

Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
 Data File : BF099652.D
 Acq On : 19 Oct 2017 8:16
 Operator : SJ/JU
 Sample : I5952-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP

Quant Time: Oct 19 10:28:13 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

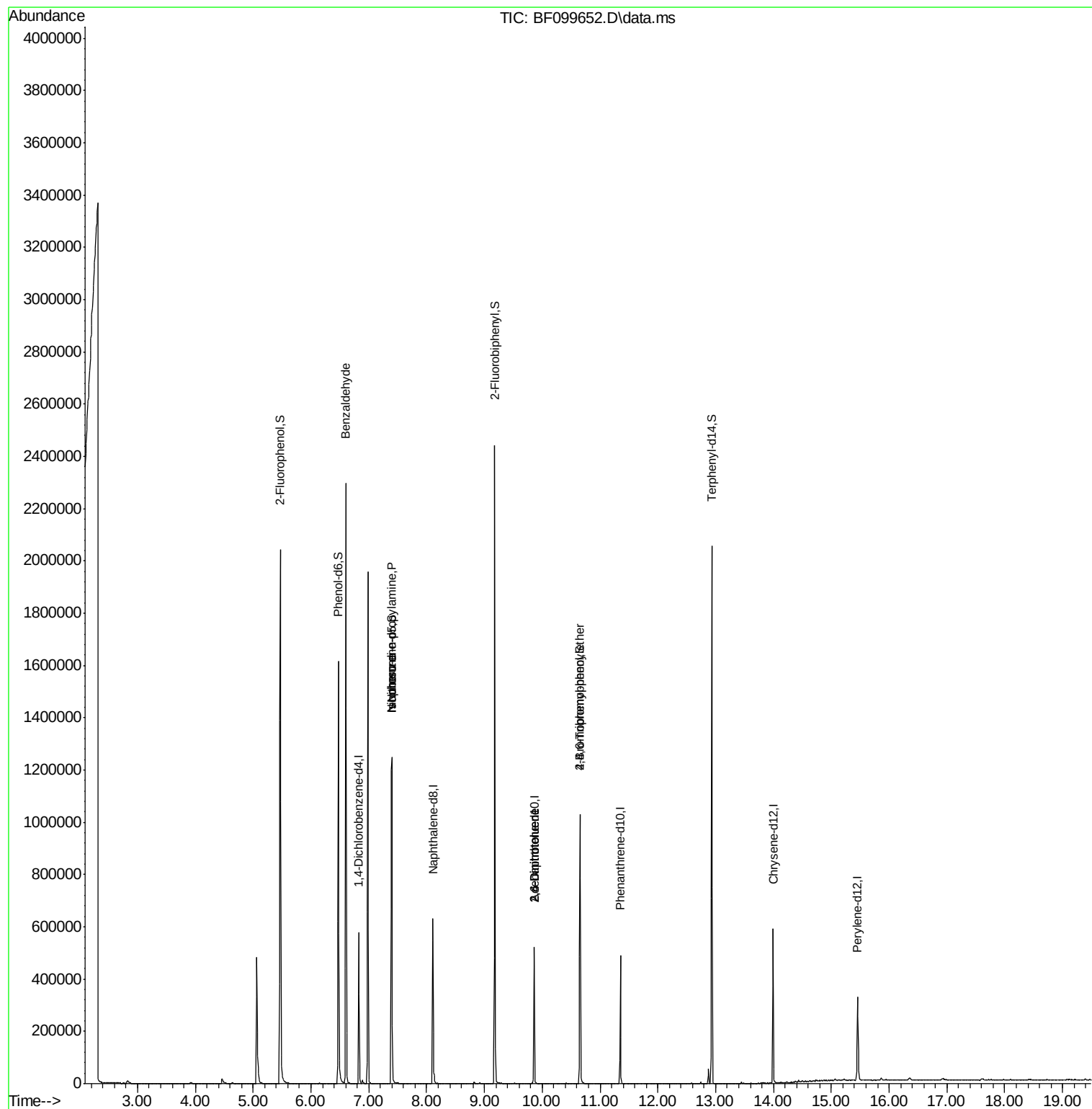
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.828	152	84587	20.00	ng	-0.04
21) Naphthalene-d8	8.110	136	300786	20.00	ng	-0.04
38) Acenaphthene-d10	9.863	164	107008	20.00	ng	-0.04
63) Phenanthrene-d10	11.351	188	170842	20.00	ng	-0.04
75) Chrysene-d12	13.992	240	180708	20.00	ng	-0.04
86) Perylene-d12	15.457	264	143043	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	634729	119.45	ng	-0.01
7) Phenol-d6	6.475	99	647766	98.82	ng	-0.02
23) Nitrobenzene-d5	7.398	82	463657	98.86	ng	-0.04
41) 2,4,6-Tribromophenol	10.651	330	121804	139.11	ng	-0.05
44) 2-Fluorobiphenyl	9.181	172	783183	122.18	ng	-0.05
78) Terphenyl-d14	12.933	244	648827	81.65	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.604	77	12438	3.27	ng	Qvalue 86
19) n-Nitroso-di-n-propyla...	7.398	70	57742	13.80	ng	# 71
25) Isophorone	7.398	82	463650	47.81	ng	# 64
50) 2,6-Dinitrotoluene	9.863	165	13412	7.63	ng	# 24
56) 2,4-Dinitrotoluene	9.863	165	13412	5.88	ng	# 21
66) 4-Bromophenyl-phenylether	10.651	248	8270	4.95	ng	# 1

