

Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
 Data File : BF099654.D
 Acq On : 19 Oct 2017 9:11
 Operator : SJ/JU
 Sample : I5935-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-A

Quant Time: Oct 19 10:28:42 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

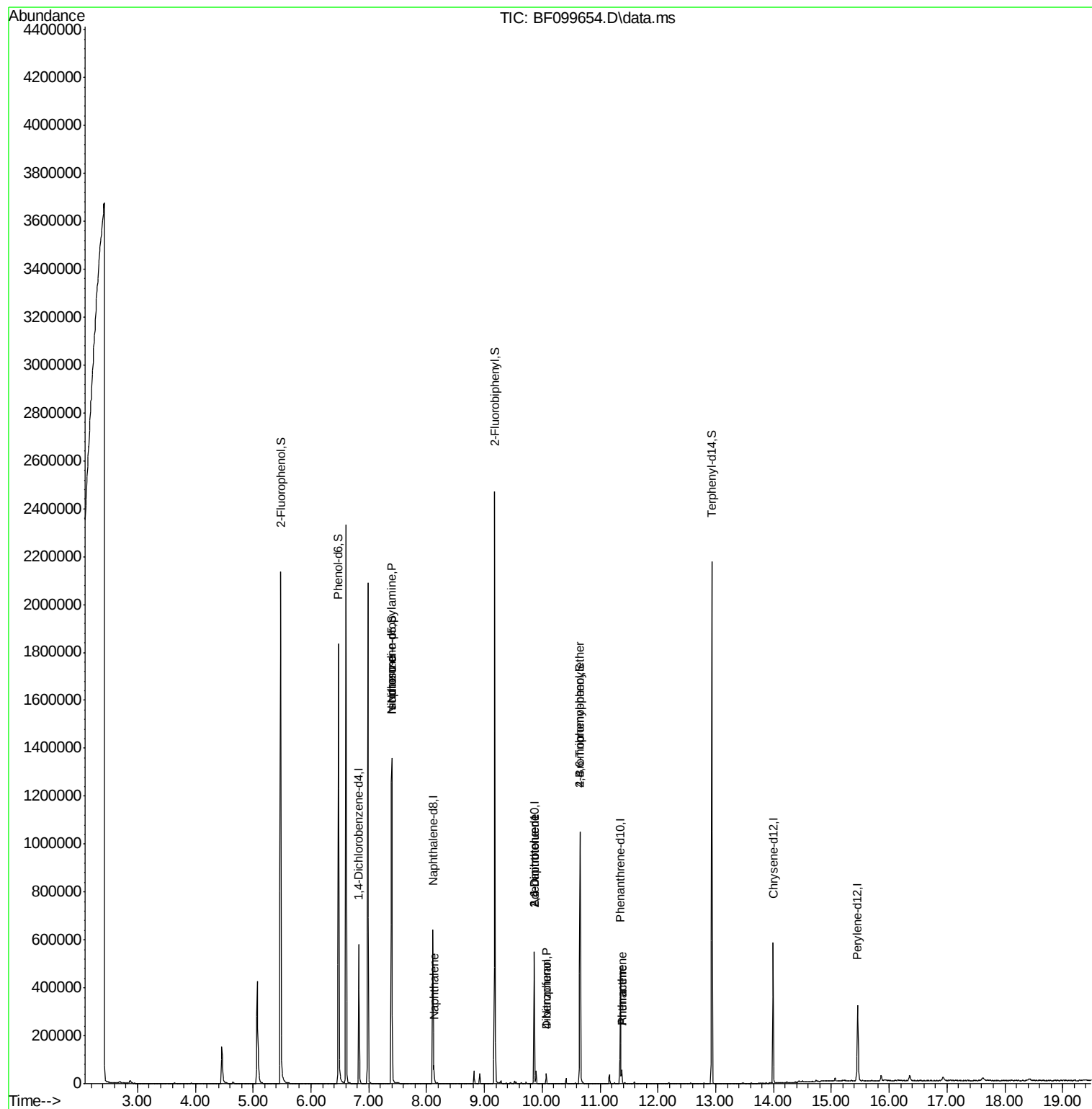
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.828	152	84837	20.00	ng	-0.04
21) Naphthalene-d8	8.110	136	306196	20.00	ng	-0.04
38) Acenaphthene-d10	9.863	164	108676	20.00	ng	-0.04
63) Phenanthrene-d10	11.351	188	172939	20.00	ng	-0.04
75) Chrysene-d12	13.992	240	182405	20.00	ng	-0.04
86) Perylene-d12	15.456	264	141305	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	713998	133.98	ng	0.00
7) Phenol-d6	6.475	99	752283	114.43	ng	-0.02
23) Nitrobenzene-d5	7.398	82	487777	102.16	ng	-0.04
41) 2,4,6-Tribromophenol	10.657	330	133392	150.00	ng	-0.04
44) 2-Fluorobiphenyl	9.180	172	832633	127.90	ng	-0.05
78) Terphenyl-d14	12.933	244	683883	85.27	ng	-0.04
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	61217	14.58	ng	# 72
25) Isophorone	7.398	82	487769	49.41	ng	# 64
31) Naphthalene	8.127	128	33594	2.34	ng	# 99
50) 2,6-Dinitrotoluene	9.863	165	13951	7.81	ng	# 24
54) Dibenzofuran	10.069	168	18114	2.00	ng	# 94
55) 4-Nitrophenol	10.069	139	6437	3.66	ng	# 9
56) 2,4-Dinitrotoluene	9.863	165	13951	6.02	ng	# 21
66) 4-Bromophenyl-phenylether	10.657	248	8488	5.01	ng	# 1
70) Phenanthrene	11.374	178	21912	2.37	ng	# 98
71) Anthracene	11.374	178	21912	2.31	ng	# 98

