

Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
 Data File : BF099642.D
 Acq On : 19 Oct 2017 2:46
 Operator : SJ/JU
 Sample : I5899-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Quant Time: Oct 19 10:21:59 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

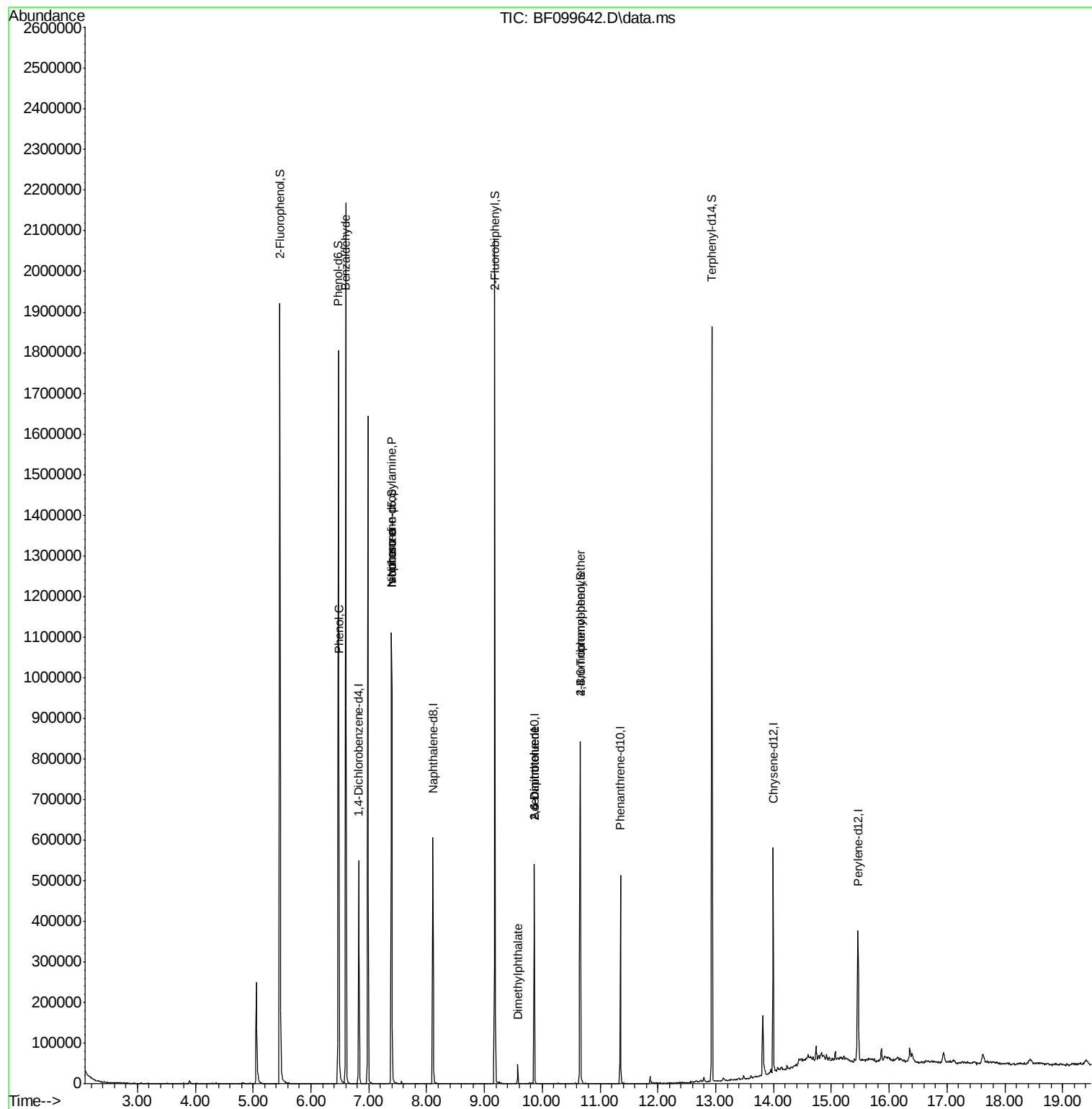
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.828	152	79121	20.00	ng	-0.04
21) Naphthalene-d8	8.110	136	276631	20.00	ng	-0.04
38) Acenaphthene-d10	9.863	164	100027	20.00	ng	-0.04
63) Phenanthrene-d10	11.351	188	169816	20.00	ng	-0.04
75) Chrysene-d12	13.992	240	174196	20.00	ng	-0.04
86) Perylene-d12	15.462	264	137504	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	619086	124.56	ng	-0.02
7) Phenol-d6	6.475	99	708486	115.55	ng	-0.02
23) Nitrobenzene-d5	7.392	82	381362	88.41	ng	-0.04
41) 2,4,6-Tribromophenol	10.657	330	103755	126.76	ng	-0.04
44) 2-Fluorobiphenyl	9.180	172	660788	110.28	ng	-0.05
78) Terphenyl-d14	12.933	244	588850	76.88	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.604	77	11059	3.11	ng	90
10) Phenol	6.486	94	31222	4.55	ng	96
19) n-Nitroso-di-n-propyla...	7.392	70	48026	12.27	ng	# 74
25) Isophorone	7.392	82	381359	42.76	ng	# 64
49) Dimethylphthalate	9.575	163	19766	2.62	ng	98
50) 2,6-Dinitrotoluene	9.863	165	12342	7.51	ng	# 24
56) 2,4-Dinitrotoluene	9.863	165	12342	5.79	ng	# 21
66) 4-Bromophenyl-phenylether	10.657	248	6623	3.98	ng	# 1

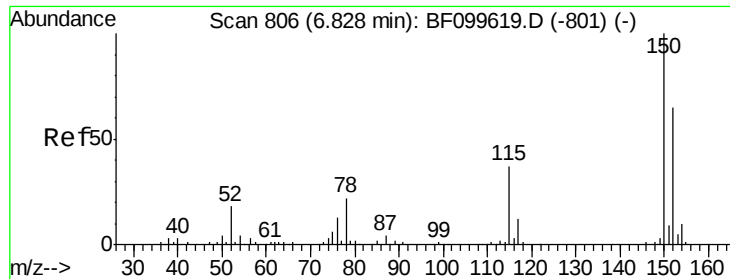
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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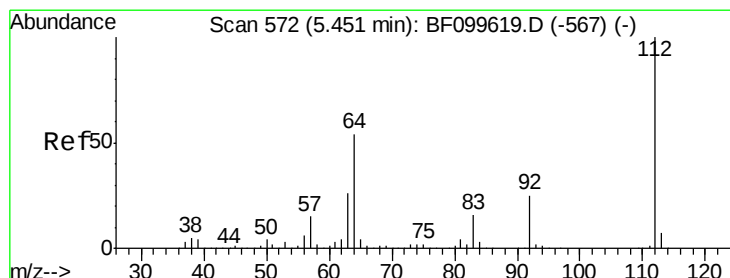
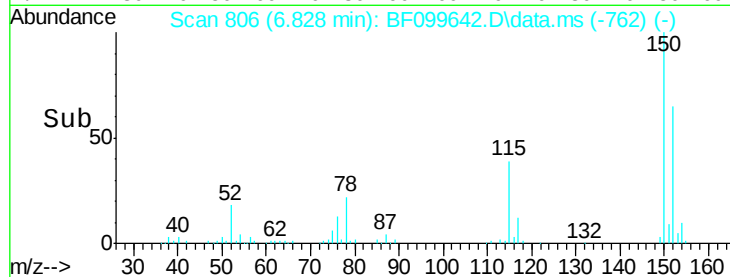
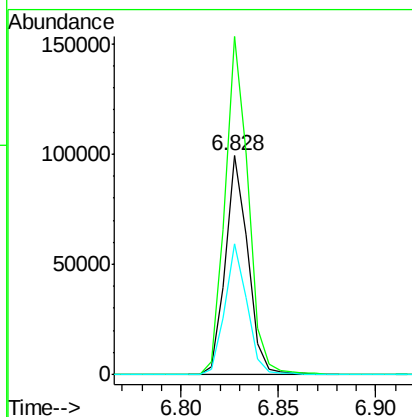
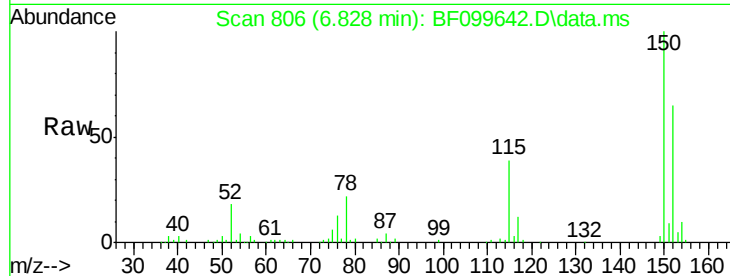




