

Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
 Data File : BF099651.D
 Acq On : 19 Oct 2017 7:49
 Operator : SJ/JU
 Sample : I5951-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 294-COMP

Quant Time: Oct 19 10:24:51 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

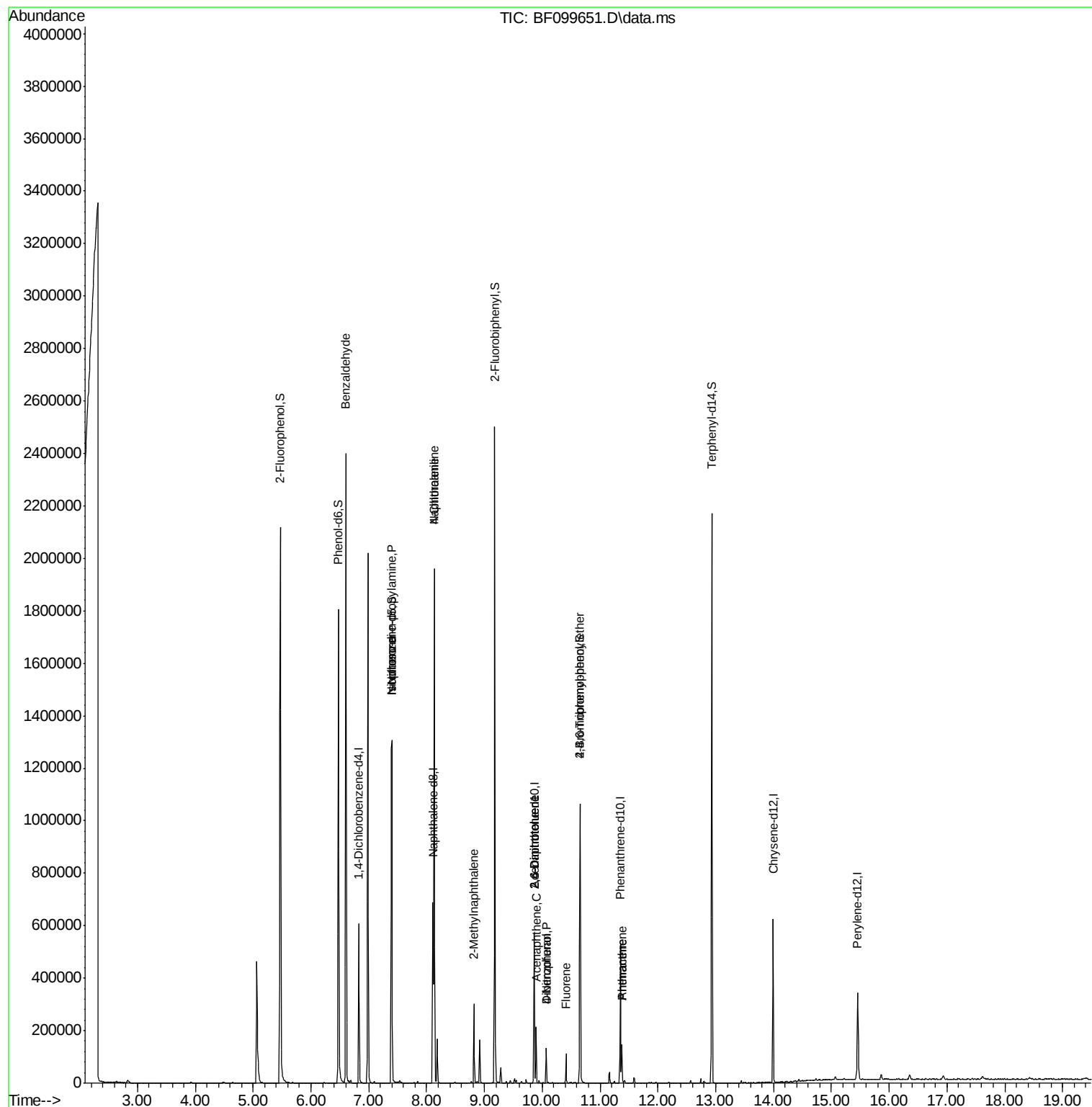
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.828	152	89127	20.00	ng	-0.04
21) Naphthalene-d8	8.110	136	317294	20.00	ng	-0.04
38) Acenaphthene-d10	9.863	164	111492	20.00	ng	-0.04
63) Phenanthrene-d10	11.351	188	182471	20.00	ng	-0.04
75) Chrysene-d12	13.992	240	190294	20.00	ng	-0.04
86) Perylene-d12	15.457	264	147176	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	690490	123.33	ng	-0.01
7) Phenol-d6	6.475	99	715465	103.59	ng	-0.02
23) Nitrobenzene-d5	7.398	82	484687	97.96	ng	-0.04
41) 2,4,6-Tribromophenol	10.657	330	133208	146.01	ng	-0.04
44) 2-Fluorobiphenyl	9.181	172	825280	123.57	ng	-0.05
78) Terphenyl-d14	12.933	244	687556	82.17	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.604	77	13102	3.27	ng	87
19) n-Nitroso-di-n-propyla...	7.392	70	60034	13.61	ng	# 73
25) Isophorone	7.398	82	484684	47.38	ng	# 64
31) Naphthalene	8.134	128	919052	61.67	ng	100
33) 4-Chloroaniline	8.134	127	120265	19.33	ng	# 34
37) 2-Methylnaphthalene	8.822	142	88064	9.09	ng	95
50) 2,6-Dinitrotoluene	9.863	165	14613	7.98	ng	# 24
51) Acenaphthene	9.892	154	44403	6.36	ng	99
54) Dibenzofuran	10.069	168	54675	5.89	ng	98
55) 4-Nitrophenol	10.069	139	19603	10.85	ng	# 9
56) 2,4-Dinitrotoluene	9.863	165	14613	6.15	ng	# 21
57) Fluorene	10.410	166	30660	4.11	ng	98
66) 4-Bromophenyl-phenylether	10.651	248	8554	4.79	ng	# 1
70) Phenanthrene	11.375	178	55183	5.65	ng	98
71) Anthracene	11.375	178	55183	5.52	ng	99

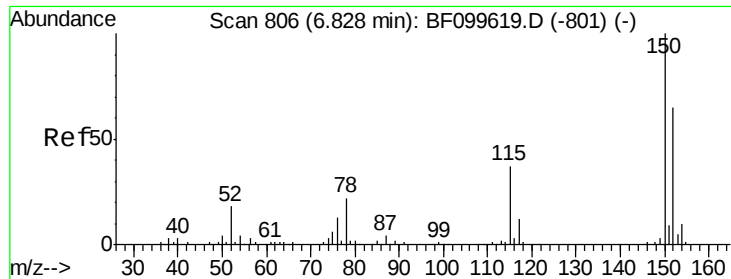
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
Data File : BF099651.D
Acq On : 19 Oct 2017 7:49
Operator : SJ/JU
Sample : I5951-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
294-COMP

Quant Time: Oct 19 10:24:51 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.041 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

Instrument :

BNA_F

ClientSampleId :

294-COMP

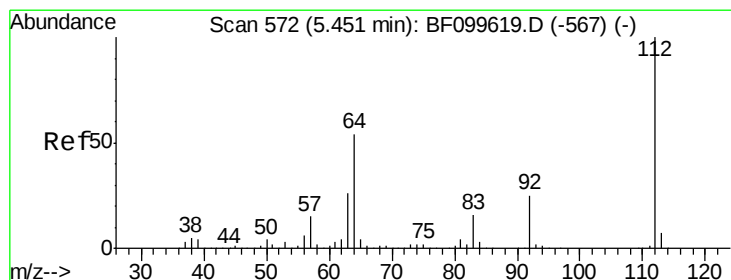
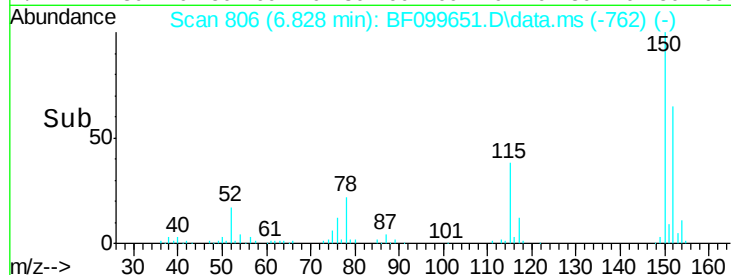
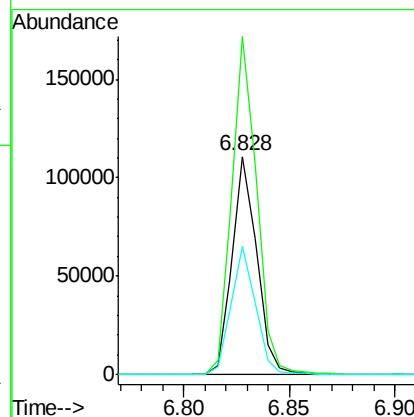
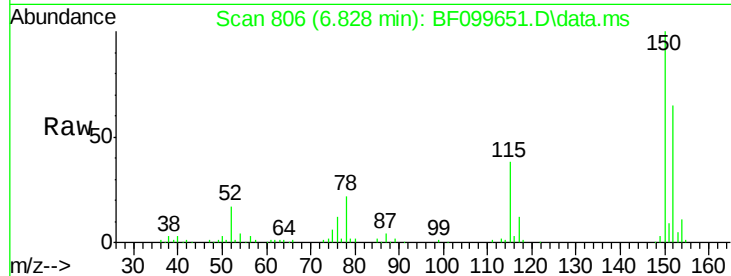
Tot Ion:152 Resp: 89127

