

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099938.D
 Acq On : 29 Oct 2017 2:49
 Operator : SJ/JU
 Sample : I6023-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:04:35 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

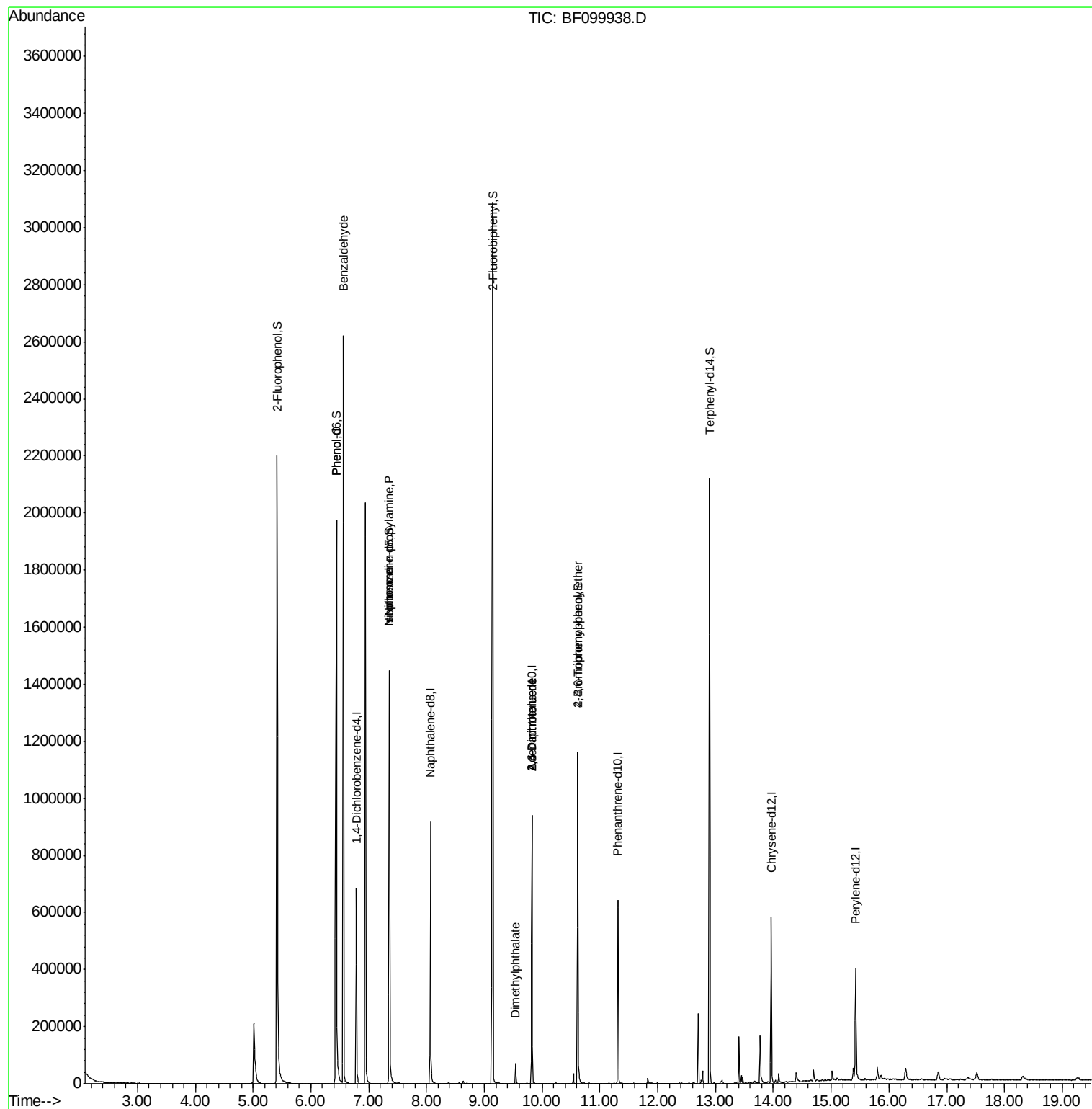
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107831	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	432477	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	182548	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	255901	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	191358	20.00	ng	-0.03
86) Perylene-d12	15.43	264	188484	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	794885	115.73	ng	0.00
7) Phenol-d6	6.44	99	946865	116.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	558545	83.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	149955	90.14	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1070710	90.49	ng	-0.01
78) Terphenyl-d14	12.90	244	663589	75.78	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.56	77	14083	2.894	ng	92
10) Phenol	6.45	94	31241	3.494	ng	81
19) n-Nitroso-di-n-propylamine	7.36	70	69194	14.498	ng	# 70
25) Isophorone	7.36	82	558545	45.822	ng	# 64
49) Dimethylphthalate	9.54	163	33443	2.313	ng	100
50) 2,6-Dinitrotoluene	9.82	165	22924	7.543	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	22924	6.264	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	9559	3.548	ng	# 1

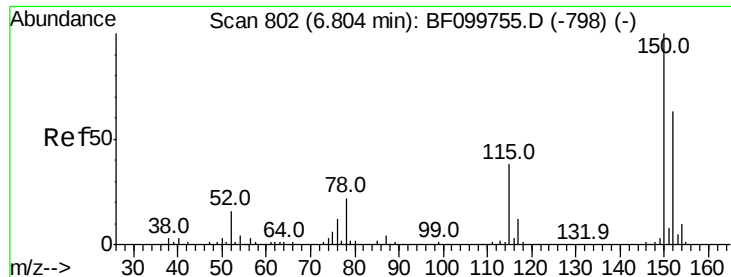
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099938.D
Acq On : 29 Oct 2017 2:49
Operator : SJ/JU
Sample : I6023-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 02:04:35 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