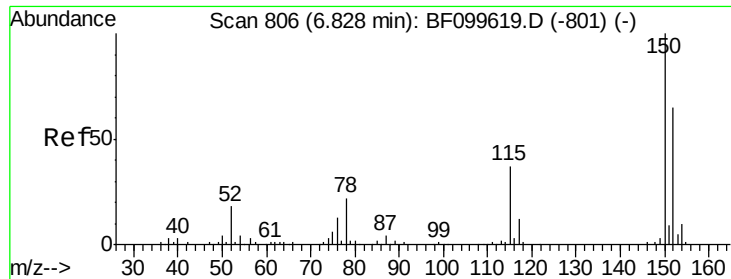
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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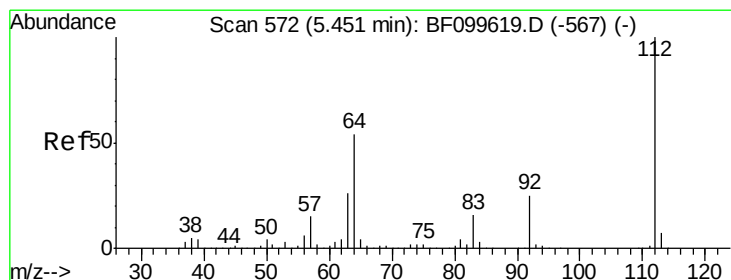
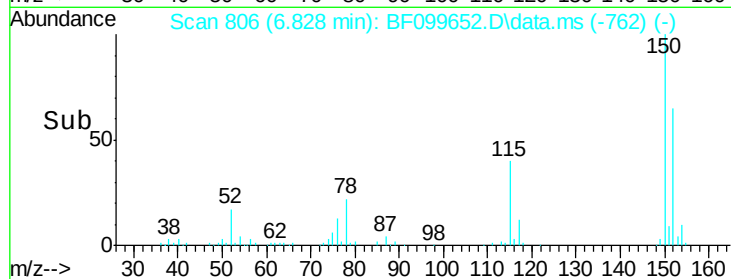
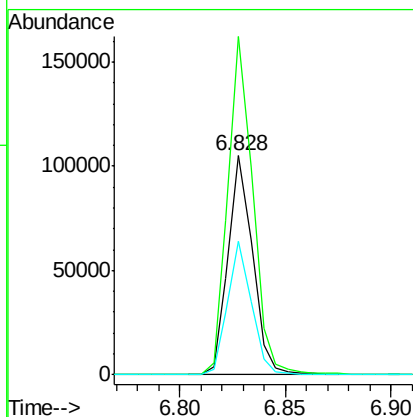
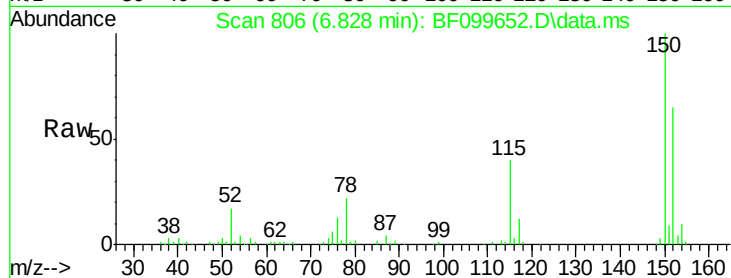




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.041 min
 Lab File: BF099652.D
 Acq: 19 Oct 2017 8:16

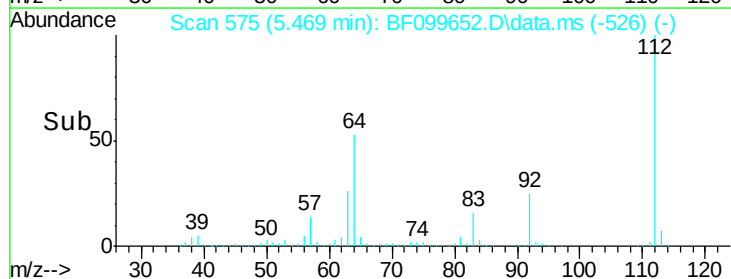
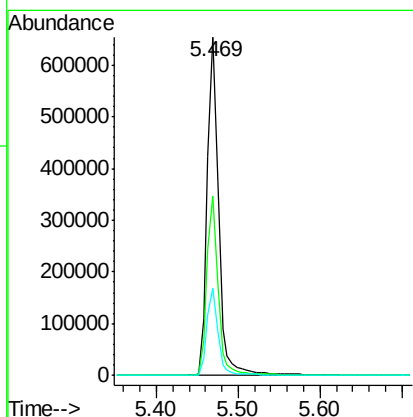
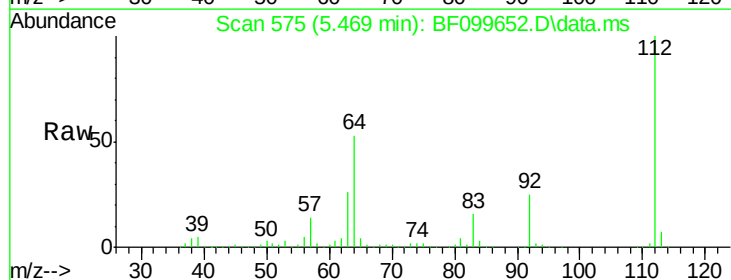
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP

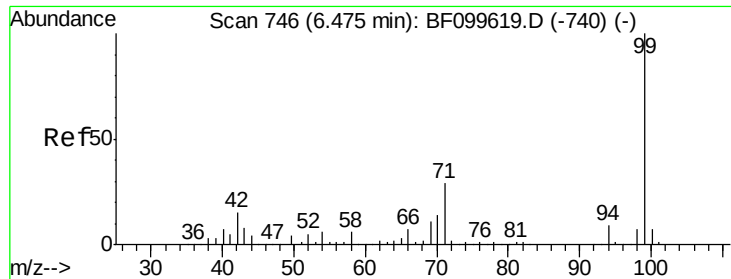
Tot Ion:152 Resp: 84587
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.6 186.8
 115 61.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 119.45 ng
 RT: 5.469 min Scan# 575
 Delta R.T. -0.012 min
 Lab File: BF099652.D
 Acq: 19 Oct 2017 8:16

Tgt Ion:112 Resp: 634729
 Ion Ratio Lower Upper
 112 100
 64 52.9 47.9 71.9
 63 25.9 23.7 35.5





#7

Phenol-d6

Concen: 98.82 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.023 min

Lab File: BF099652.D

Acq: 19 Oct 2017 8:16

Instrument :

BNA_F

ClientSampleId :

RO-COMP

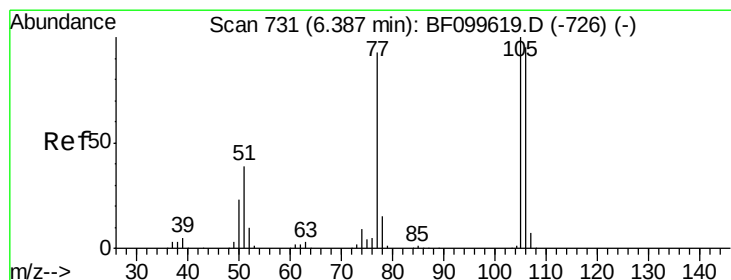
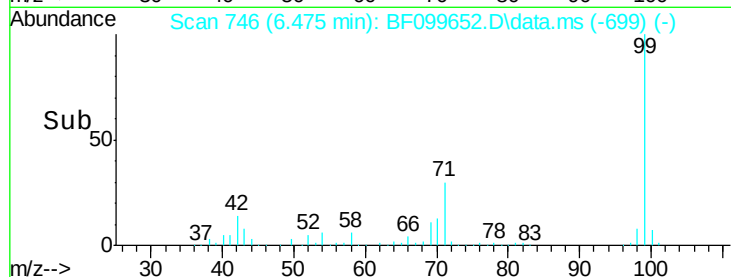
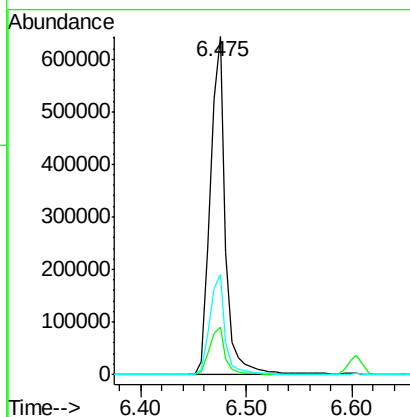
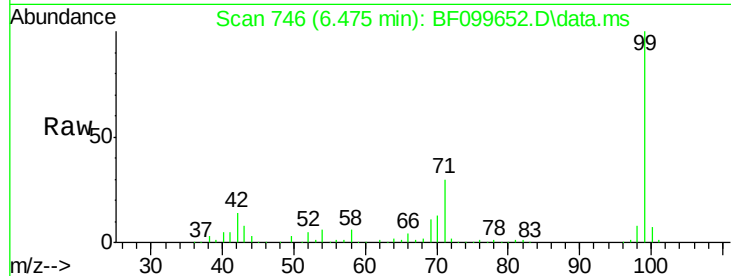
Tot Ion: 99 Resp: 647766