Ion Ratio Lower Upper

152 100

150 155.0 124.6 186.8

115 58.6 50.1 75.1



#5

2-Fluorophenol

Concen: 123.33 ng

RT: 5.469 min Scan# 575

Delta R.T. -0.012 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

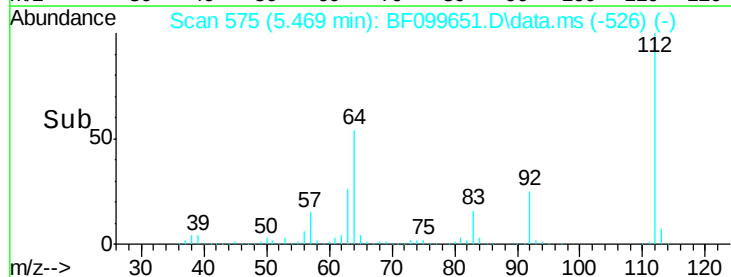
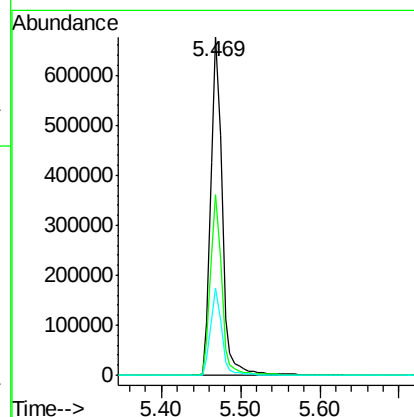
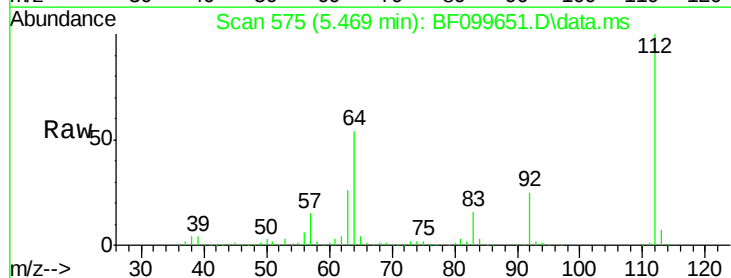
Tgt Ion:112 Resp: 690490

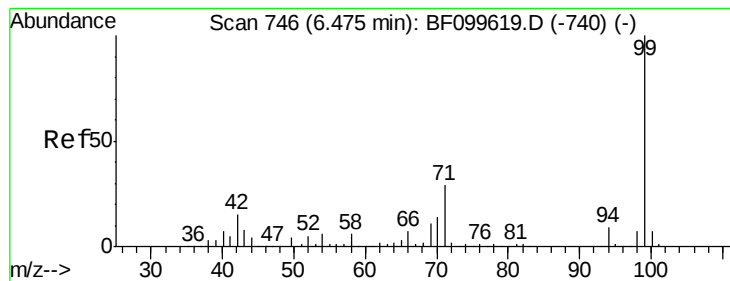
Ion Ratio Lower Upper

112 100

64 53.6 47.9 71.9

63 26.0 23.7 35.5





#7

Phenol-d6

Concen: 103.59 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.023 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

Instrument :

BNA_F

ClientSampleId :

294-COMP

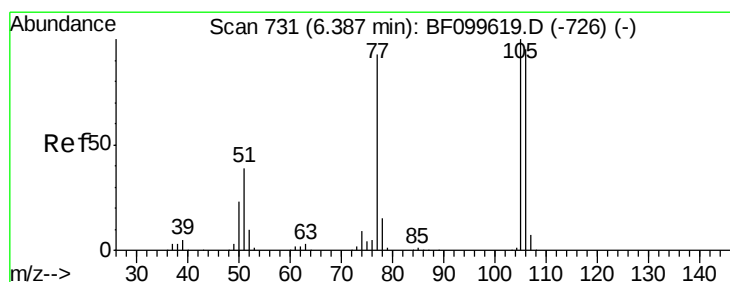
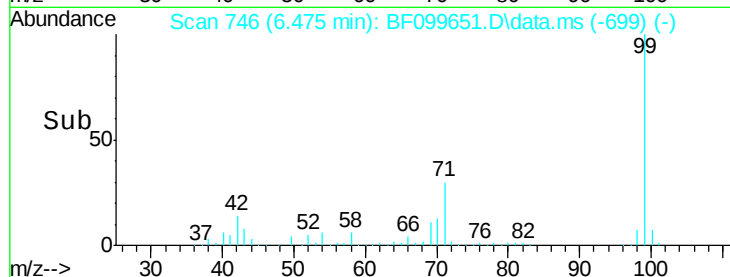
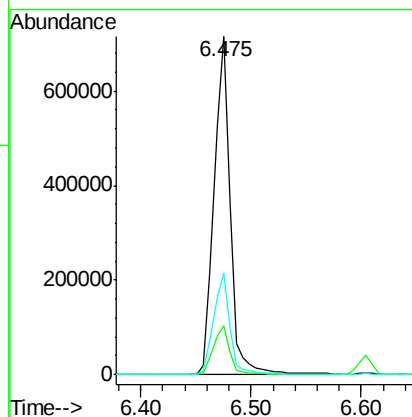
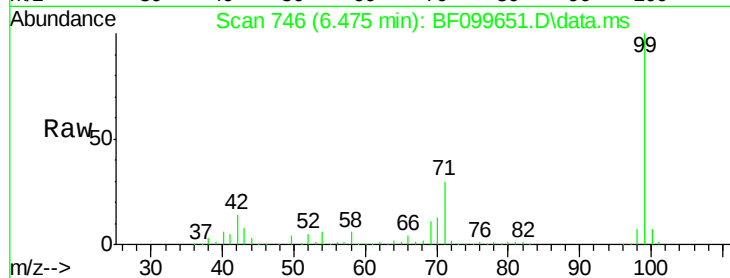
Tot Ion: 99 Resp: 715465

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

71 29.8 25.4 38.0



#9

Benzaldehyde

Concen: 3.27 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.182 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

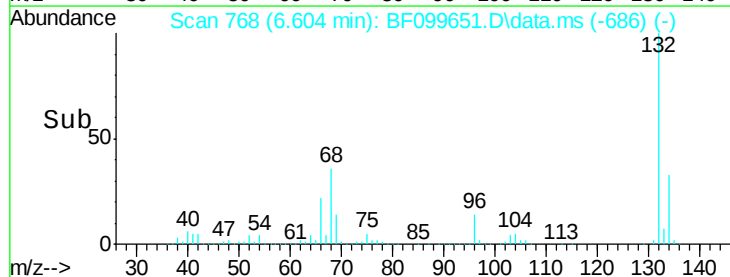
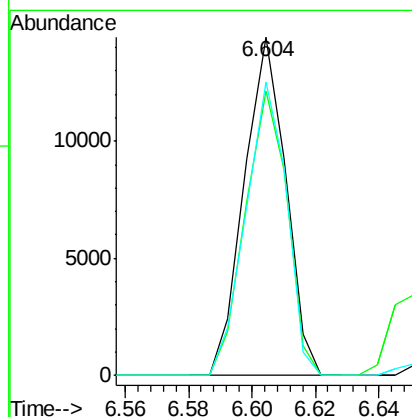
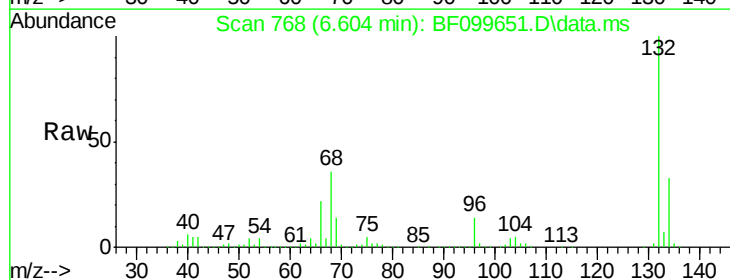
Tgt Ion: 77 Resp: 13102

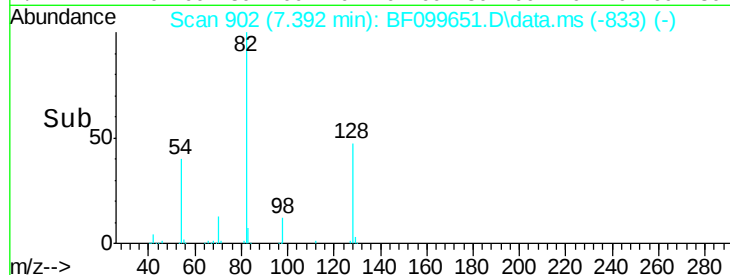
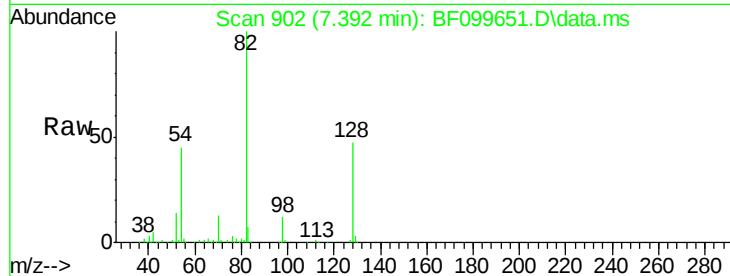
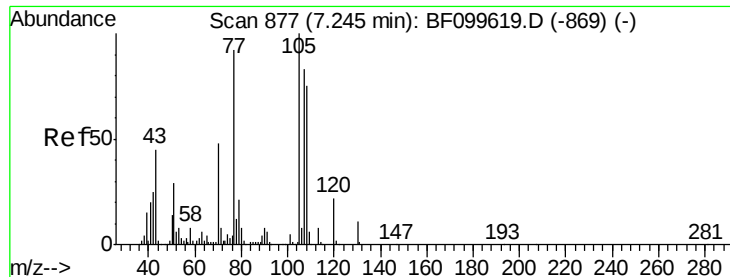
Ion Ratio Lower Upper

