

Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
 Data File : BF099646.D
 Acq On : 19 Oct 2017 5:31
 Operator : SJ/JU
 Sample : I5929-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Quant Time: Oct 19 10:22:53 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

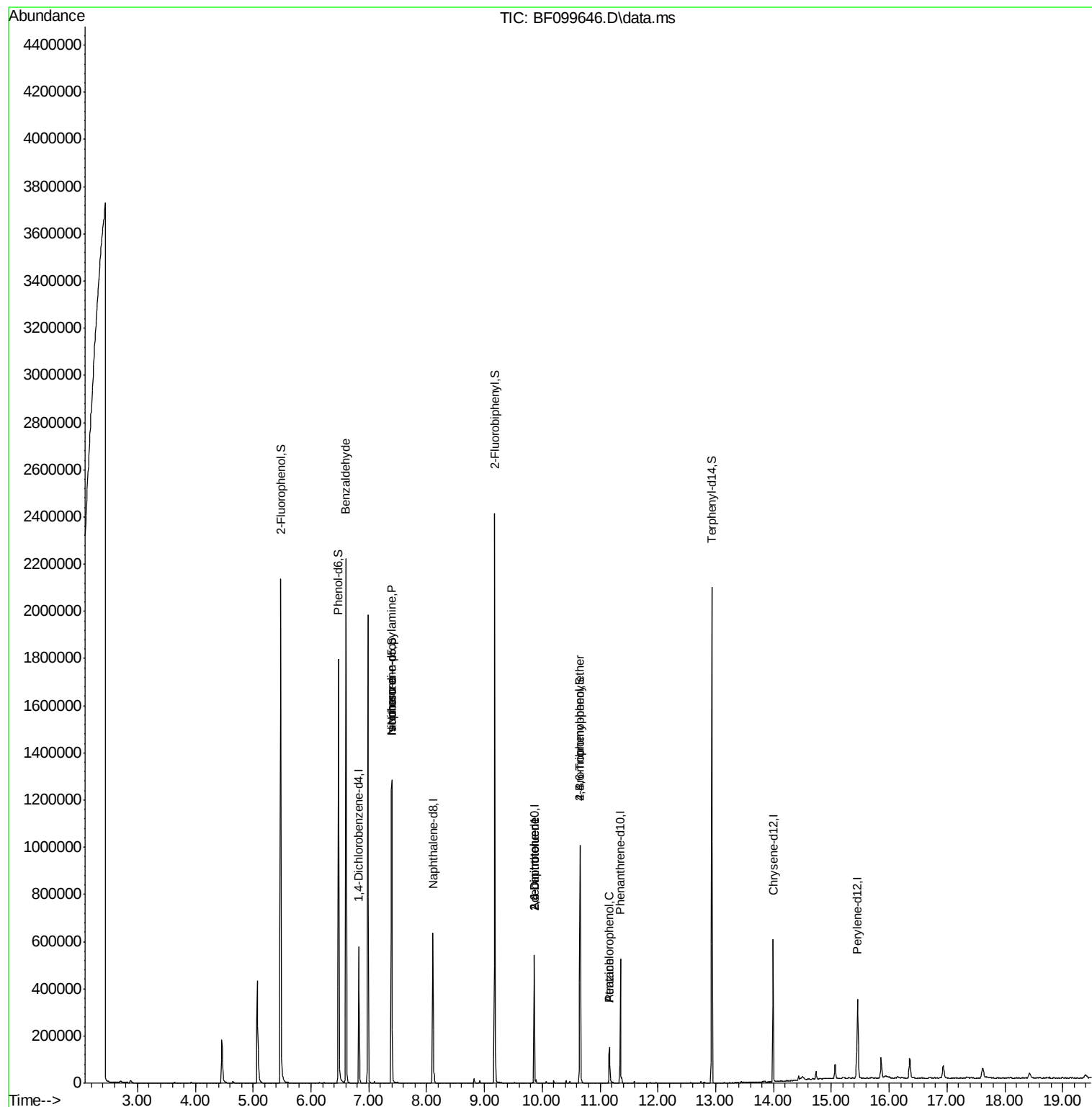
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.828	152	85080	20.00	ng	-0.04
21) Naphthalene-d8	8.110	136	299759	20.00	ng	-0.04
38) Acenaphthene-d10	9.863	164	106722	20.00	ng	-0.04
63) Phenanthrene-d10	11.351	188	176107	20.00	ng	-0.04
75) Chrysene-d12	13.992	240	182376	20.00	ng	-0.04
86) Perylene-d12	15.457	264	139719	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	682415	127.68	ng	0.00
7) Phenol-d6	6.475	99	726596	110.21	ng	-0.02
23) Nitrobenzene-d5	7.398	82	466116	99.72	ng	-0.04
41) 2,4,6-Tribromophenol	10.657	330	129024	147.75	ng	-0.04
44) 2-Fluorobiphenyl	9.181	172	784051	122.65	ng	-0.05
78) Terphenyl-d14	12.933	244	666038	83.05	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.604	77	12773	3.34	ng	Qvalue 87
19) n-Nitroso-di-n-propyla...	7.398	70	58437	13.88	ng	# 70
25) Isophorone	7.398	82	466113	48.23	ng	# 64
50) 2,6-Dinitrotoluene	9.863	165	13255	7.56	ng	# 24
56) 2,4-Dinitrotoluene	9.863	165	13255	5.82	ng	# 21
66) 4-Bromophenyl-phenylether	10.657	248	8826	5.12	ng	# 1
68) Atrazine	11.163	200	4032	2.20	ng	# 37
69) Pentachlorophenol	11.163	266	21516	18.78	ng	98

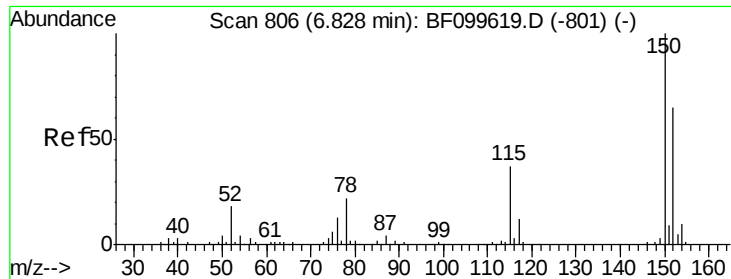
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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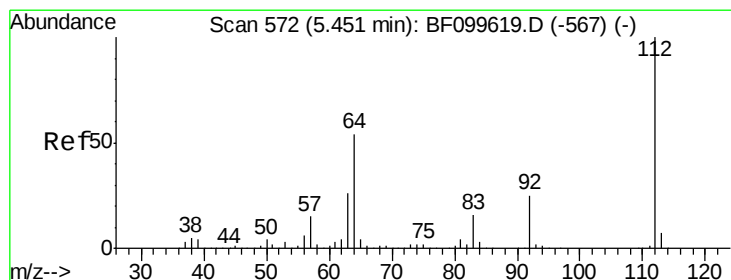
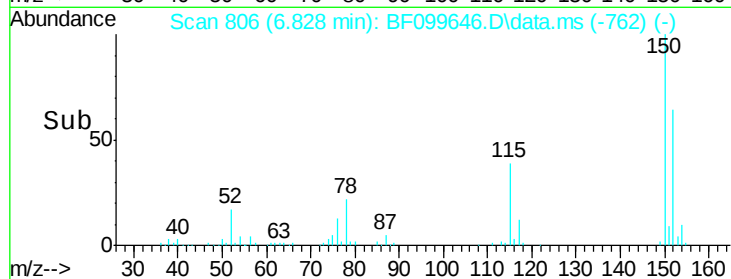
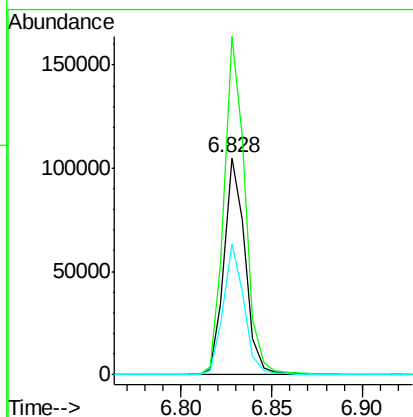
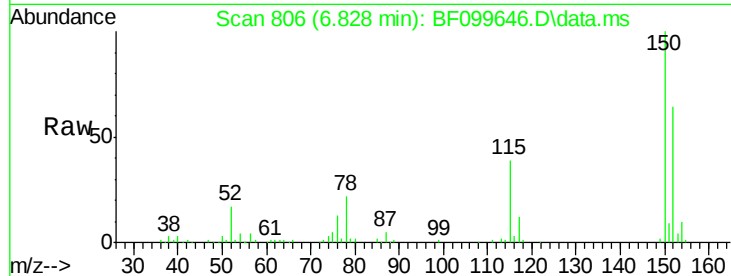