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

71 29.5 25.4 38.0



#9

Benzaldehyde

Concen: 3.27 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.182 min

Lab File: BF099652.D

Acq: 19 Oct 2017 8:16

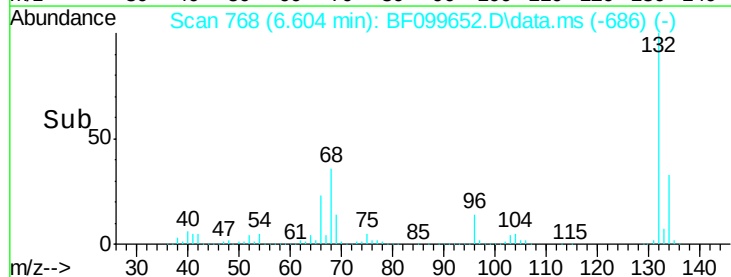
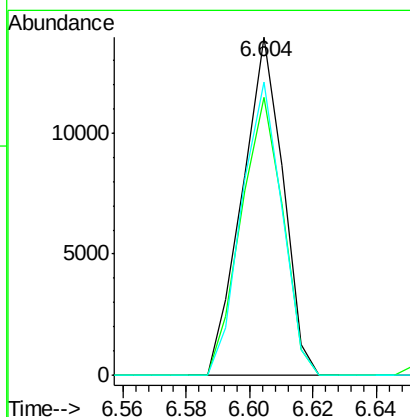
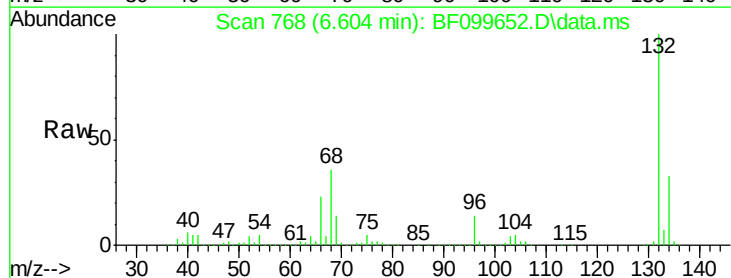
Tgt Ion: 77 Resp: 12438

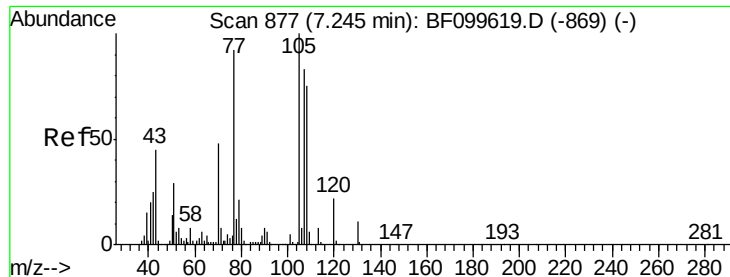
Ion Ratio Lower Upper

77 100

105 82.3 81.1 121.1

106 86.6 74.5 114.5

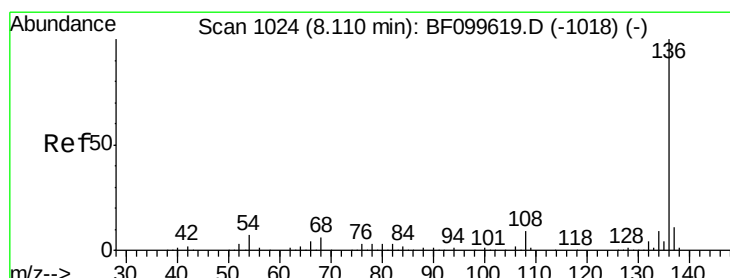
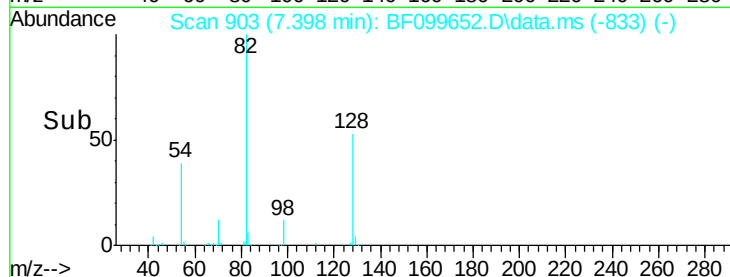
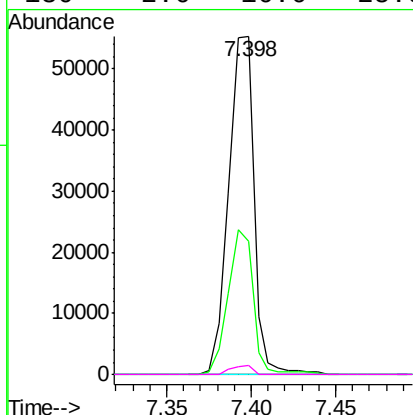
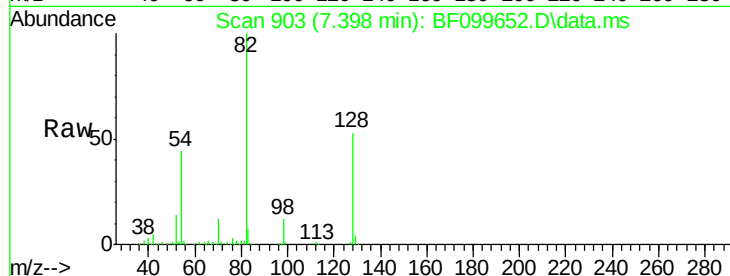




#19
n-Nitroso-di-n-propylamine
Concen: 13.80 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.112 min
Lab File: BF099652.D
Acq: 19 Oct 2017 8:16

