

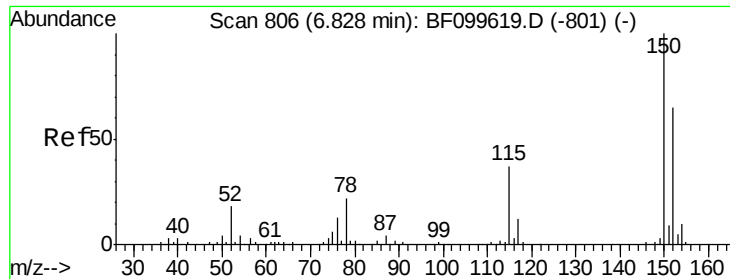
Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
 Data File : BF099643.D
 Acq On : 19 Oct 2017 3:14
 Operator : SJ/JU
 Sample : I5924-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1

Quant Time: Oct 19 10:22:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.828	152	81259	20.00	ng	-0.04
21) Naphthalene-d8	8.110	136	290924	20.00	ng	-0.04
38) Acenaphthene-d10	9.863	164	103165	20.00	ng	-0.04
63) Phenanthrene-d10	11.351	188	171363	20.00	ng	-0.04
75) Chrysene-d12	13.992	240	179043	20.00	ng	-0.04
86) Perylene-d12	15.462	264	138165	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	465784	91.25	ng	-0.02
7) Phenol-d6	6.469	99	526829	83.66	ng	-0.03
23) Nitrobenzene-d5	7.392	82	281076	61.96	ng	-0.04
41) 2,4,6-Tribromophenol	10.657	330	76850	91.04	ng	-0.04
44) 2-Fluorobiphenyl	9.180	172	491853	79.59	ng	-0.05
78) Terphenyl-d14	12.933	244	415309	52.75	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.598	77	8560	2.34	ng	Qvalue 84
10) Phenol	6.481	94	23507	3.34	ng	91
19) n-Nitroso-di-n-propyla...	7.392	70	36029	8.96	ng	# 75
25) Isophorone	7.392	82	281072	29.97	ng	# 64
50) 2,6-Dinitrotoluene	9.863	165	13689	8.08	ng	# 24
56) 2,4-Dinitrotoluene	9.863	165	13689	6.22	ng	# 21
66) 4-Bromophenyl-phenylether	10.651	248	5132	3.06	ng	# 1

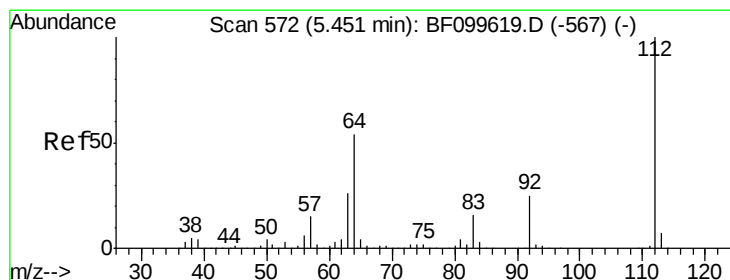
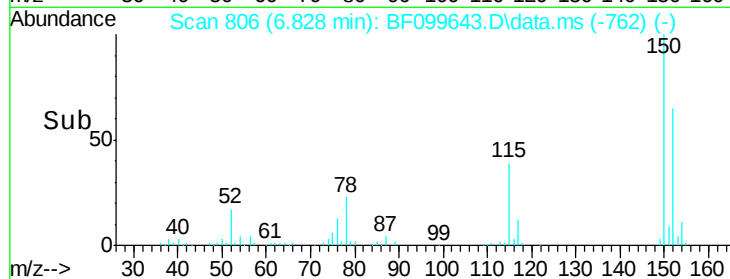
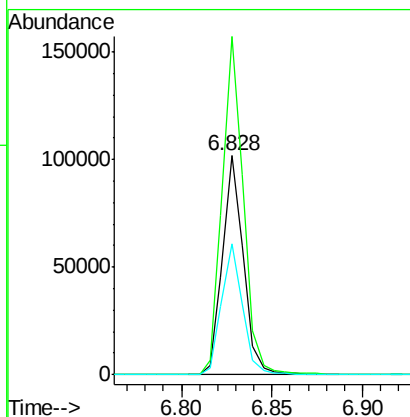
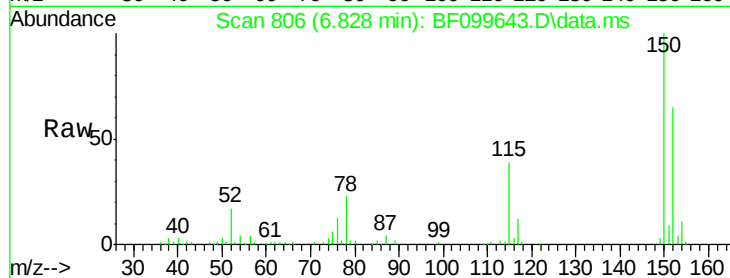
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.041 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

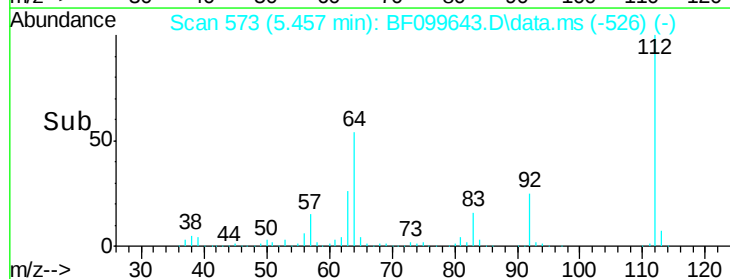
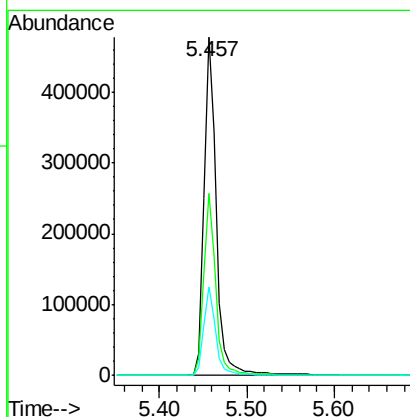
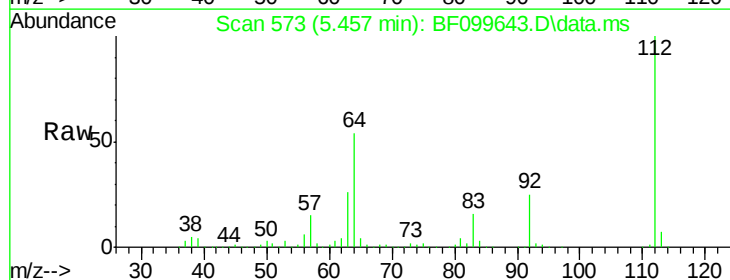
Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1