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.041 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

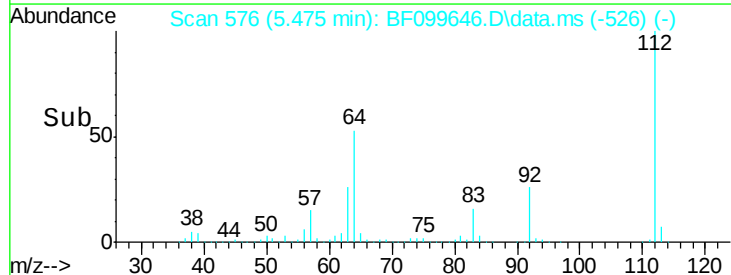
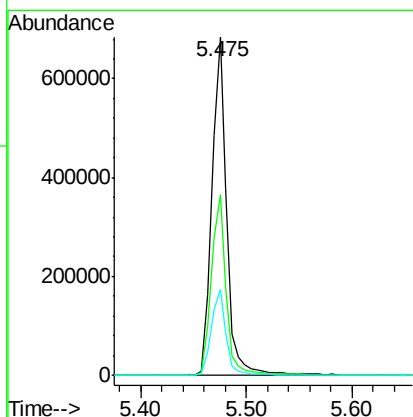
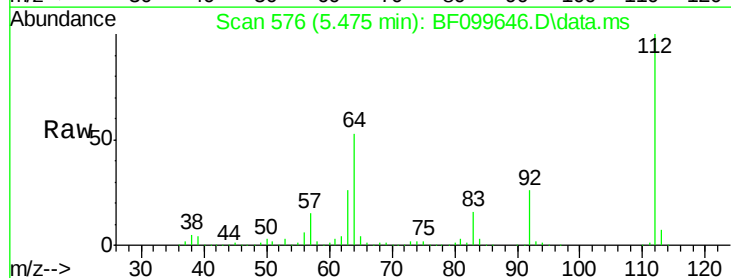
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

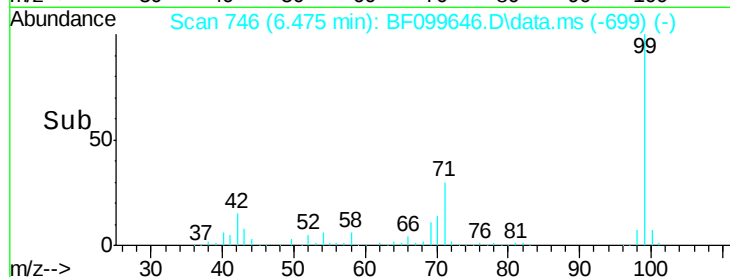
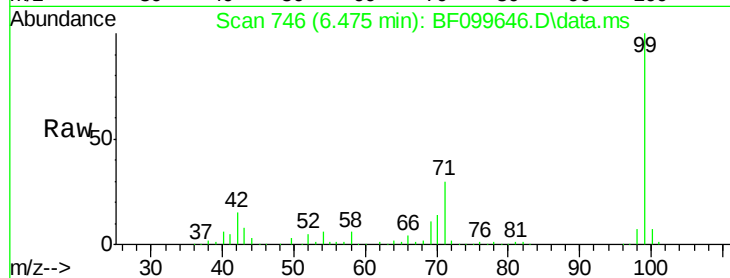
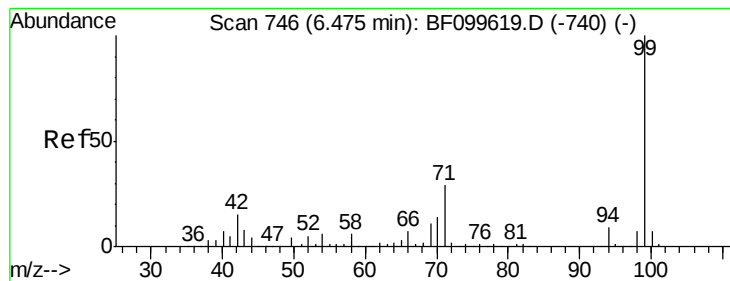
Tot Ion:152 Resp: 85080
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 60.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 127.68 ng
 RT: 5.475 min Scan# 576
 Delta R.T. -0.006 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

Tgt Ion:112 Resp: 682415
 Ion Ratio Lower Upper
 112 100
 64 53.4 47.9 71.9
 63 25.6 23.7 35.5





#7

Phenol-d6

Concen: 110.21 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.024 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

Instrument :

BNA_F

ClientSampleId :

TP-1-COMP

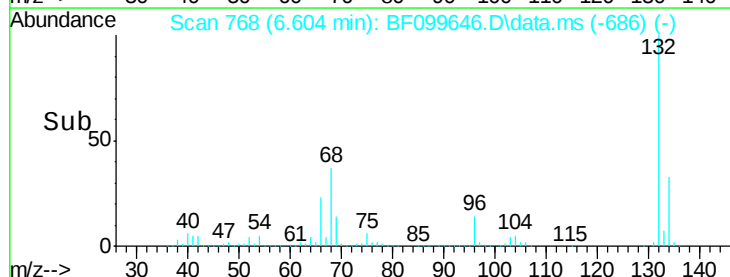
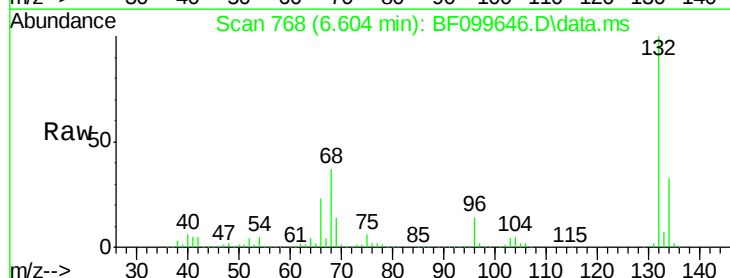
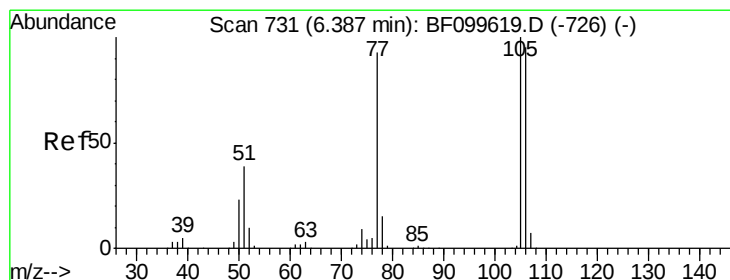
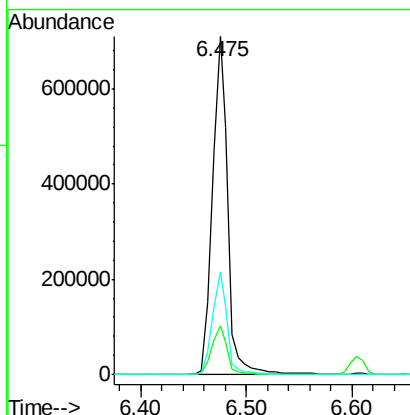
Tot Ion: 99 Resp: 726596