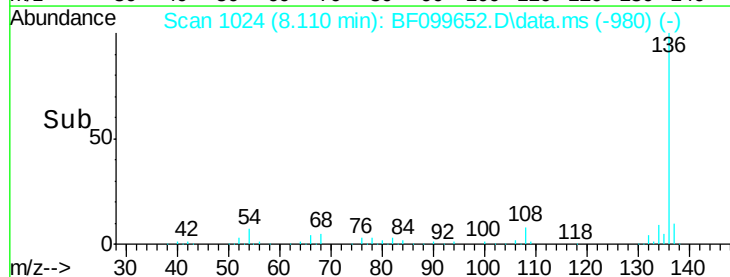
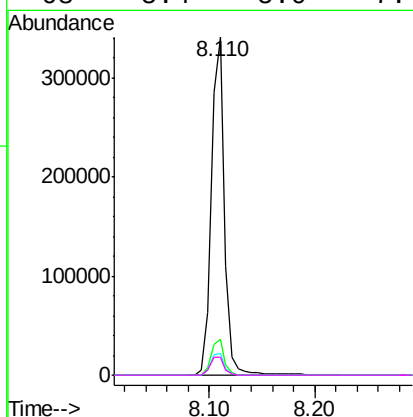
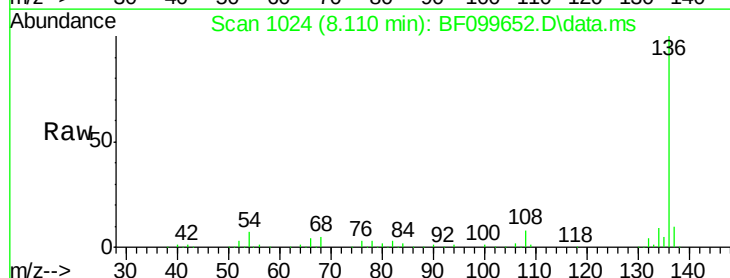
Instrument :
BNA_F
ClientSampleId :
RO-COMP

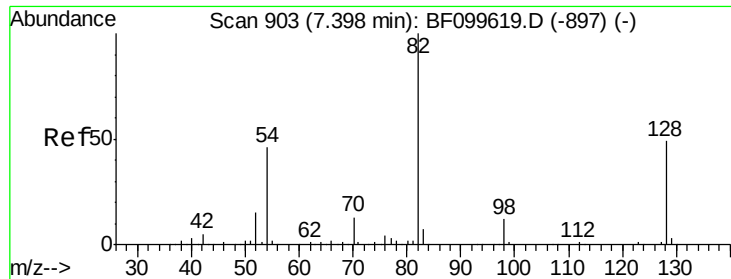
Tot Ion: 70 Resp: 57742
Ion Ratio Lower Upper
70 100
42 39.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.041 min
Lab File: BF099652.D
Acq: 19 Oct 2017 8:16

Tgt Ion: 136 Resp: 300786
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.6 6.6 9.8
68 5.4 5.0 7.4

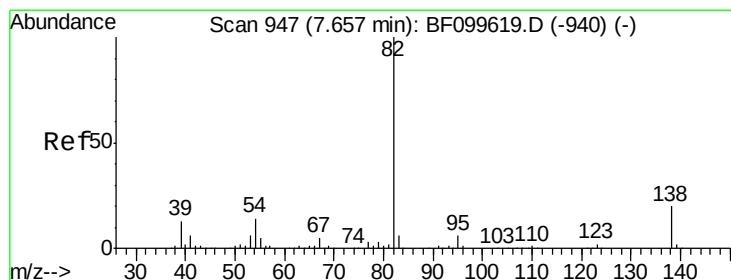
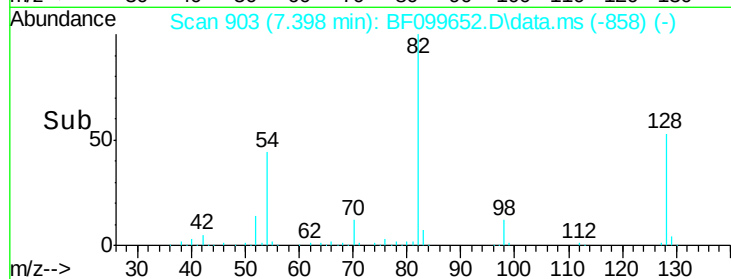
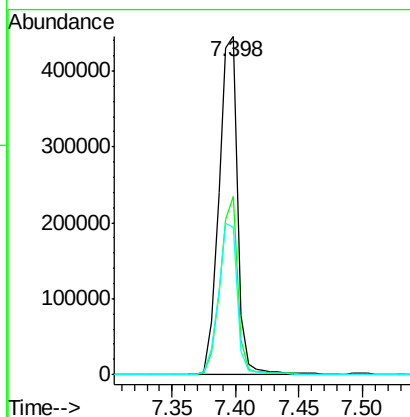
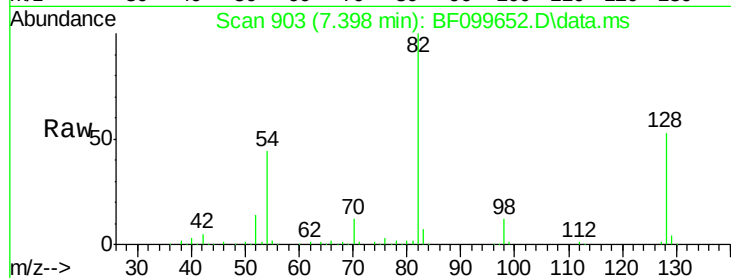




#23
Nitrobenzene-d5
Concen: 98.86 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.035 min
Lab File: BF099652.D
Acq: 19 Oct 2017 8:16

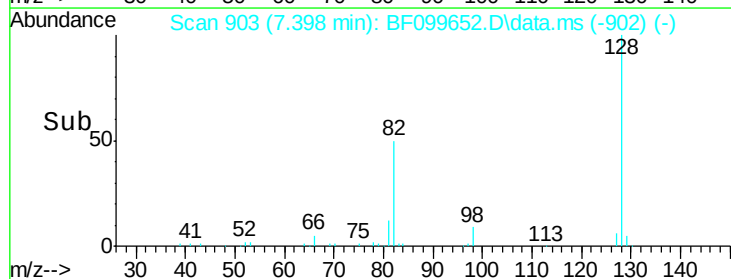
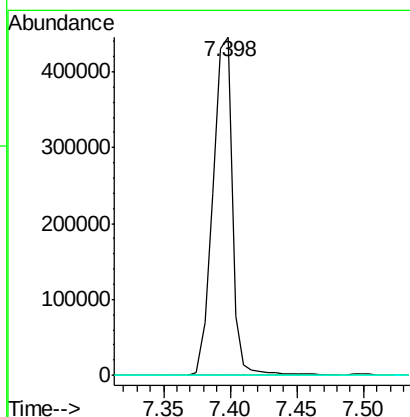
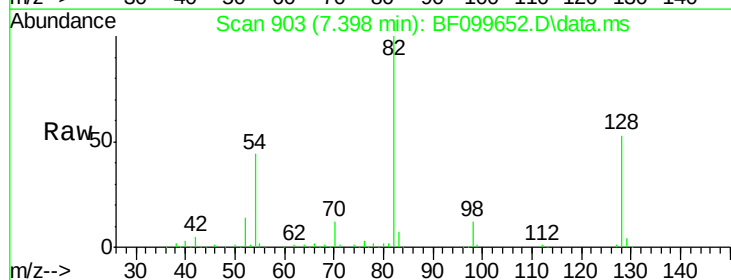
Instrument :
BNA_F
ClientSampleId :
RO-COMP