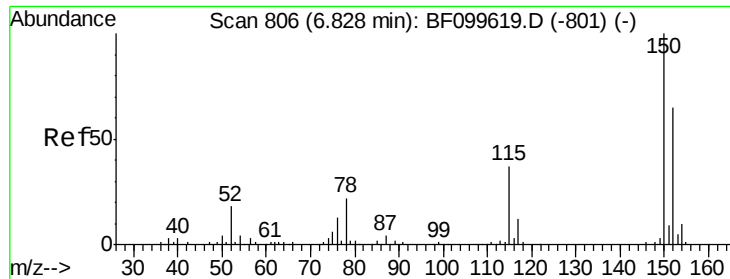
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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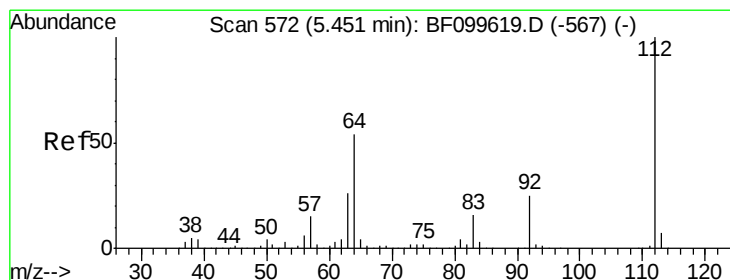
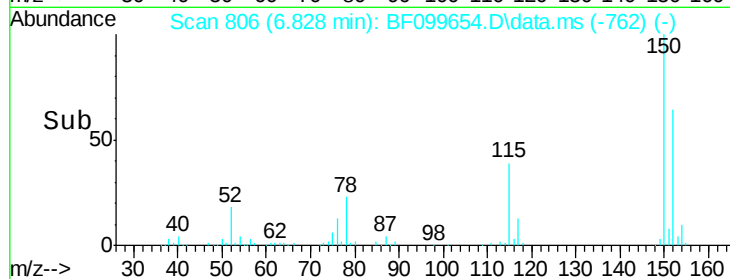
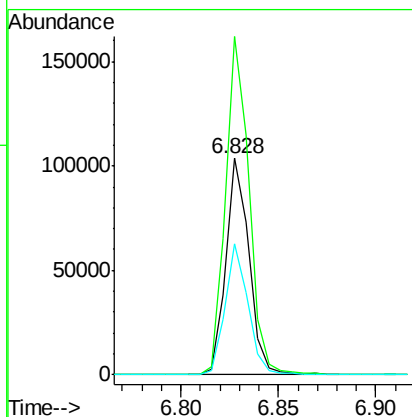
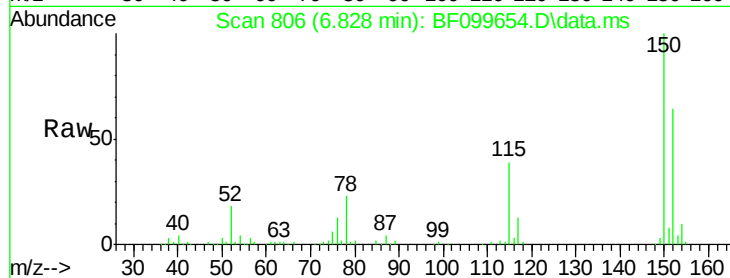




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.041 min
 Lab File: BF099654.D
 Acq: 19 Oct 2017 9:11