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.041 min
 Lab File: BF099642.D
 Acq: 19 Oct 2017 2:46

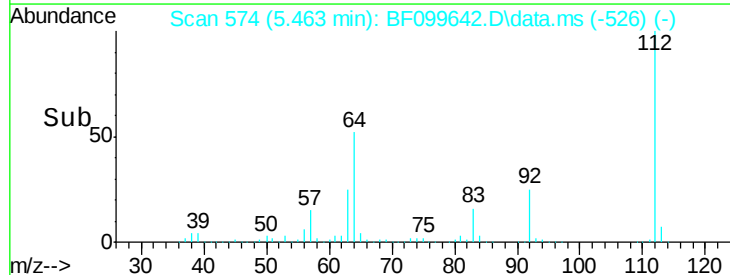
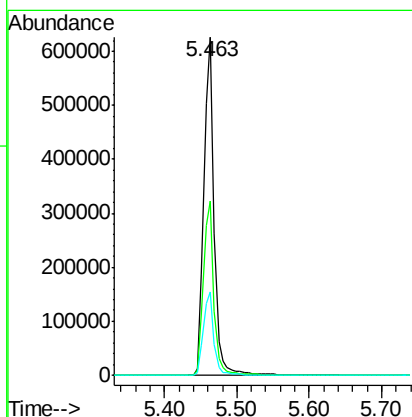
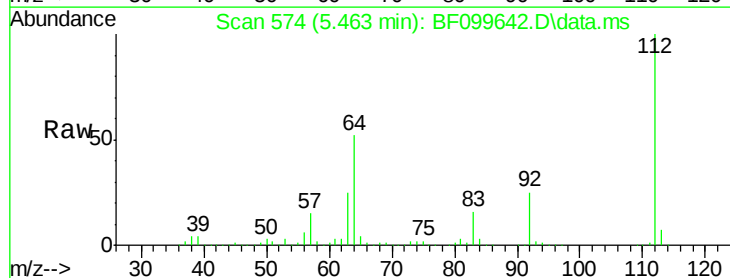
Instrument :
 BNA_F
 ClientSampleId :
 72-12020

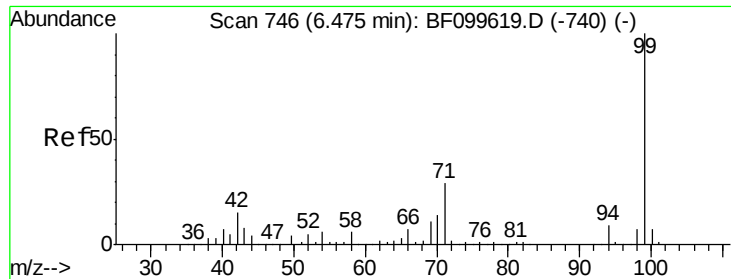
Tot Ion:152 Resp: 79121
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 60.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 124.56 ng
 RT: 5.463 min Scan# 574
 Delta R.T. -0.018 min
 Lab File: BF099642.D
 Acq: 19 Oct 2017 2:46

Tgt Ion:112 Resp: 619086
 Ion Ratio Lower Upper
 112 100
 64 51.6 47.9 71.9
 63 24.6 23.7 35.5





#7

Phenol-d6

Concen: 115.55 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.024 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampleId :

72-12020

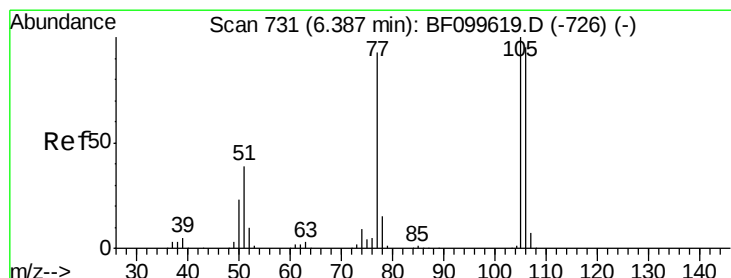
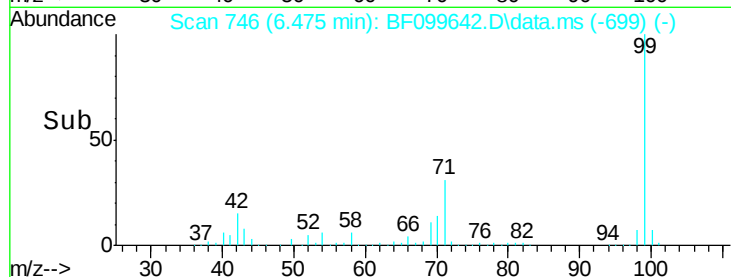
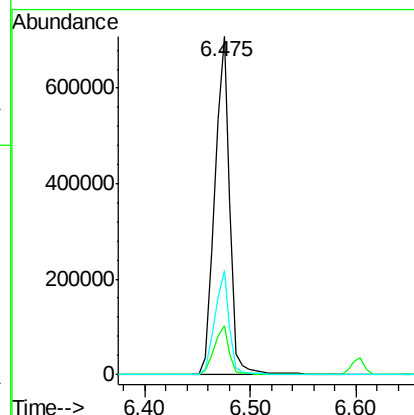
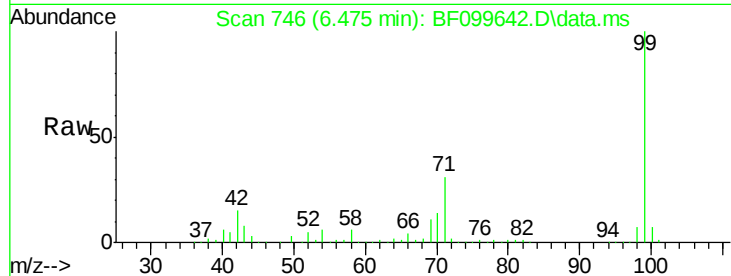
Tot Ion: 99 Resp: 708486

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

71 30.6 25.4 38.0



#9

Benzaldehyde

Concen: 3.11 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.182 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