77 100

105 84.0 81.1 121.1

106 86.8 74.5 114.5

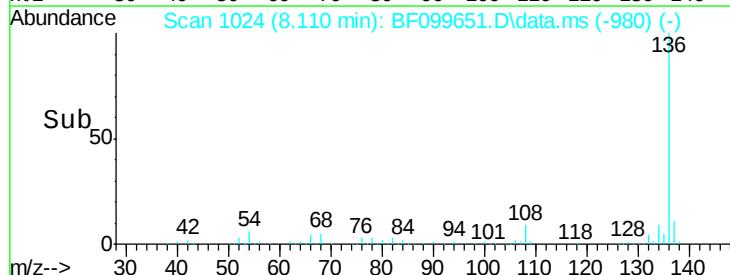
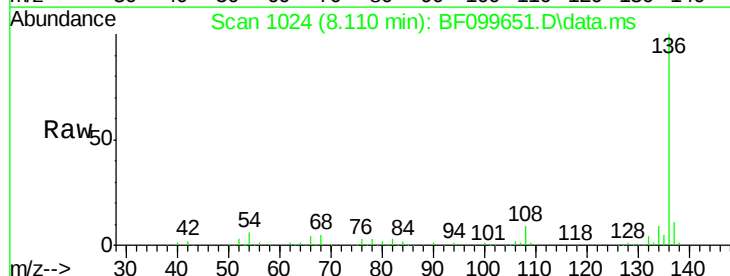
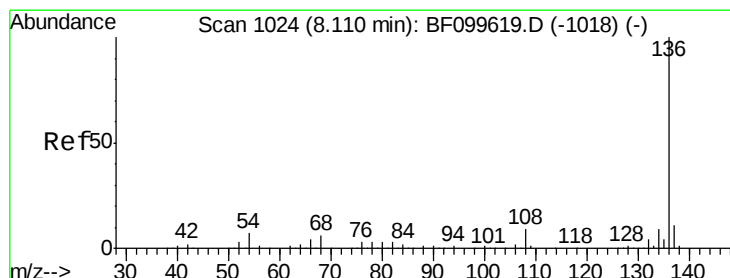
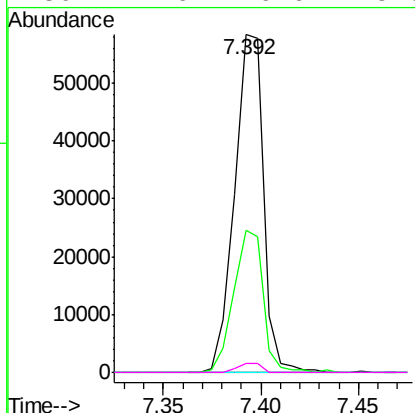




#19
n-Nitroso-di-n-propylamine
Concen: 13.61 ng
RT: 7.392 min Scan# 90
Delta R.T. 0.106 min
Lab File: BF099651.D
Acq: 19 Oct 2017 7:49

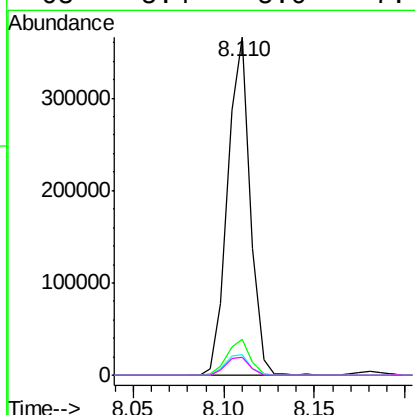
Instrument :
BNA_F
ClientSampleId :
294-COMP

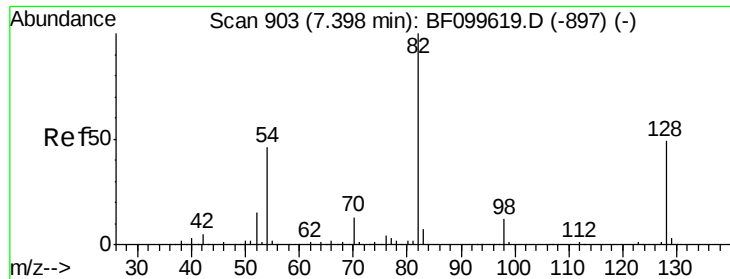
Tot Ion: 70 Resp: 60034
Ion Ratio Lower Upper
70 100
42 42.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.041 min
Lab File: BF099651.D
Acq: 19 Oct 2017 7:49

Tgt Ion: 136 Resp: 317294
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.2 6.6 9.8#
68 5.4 5.0 7.4

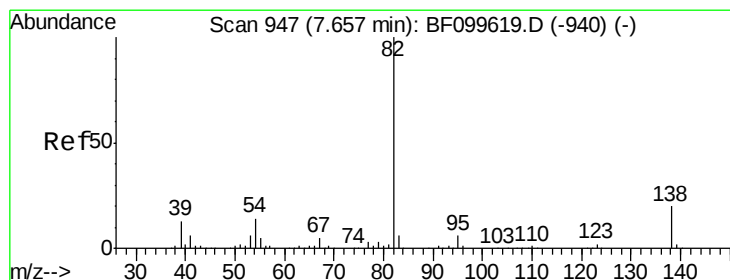
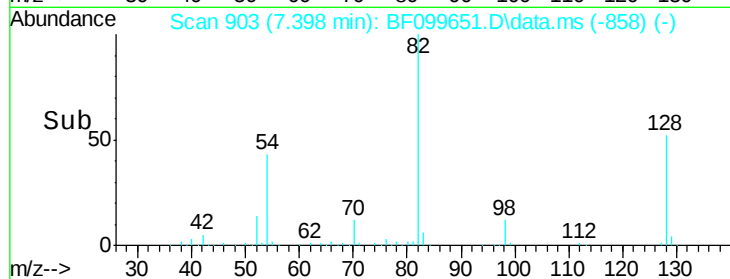
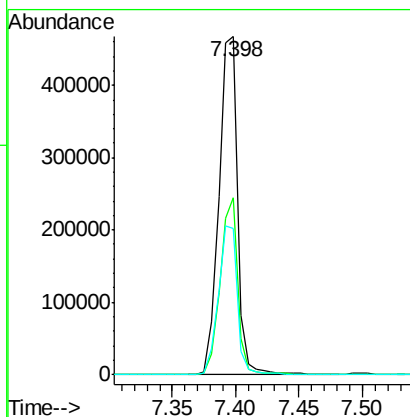
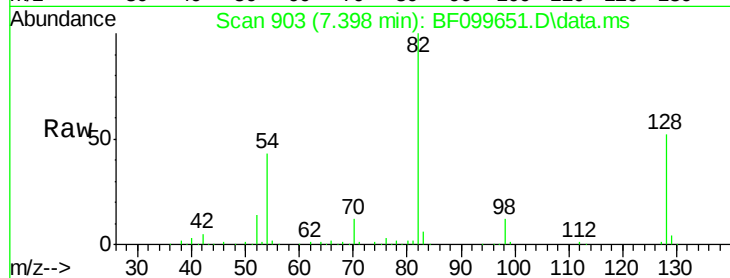




#23
Nitrobenzene-d5
Concen: 97.96 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.035 min
Lab File: BF099651.D
Acq: 19 Oct 2017 7:49

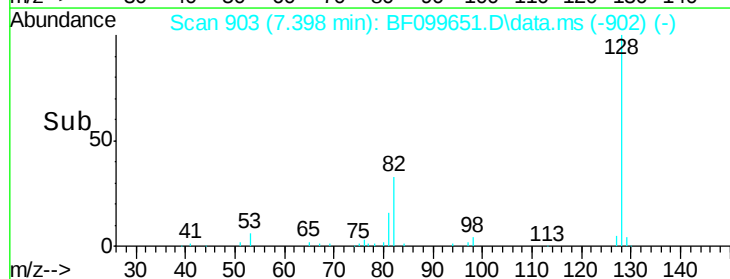
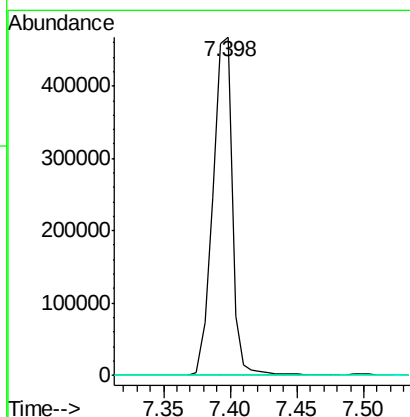
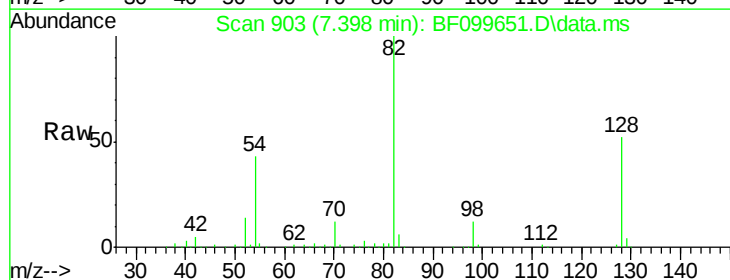
Instrument :
BNA_F
ClientSampleId :
294-COMP

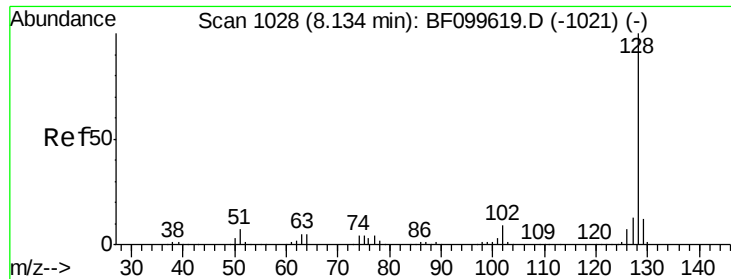
Tot Ion	82	Ratio	Lower	Upper
82	100			
128	52.2	36.1	54.1	
54	43.2	41.4	62.2	



#25
Isophorone
Concen: 47.38 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.294 min
Lab File: BF099651.D
Acq: 19 Oct 2017 7:49