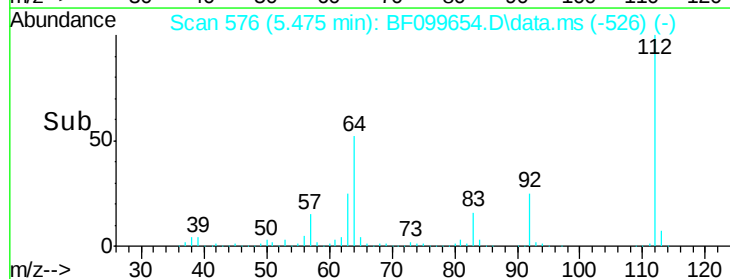
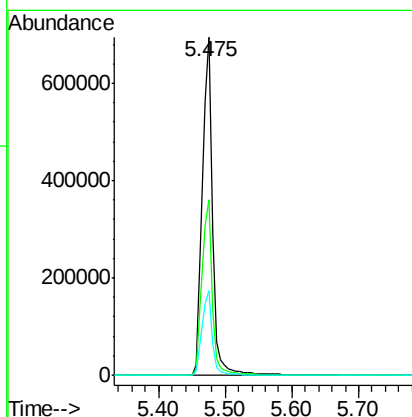
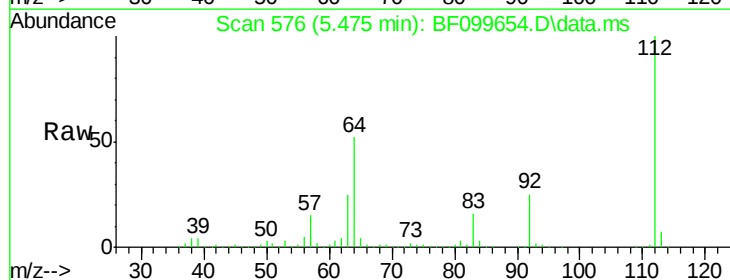
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-A

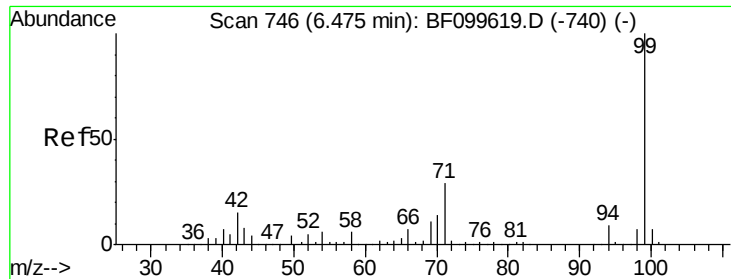
Tot Ion:152 Resp: 84837
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 60.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 133.98 ng
 RT: 5.475 min Scan# 576
 Delta R.T. -0.006 min
 Lab File: BF099654.D
 Acq: 19 Oct 2017 9:11

Tgt Ion:112 Resp: 713998
 Ion Ratio Lower Upper
 112 100
 64 52.0 47.9 71.9
 63 25.2 23.7 35.5





#7

Phenol-d6

Concen: 114.43 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.024 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

Instrument :

BNA_F

ClientSampleId :

CL-02-101617-A

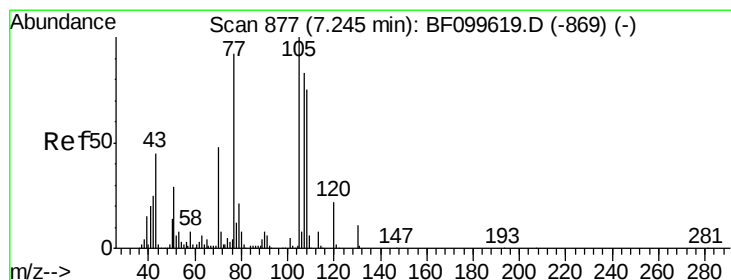
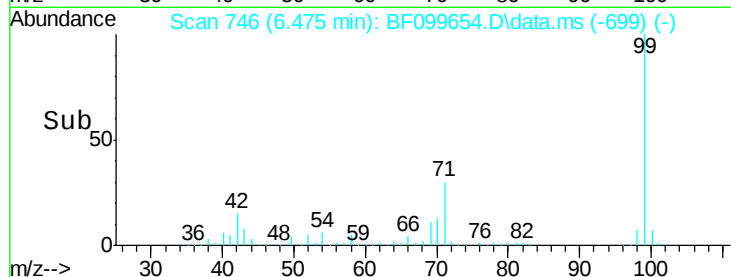
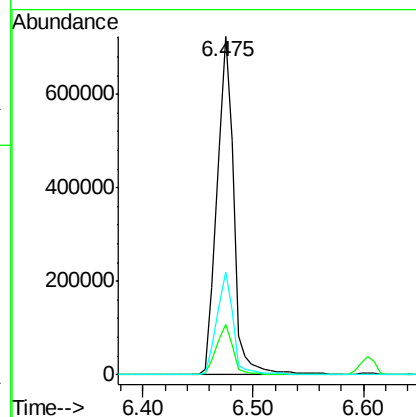
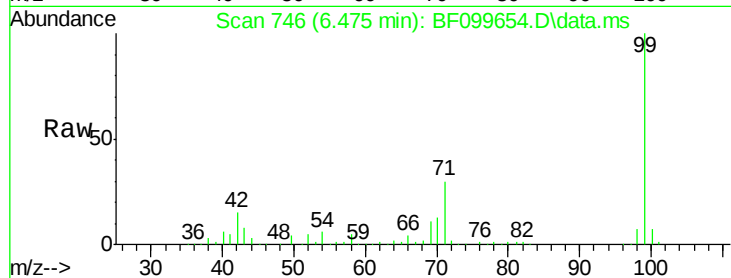
Tot Ion: 99 Resp: 752283