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

71 30.4 25.4 38.0



#9

Benzaldehyde

Concen: 3.34 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.182 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

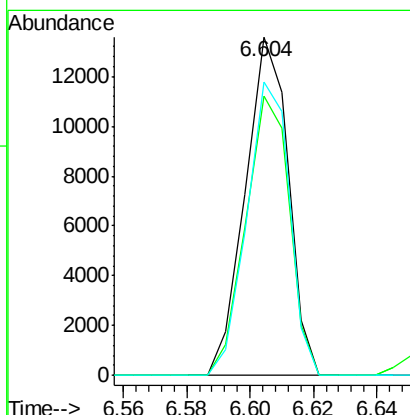
Tgt Ion: 77 Resp: 12773

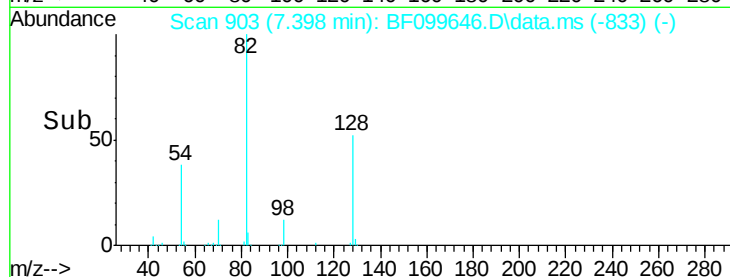
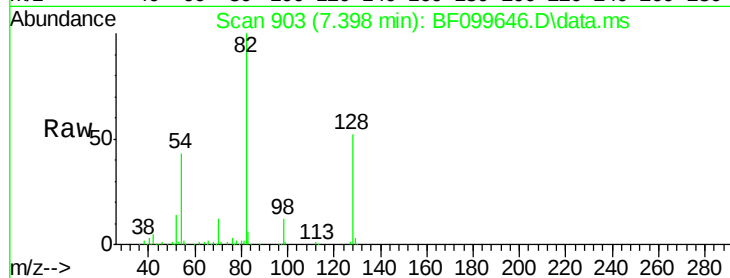
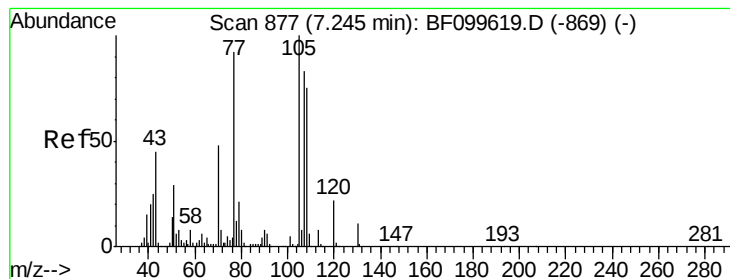
Ion Ratio Lower Upper

77 100

105 82.5 81.1 121.1

106 86.7 74.5 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 13.88 ng

RT: 7.398 min Scan# 90

Delta R.T. 0.112 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

Instrument :

BNA_F

ClientSampleId :

TP-1-COMP

Tot Ion: 70 Resp: 58437

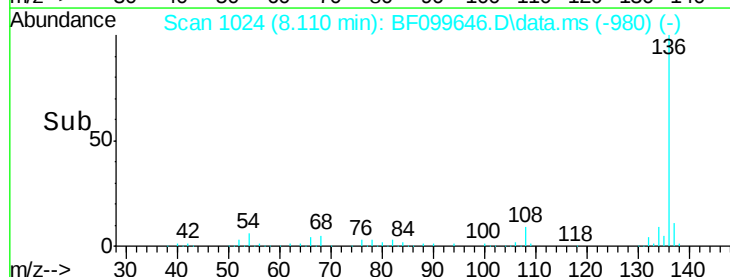
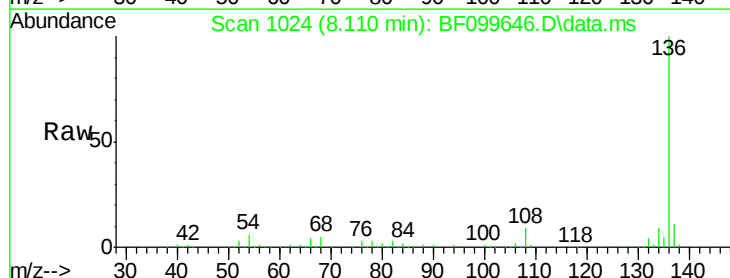
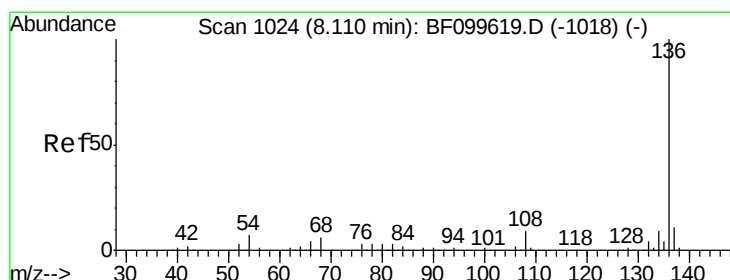
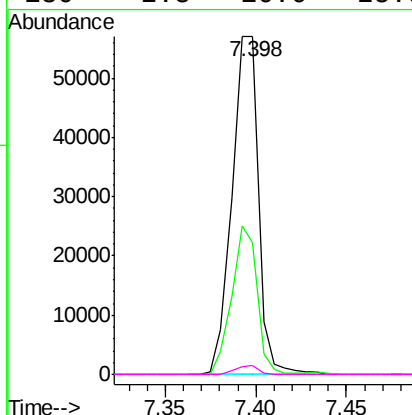
Ion Ratio Lower Upper

70 100

42 39.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 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: BF099646.D