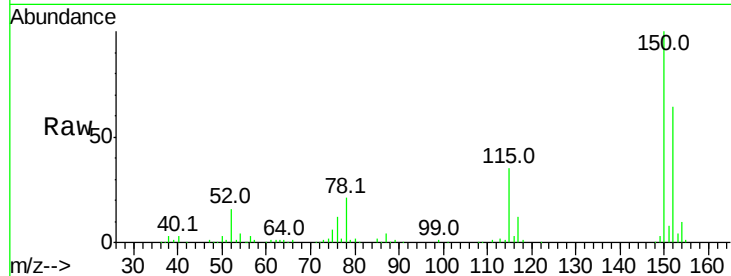


#1

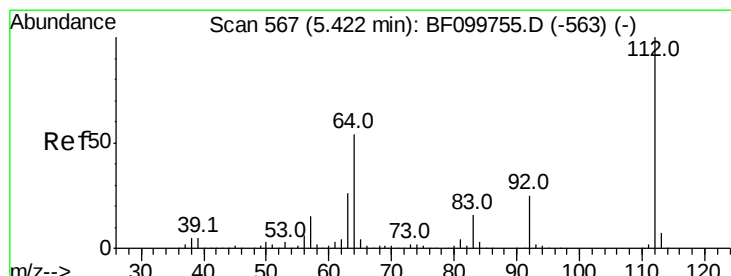
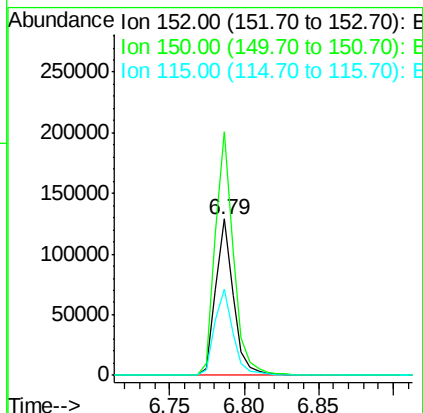
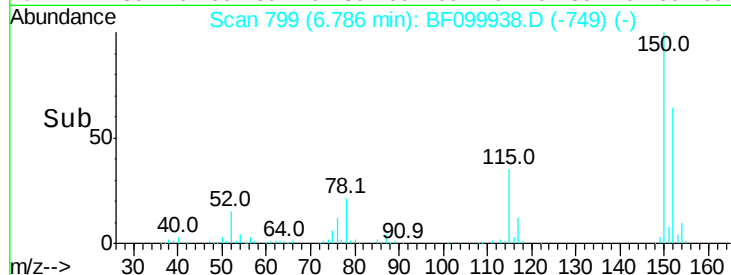
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107831
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 55.2 50.1 75.1



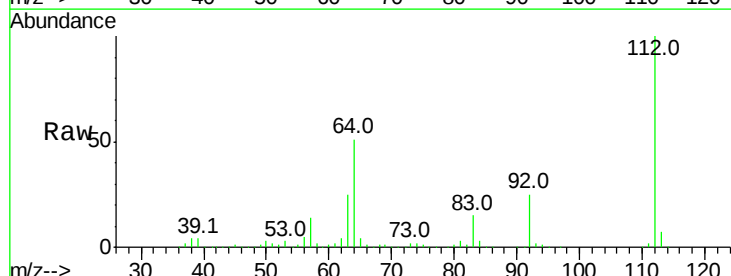
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



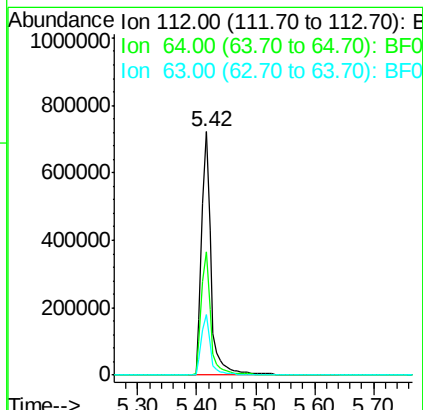
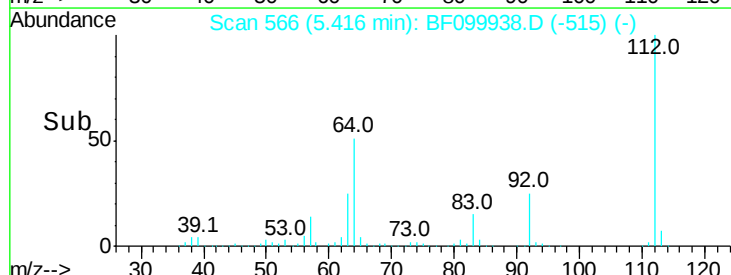
#5

2-Fluorophenol
Concen: 115.731 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:112 Resp: 794885
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 24.8 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: 116.266 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

Instrument :

BNA_F

ClientSampled :

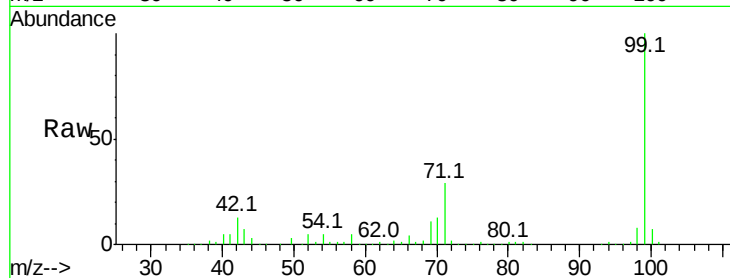
Tot Ion: 99 Resp: 946865

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

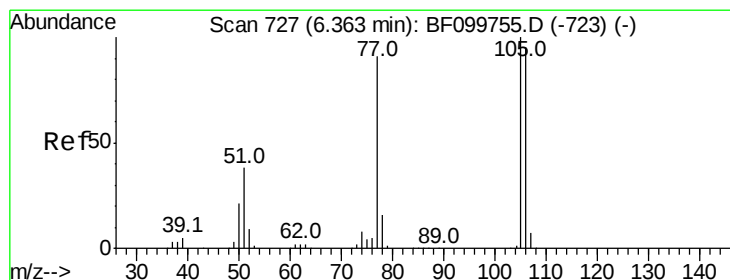
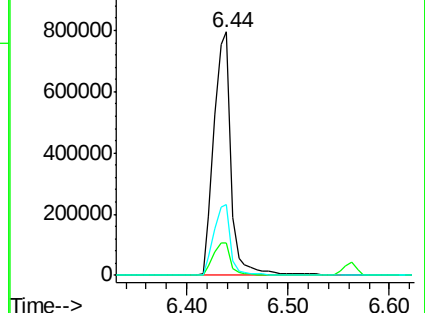
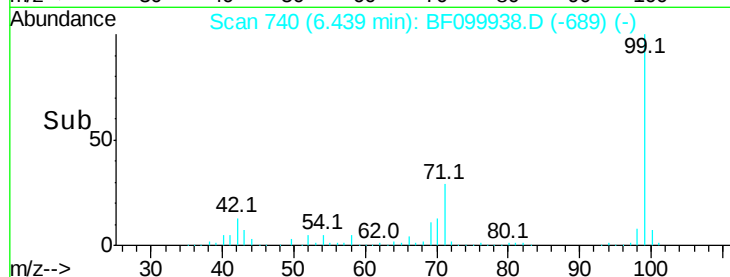
71 28.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.894 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