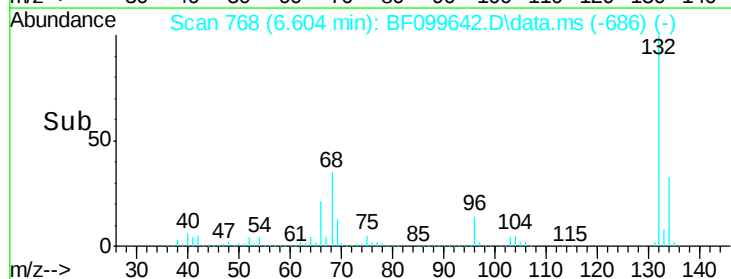
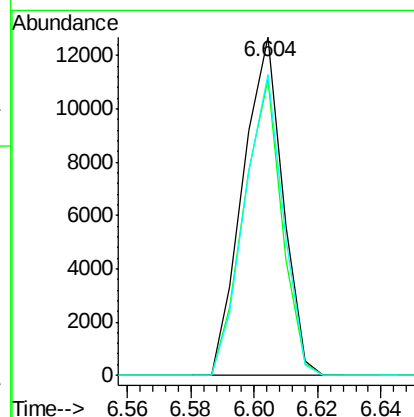
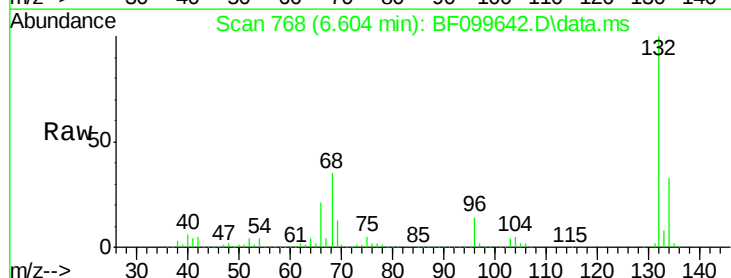
Tgt Ion: 77 Resp: 11059

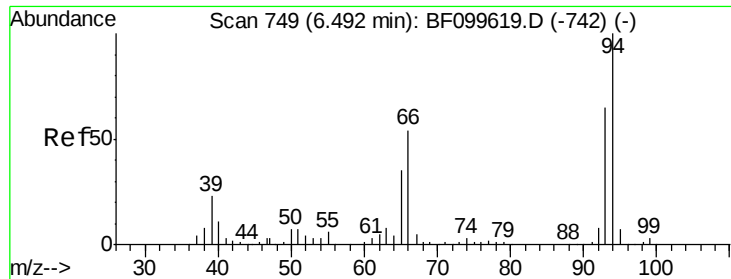
Ion Ratio Lower Upper

77 100

105 87.4 81.1 121.1

106 89.1 74.5 114.5





#10

Phenol

Concen: 4.55 ng

RT: 6.486 min Scan# 74

Delta R.T. -0.030 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampled :

72-12020

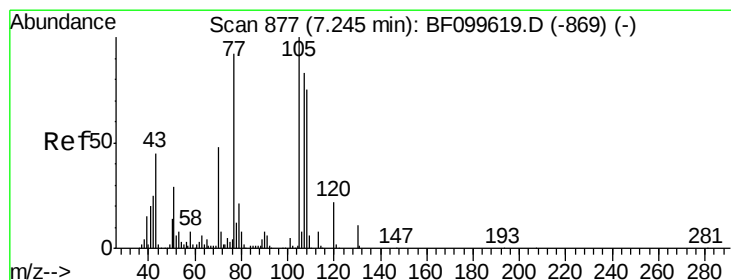
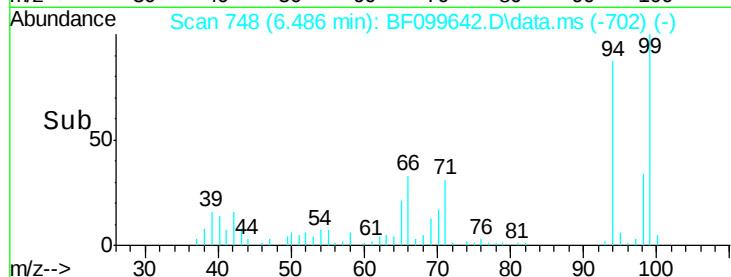
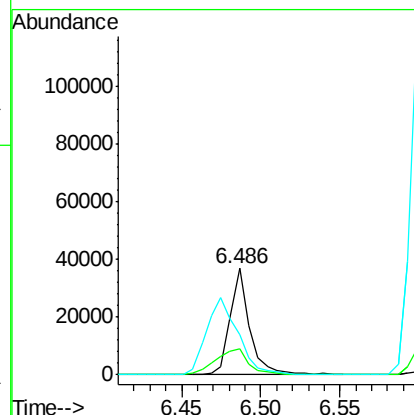
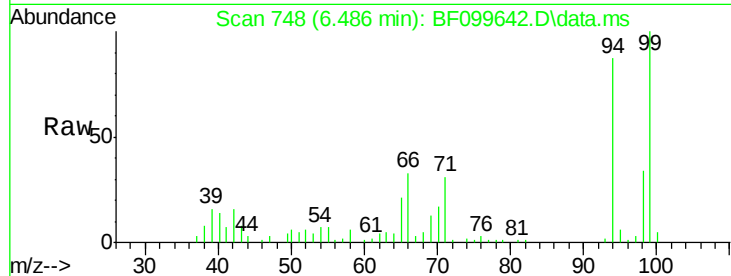
Tot Ion: 94 Resp: 31222

Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

66 37.8 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.27 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.106 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Tgt Ion: 70 Resp: 48026

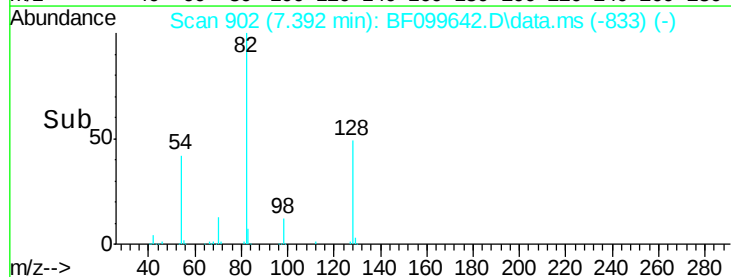
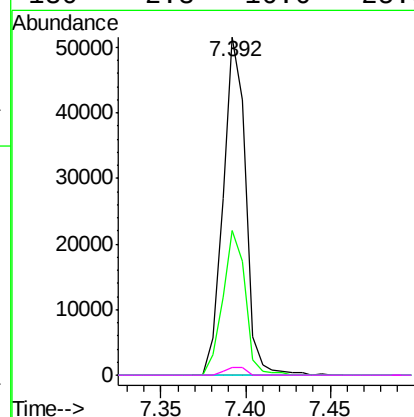
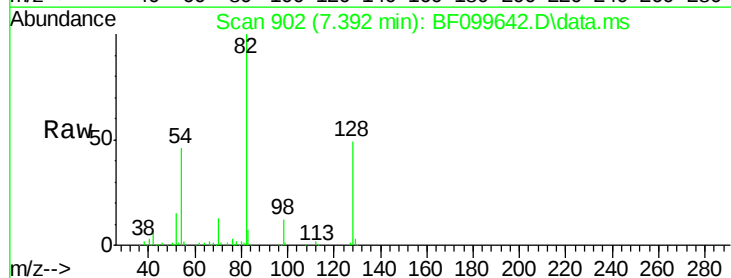
Ion Ratio Lower Upper