Acq: 19 Oct 2017 5:31

Tgt Ion: 136 Resp: 299759

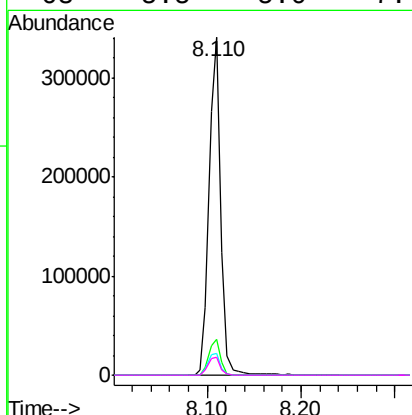
Ion Ratio Lower Upper

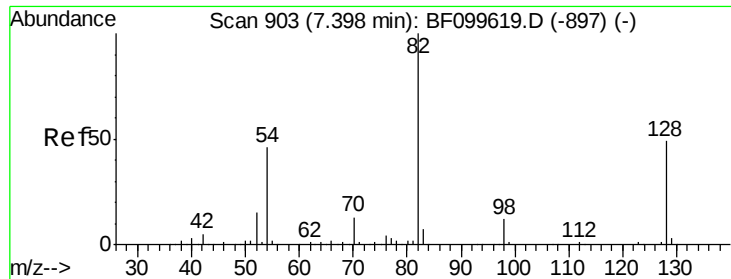
136 100

137 10.6 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4

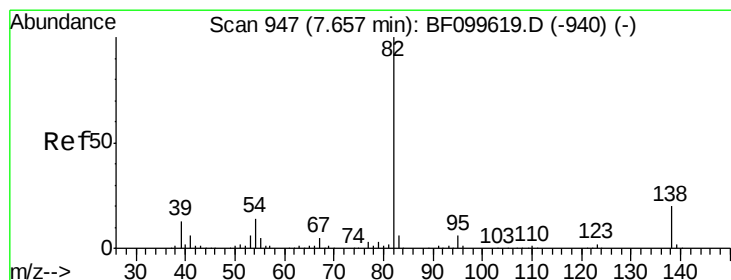
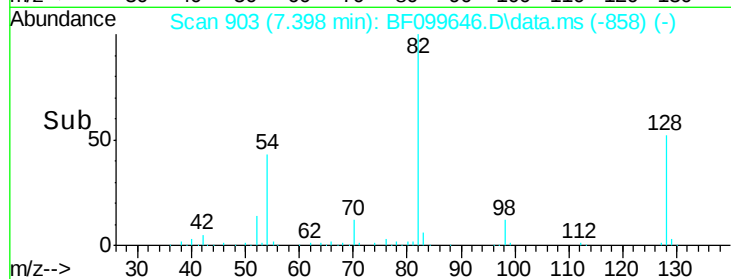
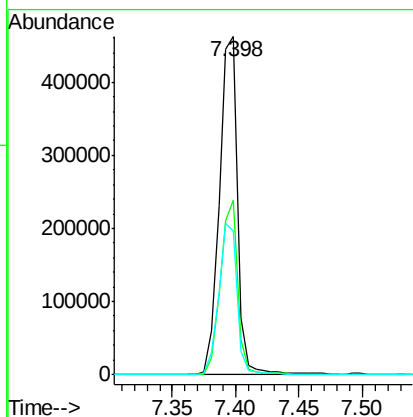
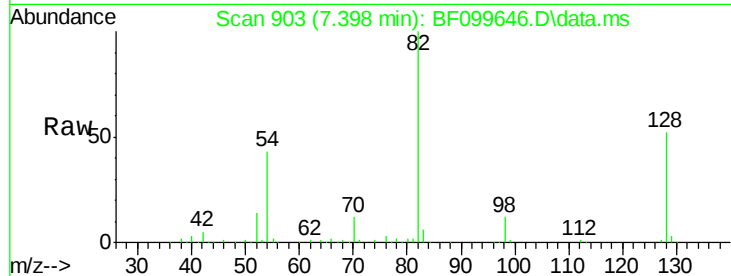




#23
Nitrobenzene-d5
Concen: 99.72 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.035 min
Lab File: BF099646.D
Acq: 19 Oct 2017 5:31

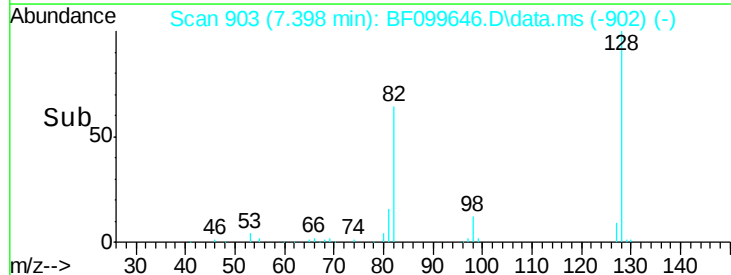
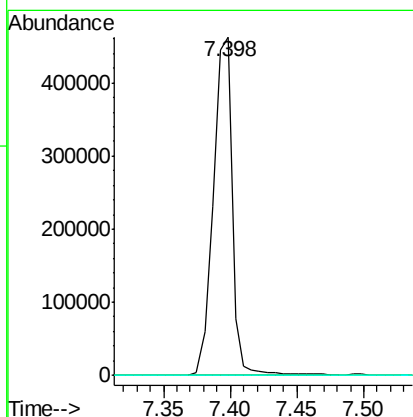
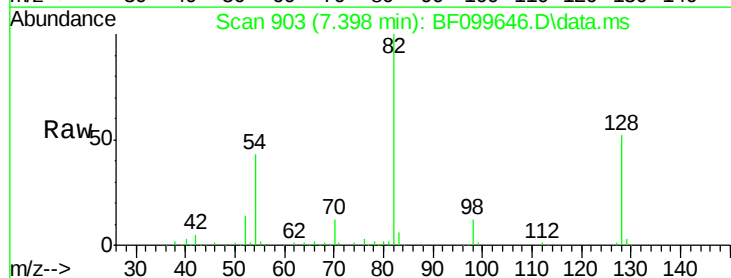
Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

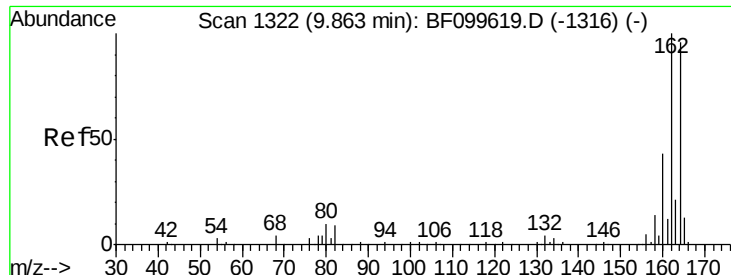
Tot Ion	82	Resp	466116
Ion Ratio	100	Lower	Upper
128	51.6	36.1	54.1
54	42.6	41.4	62.2



#25
Isophorone
Concen: 48.23 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.294 min
Lab File: BF099646.D
Acq: 19 Oct 2017 5:31

Tgt Ion	82	Resp	466113
Ion Ratio	100	Lower	Upper
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: BF099646.D

Acq: 19 Oct 2017 5:31

Instrument :

BNA_F

ClientSampleId :