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

71 30.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.58 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.112 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

Tgt Ion: 70 Resp: 61217

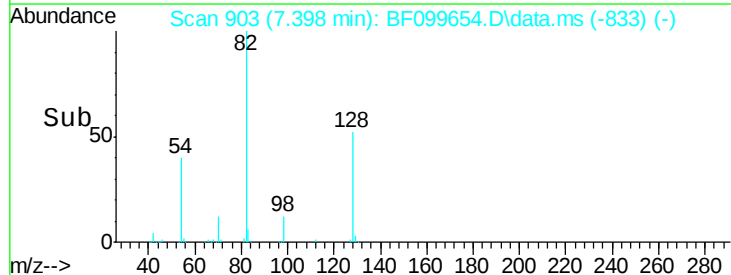
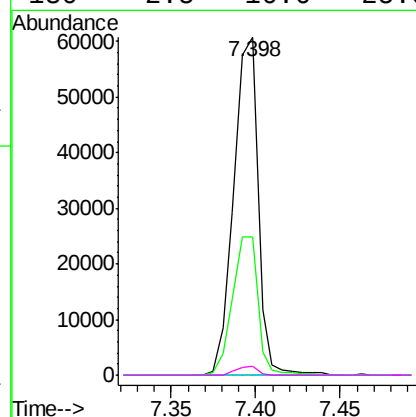
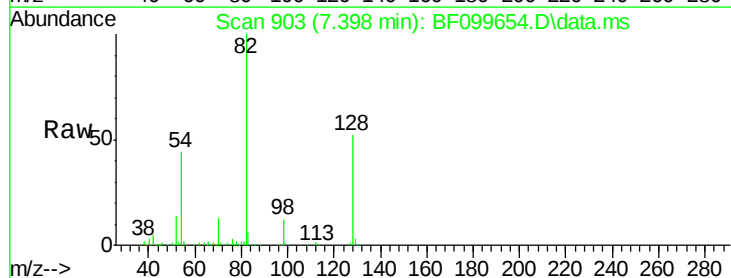
Ion Ratio Lower Upper

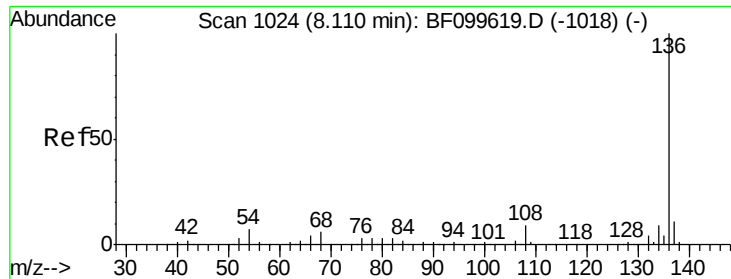
70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

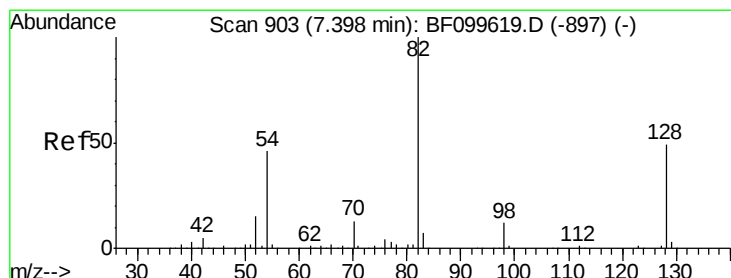
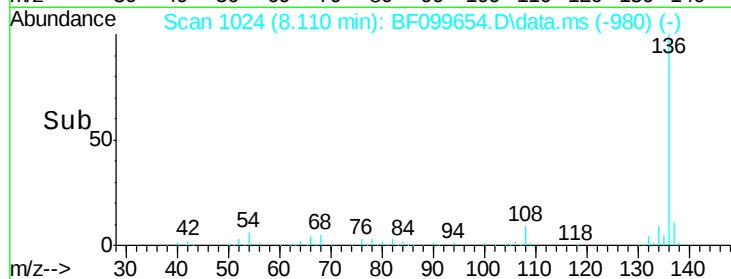
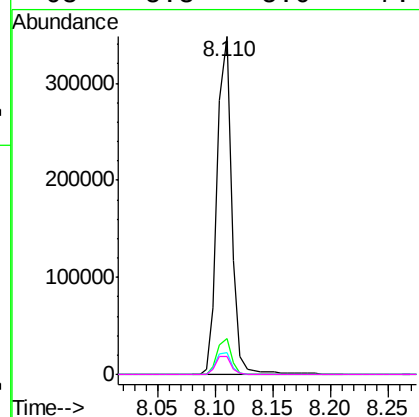
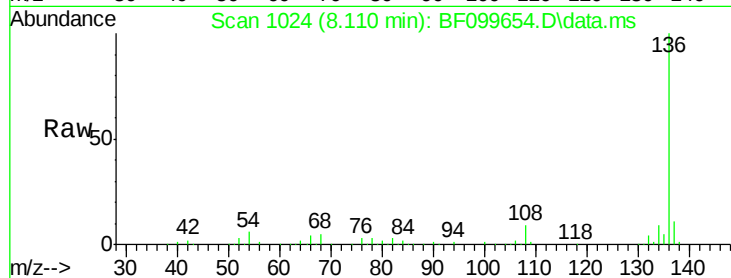




