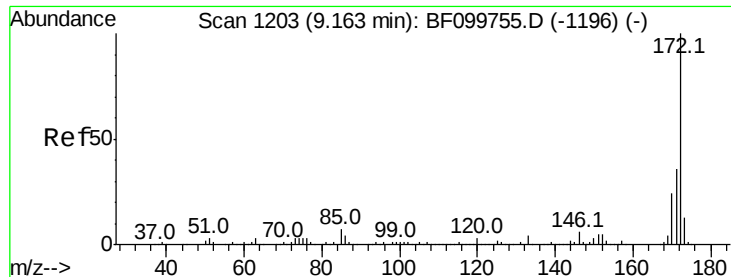
Tot Ion:164 Resp: 159960
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 45.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 64.847 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

Tgt Ion:330 Resp: 94530
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 35.1 29.9 44.9



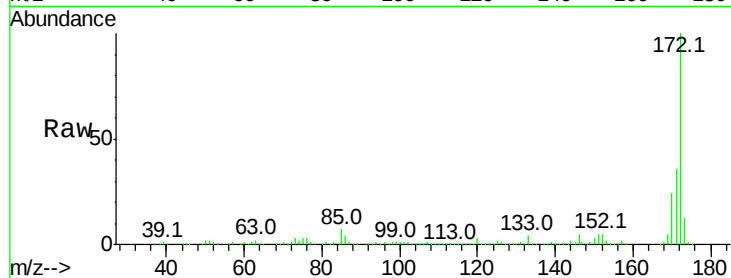


#44
 2-Fluorobiphenyl
 Concen: 97.696 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

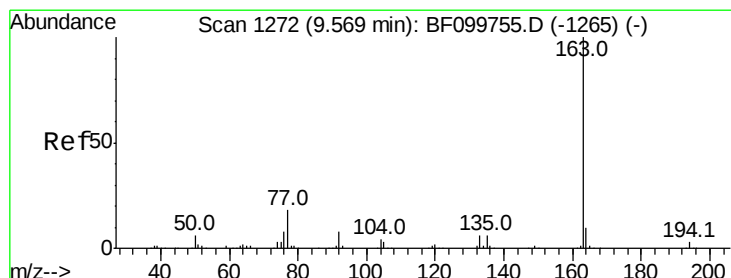
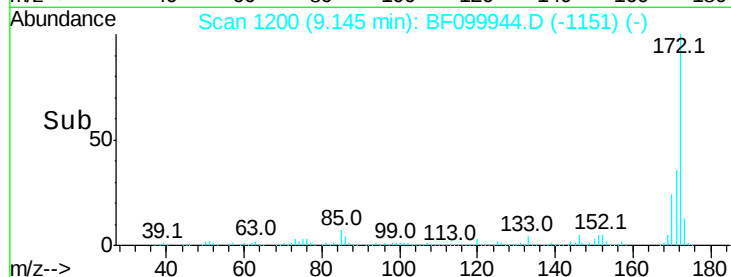
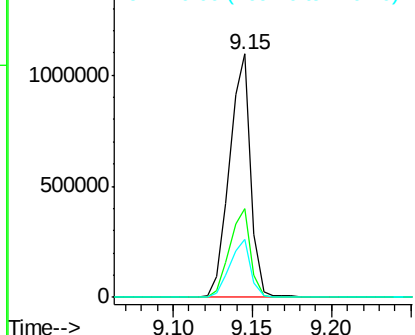
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1012903

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4



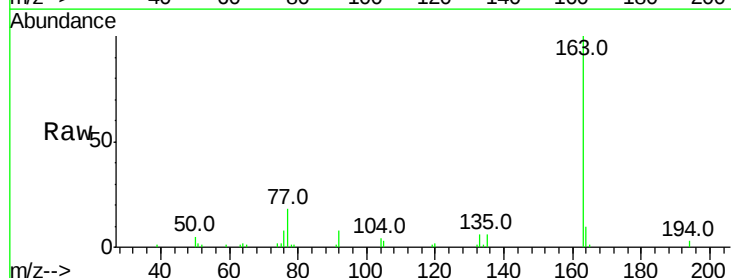
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