TP-1-COMP

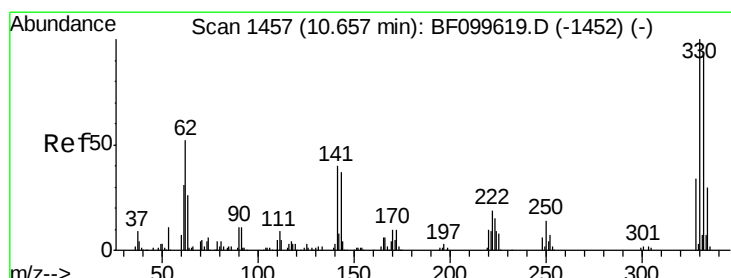
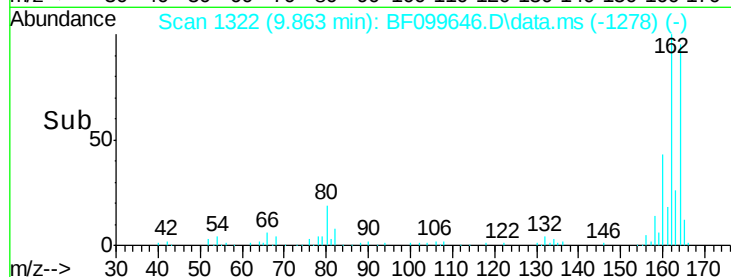
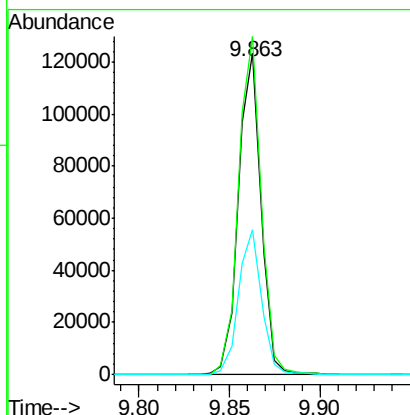
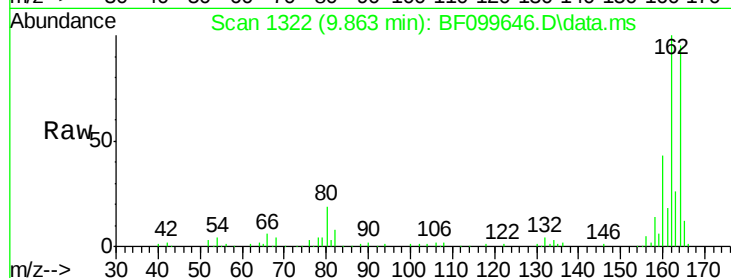
Tot Ion:164 Resp: 106722

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

160 45.1 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 147.75 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.041 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

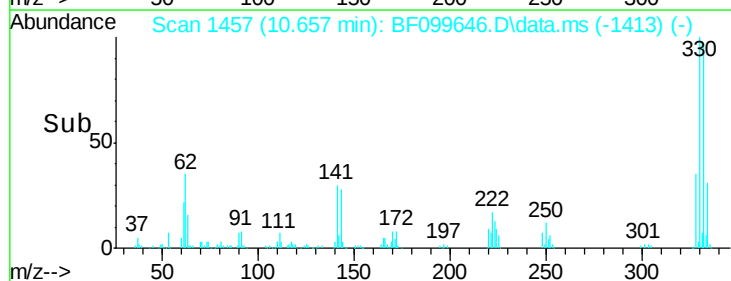
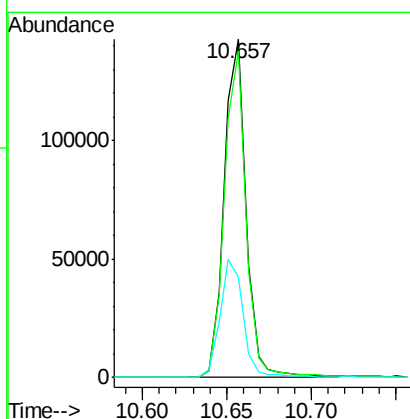
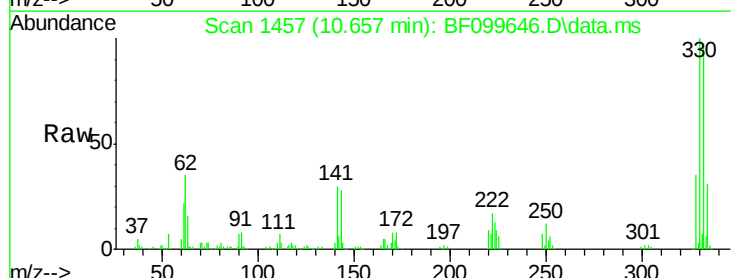
Tgt Ion:330 Resp: 129024

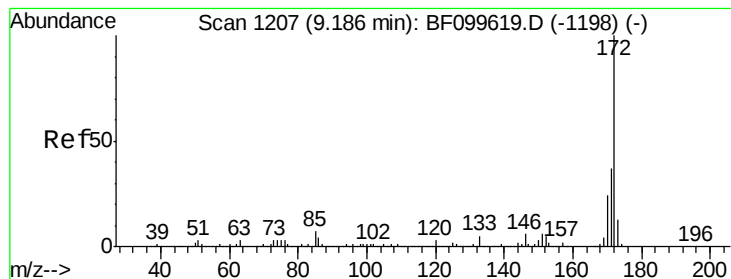
Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 36.9 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 122.65 ng

RT: 9.181 min Scan# 12

Delta R.T. -0.047 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

Instrument :

BNA_F

ClientSampleId :

TP-1-COMP

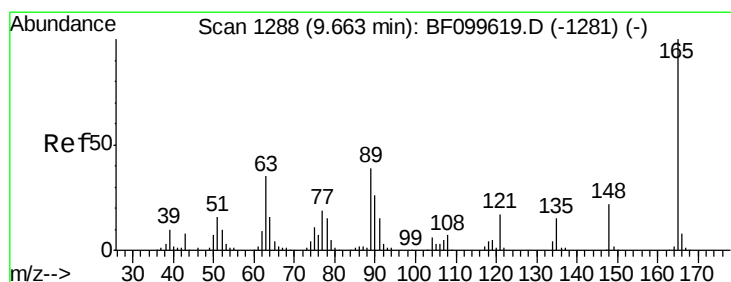
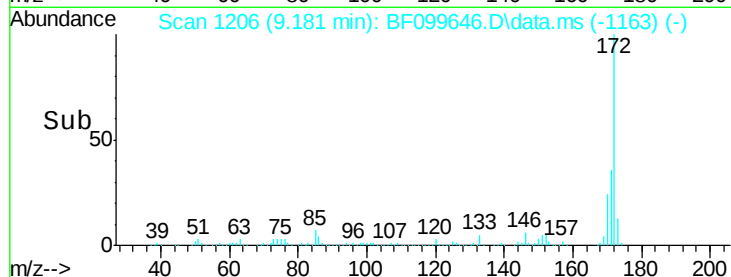
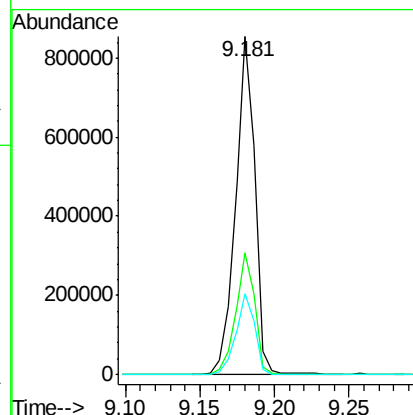
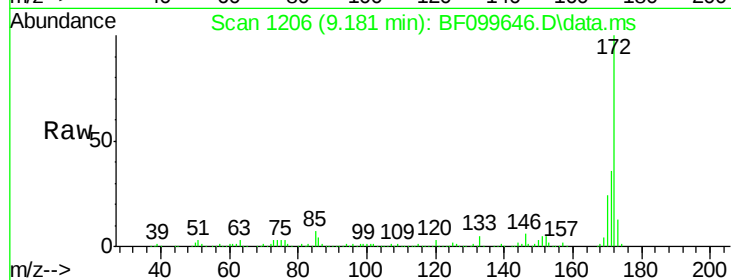
Tot Ion:172 Resp: 784051

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

170 24.0 19.6 29.4



#50

2,6-Dinitrotoluene

Concen: 7.56 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.171 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