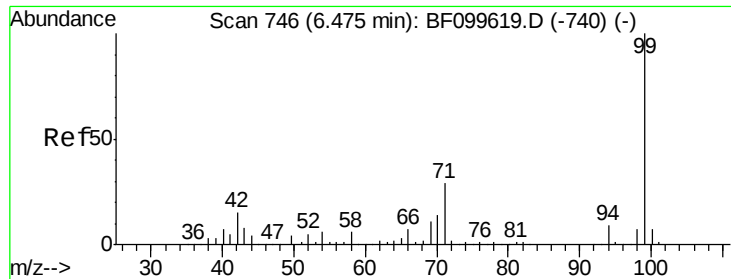
Tot Ion:152 Resp: 81259
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.6 186.8
 115 59.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 91.25 ng
 RT: 5.457 min Scan# 573
 Delta R.T. -0.024 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

Tgt Ion:112 Resp: 465784
 Ion Ratio Lower Upper
 112 100
 64 53.9 47.9 71.9
 63 26.2 23.7 35.5





#7

Phenol-d6

Concen: 83.66 ng

RT: 6.469 min Scan# 74

Delta R.T. -0.030 min

Lab File: BF099643.D

Acq: 19 Oct 2017 3:14

Instrument :

BNA_F

ClientSampleId :

BACKFILL-COMP-1

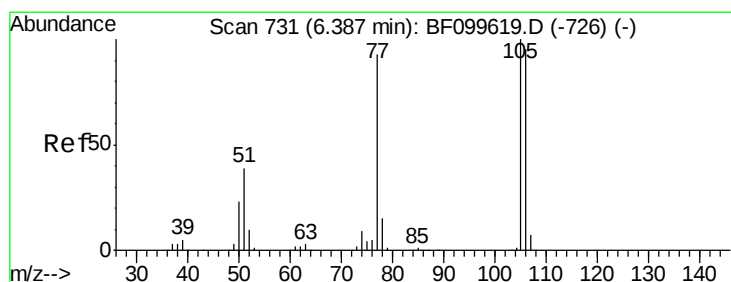
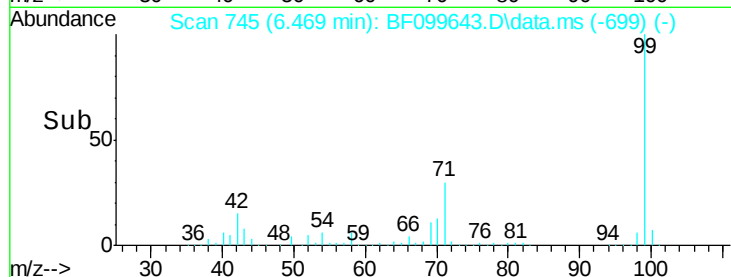
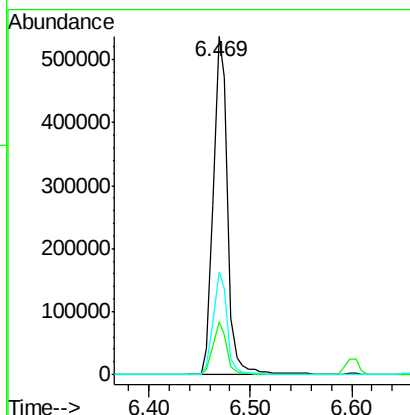
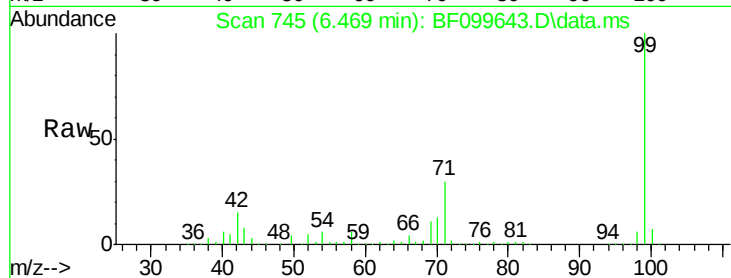
Tot Ion: 99 Resp: 526829

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 30.3 25.4 38.0



#9

Benzaldehyde

Concen: 2.34 ng

RT: 6.598 min Scan# 767

Delta R.T. 0.176 min

Lab File: BF099643.D

Acq: 19 Oct 2017 3:14

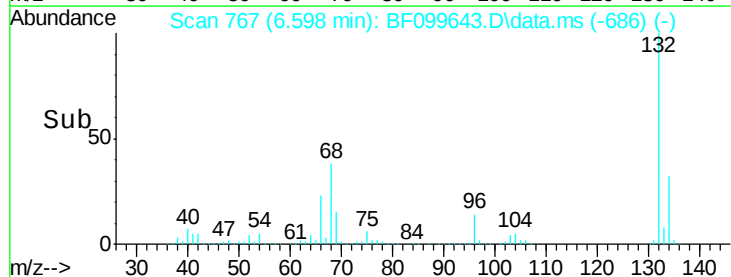
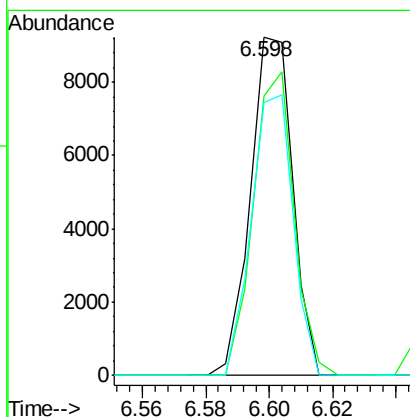
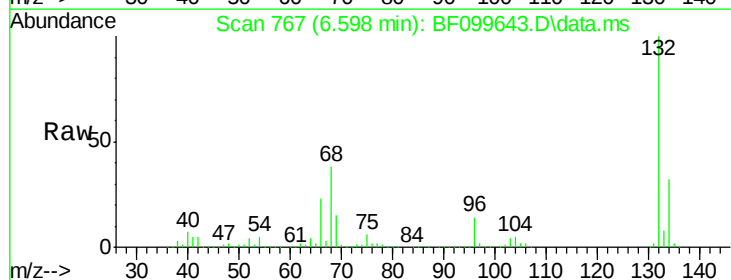
Tgt Ion: 77 Resp: 8560

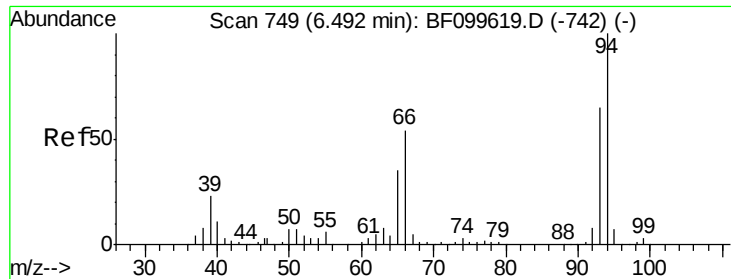
Ion Ratio Lower Upper

77 100

105 82.4 81.1 121.1

106 80.7 74.5 114.5





#10

Phenol

Concen: 3.34 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.035 min

Lab File: BF099643.D

Acq: 19 Oct 2017 3:14

Instrument :