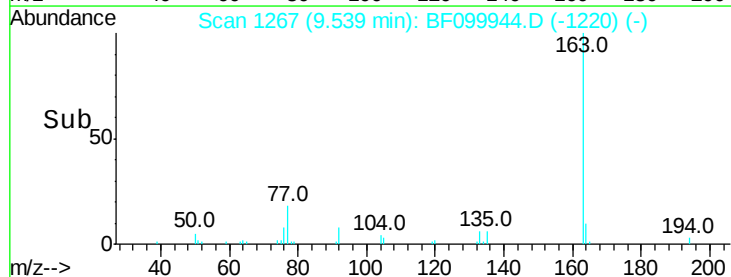
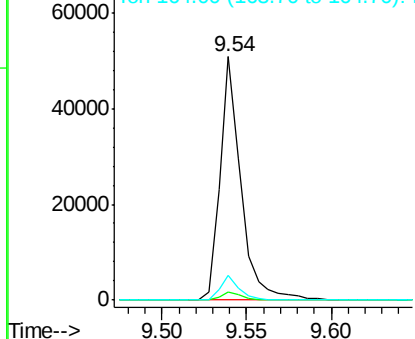
#49
 Dimethylphthalate
 Concen: 3.472 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

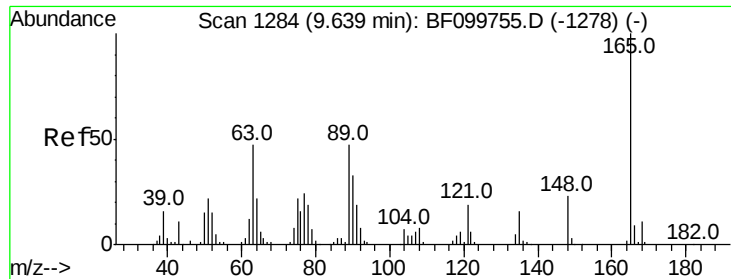
Tgt Ion:163 Resp: 43984

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	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

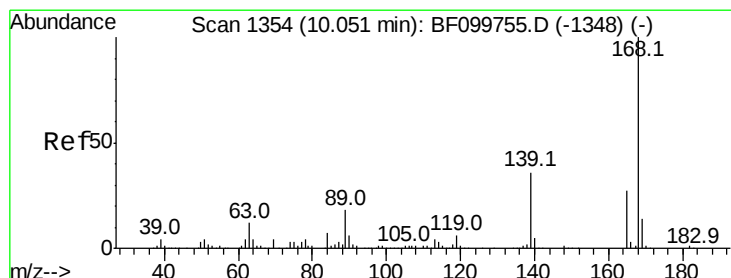
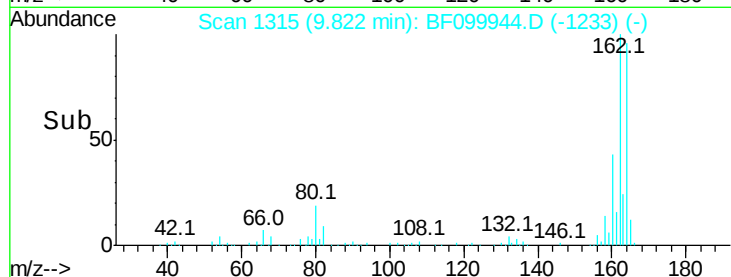
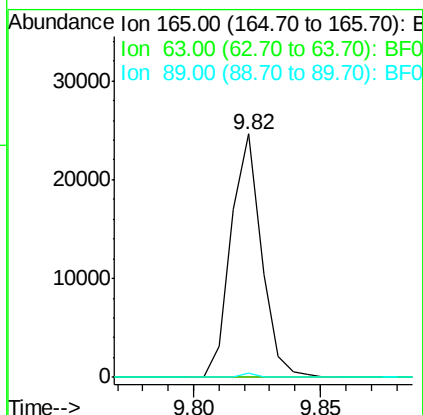
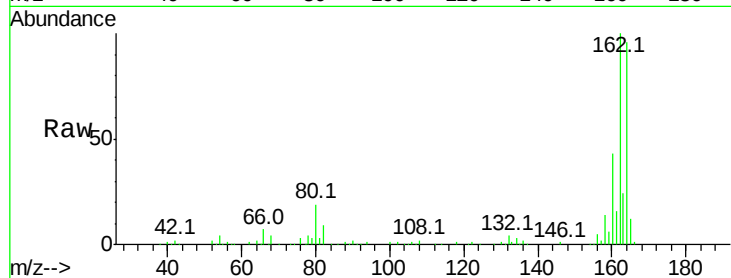