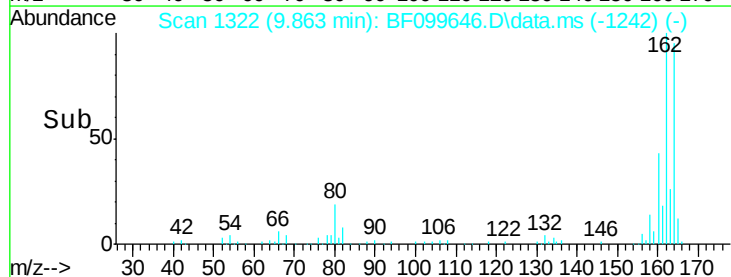
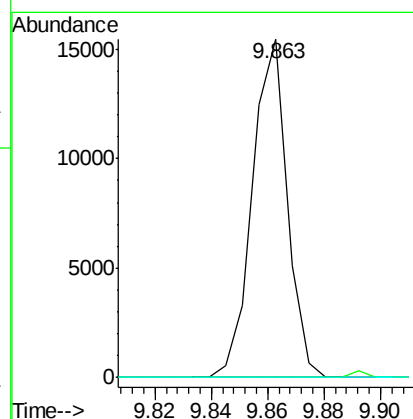
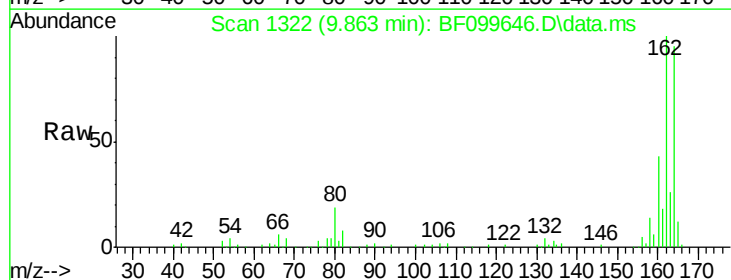
Tgt Ion:165 Resp: 13255

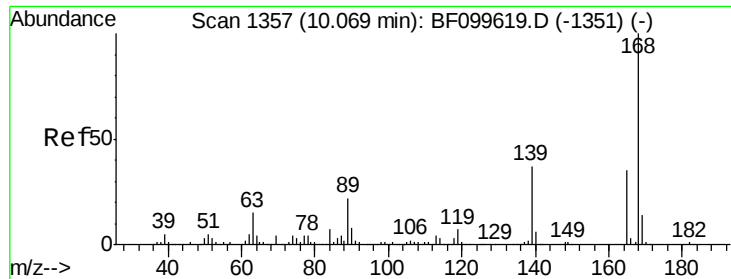
Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

89 0.0 44.0 66.0#

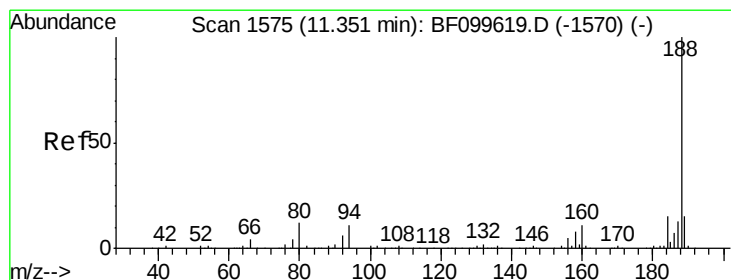
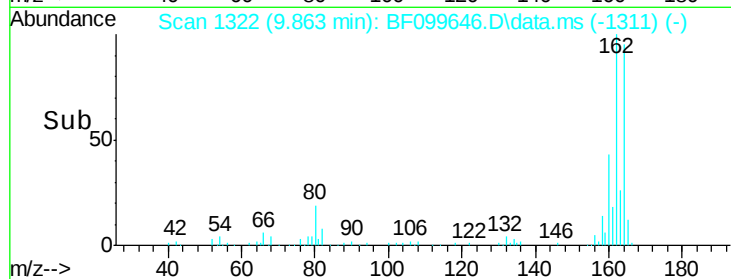
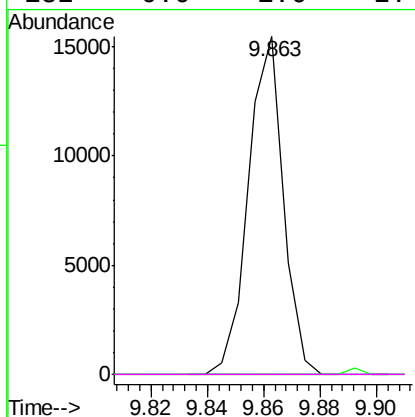
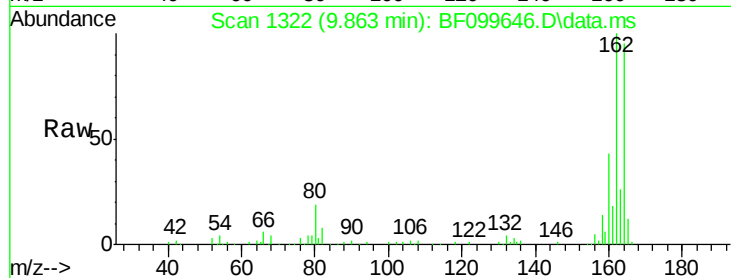




#56
 2,4-Dinitrotoluene
 Concen: 5.82 ng
 RT: 9.863 min Scan# 1357
 Delta R.T. -0.235 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

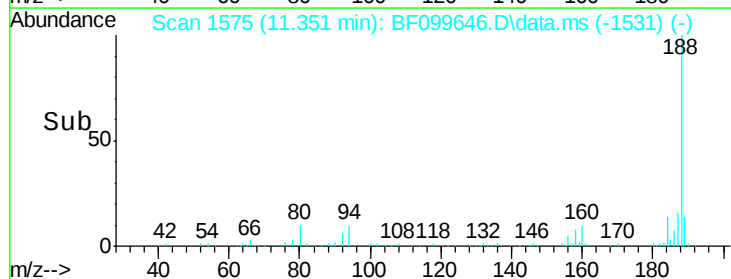
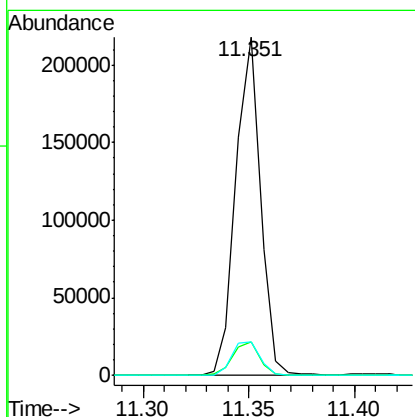
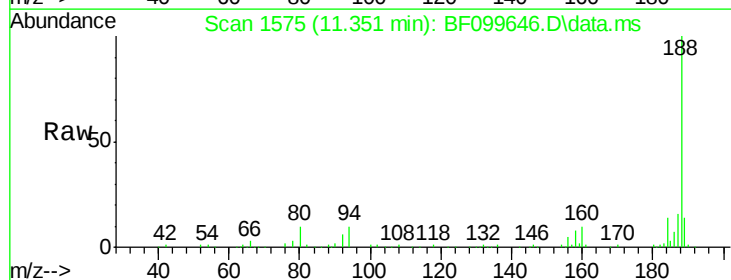
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