BNA_F

ClientSampleId :

BACKFILL-COMP-1

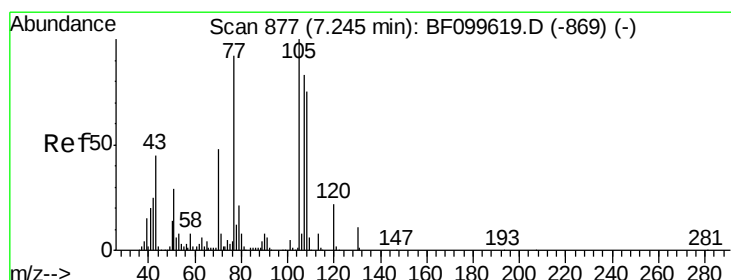
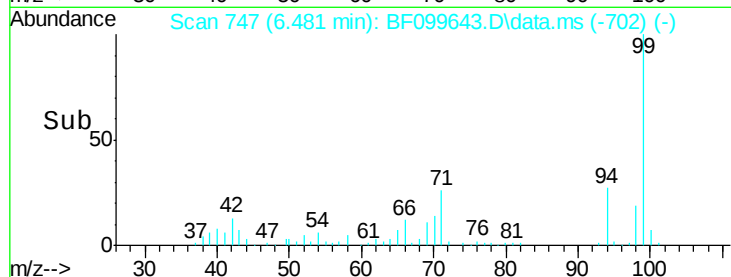
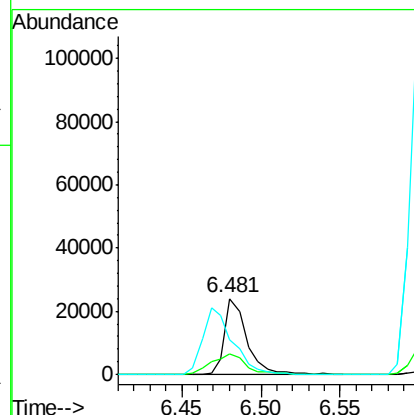
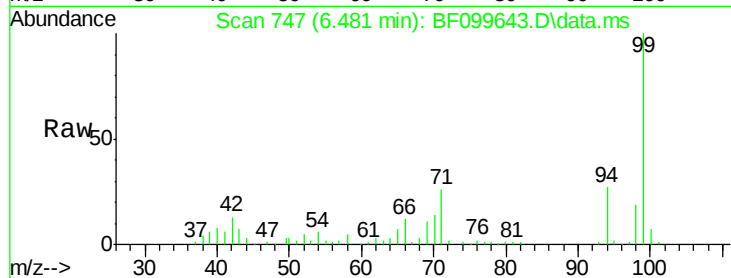
Tot Ion: 94 Resp: 23507

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 45.8 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 8.96 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.106 min

Lab File: BF099643.D

Acq: 19 Oct 2017 3:14

Tgt Ion: 70 Resp: 36029

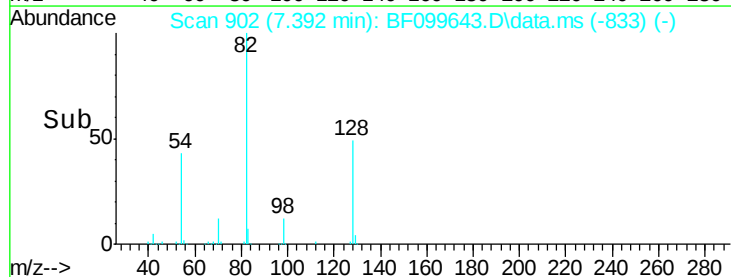
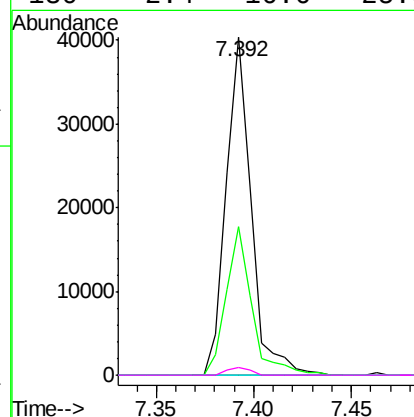
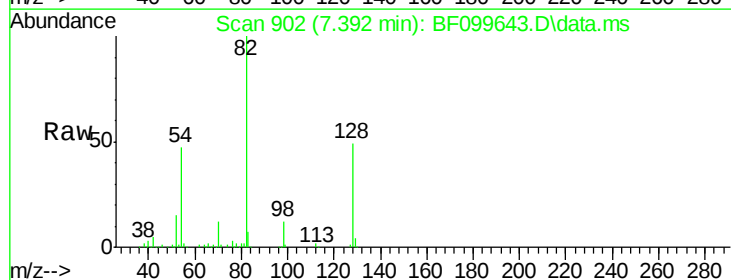
Ion Ratio Lower Upper