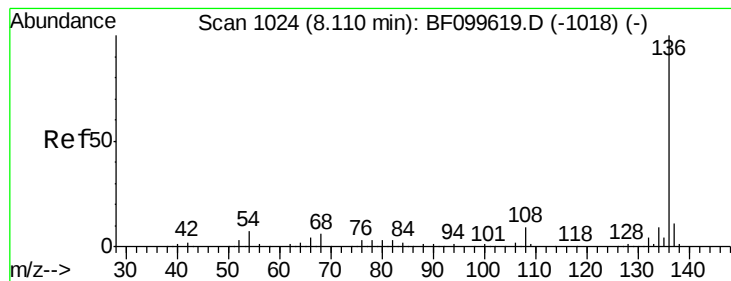
70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 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: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampleId :

72-12020

Tot Ion:136 Resp: 276631

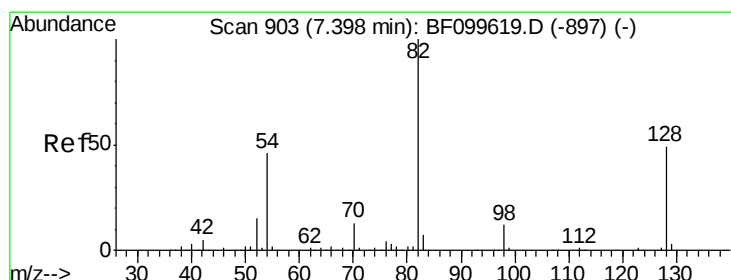
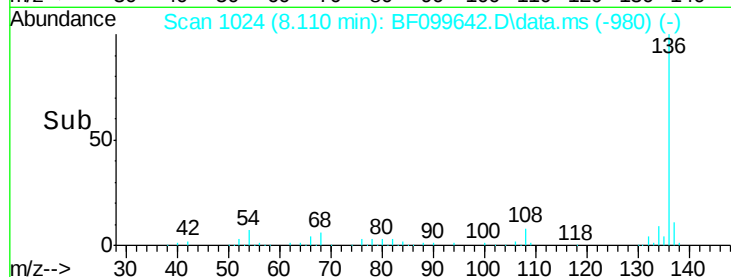
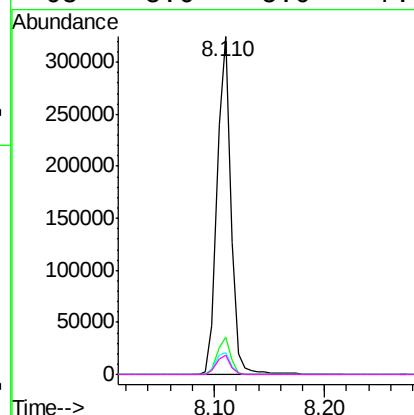
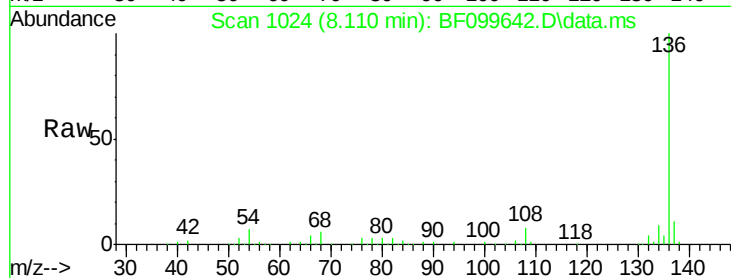
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 6.6 9.8

68 5.6 5.0 7.4



#23

Nitrobenzene-d5

Concen: 88.41 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.041 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

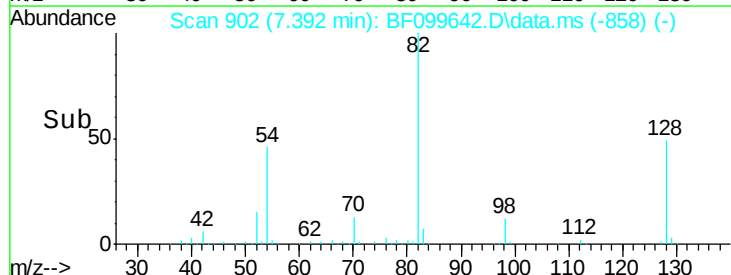
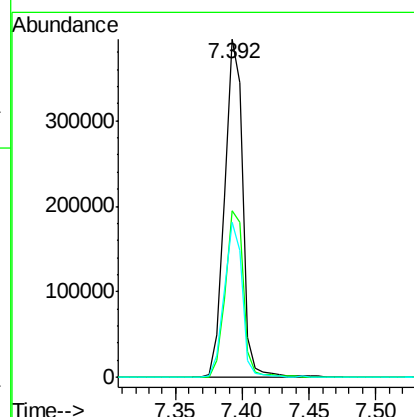
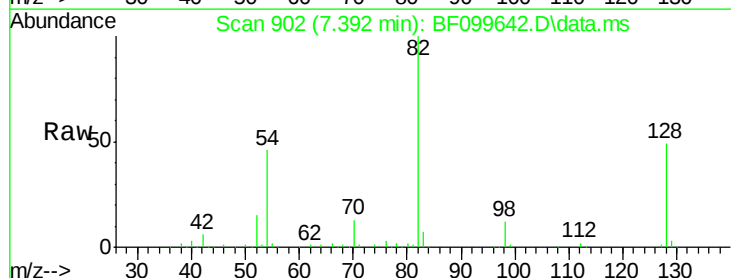
Tgt Ion: 82 Resp: 381362

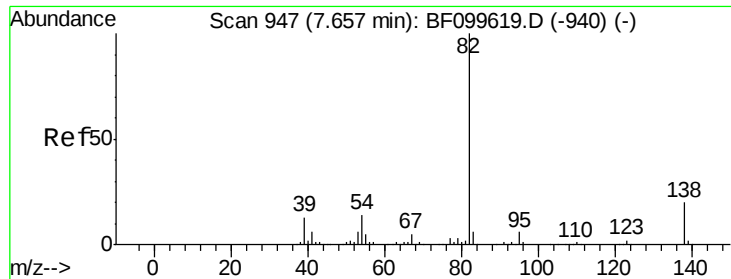
Ion Ratio Lower Upper

82 100

128 49.1 36.1 54.1

54 45.7 41.4 62.2





#25

Isophorone

Concen: 42.76 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.300 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampleId :