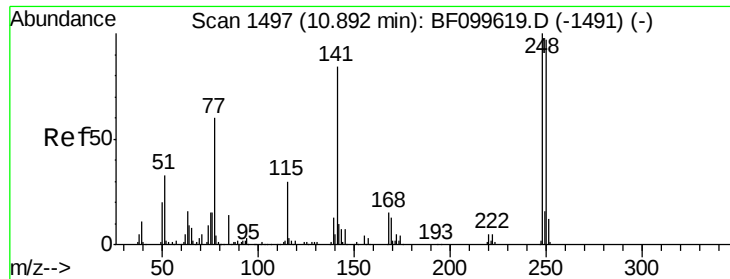
Tot Ion:	165	Resp:	13255
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.351 min Scan# 1575
 Delta R.T. -0.041 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

Tgt Ion:	188	Resp:	176107
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	9.7	9.2	13.8

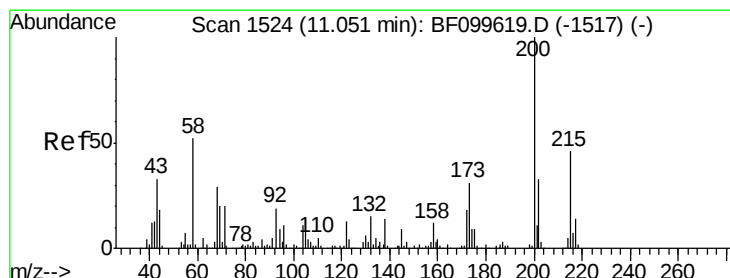
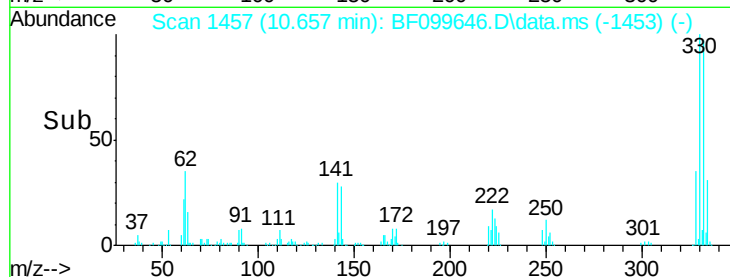
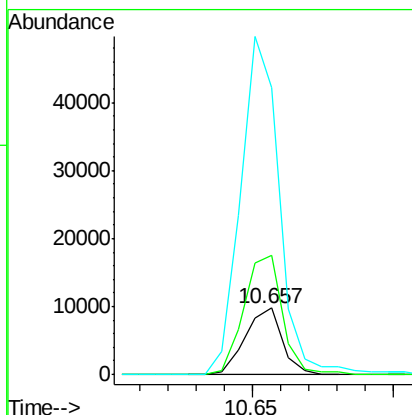
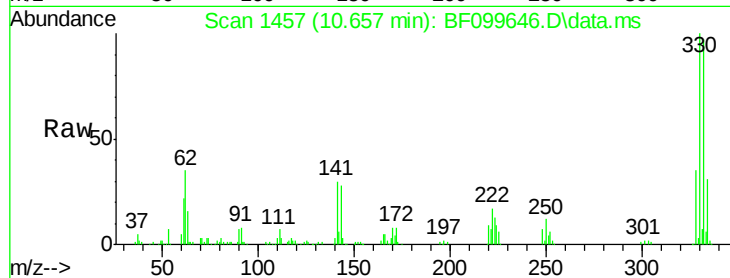




#66
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.276 min
Lab File: BF099646.D
Acq: 19 Oct 2017 5:31

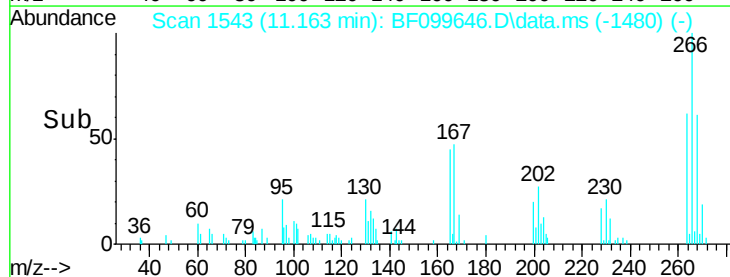
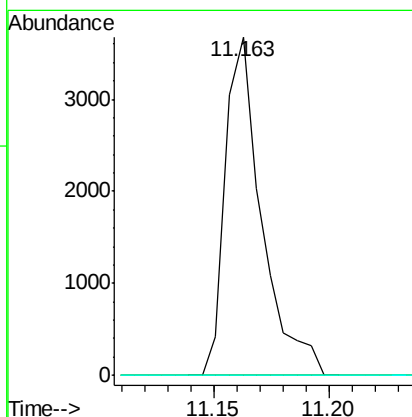
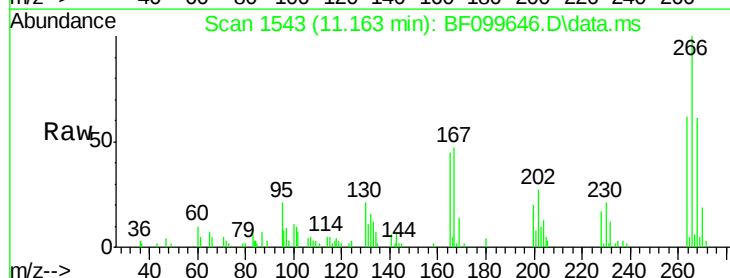
Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

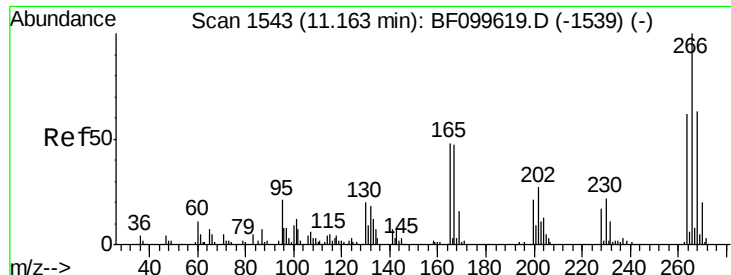
Tot Ion:248 Resp: 8826
Ion Ratio Lower Upper
248 100
250 180.3 76.9 115.3#
141 433.5 74.4 111.6#



#68
Atrazine
Concen: 2.20 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.071 min
Lab File: BF099646.D
Acq: 19 Oct 2017 5:31

Tgt Ion:200 Resp: 4032
Ion Ratio Lower Upper
200 100
173 0.0 8.6 48.6#
215 0.0 25.1 65.1#