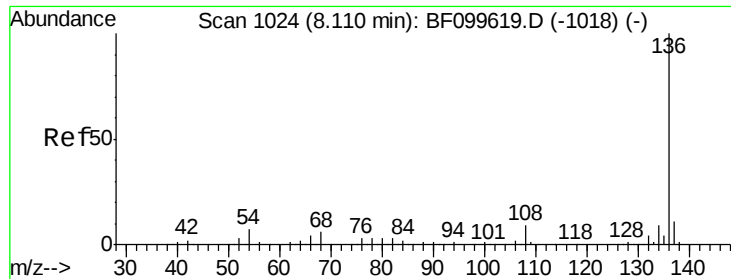
70 100

42 43.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

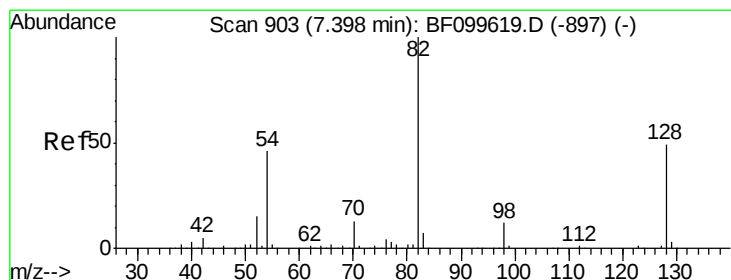
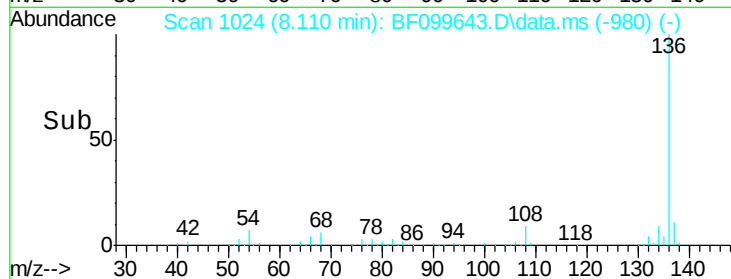
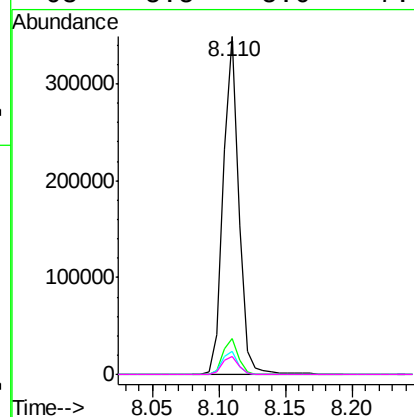
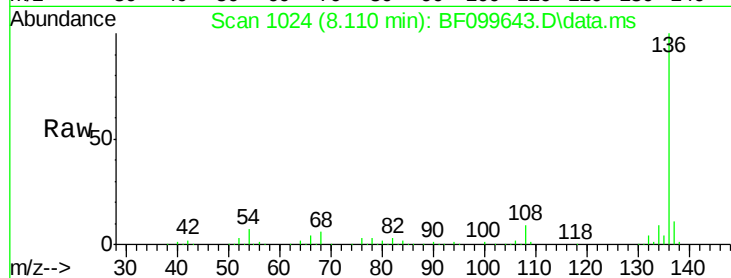




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 10
Delta R.T. -0.041 min
Lab File: BF099643.D
Acq: 19 Oct 2017 3:14

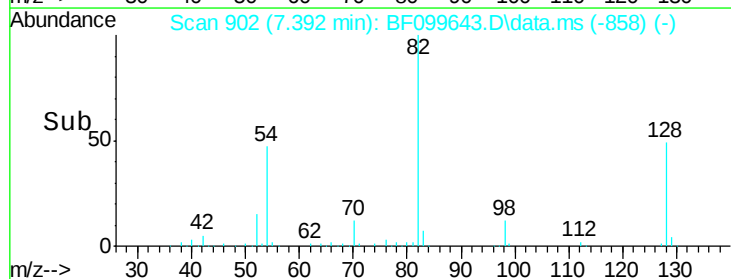
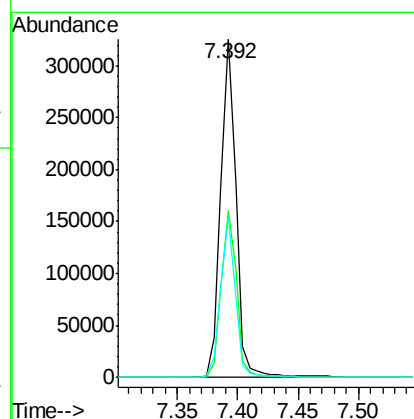
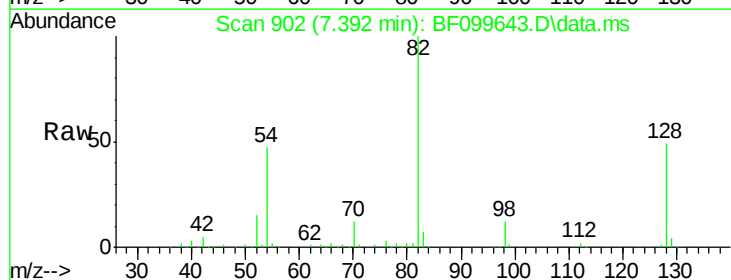
Instrument :
BNA_F
ClientSampleId :
BACKFILL-COMP-1

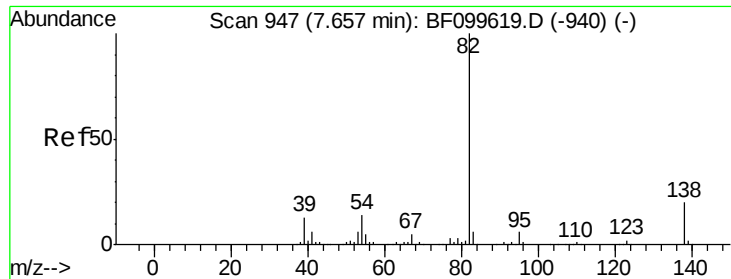
Tot Ion:	136	Resp:	290924
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	6.7	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 61.96 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.041 min
Lab File: BF099643.D
Acq: 19 Oct 2017 3:14

Tgt Ion:	82	Resp:	281076
Ion Ratio	Lower	Upper	
82	100		
128	49.1	36.1	54.1
54	47.2	41.4	62.2





#25

Isophorone

Concen: 29.97 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.300 min

Lab File: BF099643.D

Acq: 19 Oct 2017 3:14

Instrument :

BNA_F

ClientSampleId :

BACKFILL-COMP-1

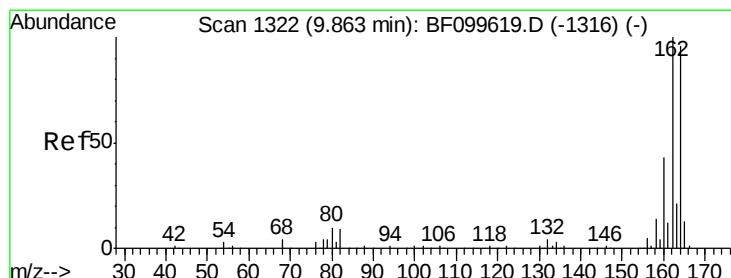
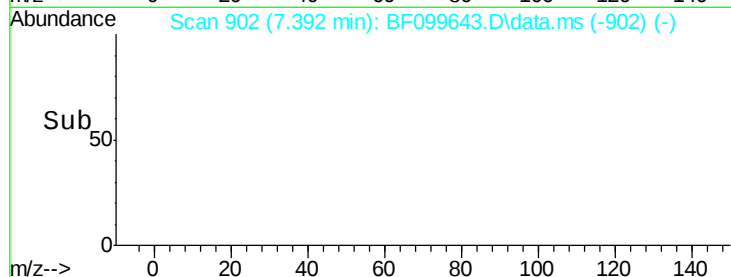
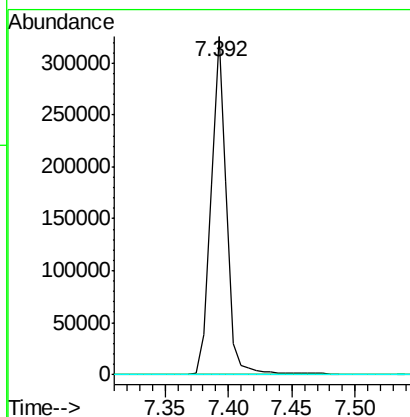
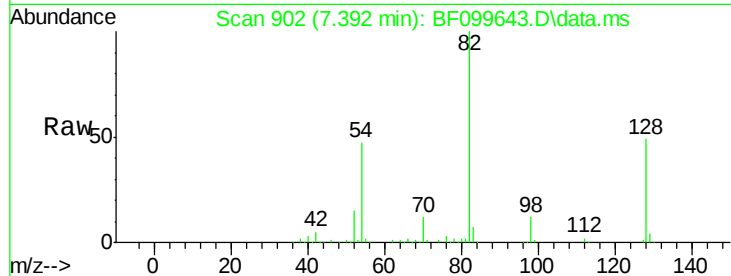
Tot Ion: 82 Resp: 281072