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 10
Delta R.T. -0.041 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

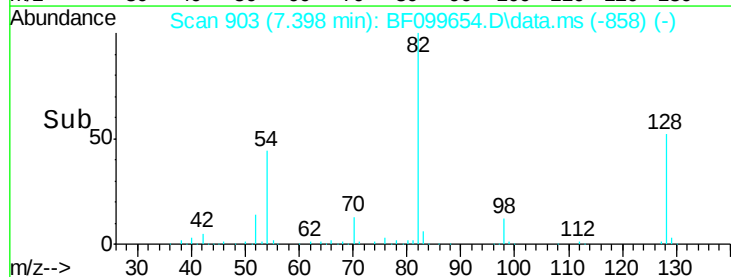
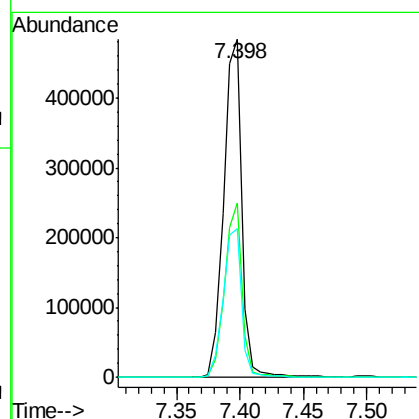
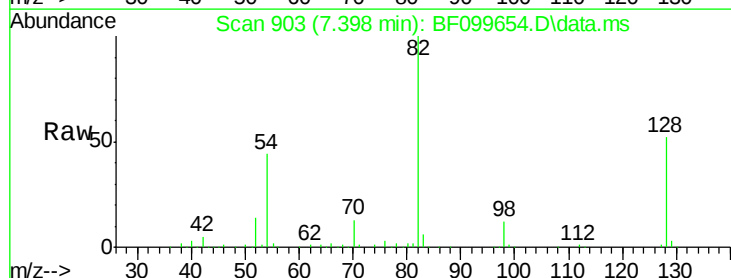
Instrument :
BNA_F
ClientSampleId :
CL-02-101617-A

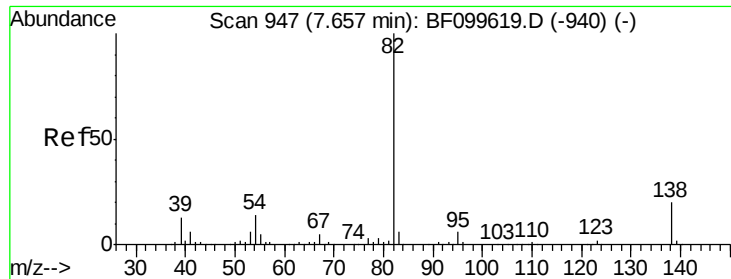
Tot Ion:	136	Resp:	306196
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	6.3	6.6	9.8#
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 102.16 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.035 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:	82	Resp:	487777
Ion Ratio	Lower	Upper	
82	100		
128	51.5	36.1	54.1
54	43.9	41.4	62.2





#25

Isophorone

Concen: 49.41 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.294 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

Instrument :

BNA_F

ClientSampleId :