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

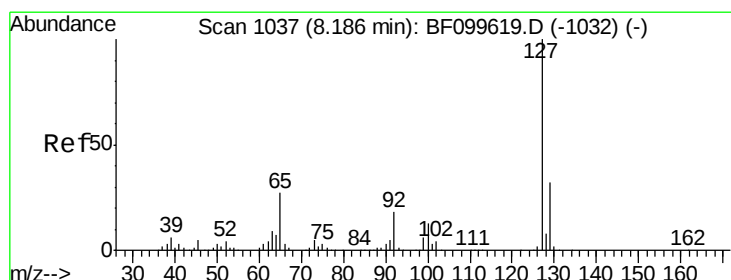
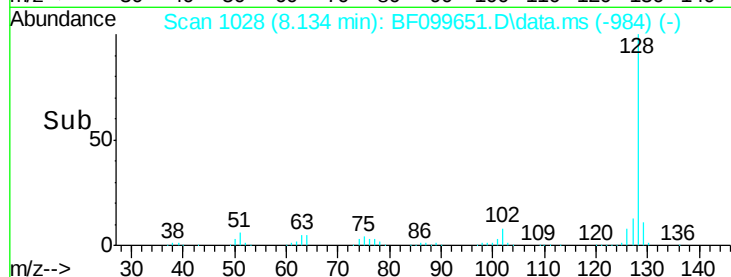
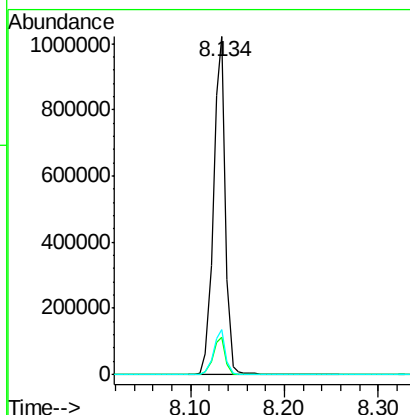
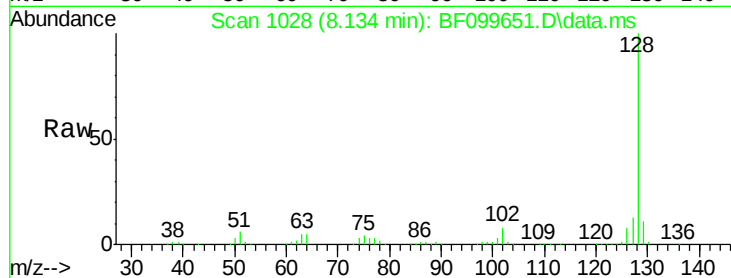




#31
Naphthalene
Concen: 61.67 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.041 min
Lab File: BF099651.D
Acq: 19 Oct 2017 7:49

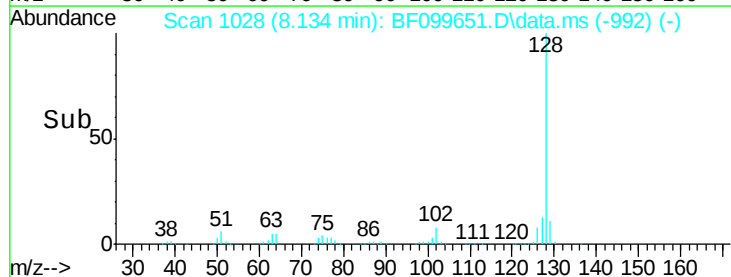
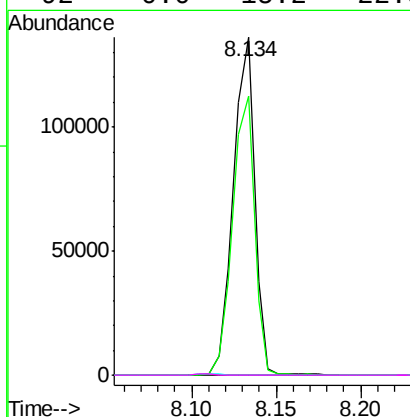
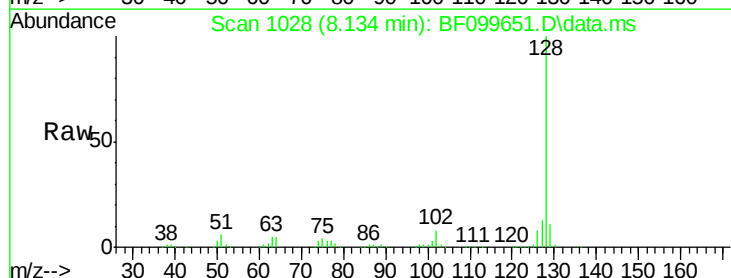
Instrument :
BNA_F
ClientSampleId :
294-COMP

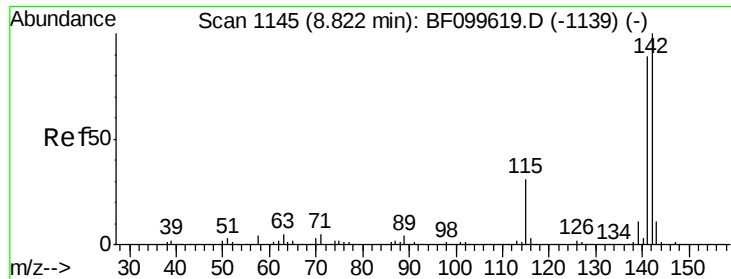
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3



#33
4-Chloroaniline
Concen: 19.33 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.088 min
Lab File: BF099651.D
Acq: 19 Oct 2017 7:49

Tgt Ion	Ratio	Lower	Upper
127	100		
129	82.5	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

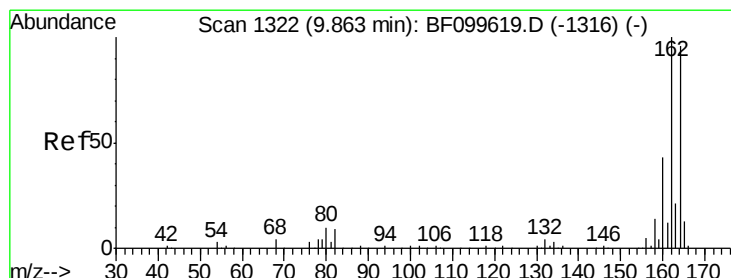
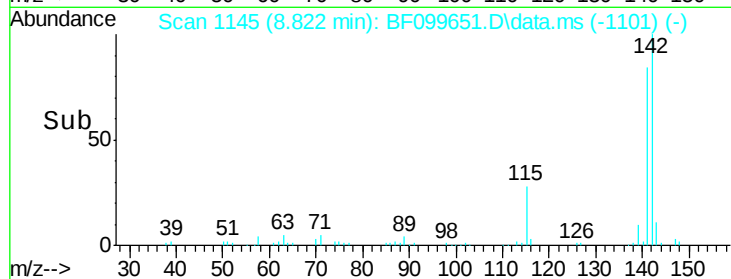
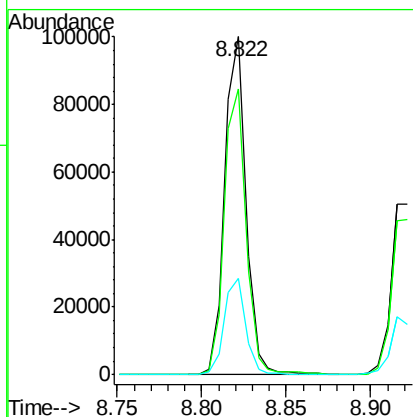
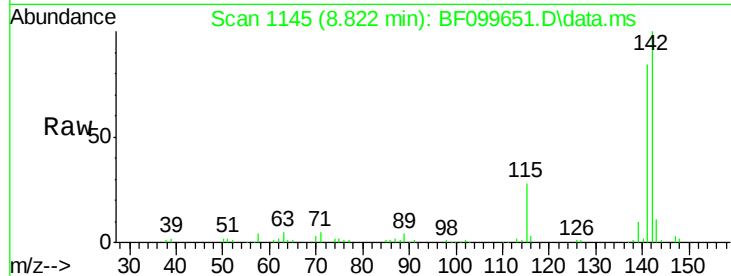




#37
2-Methylnaphthalene
Concen: 9.09 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.041 min
Lab File: BF099651.D
Acq: 19 Oct 2017 7:49

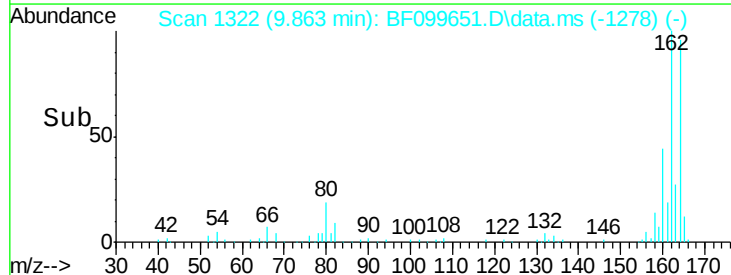
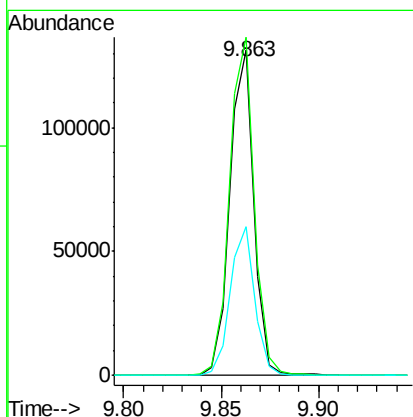
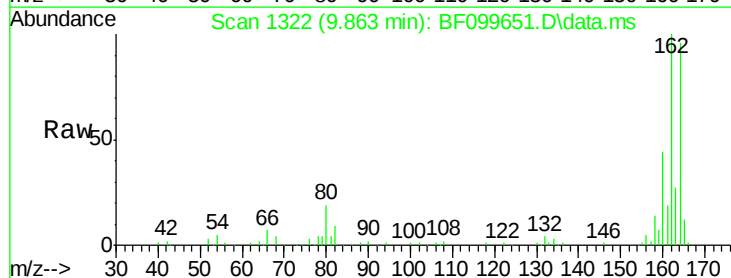
Instrument :
BNA_F
ClientSampleId :
294-COMP

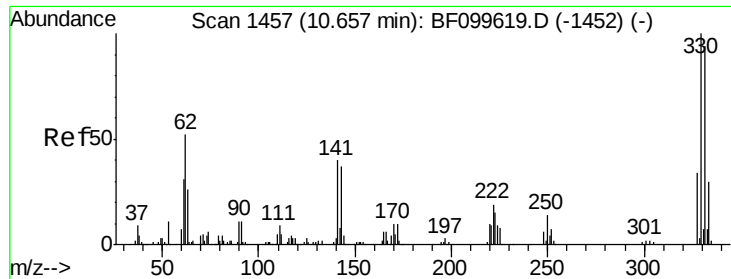
Tot Ion:142 Resp: 88064
Ion Ratio Lower Upper
142 100
141 84.4 70.8 106.2
115 28.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.041 min
Lab File: BF099651.D
Acq: 19 Oct 2017 7:49