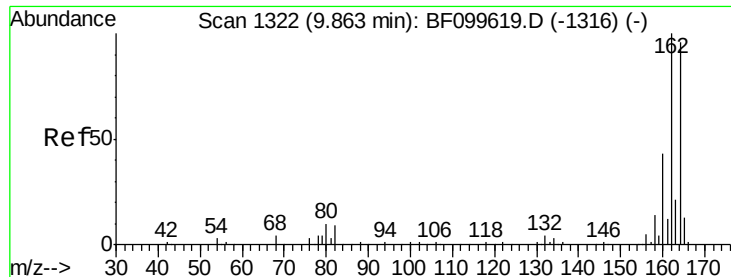
Tot Ion	82	Resp	463657
Ion Ratio	Lower	Upper	
82	100		
128	52.6	36.1	54.1
54	43.6	41.4	62.2



#25
Isophorone
Concen: 47.81 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.294 min
Lab File: BF099652.D
Acq: 19 Oct 2017 8:16

Tgt Ion	82	Resp	463650
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# 131

Delta R.T. -0.041 min

Lab File: BF099652.D

Acq: 19 Oct 2017 8:16

Instrument :

BNA_F

ClientSampleId :

RO-COMP

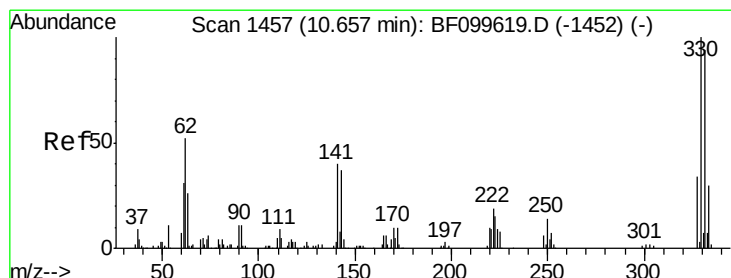
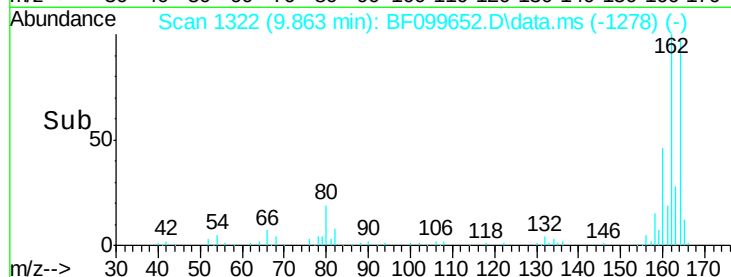
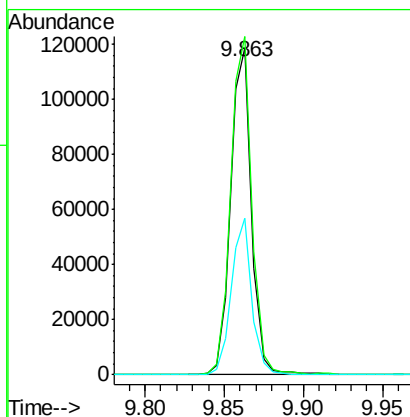
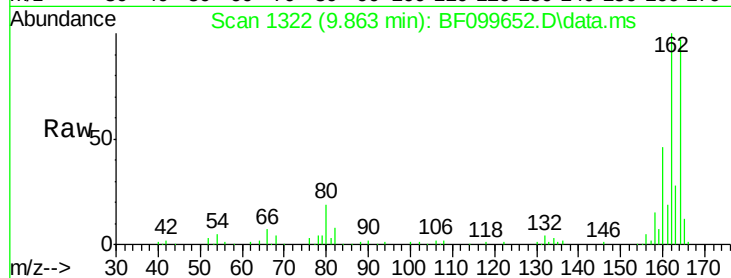
Tot Ion:164 Resp: 107008

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

160 47.8 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 139.11 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.047 min

Lab File: BF099652.D

Acq: 19 Oct 2017 8:16

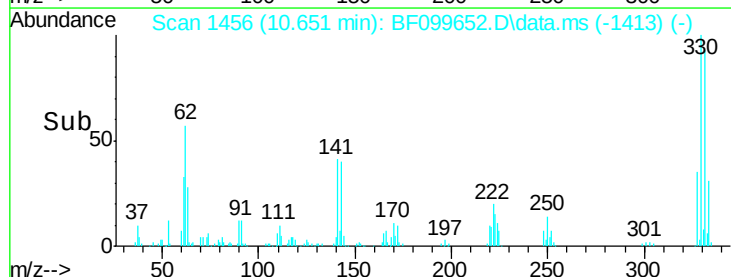
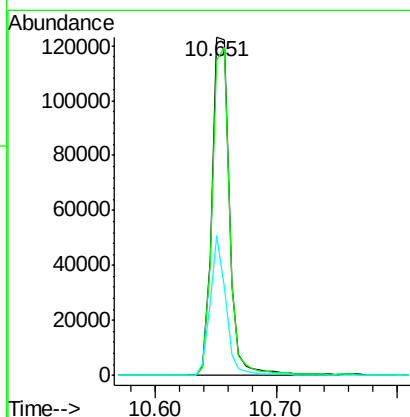
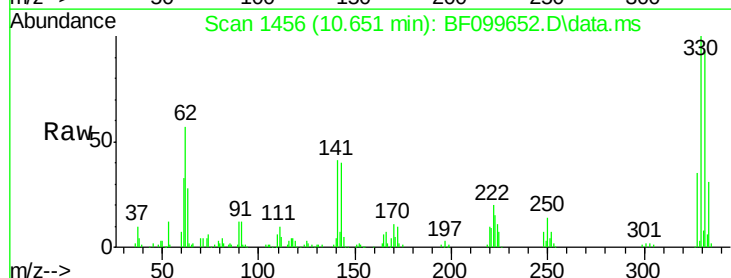
Tgt Ion:330 Resp: 121804