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.041 min

Lab File: BF099643.D

Acq: 19 Oct 2017 3:14

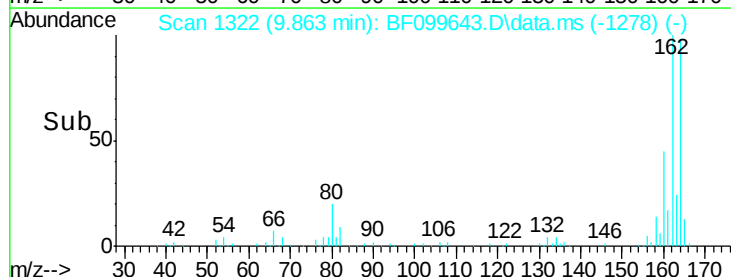
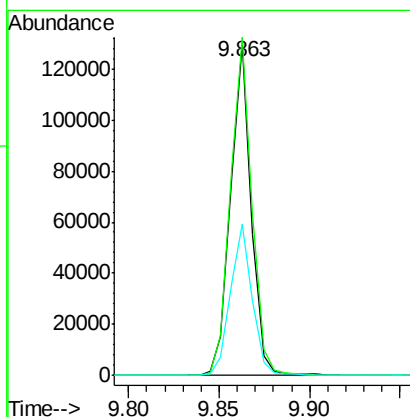
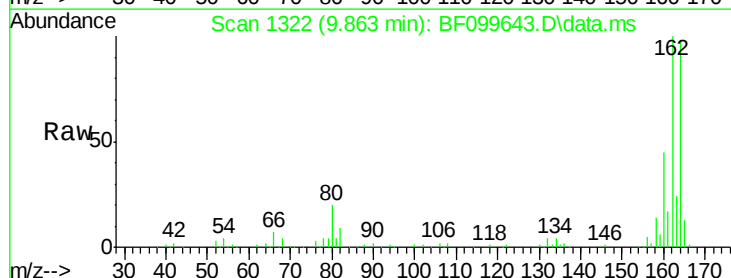
Tgt Ion:164 Resp: 103165

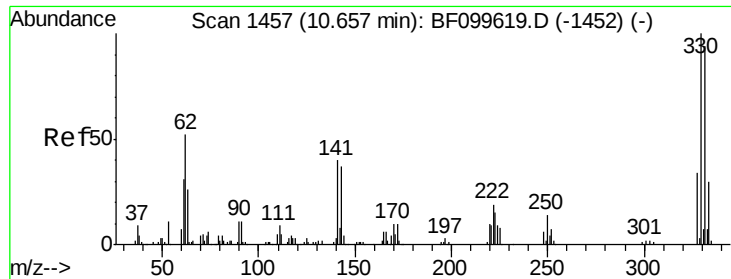
Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

160 45.6 38.3 57.5

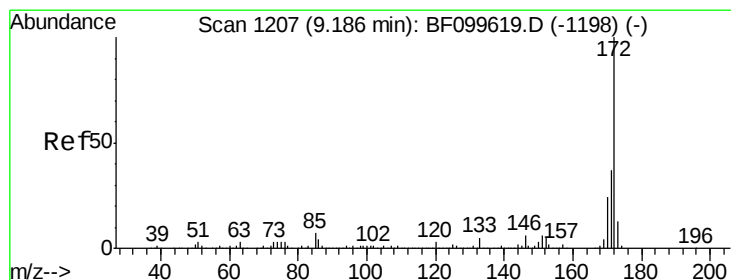
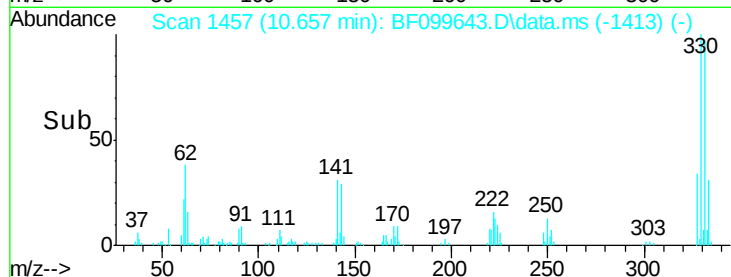
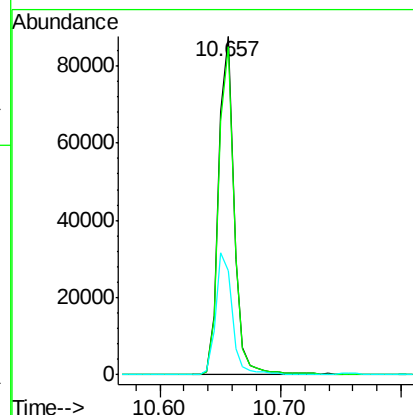
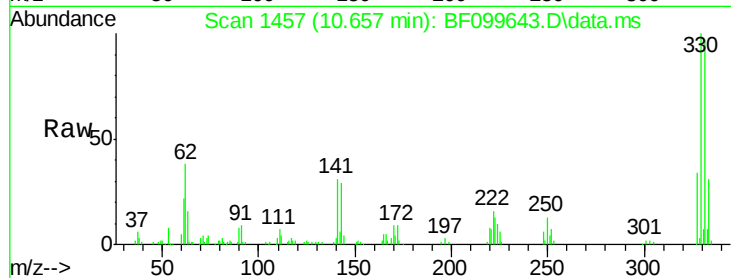




#41
 2,4,6-Tribromophenol
 Concen: 91.04 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. -0.041 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