#50
 2,6-Dinitrotoluene
 Concen: 7.717 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.18 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

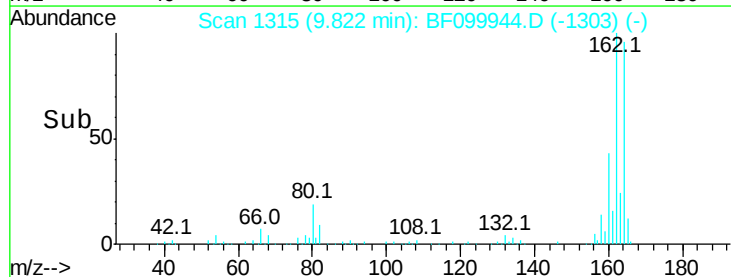
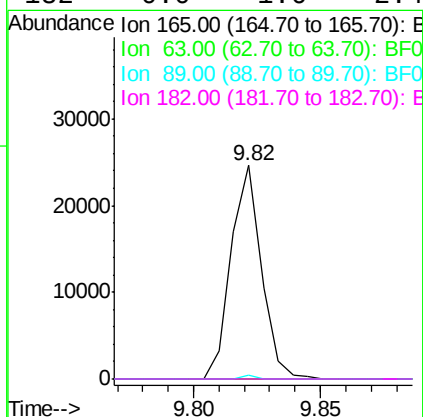
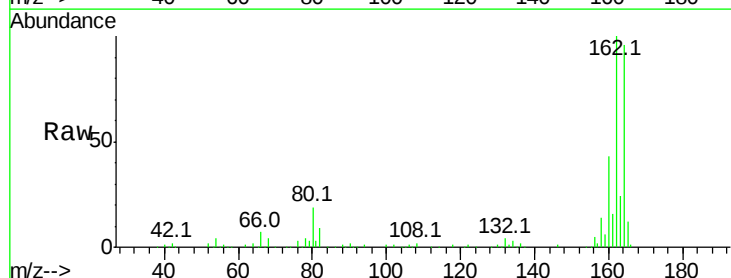
Instrument :
 BNA_F
 ClientSampleId :

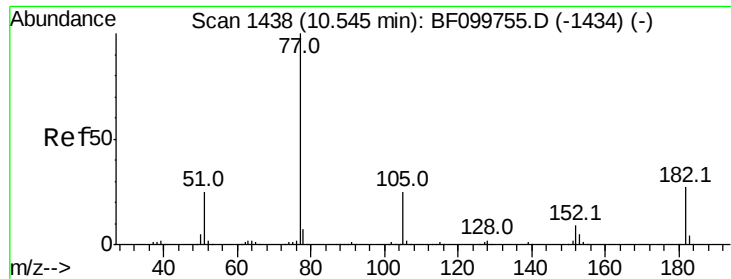
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.408 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#