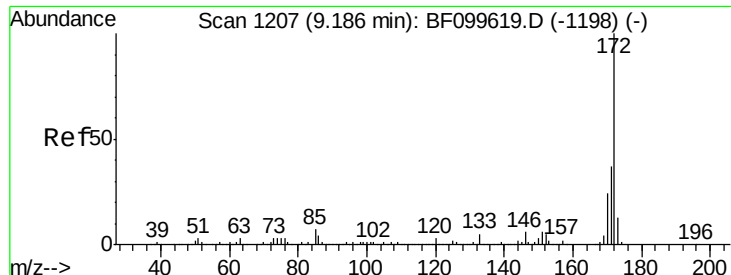
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 37.1 29.9 44.9

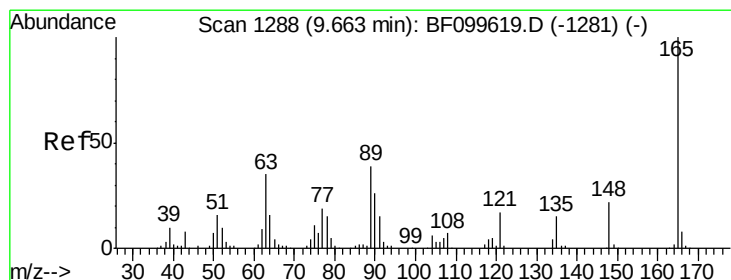
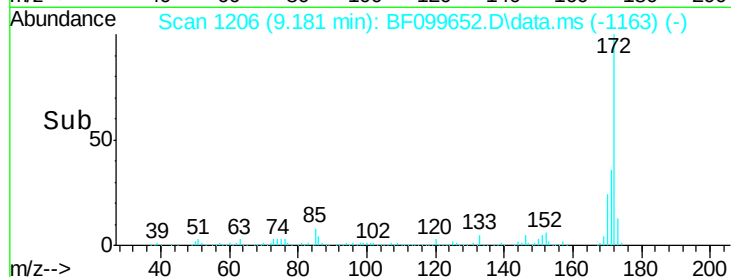
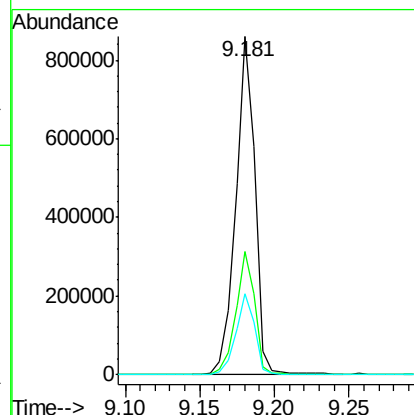
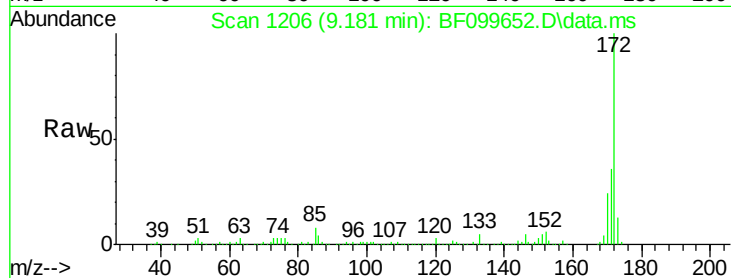




#44
2-Fluorobiphenyl
Concen: 122.18 ng
RT: 9.181 min Scan# 12
Delta R.T. -0.047 min
Lab File: BF099652.D
Acq: 19 Oct 2017 8:16

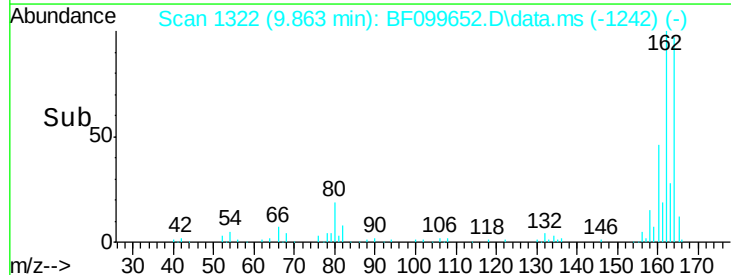
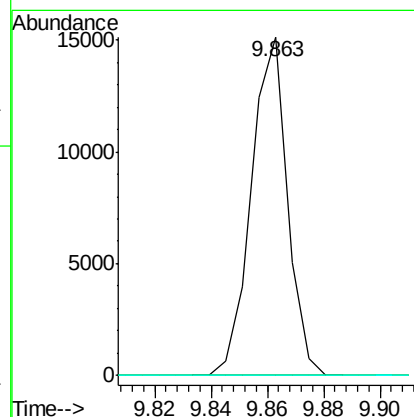
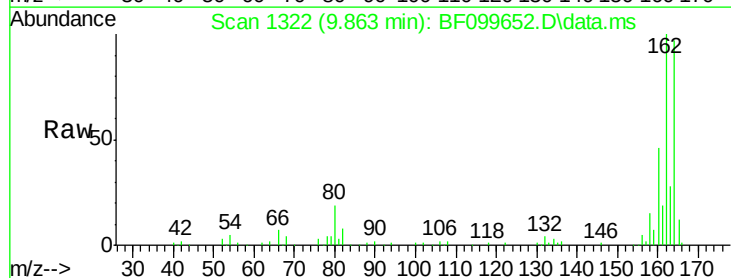
Instrument :
BNA_F
ClientSampleId :
RO-COMP

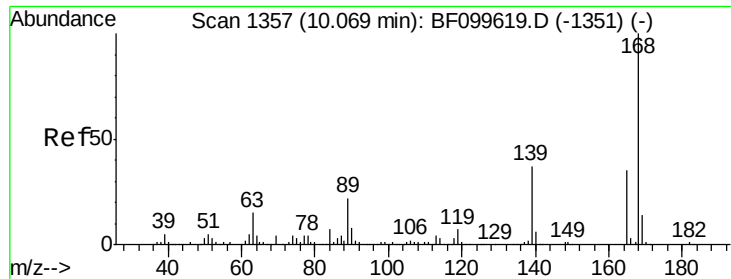
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



#50
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.171 min
Lab File: BF099652.D
Acq: 19 Oct 2017 8:16

Tgt 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: 5.88 ng

RT: 9.863 min Scan# 1357

Delta R.T. -0.235 min

Lab File: BF099652.D

Acq: 19 Oct 2017 8:16

Instrument :

BNA_F

ClientSampleId :