Tgt Ion:164 Resp: 111492
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 45.8 38.3 57.5

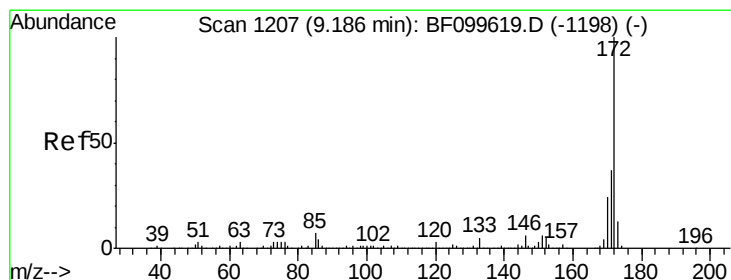
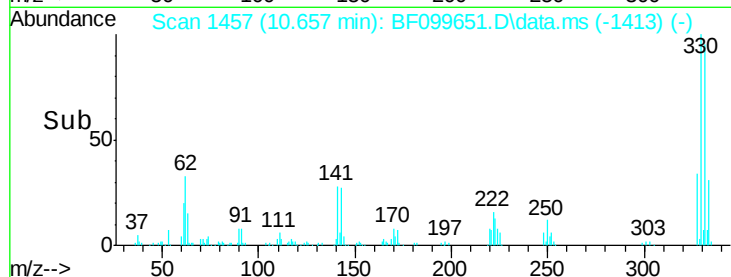
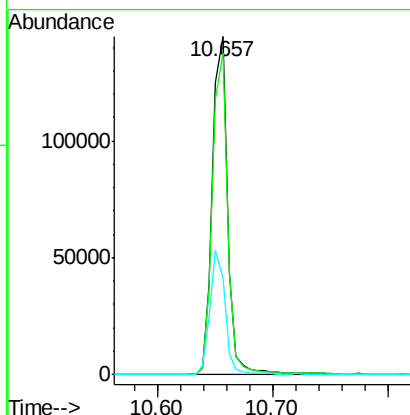
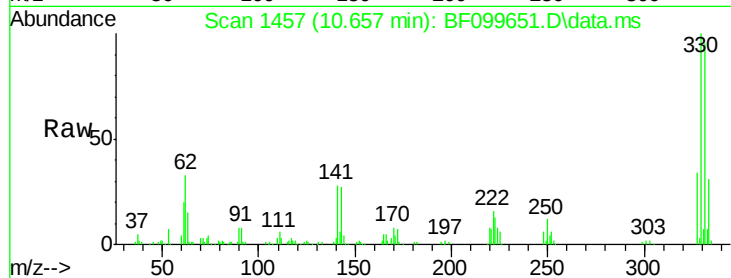




#41
 2,4,6-Tribromophenol
 Concen: 146.01 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. -0.041 min
 Lab File: BF099651.D
 Acq: 19 Oct 2017 7:49

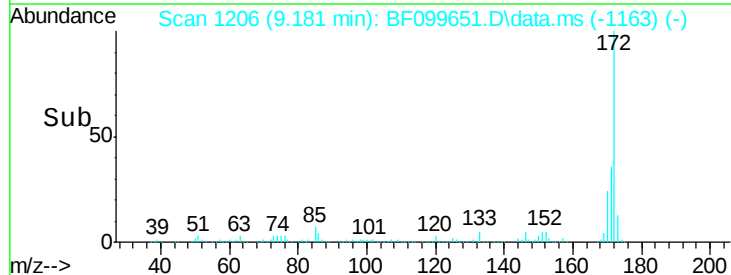
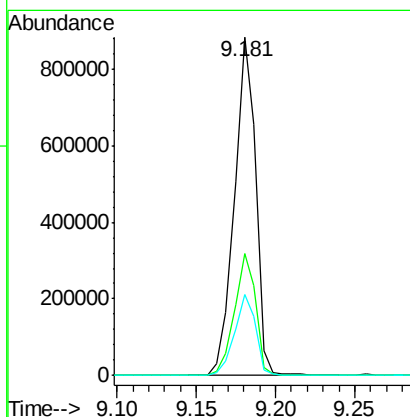
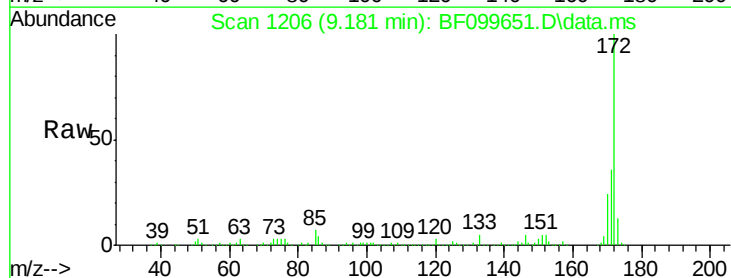
Instrument :
 BNA_F
 ClientSampleId :
 294-COMP

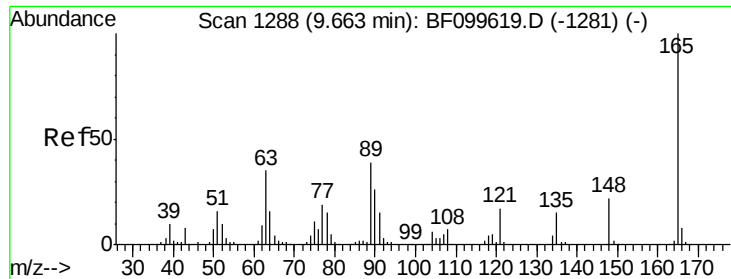
Tot Ion:330 Resp: 133208
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 36.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 123.57 ng
 RT: 9.181 min Scan# 1206
 Delta R.T. -0.047 min
 Lab File: BF099651.D
 Acq: 19 Oct 2017 7:49

Tgt Ion:172 Resp: 825280
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 19.6 29.4

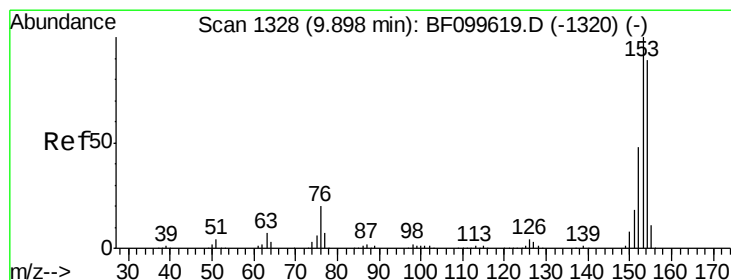
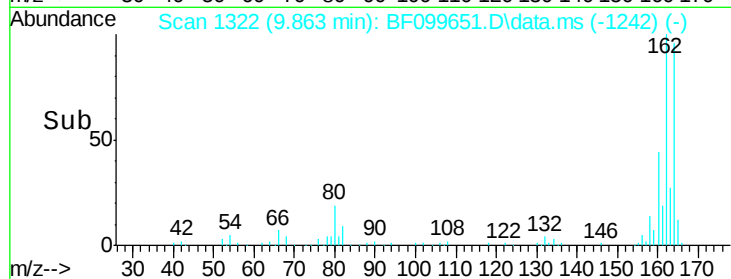
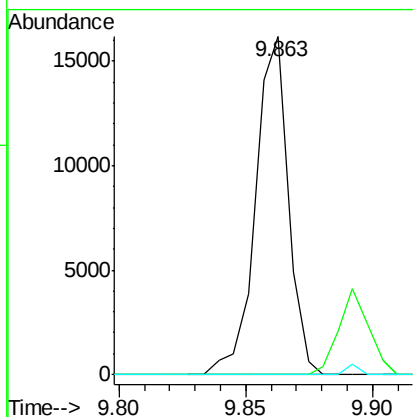
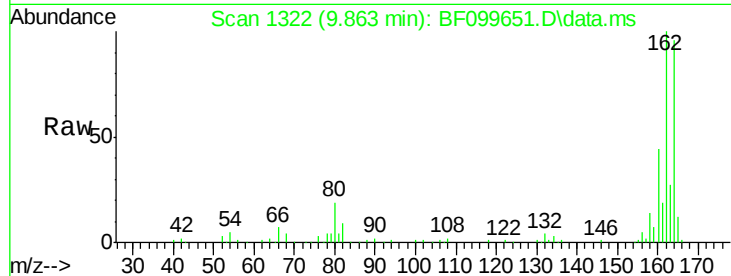




#50
 2,6-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.863 min Scan# 131
 Delta R.T. 0.171 min
 Lab File: BF099651.D
 Acq: 19 Oct 2017 7:49

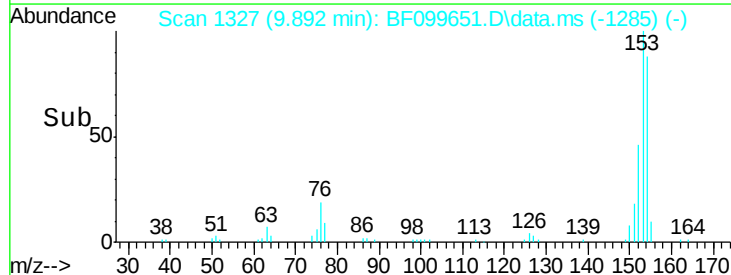
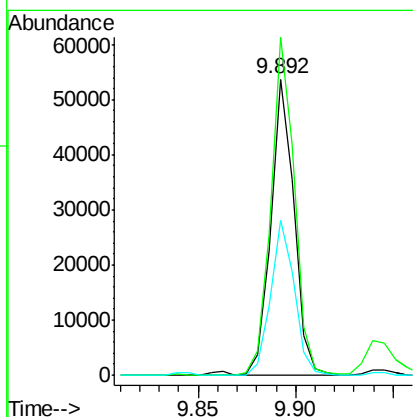
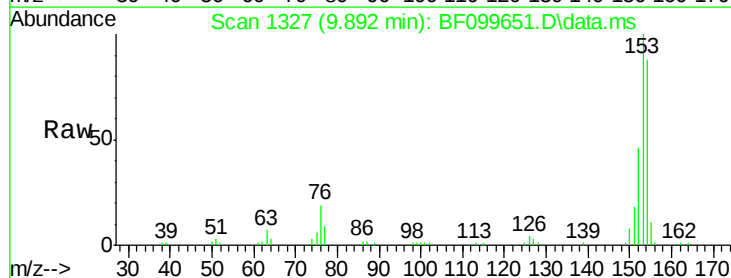
Instrument :
 BNA_F
 ClientSampleId :
 294-COMP