72-12020

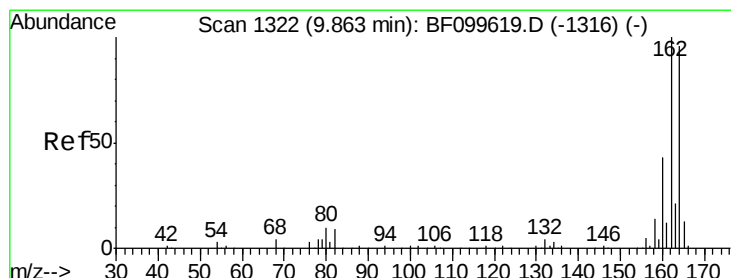
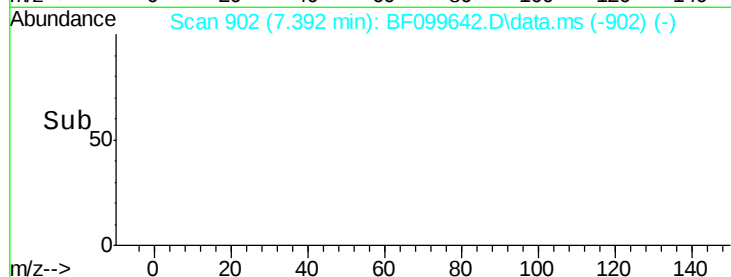
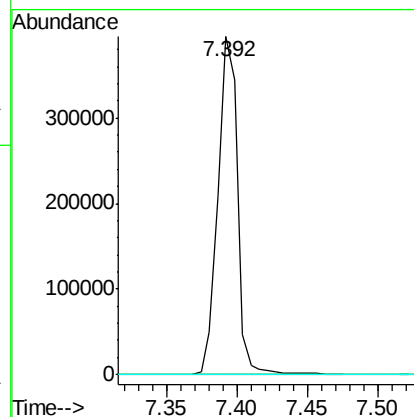
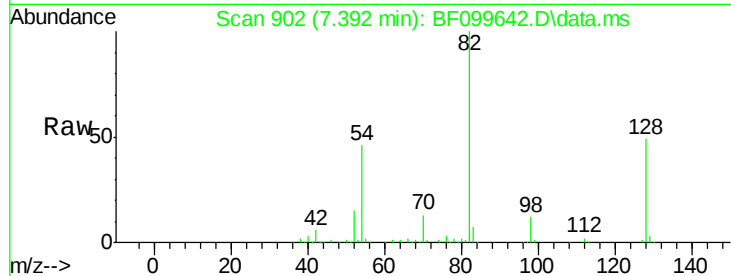
Tot Ion: 82 Resp: 381359

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: BF099642.D

Acq: 19 Oct 2017 2:46

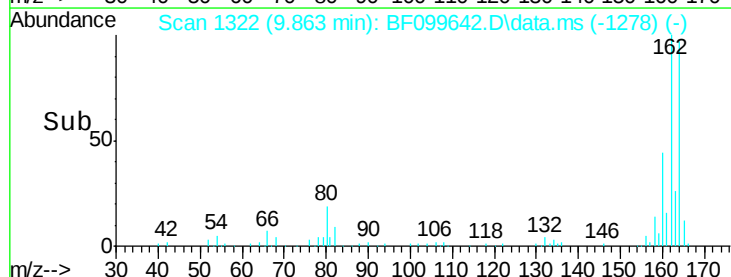
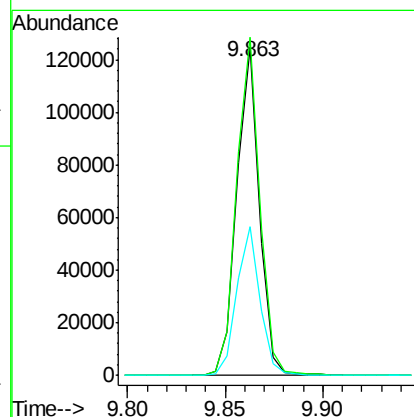
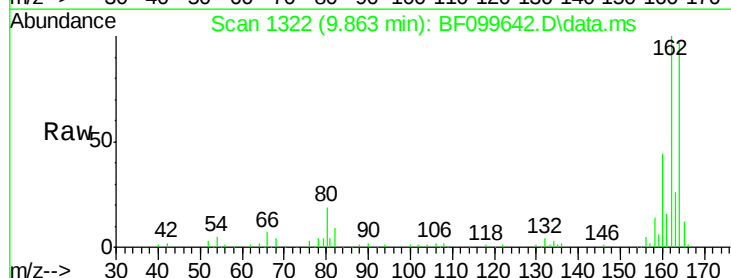
Tgt Ion:164 Resp: 100027

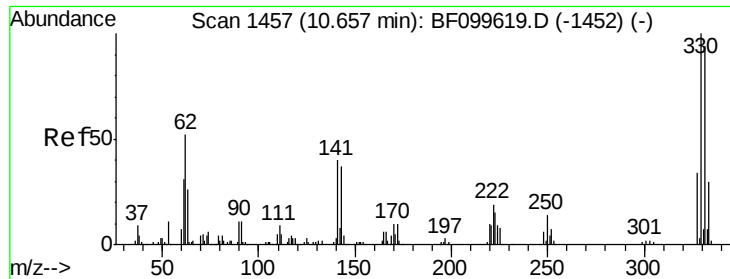
Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

160 45.2 38.3 57.5

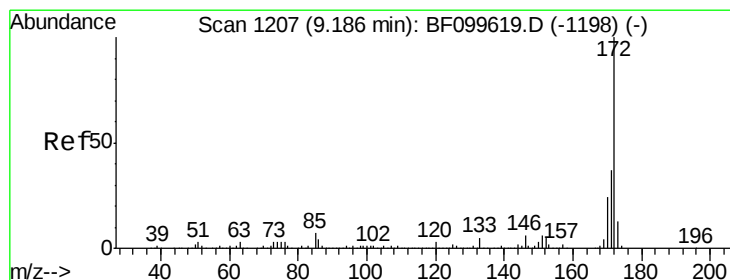
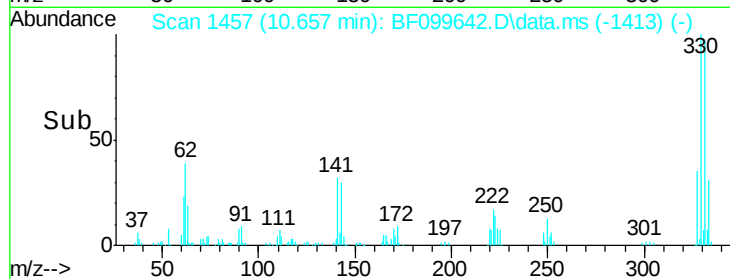
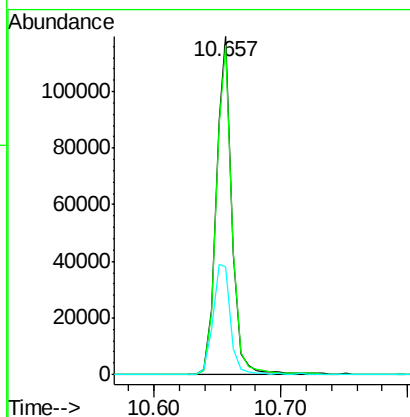
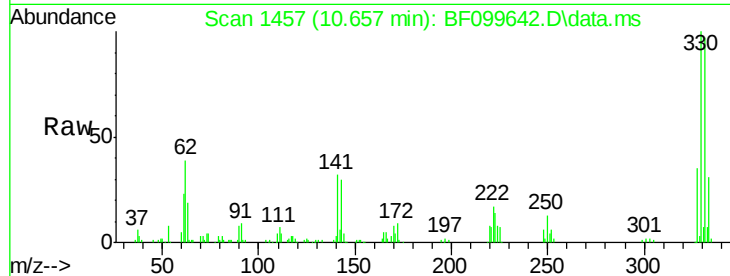




#41
 2,4,6-Tribromophenol
 Concen: 126.76 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. -0.041 min
 Lab File: BF099642.D
 Acq: 19 Oct 2017 2:46