CL-02-101617-A

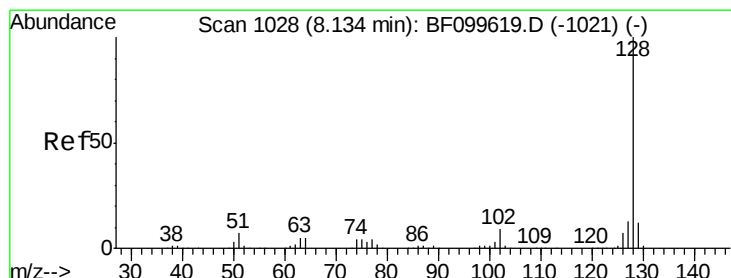
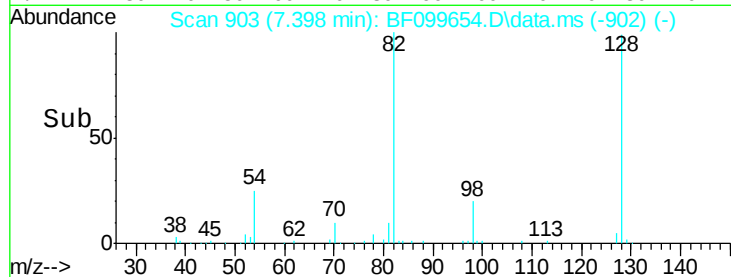
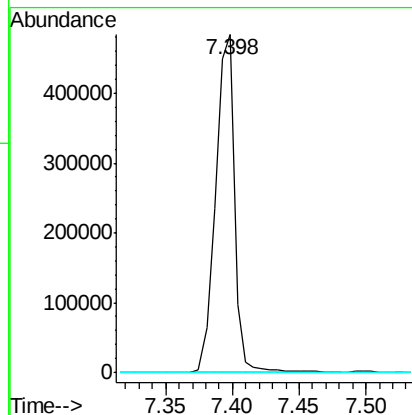
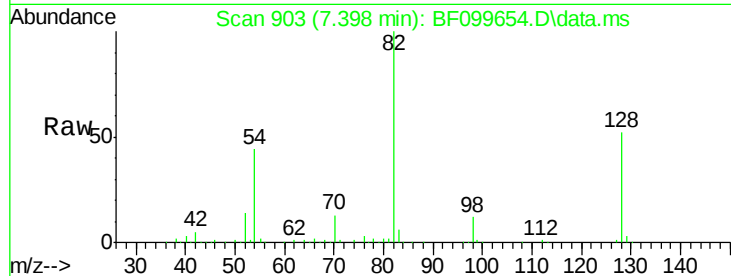
Tot Ion: 82 Resp: 487769

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 2.34 ng

RT: 8.127 min Scan# 1027

Delta R.T. -0.047 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

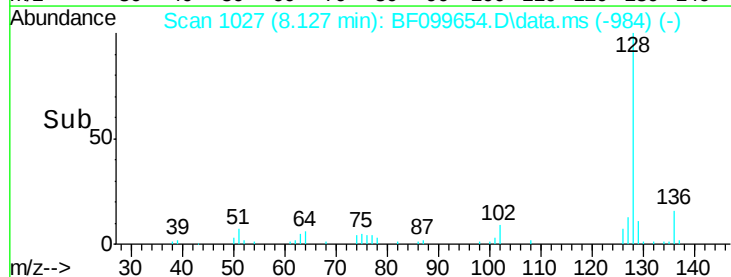
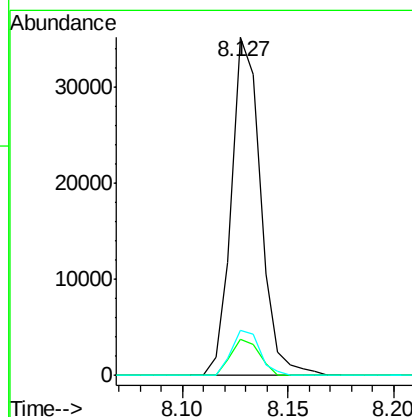
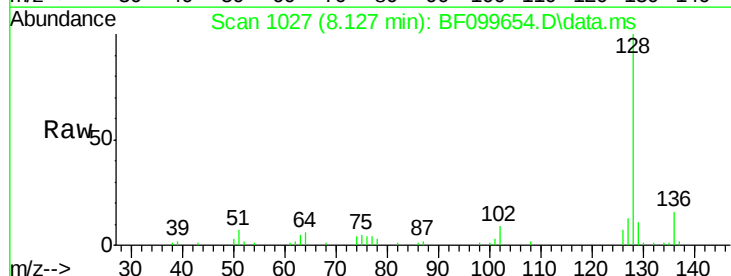
Tgt Ion: 128 Resp: 33594

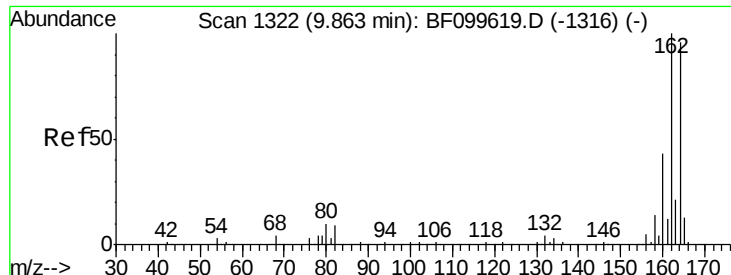
Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 13.2 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.041 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

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BNA_F

ClientSampleId :