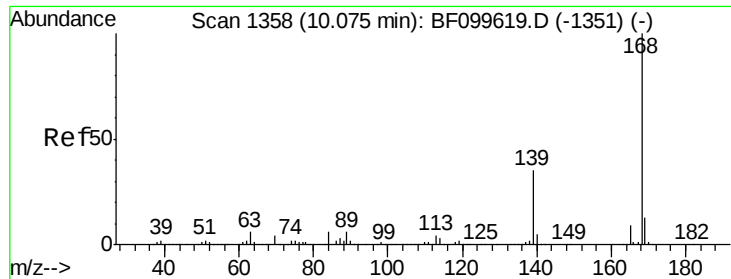
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#51
 Acenaphthene
 Concen: 6.36 ng
 RT: 9.892 min Scan# 1327
 Delta R.T. -0.053 min
 Lab File: BF099651.D
 Acq: 19 Oct 2017 7:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.2	136.8
152	52.2	43.8	65.8





#54

Dibenzenofuran

Concen: 5.89 ng

RT: 10.069 min Scan# 1357

Delta R.T. -0.047 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

Instrument :

BNA_F

ClientSampleId :

294-COMP

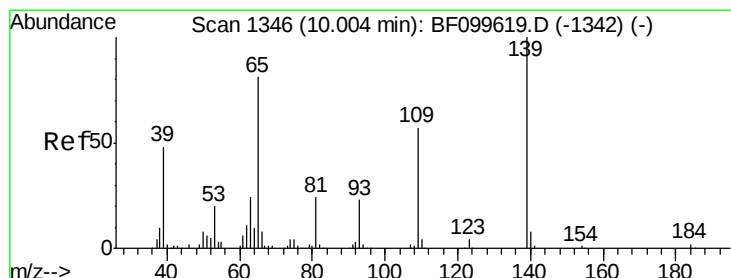
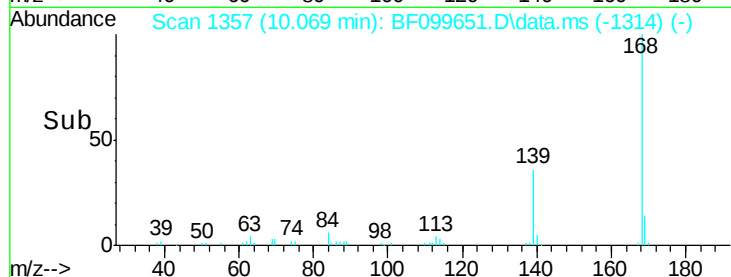
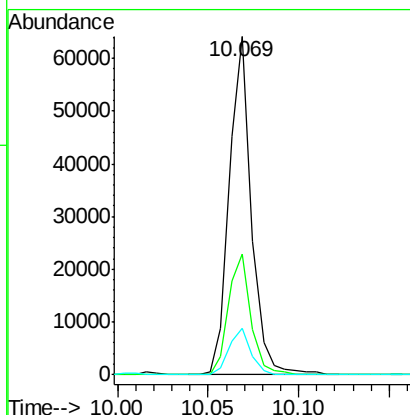
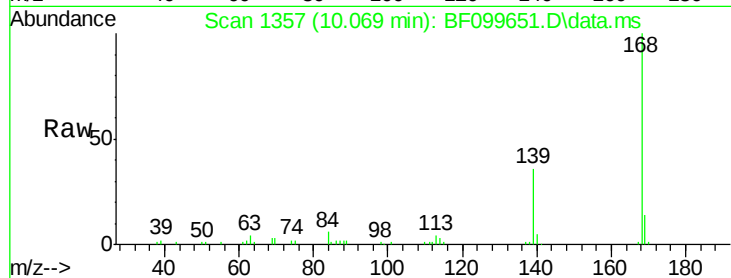
Tot Ion:168 Resp: 54675

Ion Ratio Lower Upper

168 100

139 35.8 30.1 45.1

169 13.8 10.9 16.3



#55

4-Nitrophenol

Concen: 10.85 ng

RT: 10.069 min Scan# 1357

Delta R.T. 0.047 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

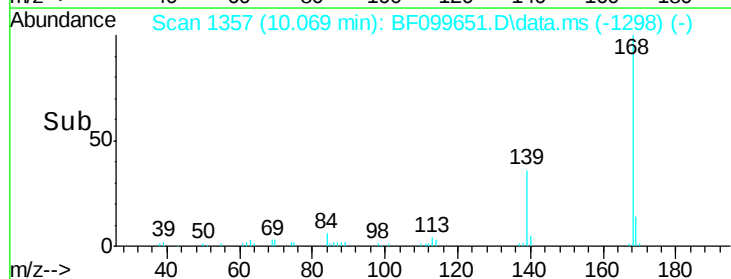
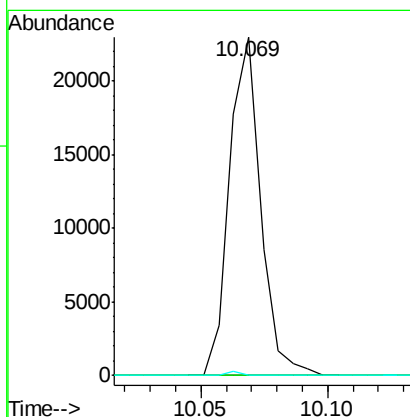
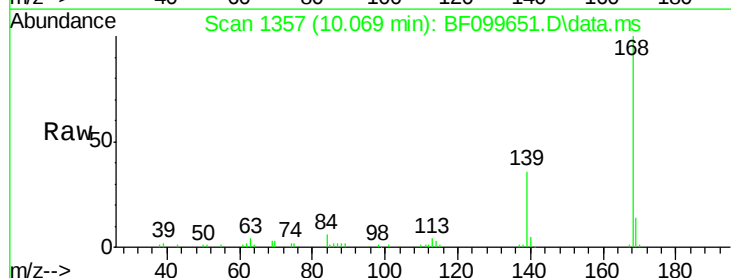
Tgt Ion:139 Resp: 19603

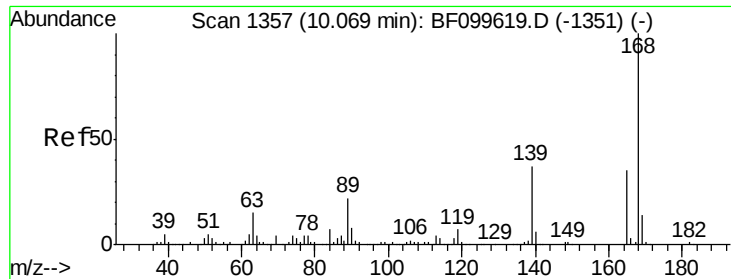
Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

65 0.0 72.6 112.6#

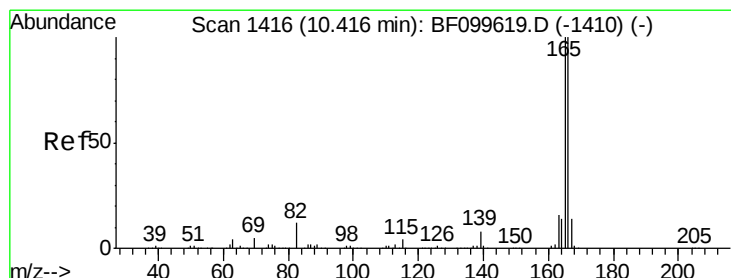
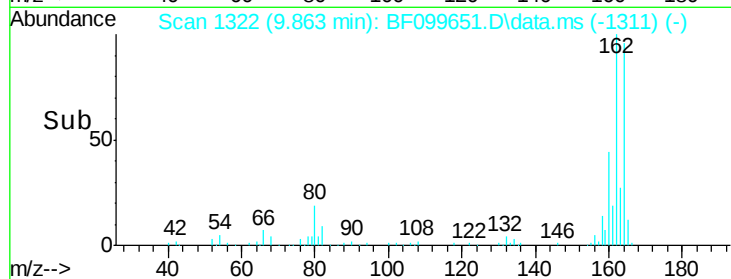
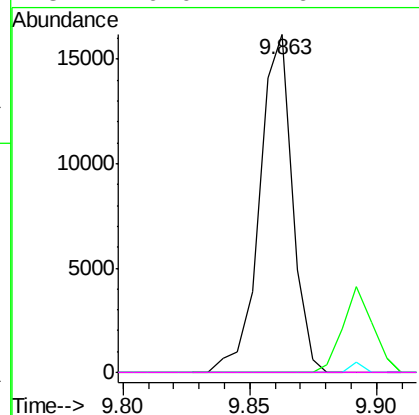
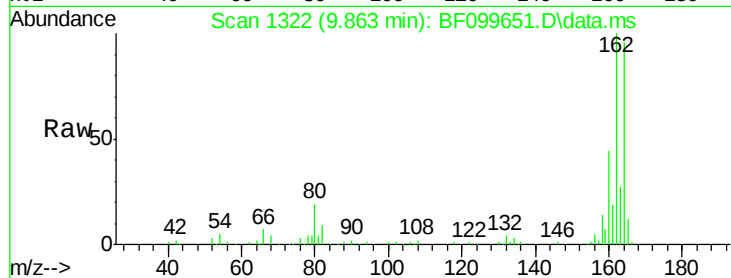




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.863 min Scan# 1357
 Delta R.T. -0.235 min
 Lab File: BF099651.D
 Acq: 19 Oct 2017 7:49