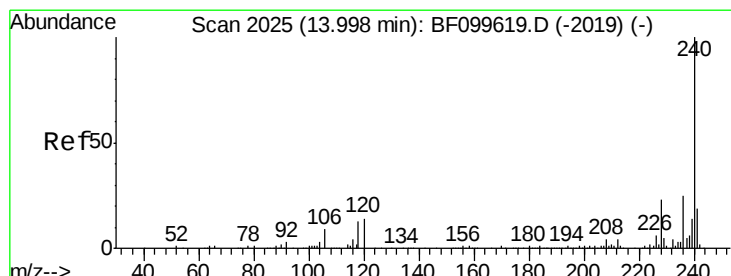
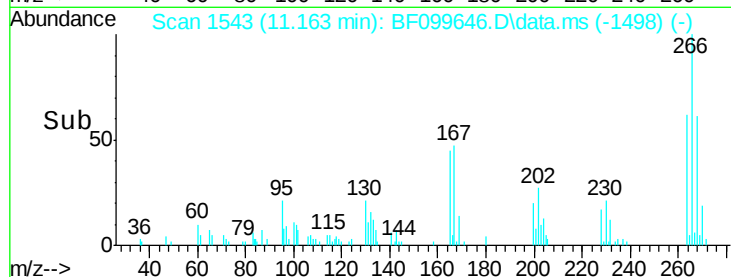
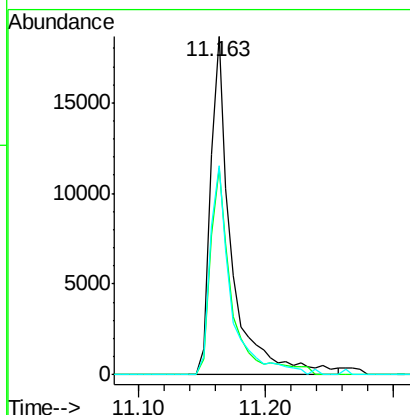
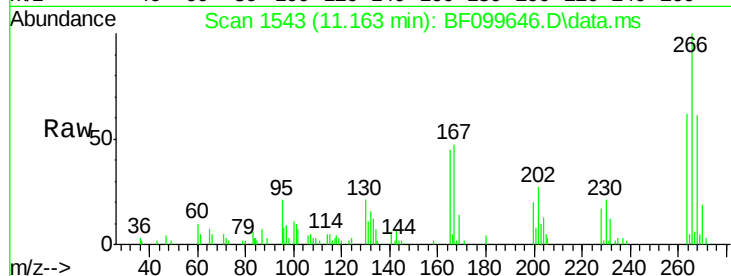




#69
 Pentachlorophenol
 Concen: 18.78 ng
 RT: 11.163 min Scan# 15
 Delta R.T. -0.035 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

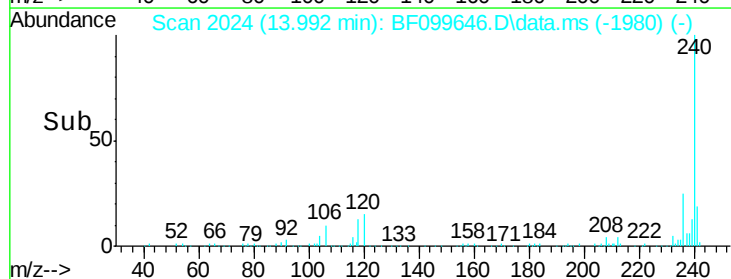
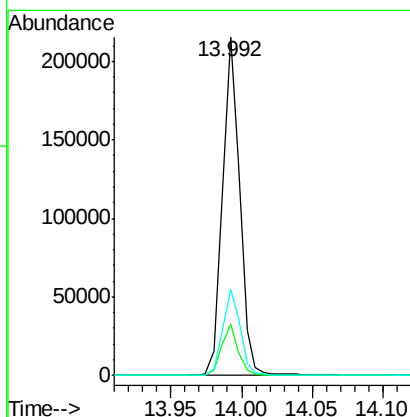
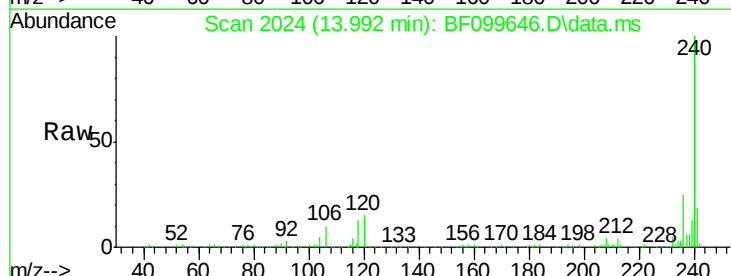
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

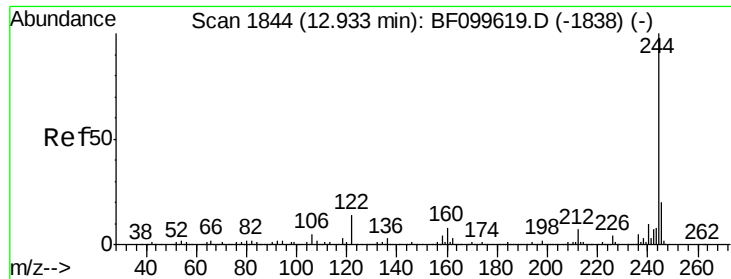
Tot Ion:266 Resp: 21516
 Ion Ratio Lower Upper
 266 100
 268 60.8 51.1 76.7
 264 61.7 49.5 74.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. -0.041 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

Tgt Ion:240 Resp: 182376
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 83.05 ng

RT: 12.933 min Scan# 18

Delta R.T. -0.041 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

Instrument :

BNA_F

ClientSampleId :

TP-1-COMP

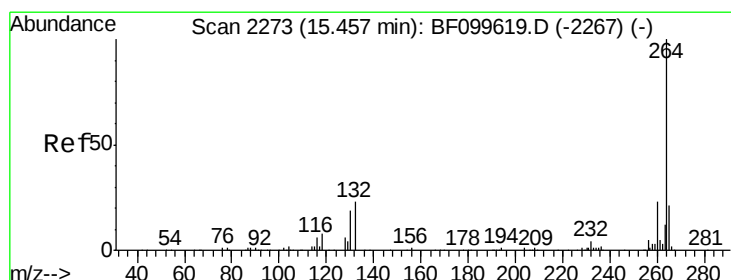
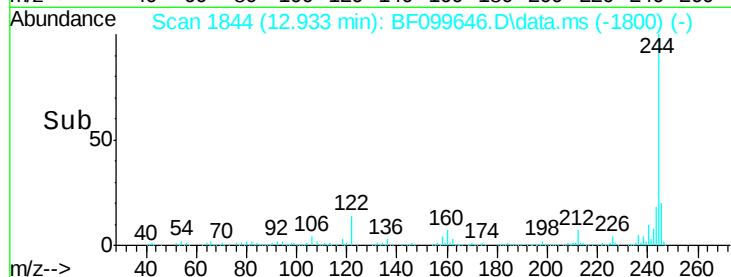
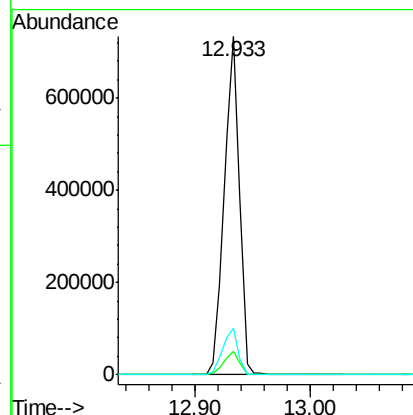
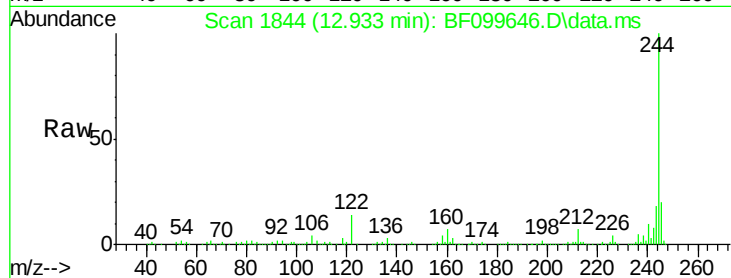
Tot Ion:244 Resp: 666038

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 13.5 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: BF099646.D

Acq: 19 Oct 2017 5:31

Tgt Ion:264 Resp: 139719

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.4 17.5 26.3