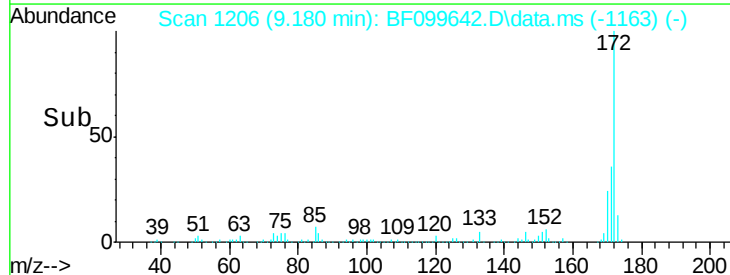
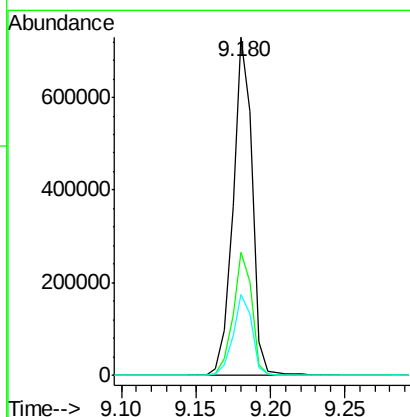
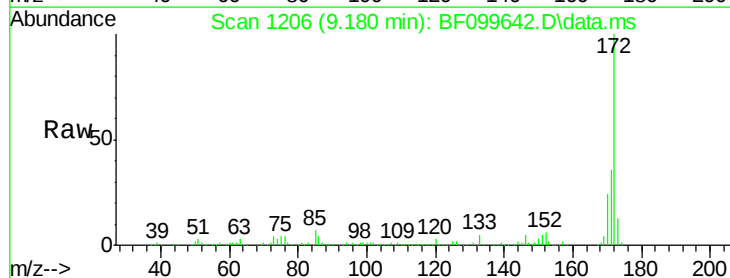
Instrument :
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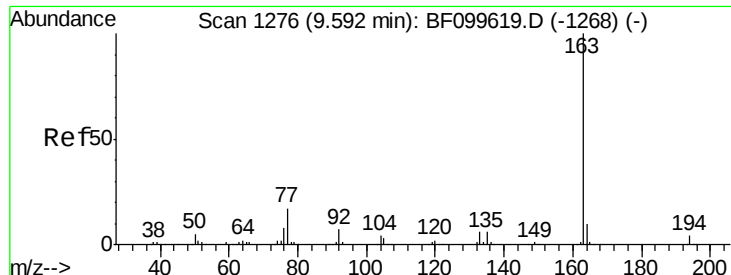
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	36.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 110.28 ng
 RT: 9.180 min Scan# 1206
 Delta R.T. -0.047 min
 Lab File: BF099642.D
 Acq: 19 Oct 2017 2:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 2.62 ng

RT: 9.575 min Scan# 12

Delta R.T. -0.053 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampleId :

72-12020

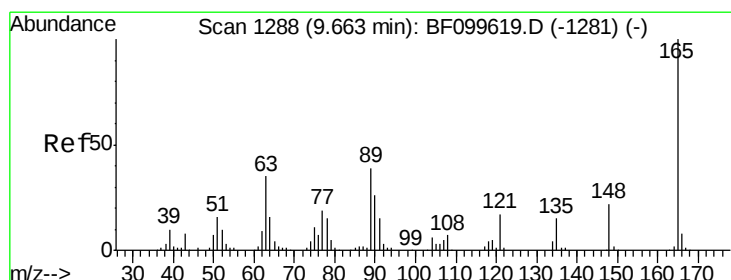
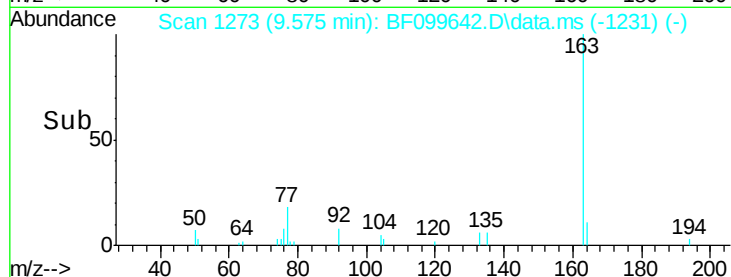
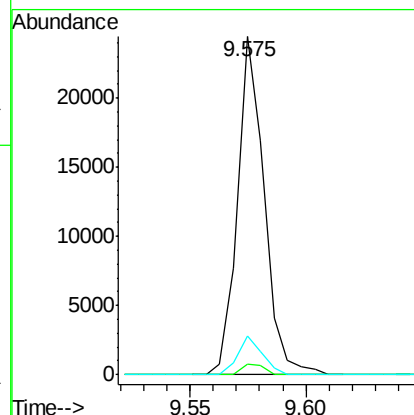
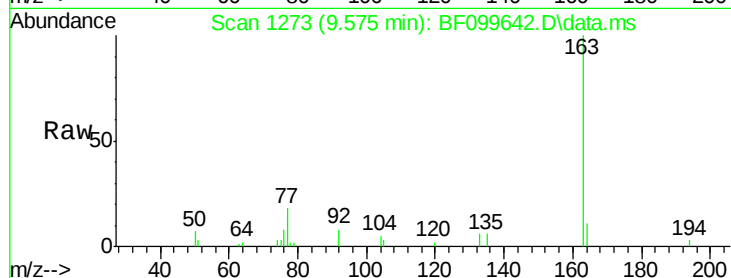
Tot Ion:163 Resp: 19766

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

164 11.2 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 7.51 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.170 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

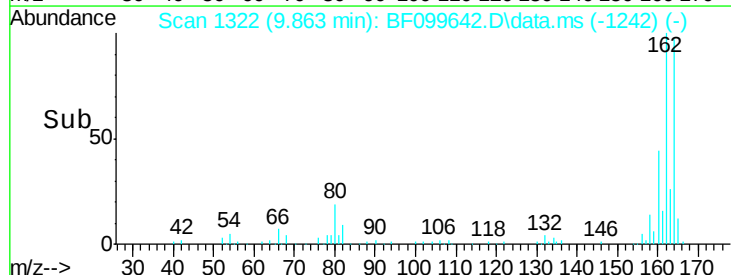
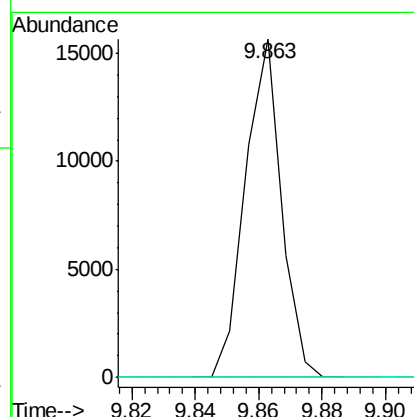
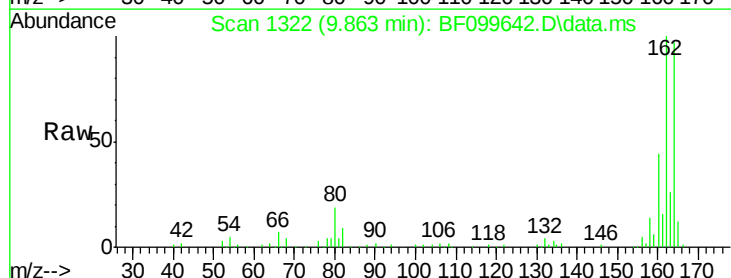
Tgt Ion:165 Resp: 12342