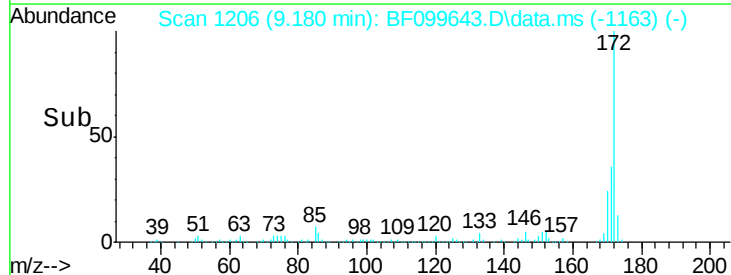
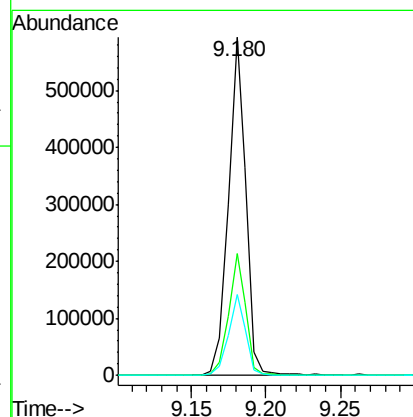
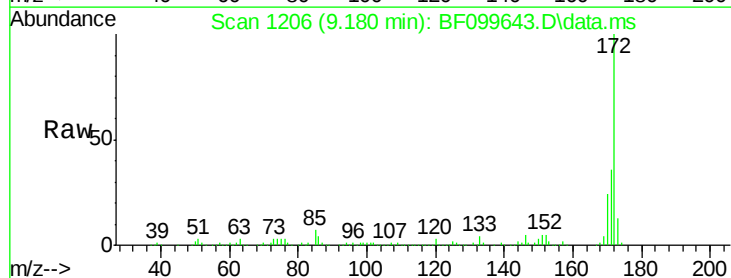
Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1

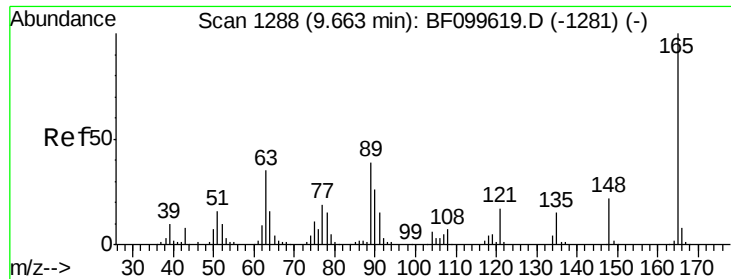
Tot Ion:330 Resp: 76850
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 79.59 ng
 RT: 9.180 min Scan# 1206
 Delta R.T. -0.047 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

Tgt Ion:172 Resp: 491853
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.9 19.6 29.4

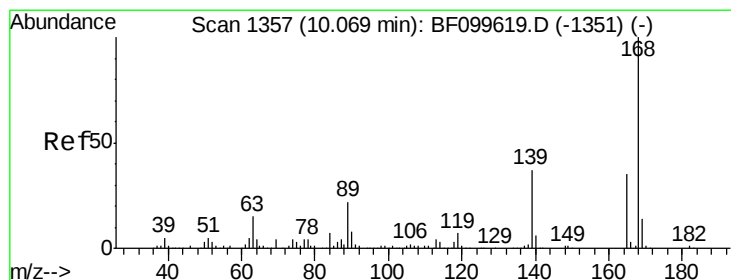
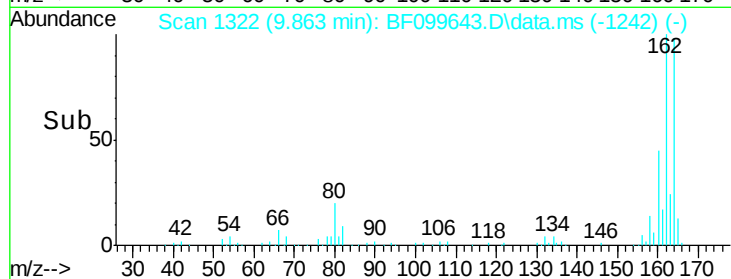
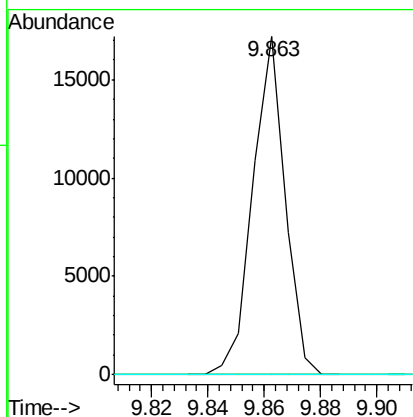
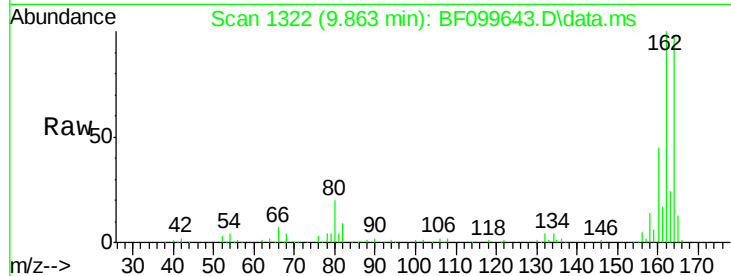




#50
 2,6-Dinitrotoluene
 Concen: 8.08 ng
 RT: 9.863 min Scan# 1322
 Delta R.T. 0.170 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

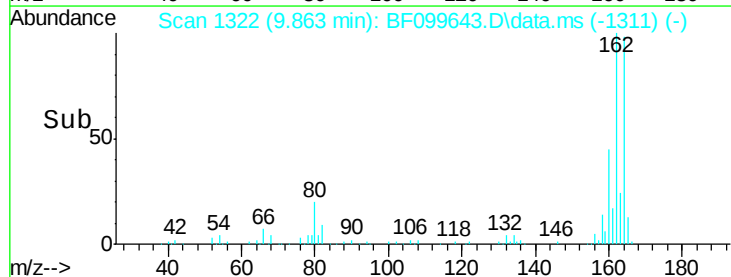
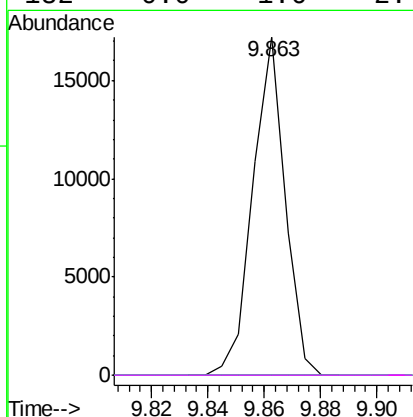
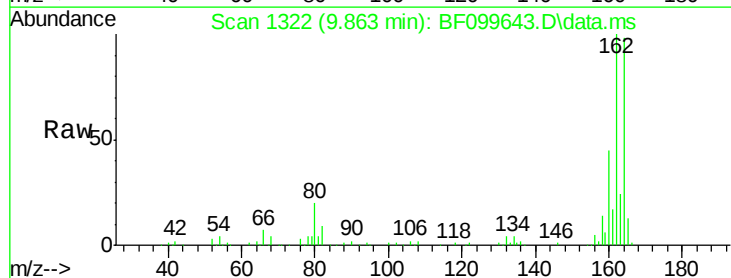
Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1