#62

Azobenzene

Concen: 5.960 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF099944.D

Acq: 29 Oct 2017 5:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 61803

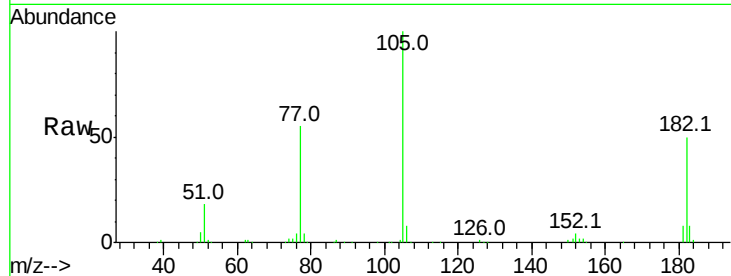
Ion Ratio Lower Upper

77 100

182 90.2 1.7 41.7#

105 181.7 3.0 43.0#

51 31.8 9.9 49.9

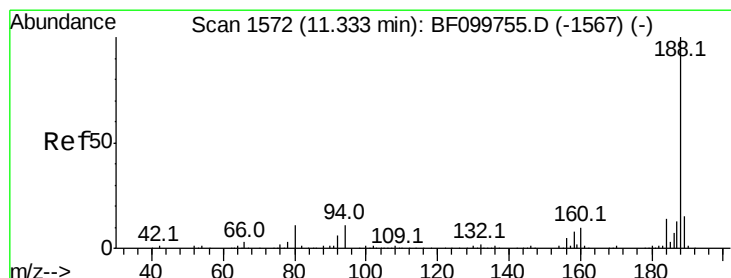
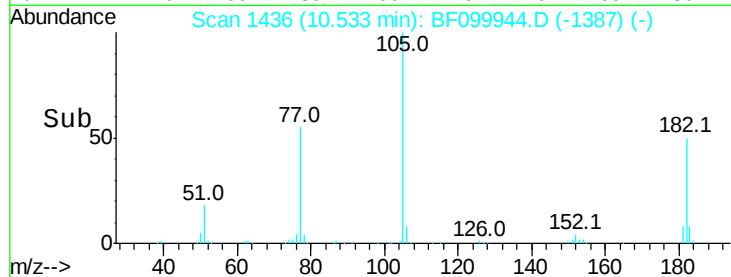
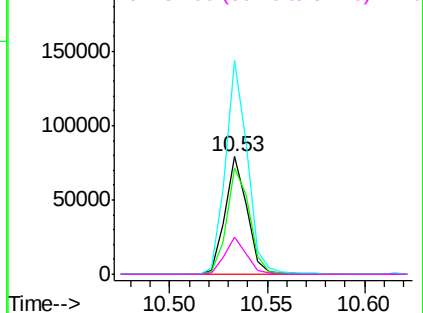


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF099944.D

Acq: 29 Oct 2017 5:36

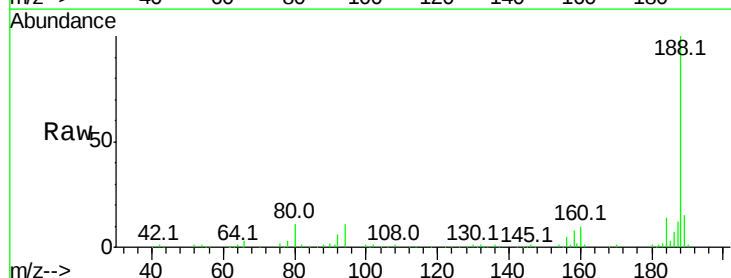
Tgt Ion: 188 Resp: 218927

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

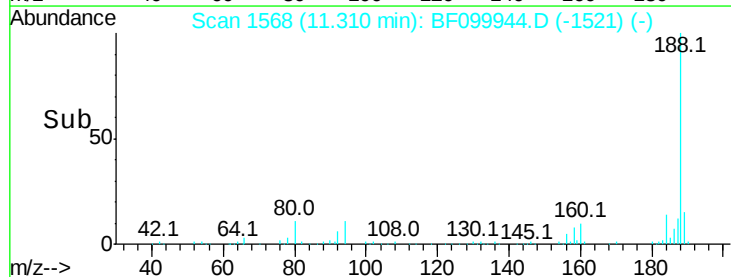
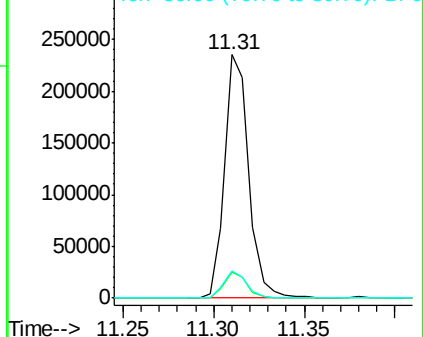
80 11.4 9.2 13.8