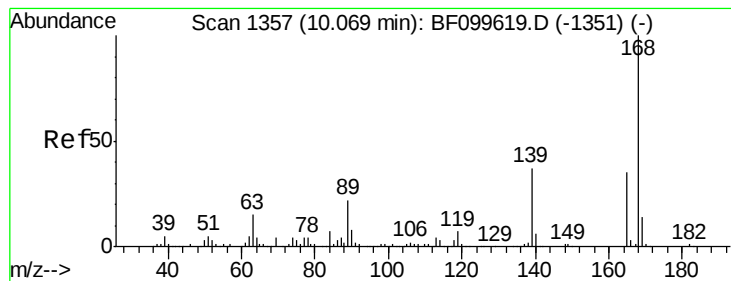
Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

89 0.0 44.0 66.0#





#56

2,4-Dinitrotoluene

Concen: 5.79 ng

RT: 9.863 min Scan# 1357

Delta R.T. -0.235 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampleId :

72-12020

Tot Ion:165 Resp: 12342

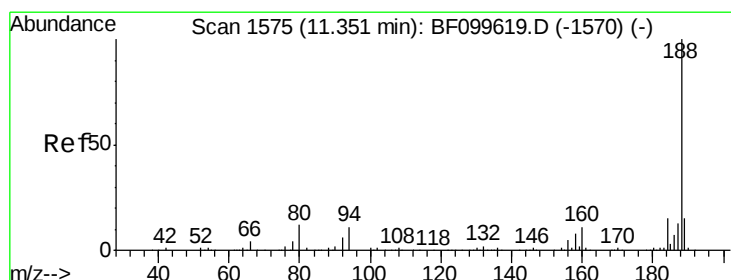
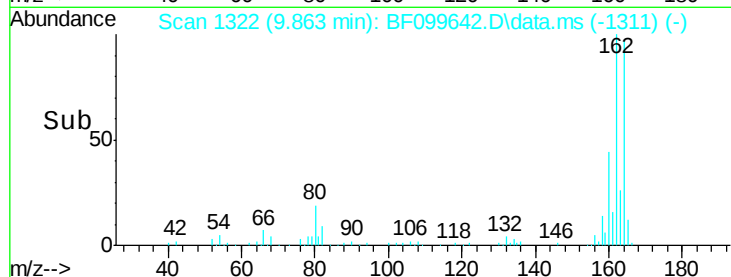
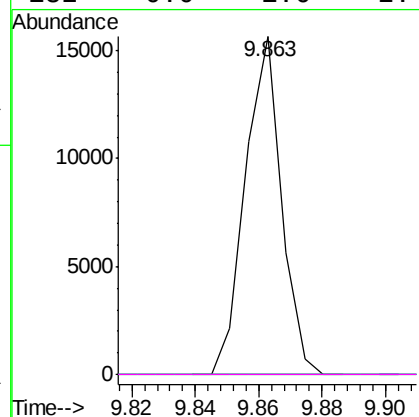
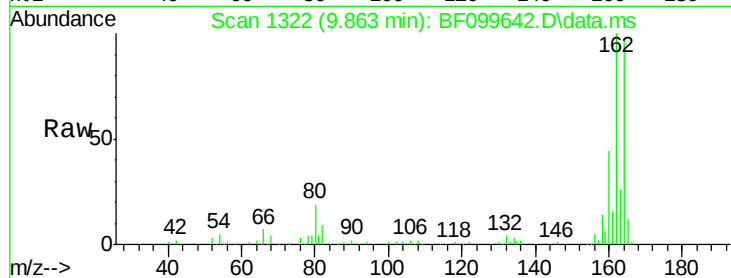
Ion Ratio Lower Upper

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: BF099642.D

Acq: 19 Oct 2017 2:46

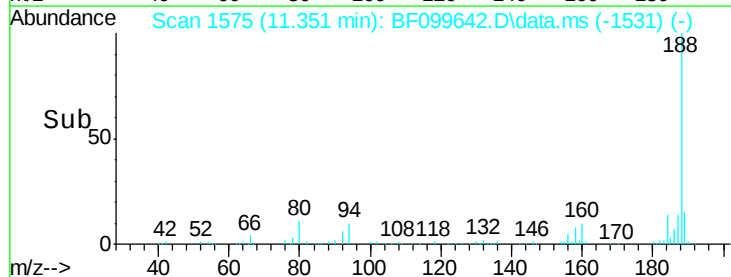
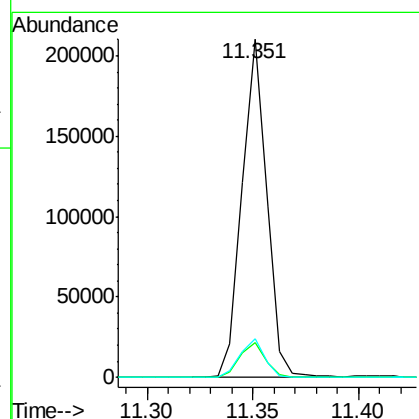
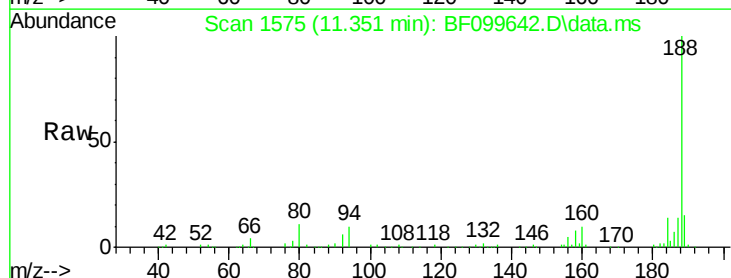
Tgt Ion:188 Resp: 169816

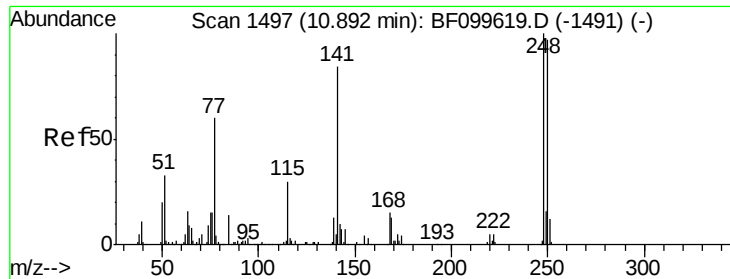
Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