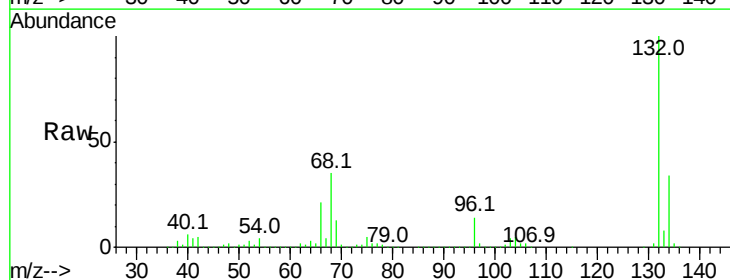
Tgt Ion: 77 Resp: 14083

Ion Ratio Lower Upper

77 100

105 89.6 81.1 121.1

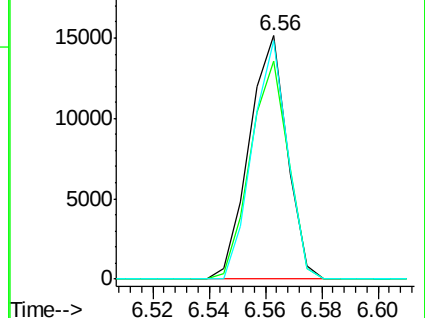
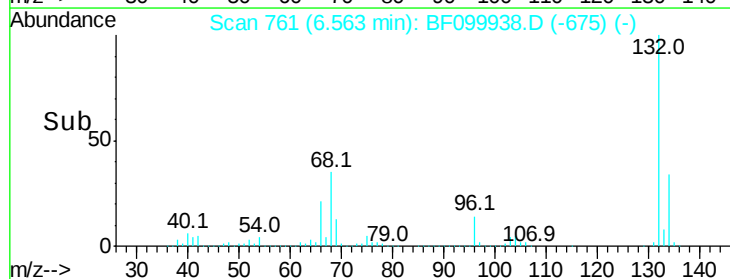
106 98.0 74.5 114.5

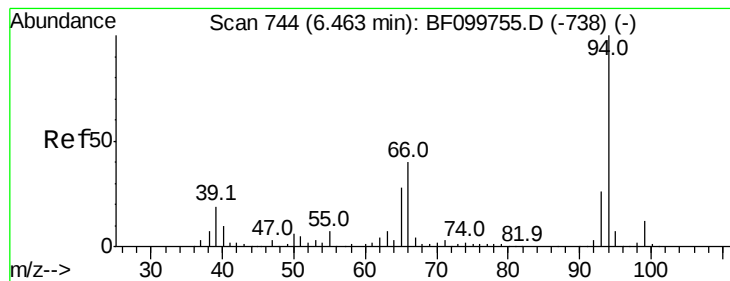


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.494 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

Instrument :

BNA_F

ClientSampled :

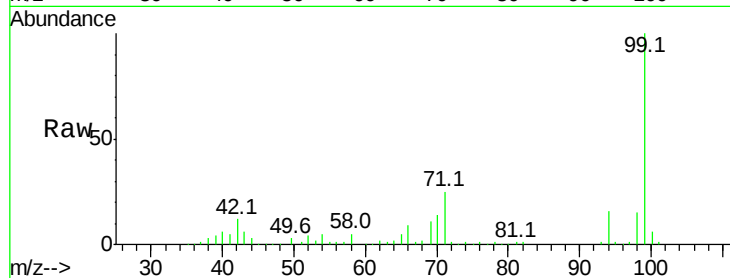
Tot Ion: 94 Resp: 31241

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

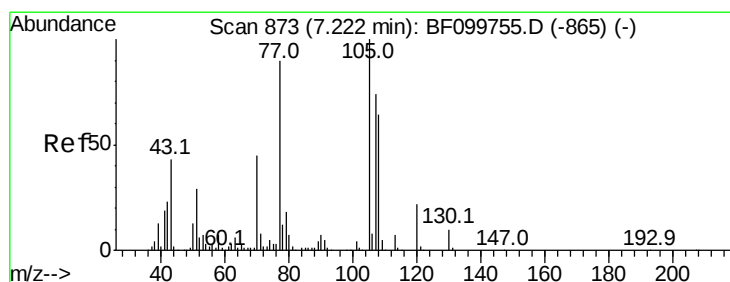
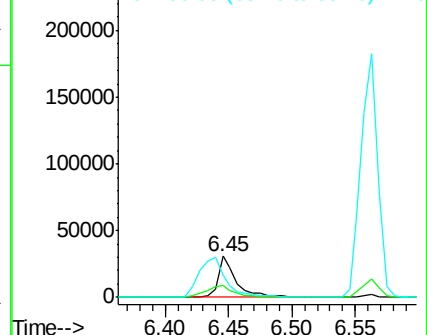
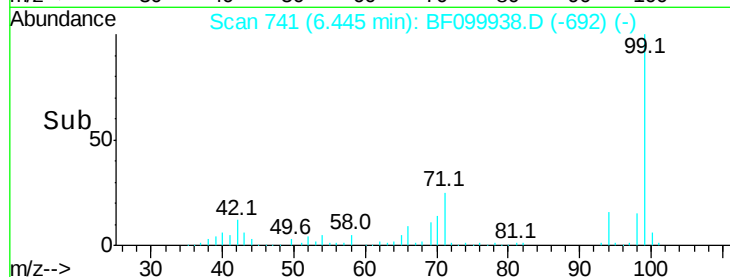
66 54.3 16.2 56.2



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: 14.498 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

Tgt Ion: 70 Resp: 69194

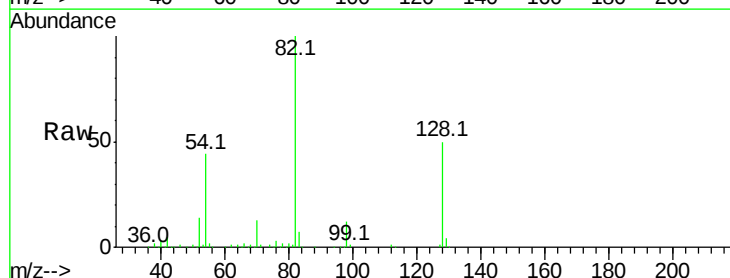
Ion Ratio Lower Upper

70 100

42 38.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

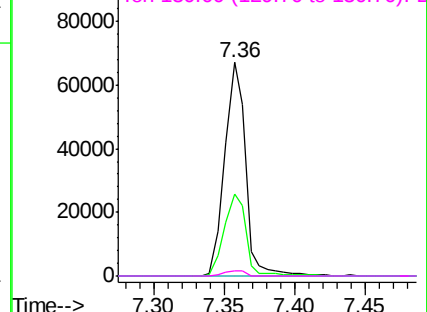
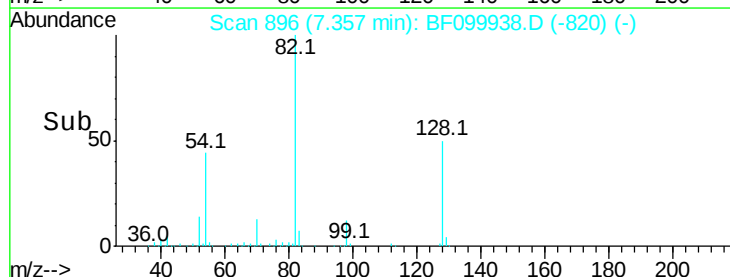