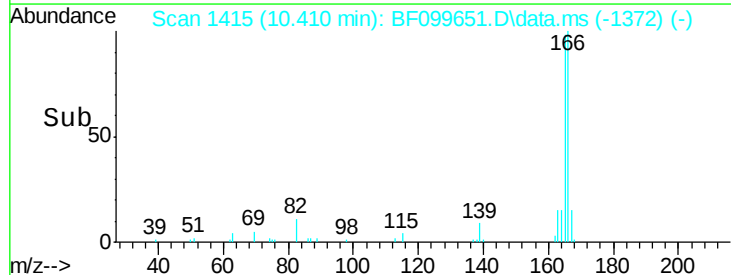
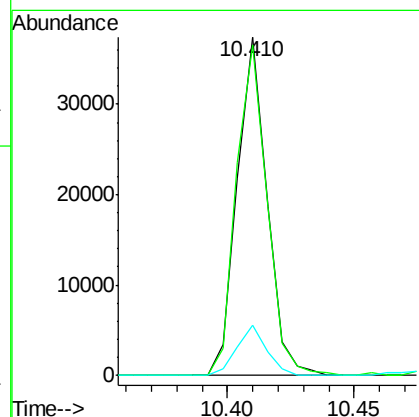
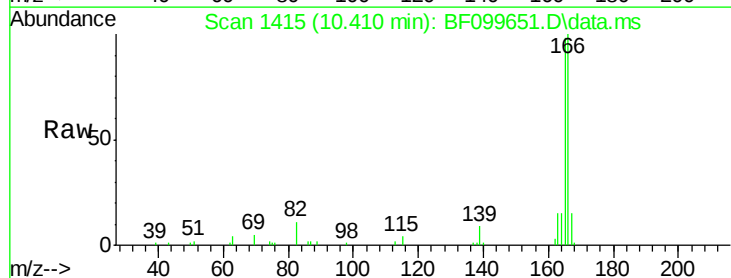
Instrument :
 BNA_F
 ClientSampleId :
 294-COMP

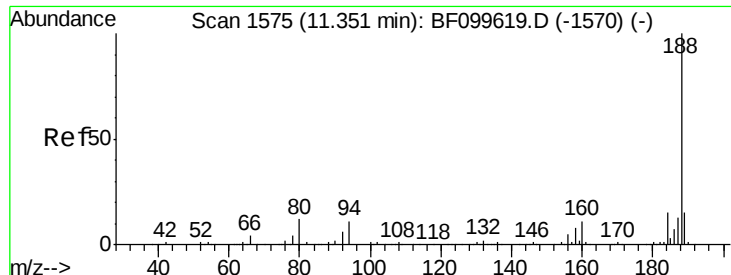
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
 Fluorene
 Concen: 4.11 ng
 RT: 10.410 min Scan# 1415
 Delta R.T. -0.047 min
 Lab File: BF099651.D
 Acq: 19 Oct 2017 7:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.8
167	15.0	10.6	16.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.351 min Scan# 15

Delta R.T. -0.041 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

Instrument :

BNA_F

ClientSampleId :

294-COMP

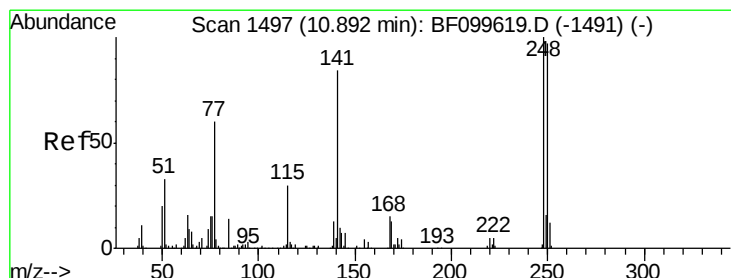
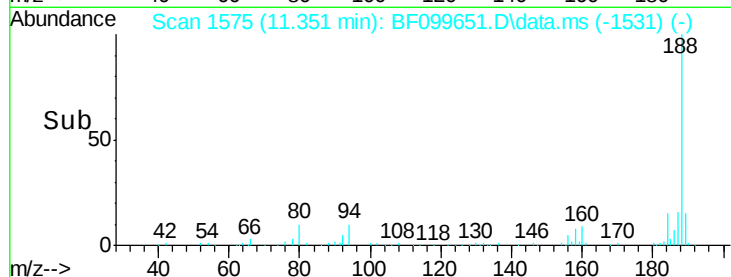
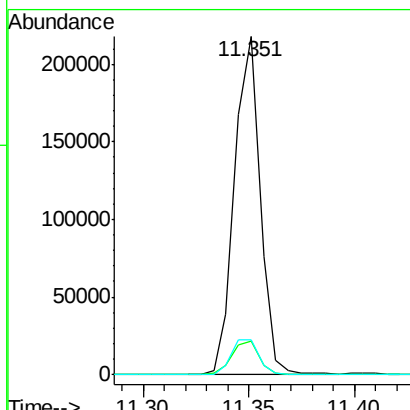
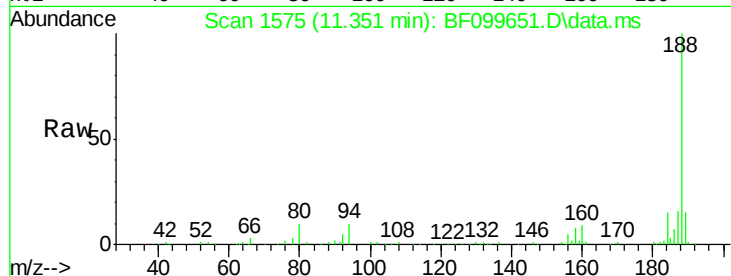
Tot Ion:188 Resp: 182471

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

80 10.3 9.2 13.8



#66

4-Bromophenyl-phenylether

Concen: 4.79 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.282 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

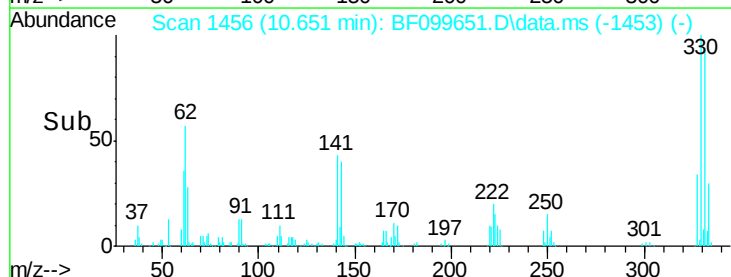
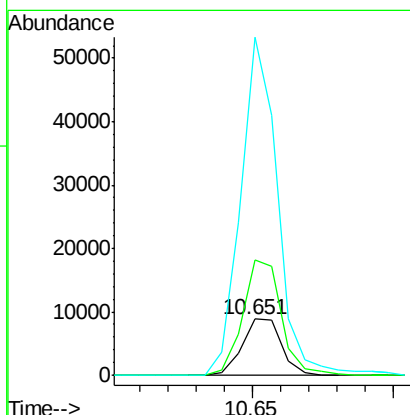
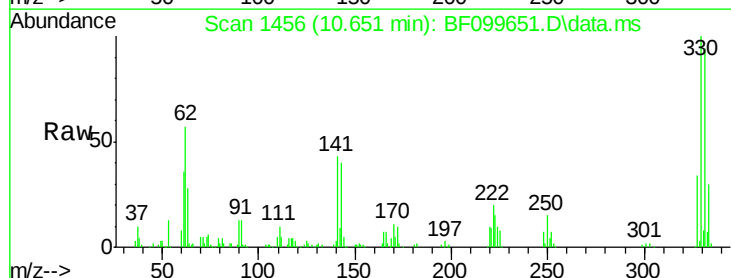
Tgt Ion:248 Resp: 8554

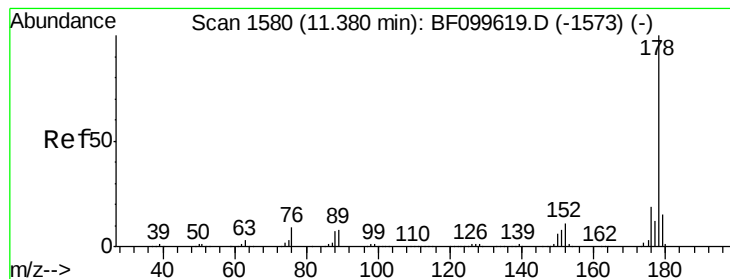
Ion Ratio Lower Upper

248 100

250 205.2 76.9 115.3#

141 599.9 74.4 111.6#





#70

Phenanthrene

Concen: 5.65 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.047 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

Instrument :

BNA_F

ClientSampleId :

294-COMP

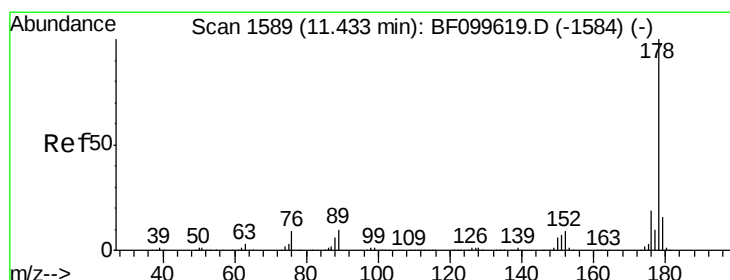
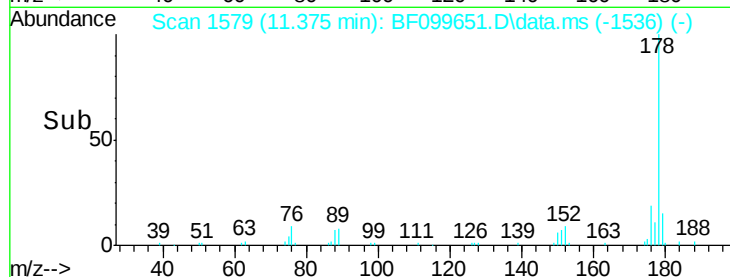
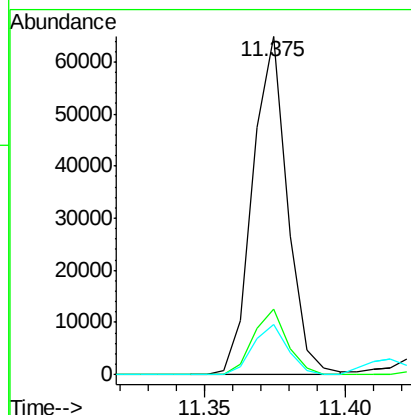
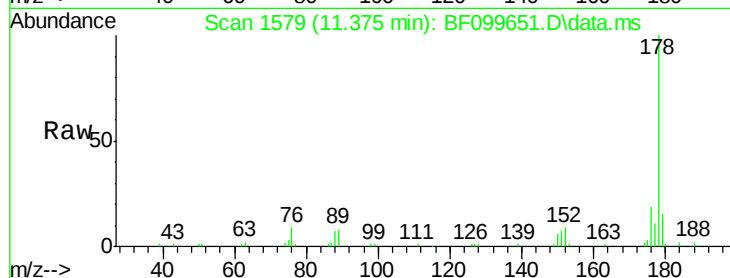
Tot Ion:178 Resp: 55183