RO-COMP

Tot Ion:165 Resp: 13412

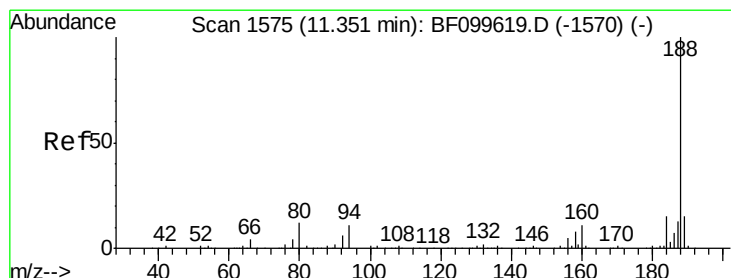
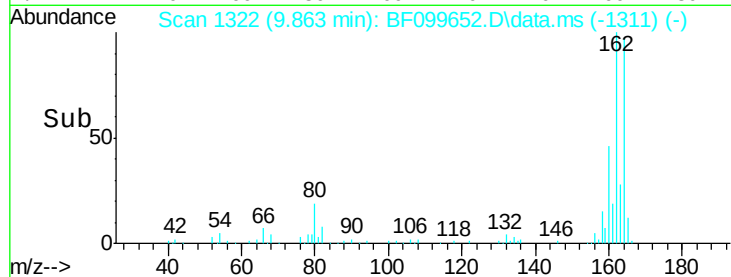
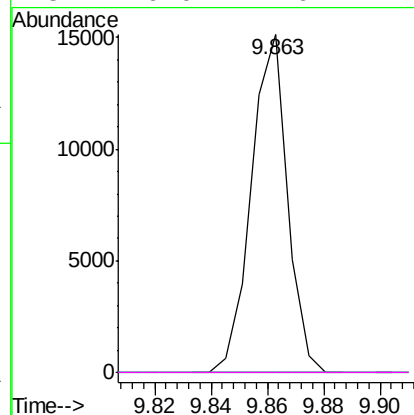
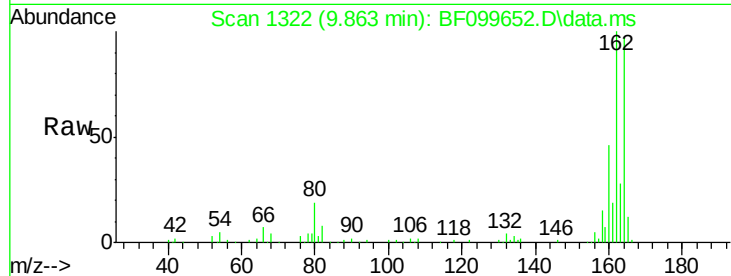
Ion Ratio Lower Upper

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: BF099652.D

Acq: 19 Oct 2017 8:16

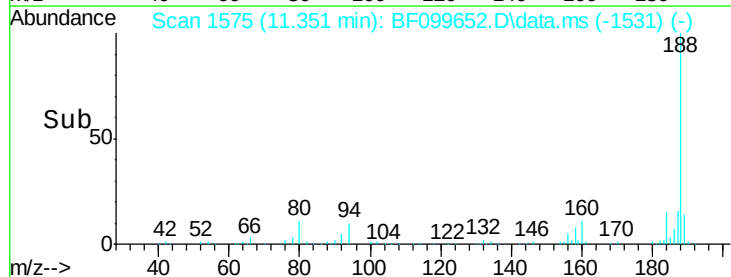
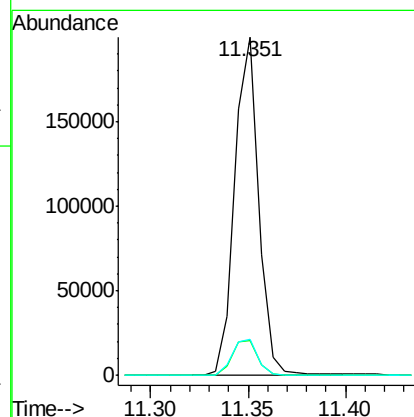
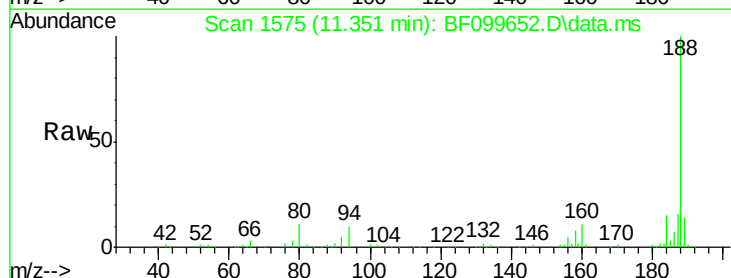
Tgt Ion:188 Resp: 170842

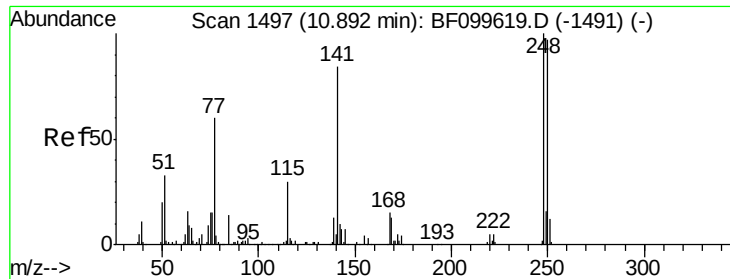
Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

80 10.8 9.2 13.8

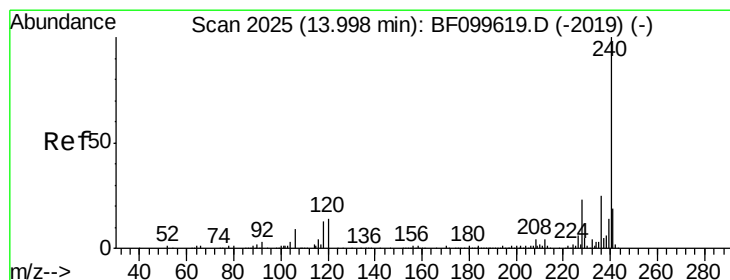
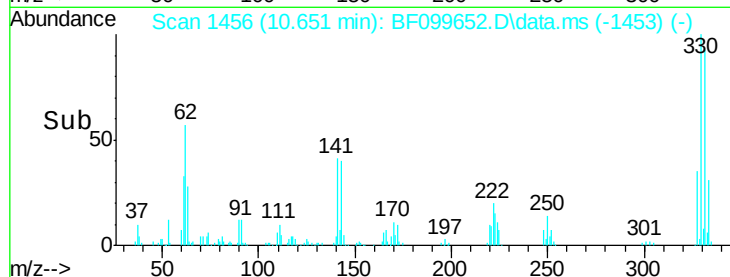
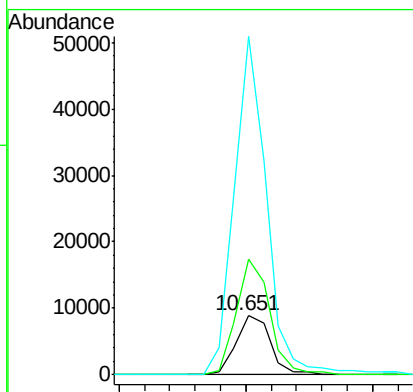
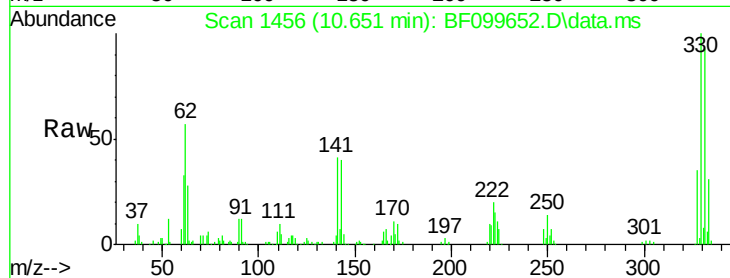