CL-02-101617-A

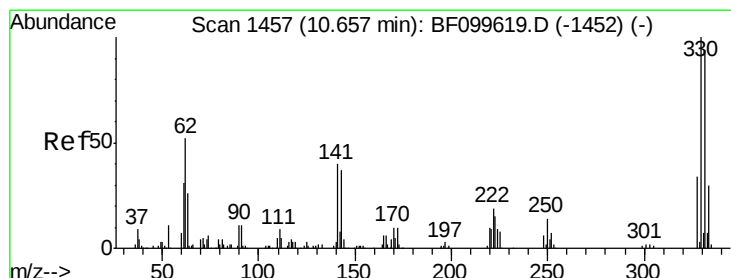
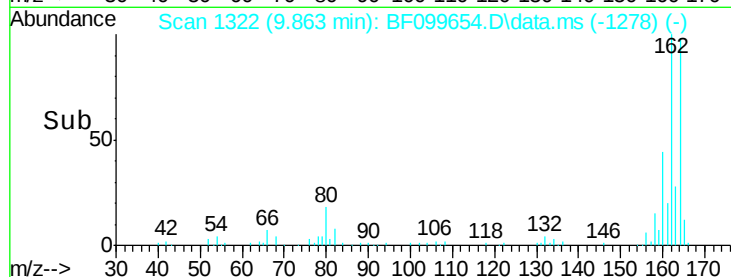
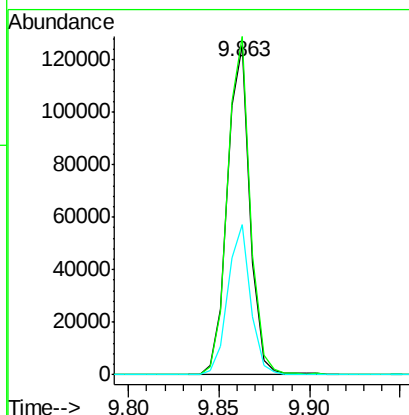
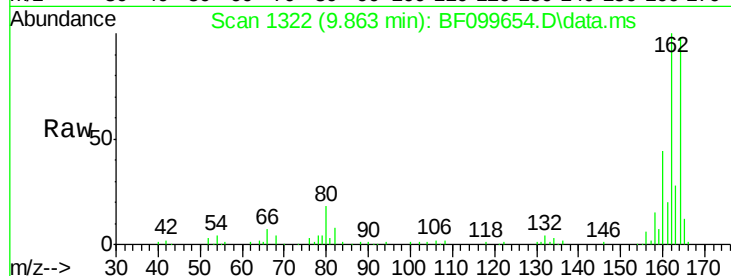
Tot Ion:164 Resp: 108676

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

160 45.5 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 150.00 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.041 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

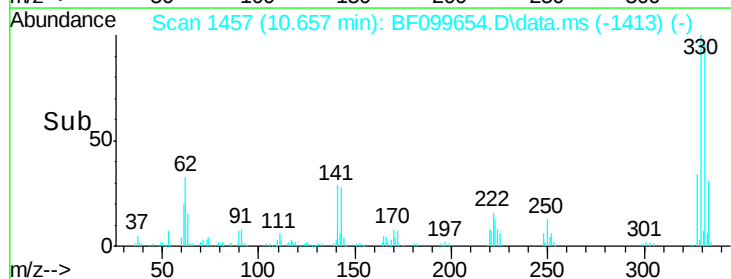
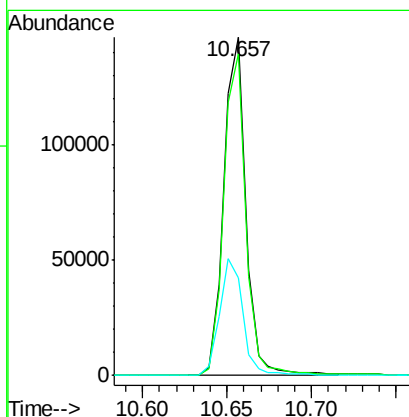
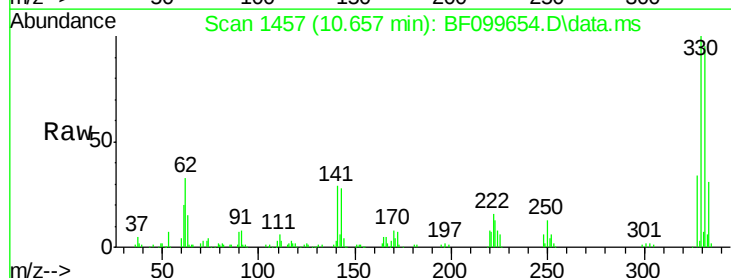
Tgt Ion:330 Resp: 133392

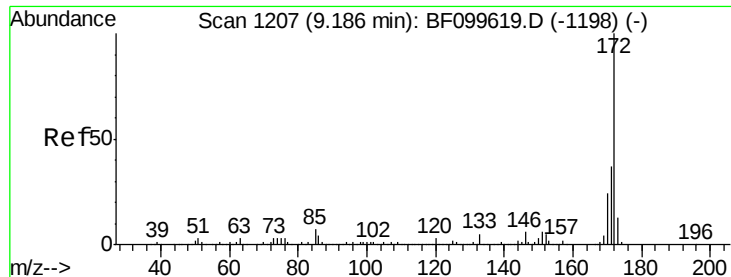
Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 36.3 29.9 44.9