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

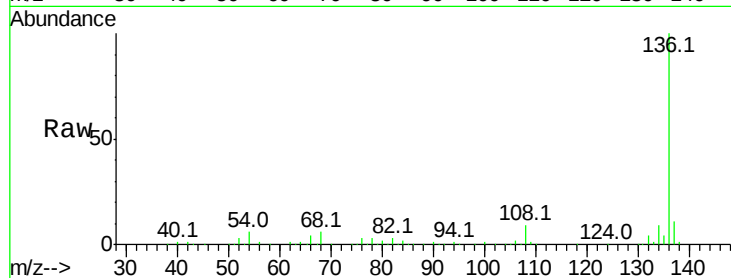




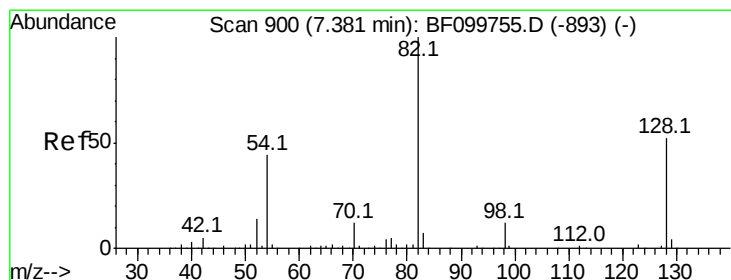
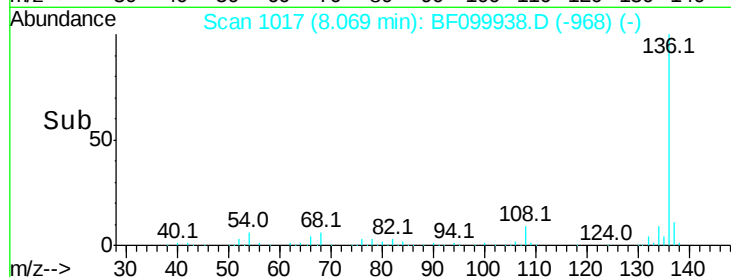
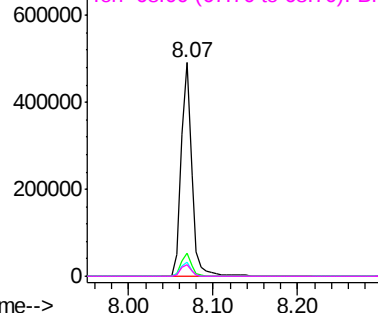
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	432477
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.6	9.8#
68	5.6	5.0	7.4

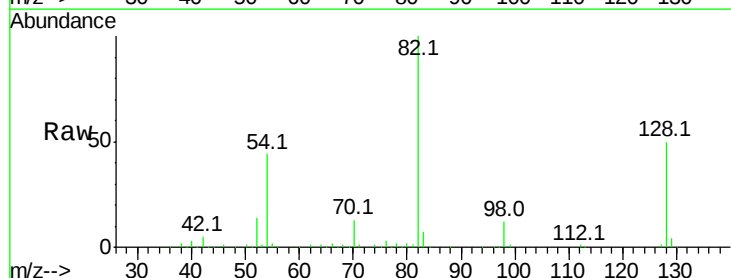


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

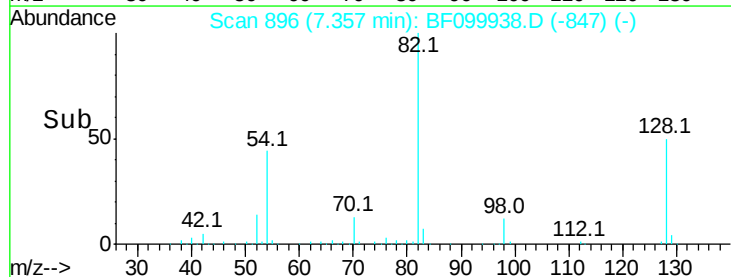
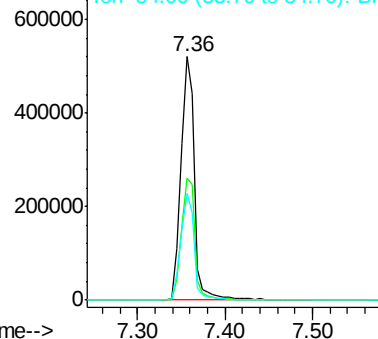


#23
Nitrobenzene-d5
Concen: 83.148 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:	82	Resp:	558545
Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	43.9	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: 45.822 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

Instrument :

BNA_F

ClientSampleId :

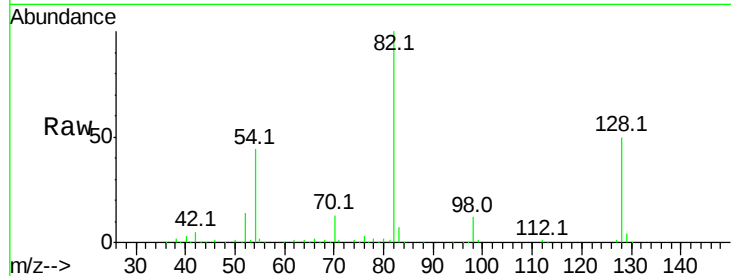
Tot Ion: 82 Resp: 558545

Ion Ratio Lower Upper

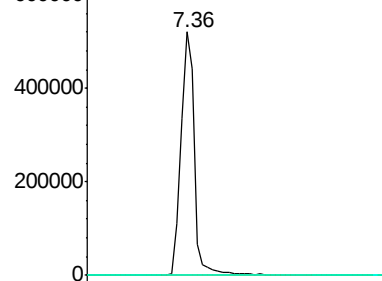
82 100

95 0.0 5.2 7.8#

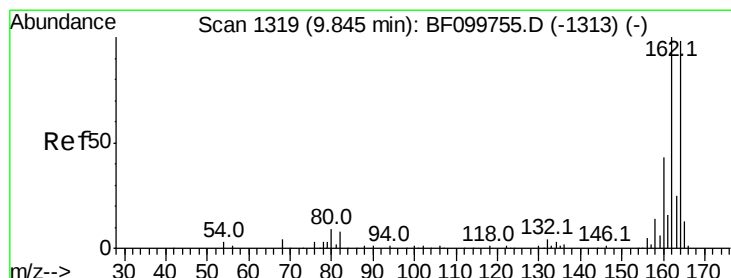
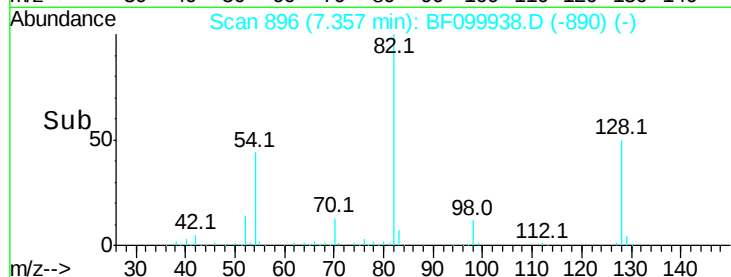
138 0.0 14.9 22.3#