#66
4-Bromophenyl-phenylether
Concen: 4.95 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.282 min
Lab File: BF099652.D
Acq: 19 Oct 2017 8:16

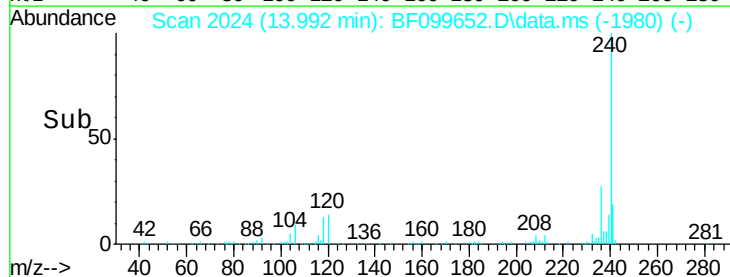
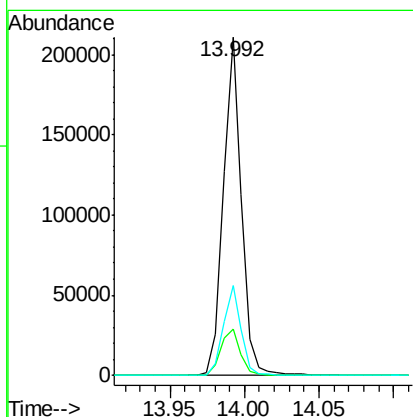
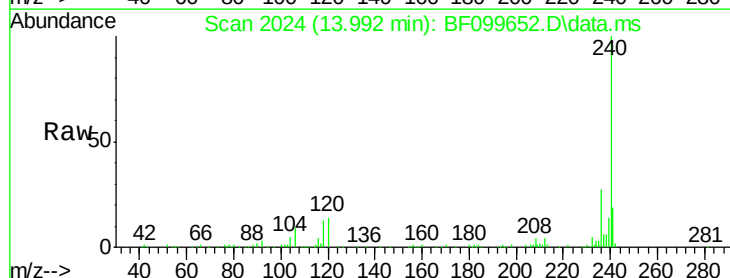
Instrument :
BNA_F
ClientSampleId :
RO-COMP

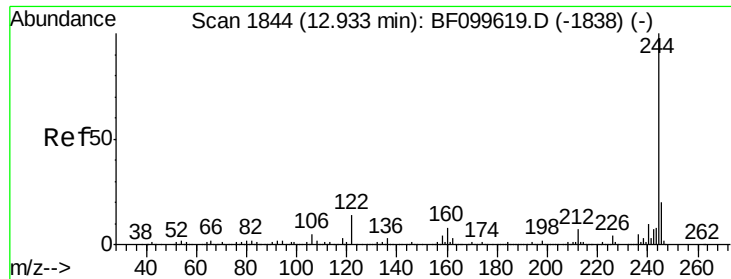
Tot Ion:248 Resp: 8270
Ion Ratio Lower Upper
248 100
250 195.6 76.9 115.3#
141 575.3 74.4 111.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.041 min
Lab File: BF099652.D
Acq: 19 Oct 2017 8:16

Tgt Ion:240 Resp: 180708
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 81.65 ng

RT: 12.933 min Scan# 18

Delta R.T. -0.041 min

Lab File: BF099652.D

Acq: 19 Oct 2017 8:16

Instrument :

BNA_F

ClientSampleId :

RO-COMP

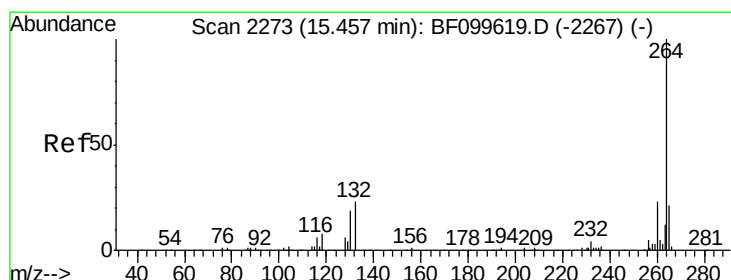
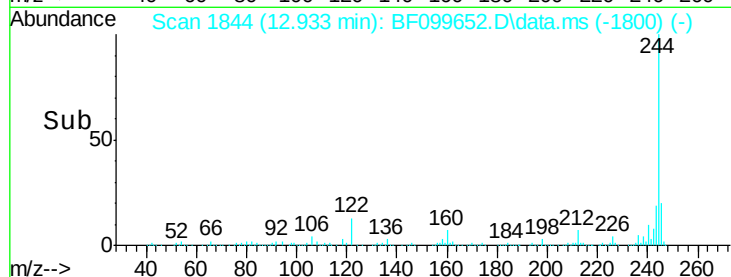
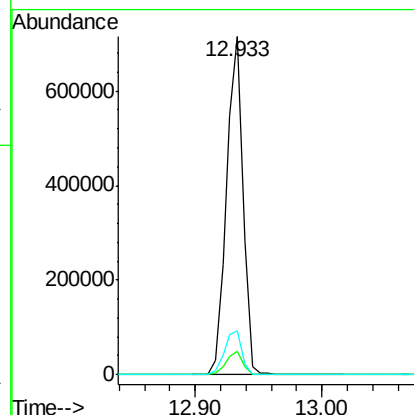
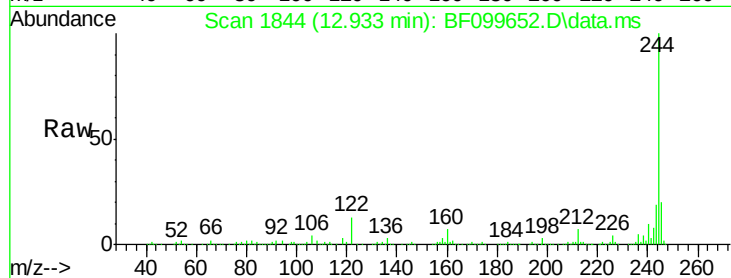
Tot Ion:244 Resp: 648827

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 12.8 11.0 16.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.047 min

Lab File: BF099652.D

Acq: 19 Oct 2017 8:16

Tgt Ion:264 Resp: 143043

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.8 17.5 26.3