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

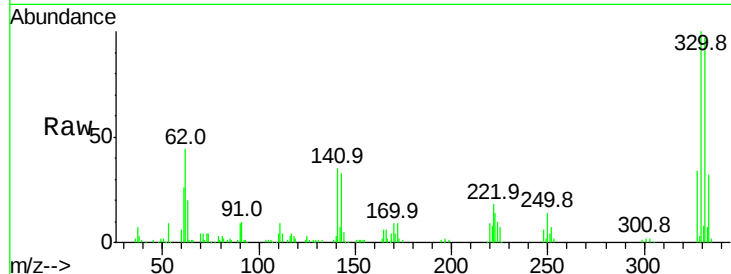




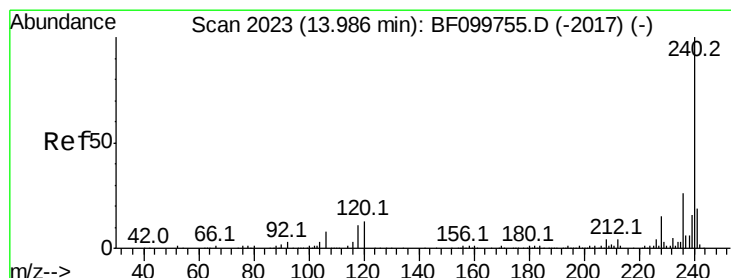
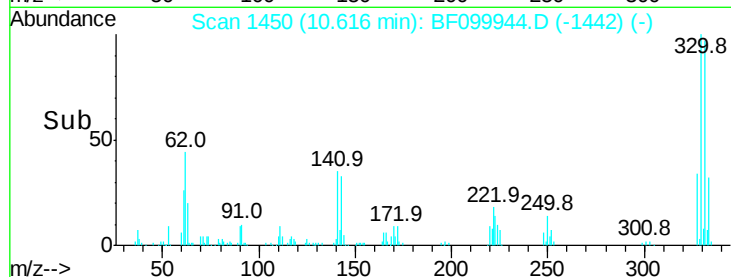
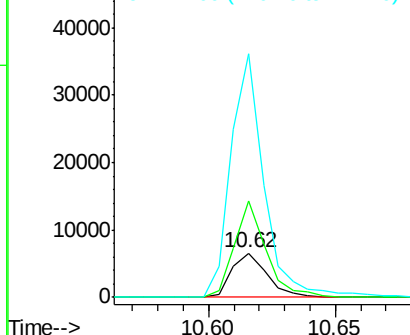
#66
 4-Bromophenyl-phenylether
 Concen: 2.745 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6326
 Ion Ratio Lower Upper
 248 100
 250 218.6 76.9 115.3#
 141 550.7 74.4 111.6#

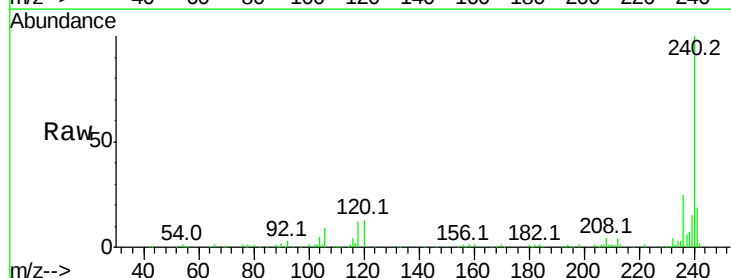


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

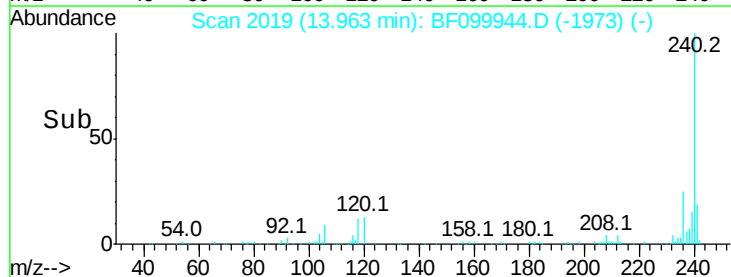
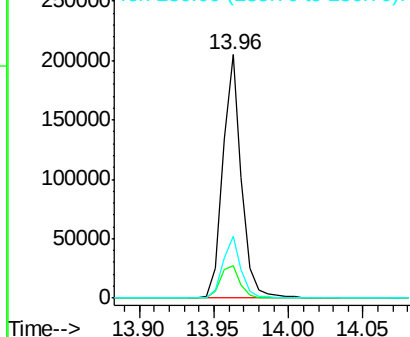