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



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

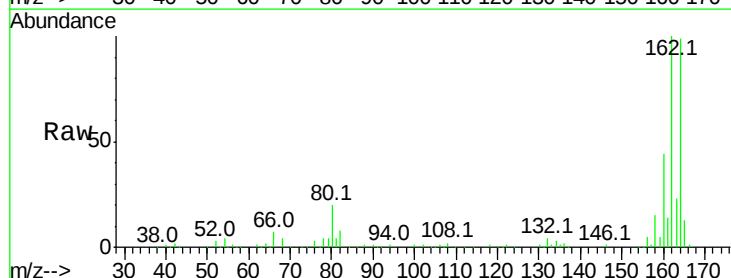
Tgt Ion:164 Resp: 182548

Ion Ratio Lower Upper

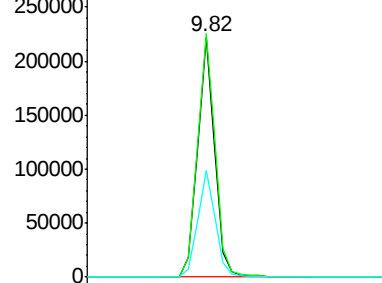
164 100

162 101.4 86.1 129.1

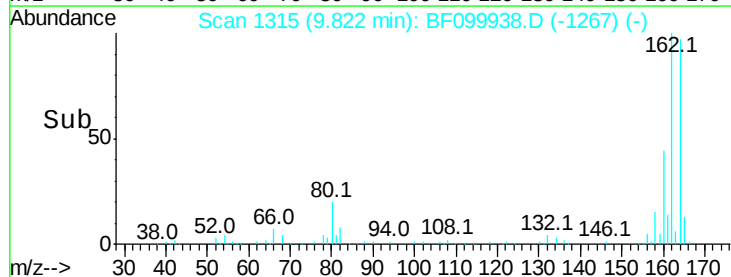
160 44.5 38.3 57.5



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



Time-->

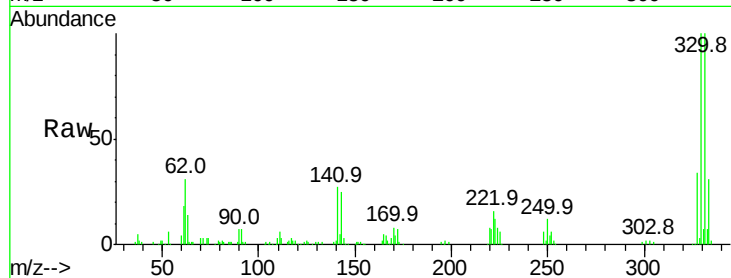




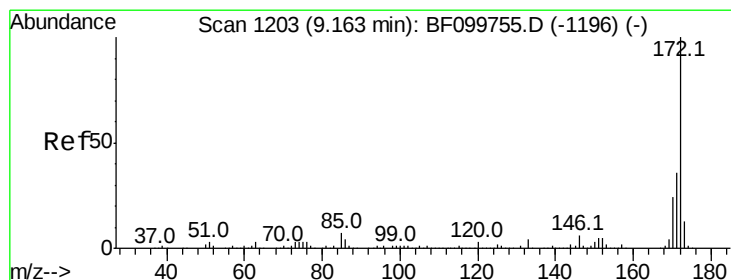
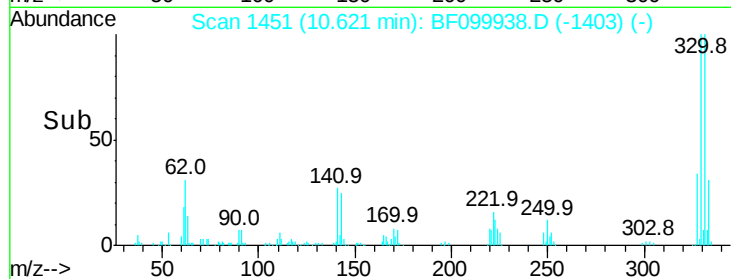
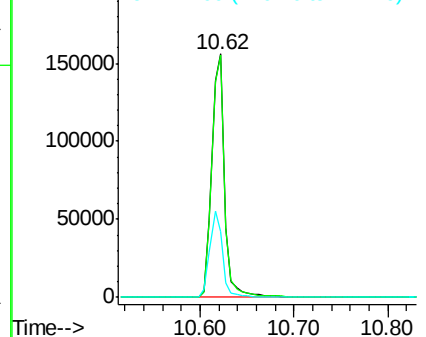
#41
 2,4,6-Tribromophenol
 Concen: 90.139 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099938.D
 Acq: 29 Oct 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	35.1	29.9	44.9

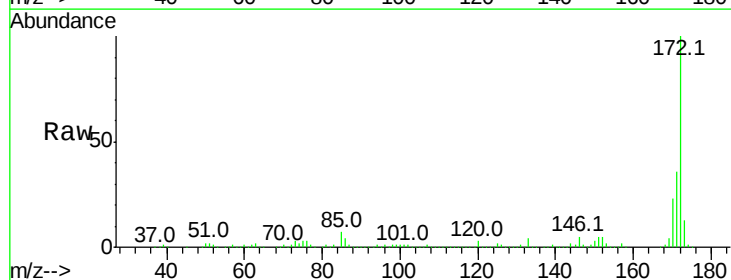


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

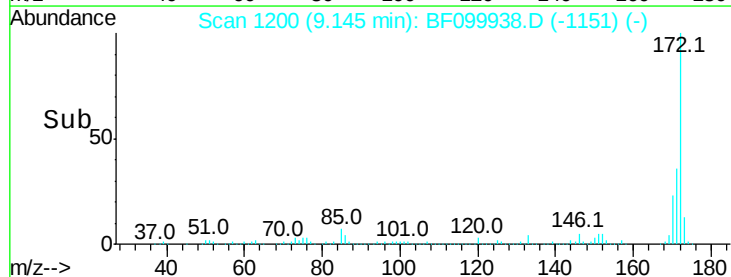
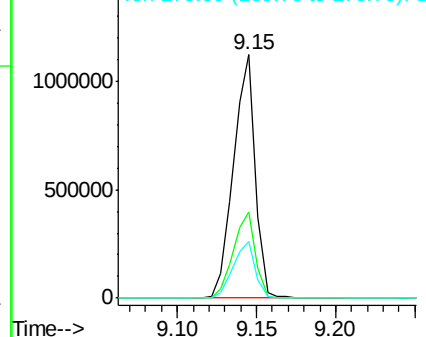