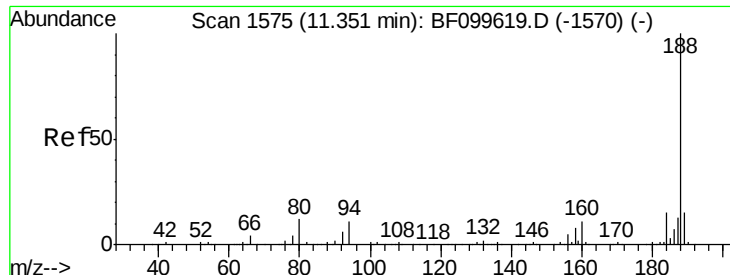
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.863 min Scan# 1322
 Delta R.T. -0.235 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

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#

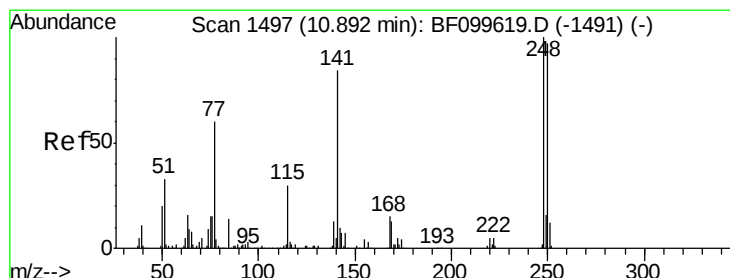
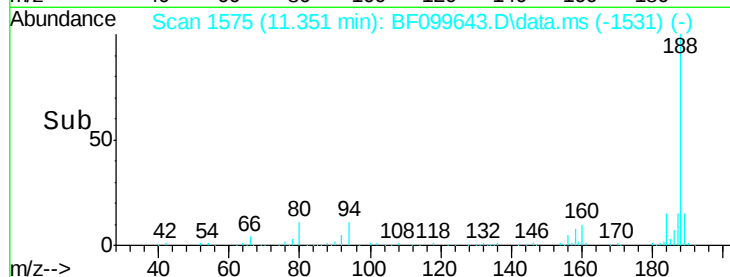
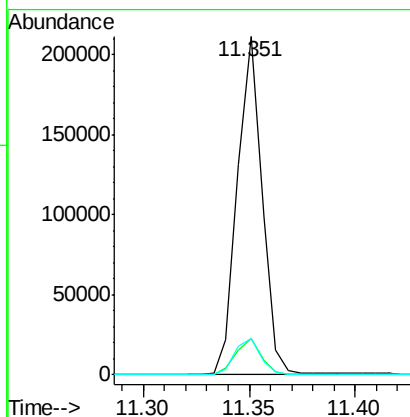
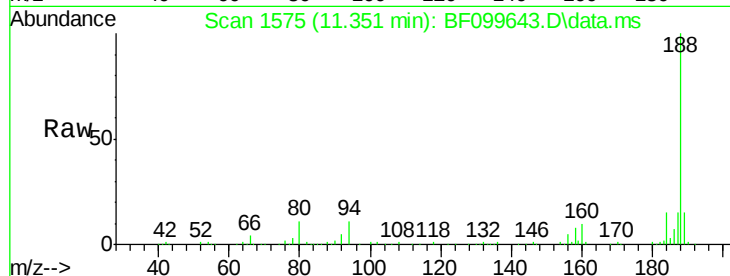




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.041 min
Lab File: BF099643.D
Acq: 19 Oct 2017 3:14

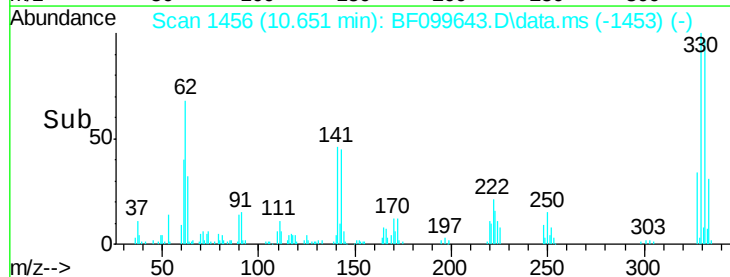
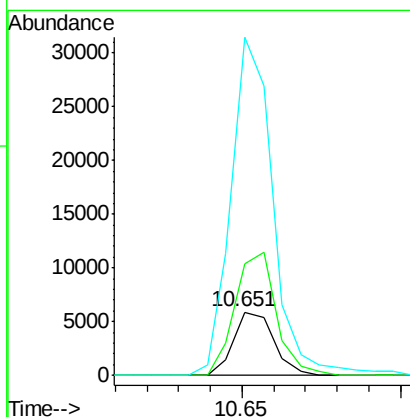
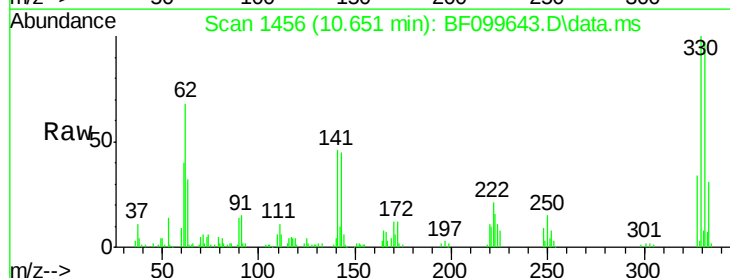
Instrument :
BNA_F
ClientSampleId :
BACKFILL-COMP-1

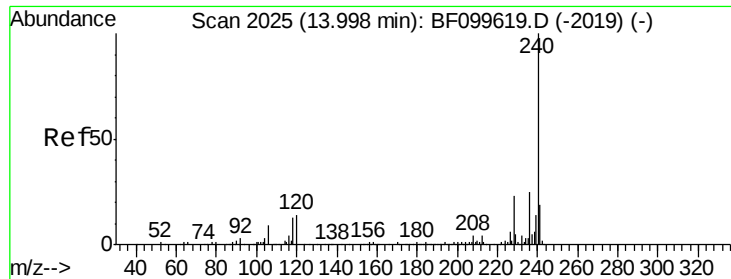
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.6	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 3.06 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.282 min
Lab File: BF099643.D
Acq: 19 Oct 2017 3:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	177.0	76.9	115.3#
141	536.2	74.4	111.6#