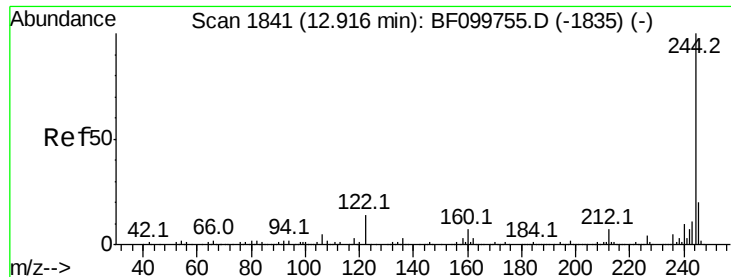
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BF099944.D
 Acq: 29 Oct 2017 5:36

Tgt Ion:240 Resp: 179167
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.5 14.3
 236 25.5 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: 78.373 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099944.D

Acq: 29 Oct 2017 5:36

Instrument :

BNA_F

ClientSampleId :

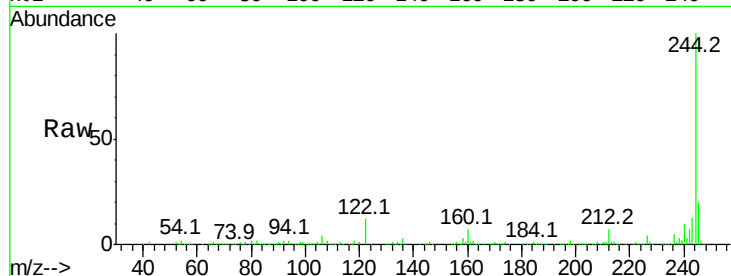
Tot Ion:244 Resp: 642536

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

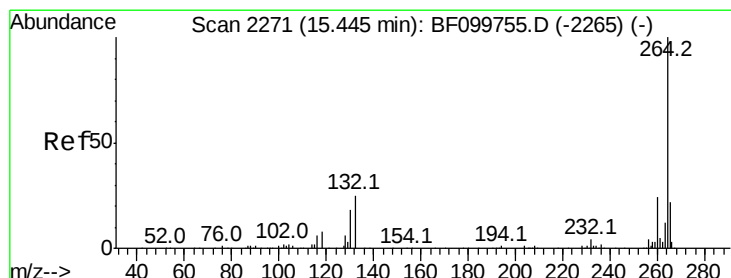
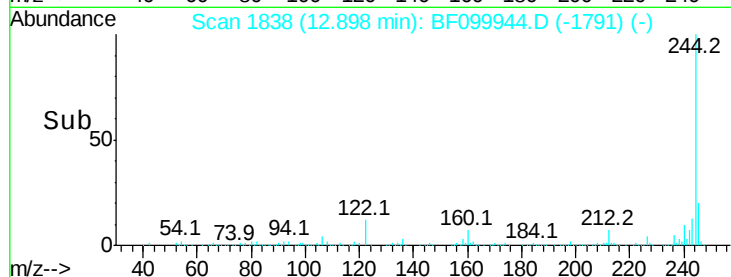
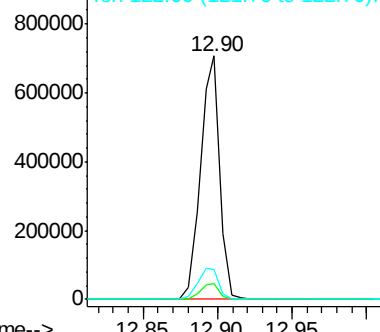
122 12.0 11.0 16.4



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: 15.42 min Scan# 2267

Delta R.T. -0.04 min

Lab File: BF099944.D

Acq: 29 Oct 2017 5:36

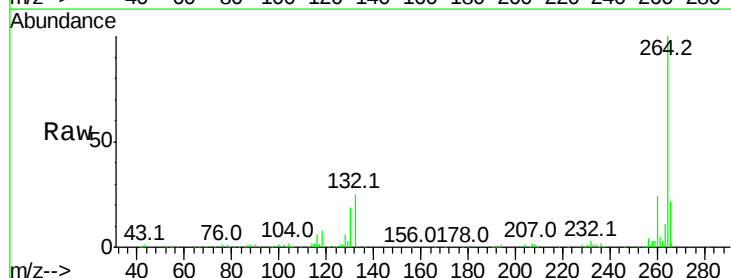
Tgt Ion:264 Resp: 173203

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 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