#44
 2-Fluorobiphenyl
 Concen: 90.493 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099938.D
 Acq: 29 Oct 2017 2:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	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

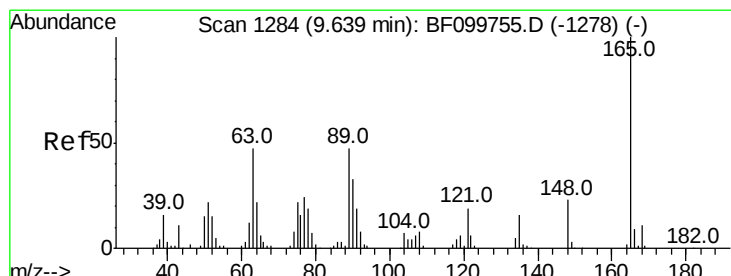
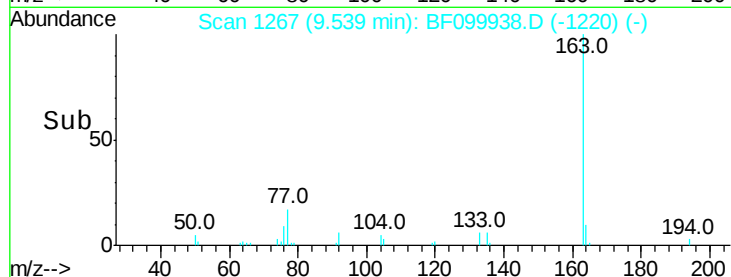
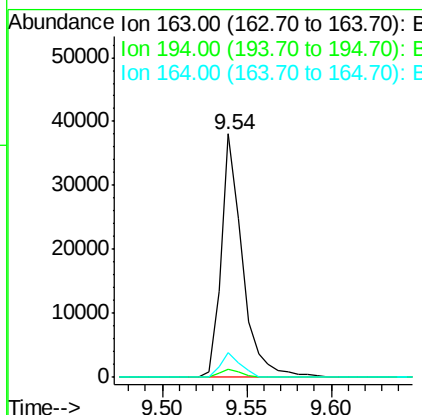
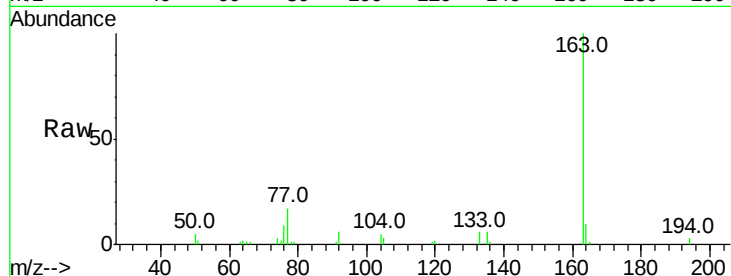




#49
Dimethylphthalate
Concen: 2.313 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

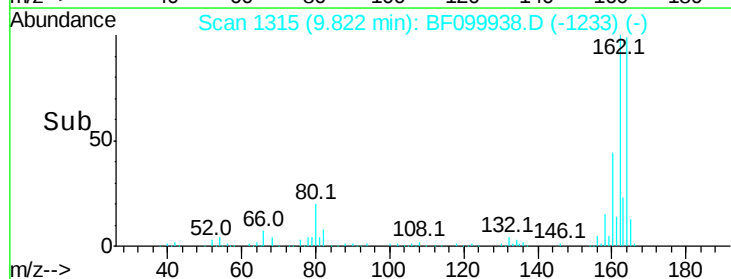
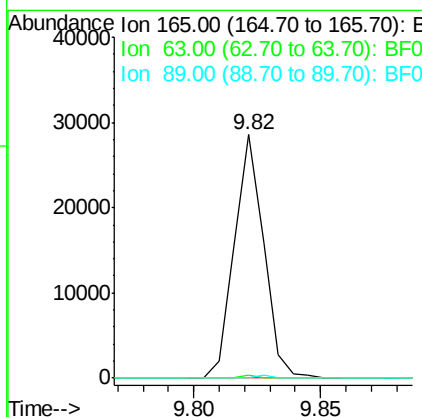
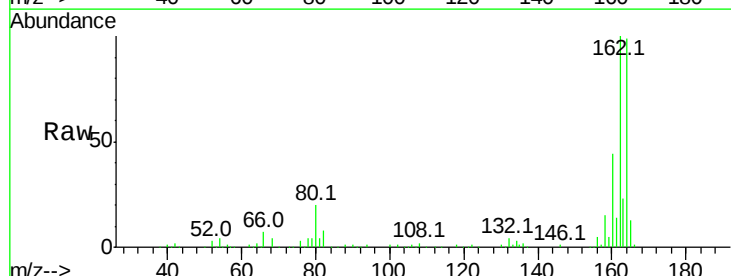
Instrument :
BNA_F
ClientSampleId :

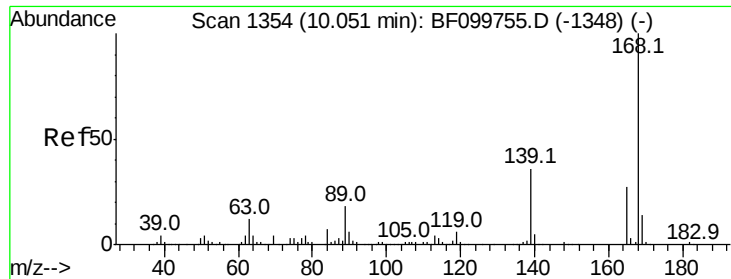
Tot Ion:163 Resp: 33443
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.543 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:165 Resp: 22924
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 0.0 44.0 66.0#