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.0 13.0 19.6



#71

Anthracene

Concen: 5.52 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.094 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

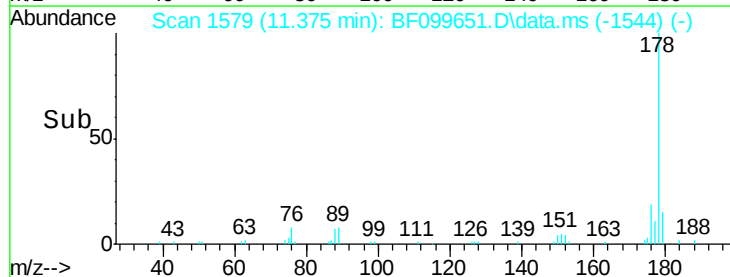
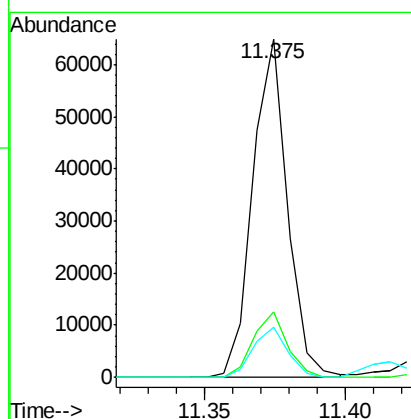
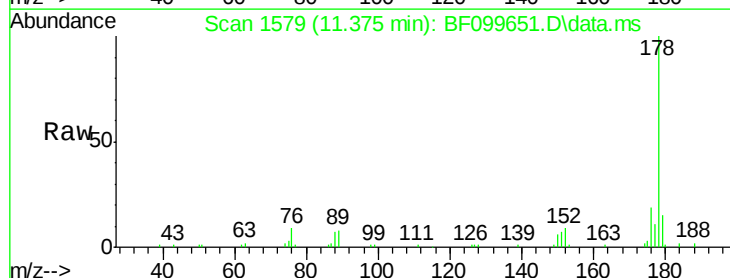
Tgt Ion:178 Resp: 55183

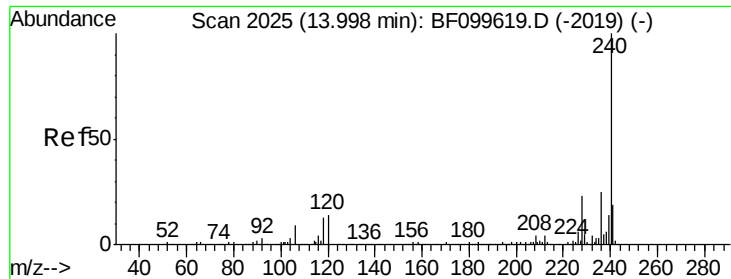
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.0 12.6 19.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.041 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

Instrument :

BNA_F

ClientSampleId :

294-COMP

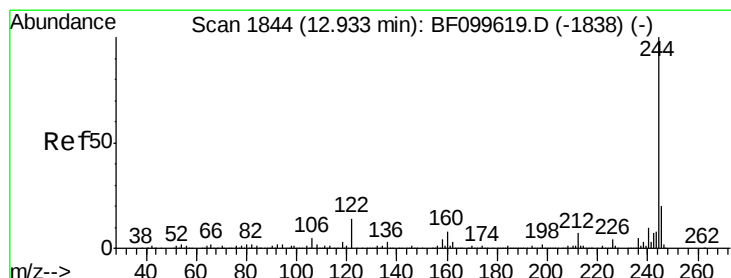
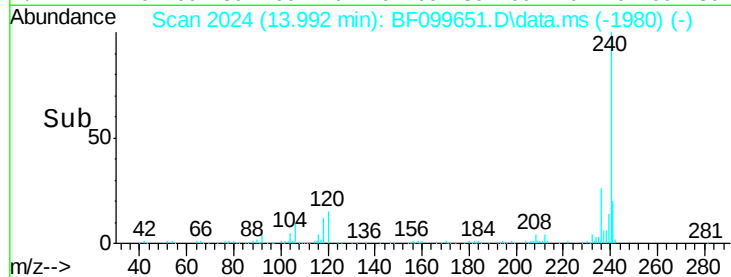
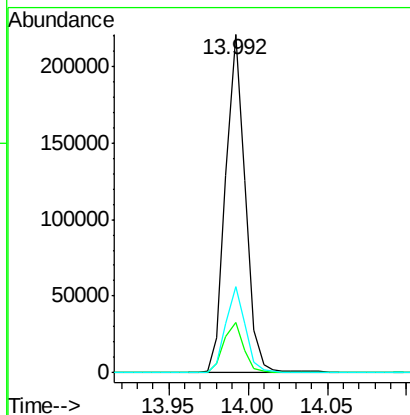
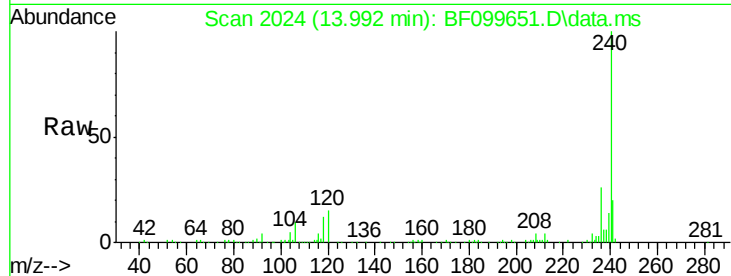
Tot Ion:240 Resp: 190294

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

236 25.5 20.7 31.1



#78

Terphenyl-d14

Concen: 82.17 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.041 min

Lab File: BF099651.D

Acq: 19 Oct 2017 7:49

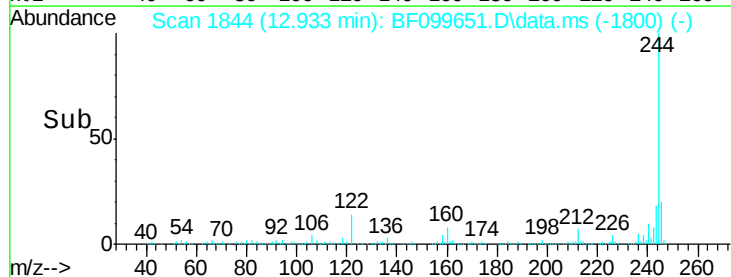
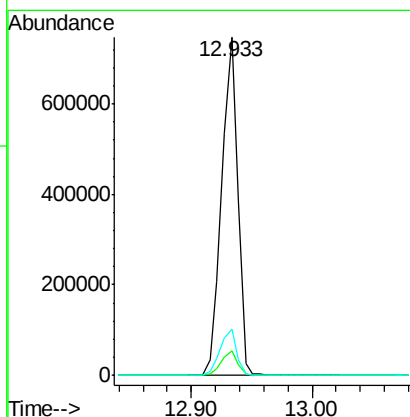
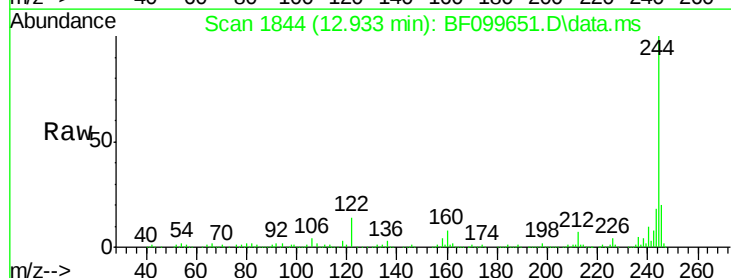
Tgt Ion:244 Resp: 687556

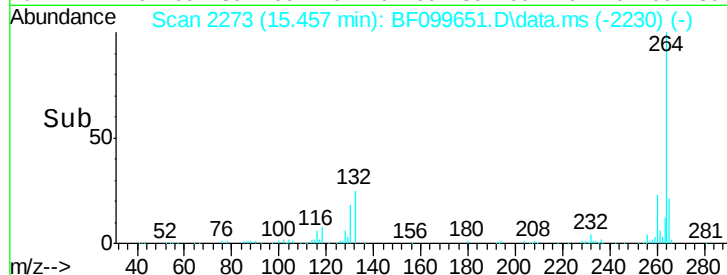
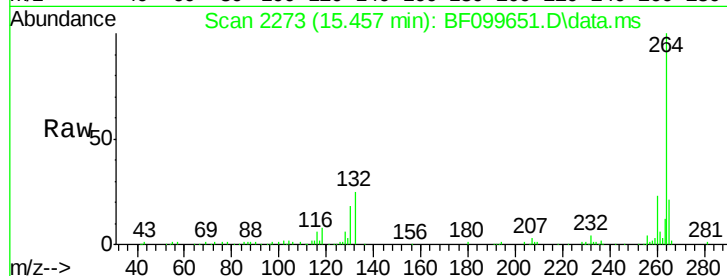
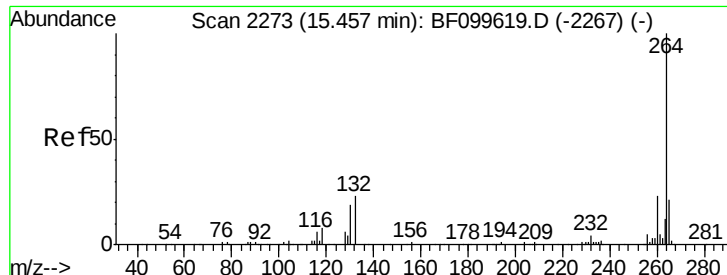
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 13.8 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.457 min Scan# 22
 Delta R.T. -0.047 min
 Lab File: BF099651.D
 Acq: 19 Oct 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 294-COMP

Tot Ion:	264	Resp:	147176
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3