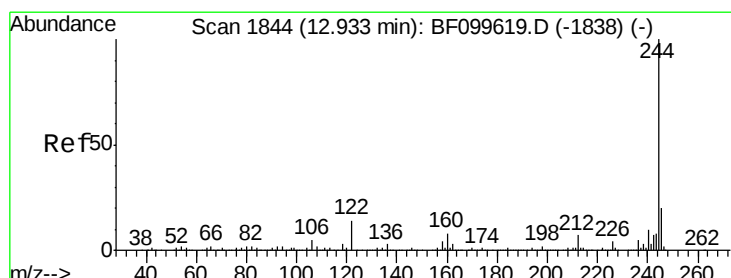
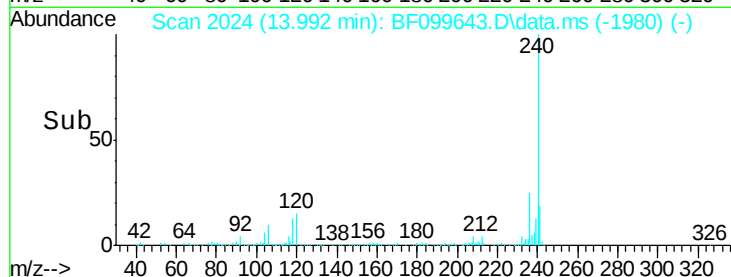
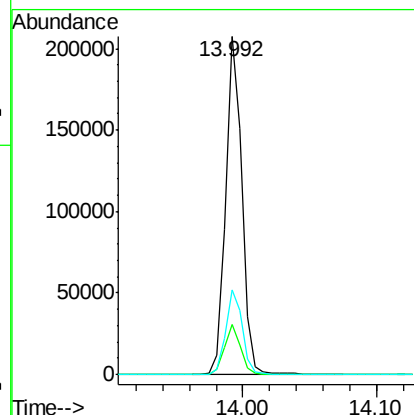
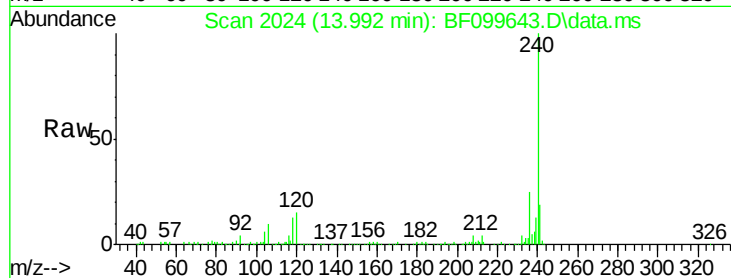




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.992 min Scan# 20
 Delta R.T. -0.041 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

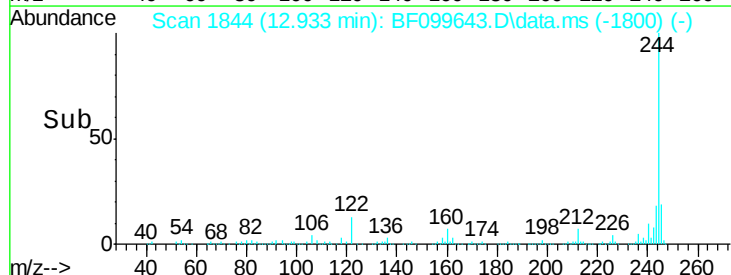
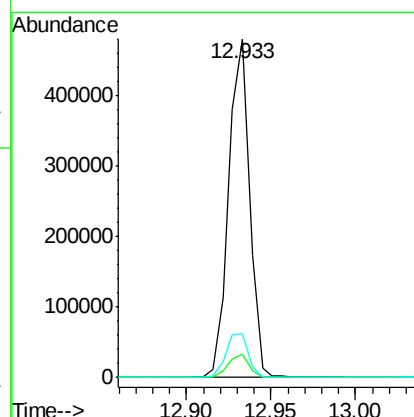
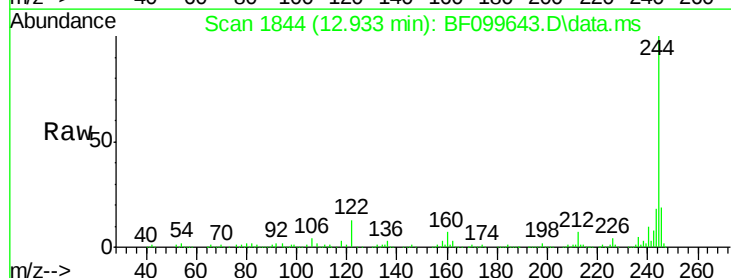
Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1

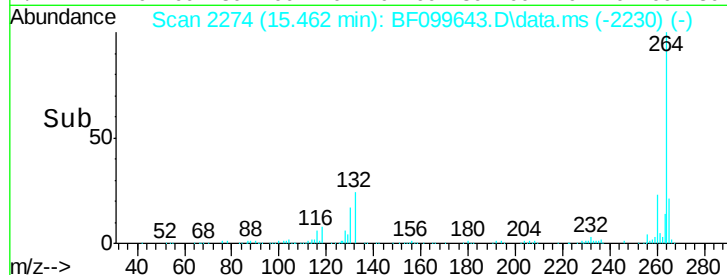
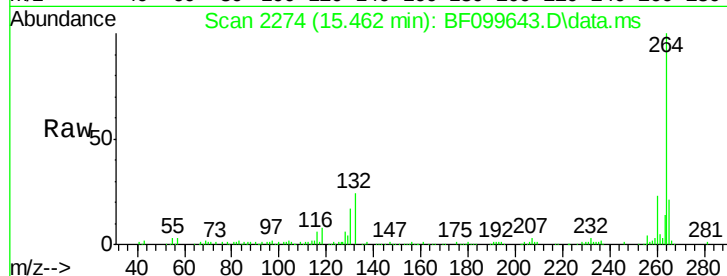
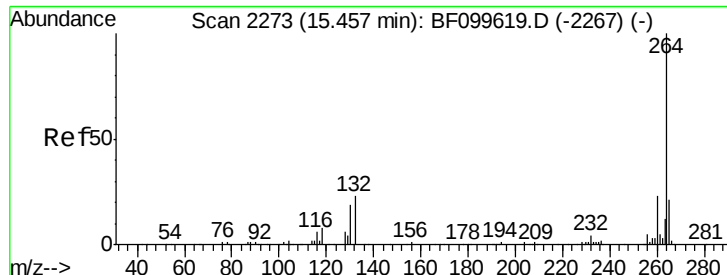
Tot Ion:240 Resp: 179043
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 52.75 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.041 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

Tgt Ion:244 Resp: 415309
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.8 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.462 min Scan# 22
 Delta R.T. -0.041 min
 Lab File: BF099643.D
 Acq: 19 Oct 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	17.5	26.3