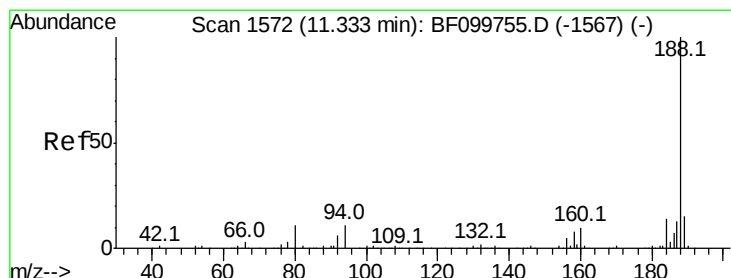
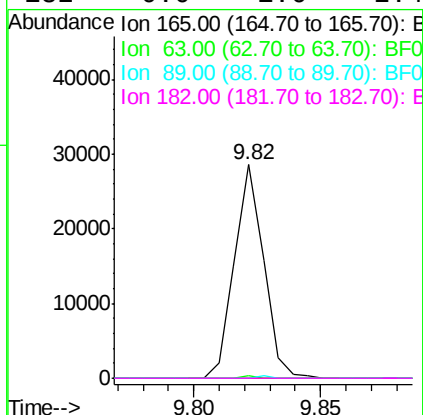
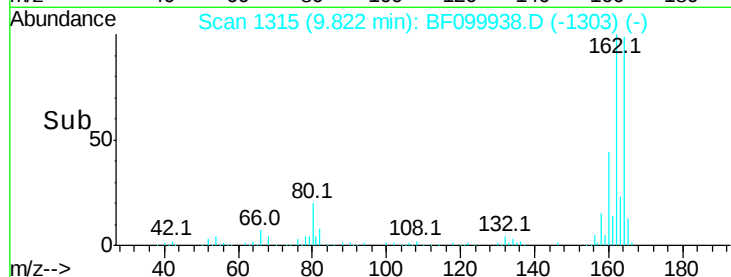
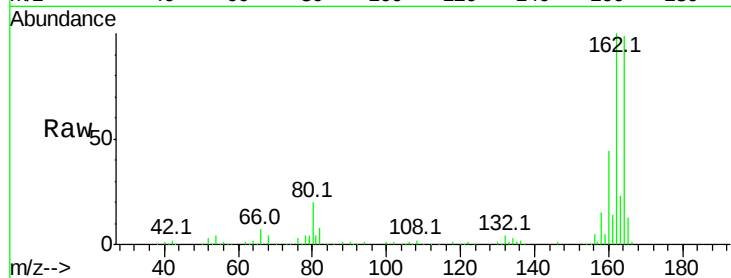




#56
 2,4-Dinitrotoluene
 Concen: 6.264 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099938.D
 Acq: 29 Oct 2017 2:49

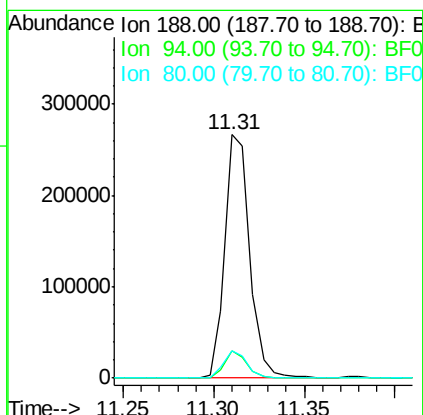
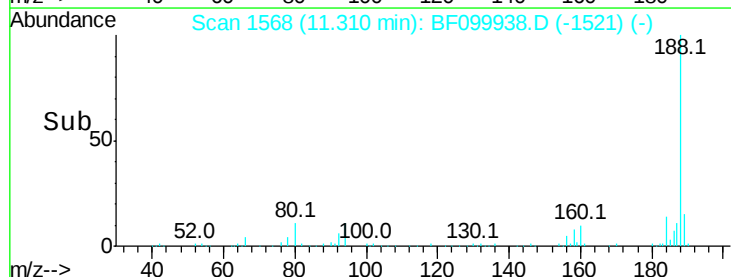
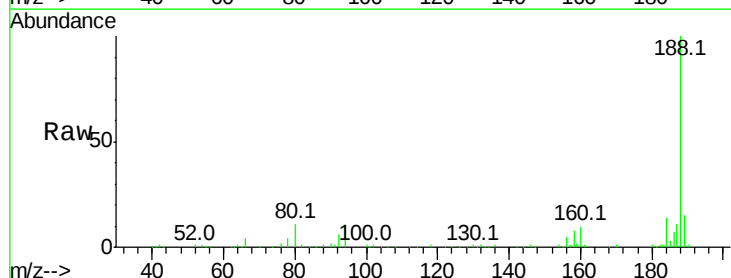
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22924
 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#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF099938.D
 Acq: 29 Oct 2017 2:49

Tgt Ion:188 Resp: 255901
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 11.4 9.2 13.8

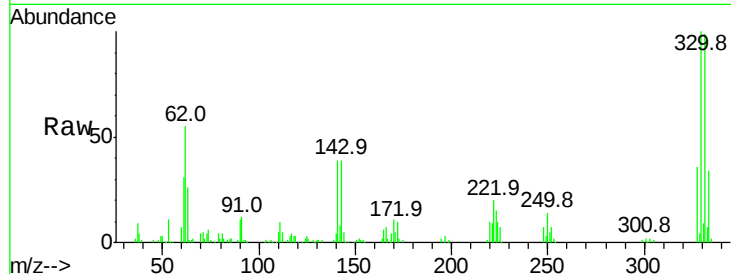




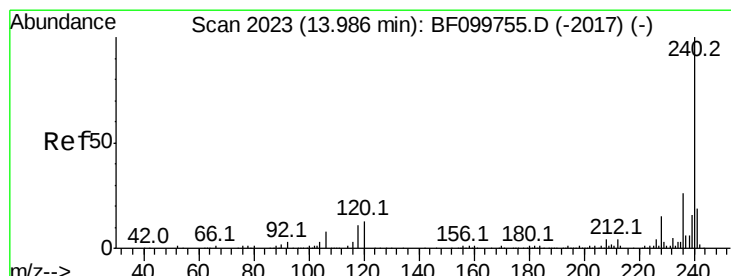
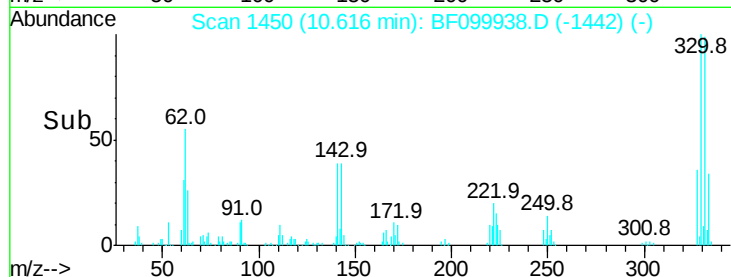
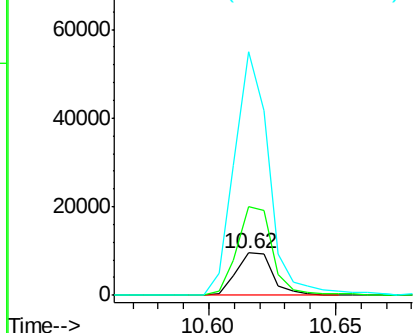
#66
 4-Bromophenyl-phenylether
 Concen: 3.548 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF099938.D
 Acq: 29 Oct 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9559
 Ion Ratio Lower Upper
 248 100
 250 208.8 76.9 115.3#
 141 576.1 74.4 111.6#