80 11.3 9.2 13.8

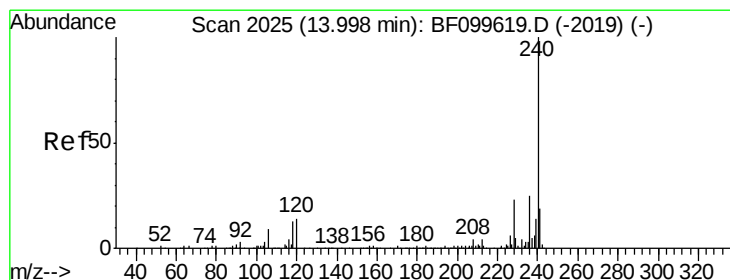
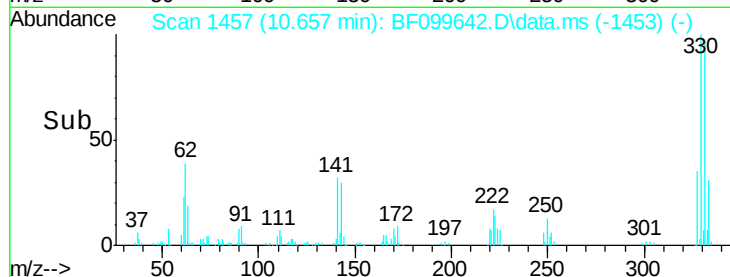
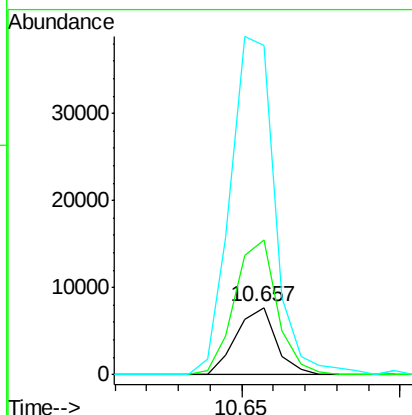
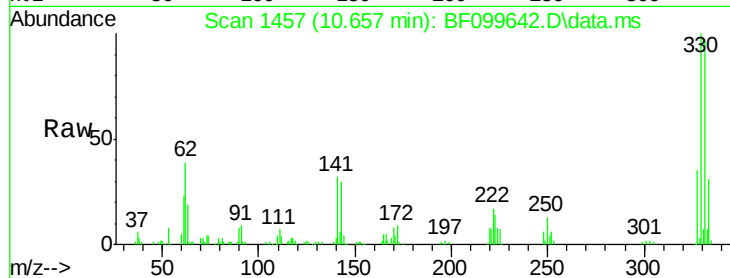




#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.277 min
Lab File: BF099642.D
Acq: 19 Oct 2017 2:46

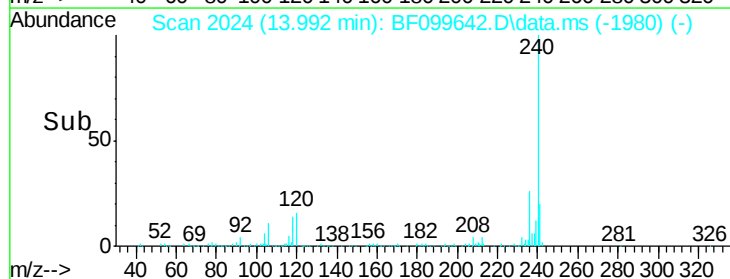
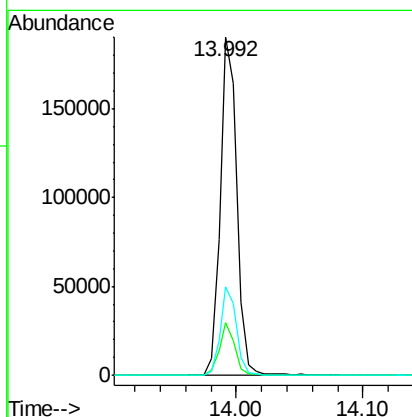
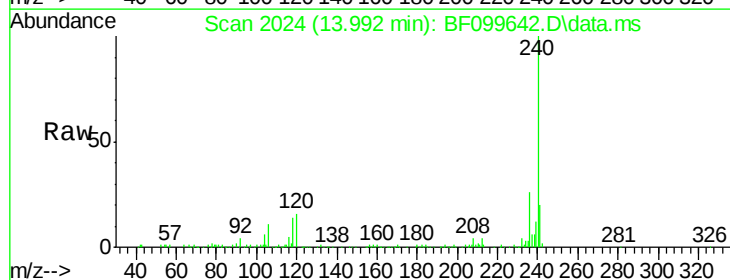
Instrument :
BNA_F
ClientSampleId :
72-12020

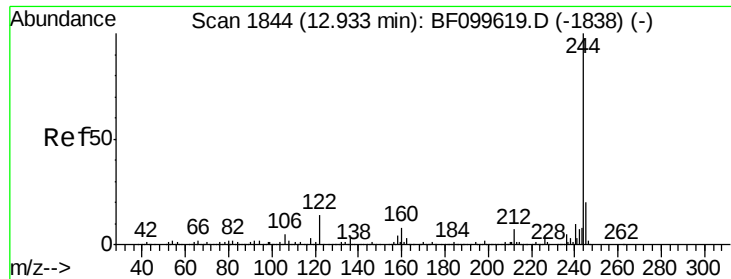
Tot Ion:248 Resp: 6623
Ion Ratio Lower Upper
248 100
250 200.7 76.9 115.3#
141 491.3 74.4 111.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.041 min
Lab File: BF099642.D
Acq: 19 Oct 2017 2:46

Tgt Ion:240 Resp: 174196
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 76.88 ng

RT: 12.933 min Scan# 18

Delta R.T. -0.041 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampleId :

72-12020

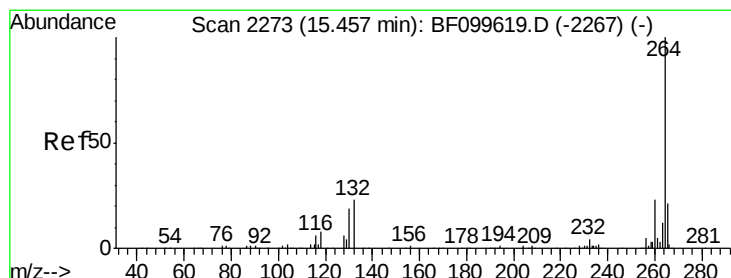
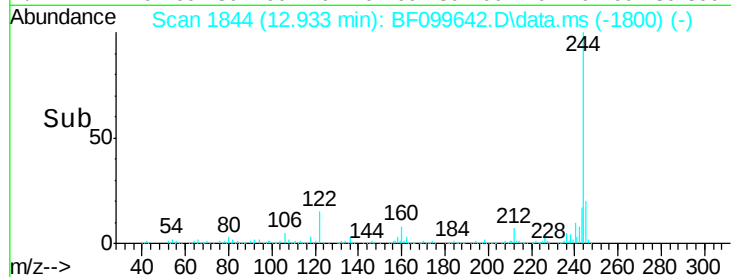
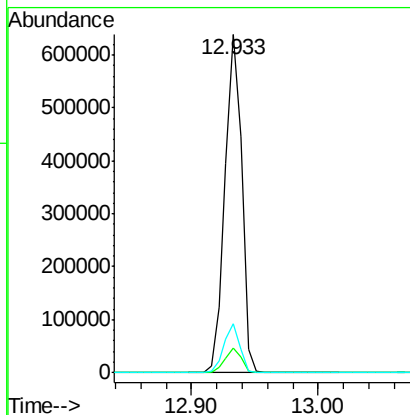
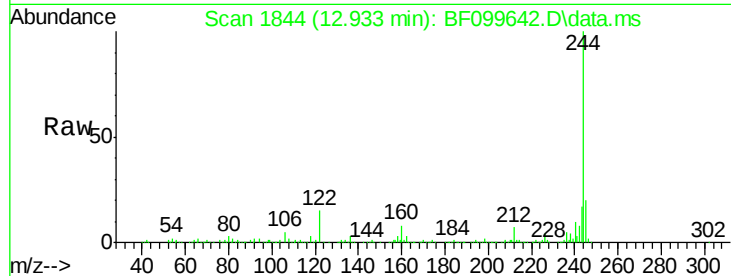
Tot Ion:244 Resp: 588850

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 14.6 11.0 16.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.041 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Tgt Ion:264 Resp: 137504

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.3 17.5 26.3