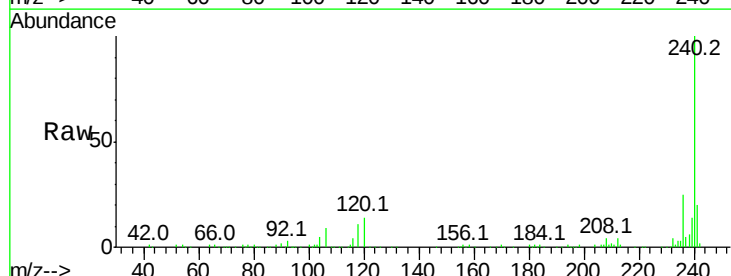


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

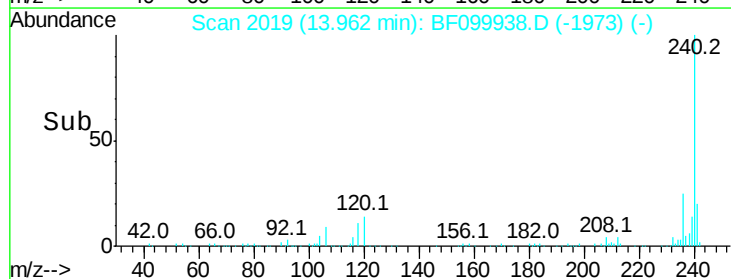
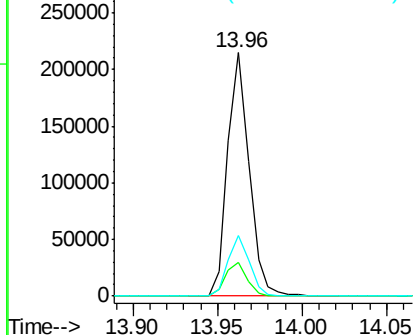


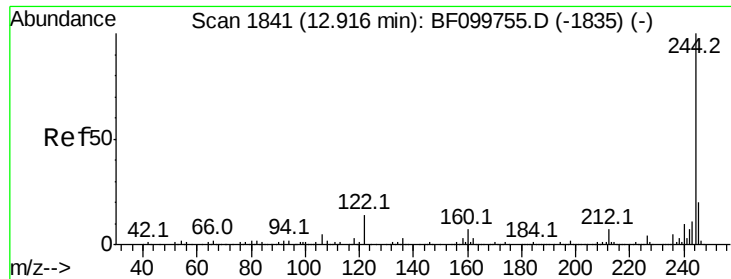
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BF099938.D
 Acq: 29 Oct 2017 2:49

Tgt Ion:240 Resp: 191358
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.1 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: 75.784 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

Instrument :

BNA_F

ClientSampleId :

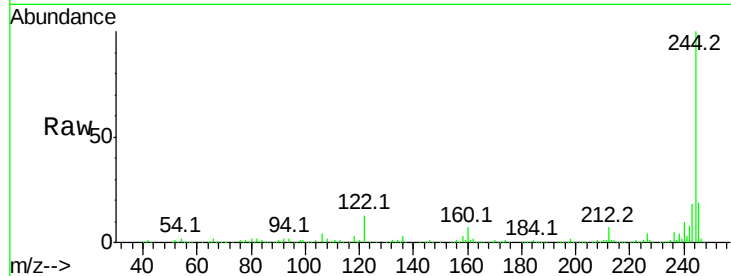
Tot Ion:244 Resp: 663589

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

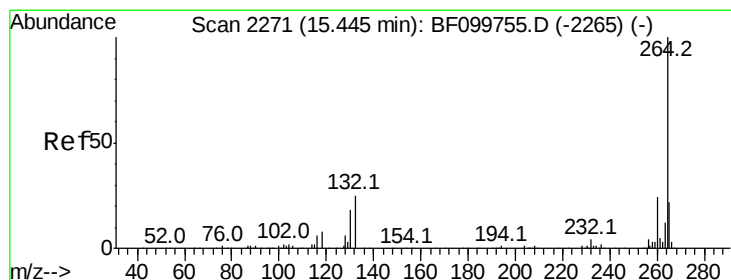
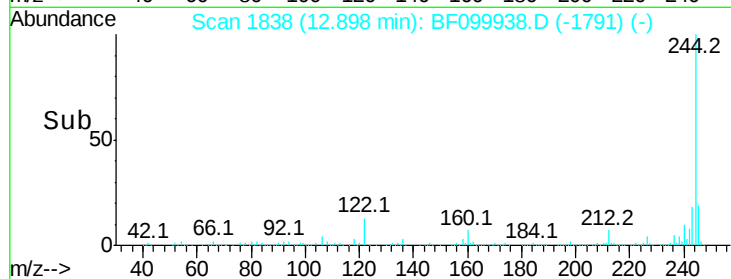
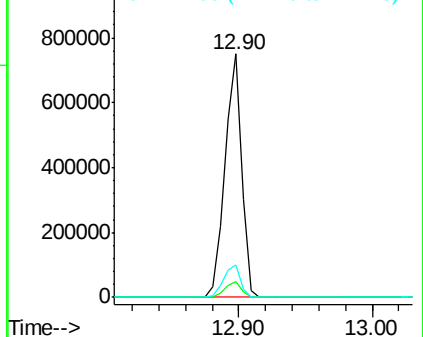
122 13.1 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF099938.D

Acq: 29 Oct 2017 2:49

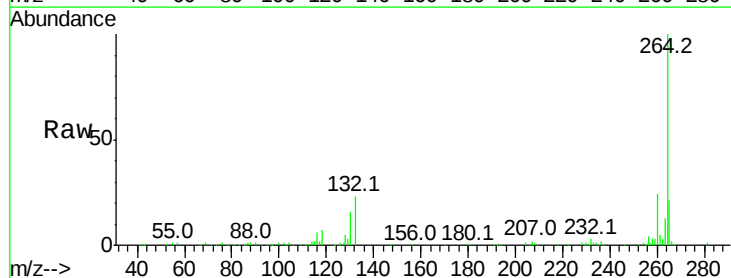
Tgt Ion:264 Resp: 188484

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.2 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