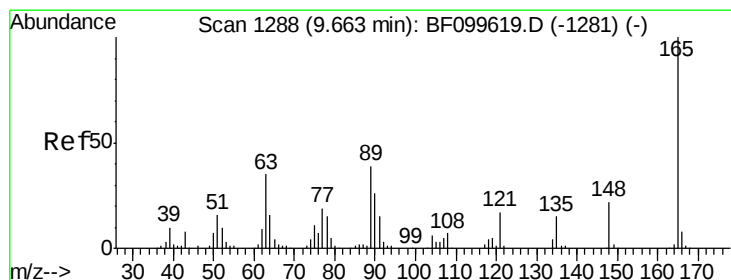
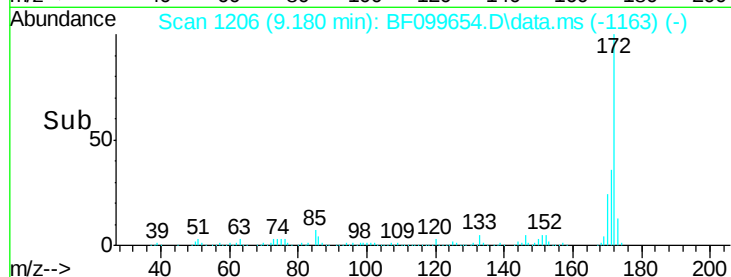
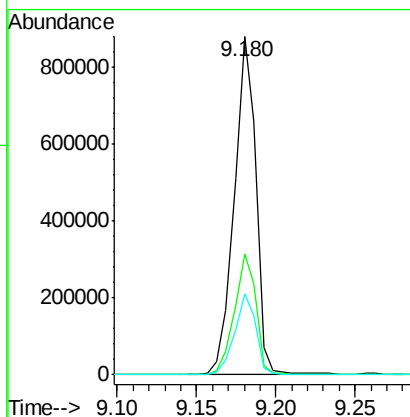
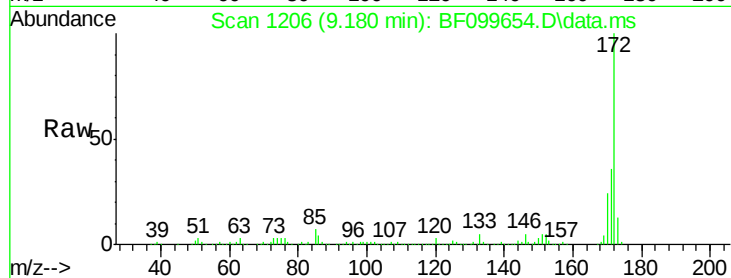




#44
2-Fluorobiphenyl
Concen: 127.90 ng
RT: 9.180 min Scan# 12
Delta R.T. -0.047 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

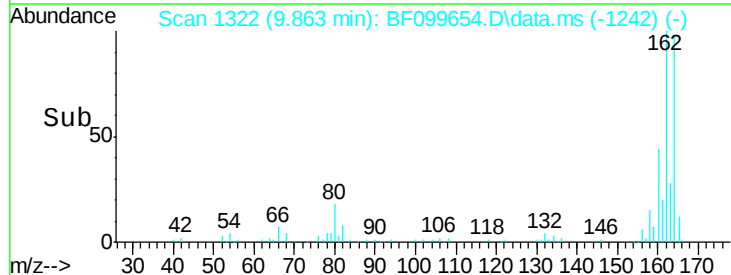
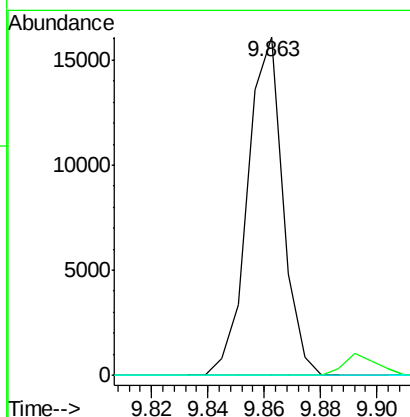
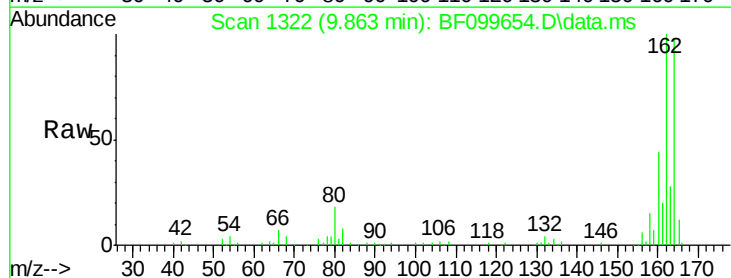
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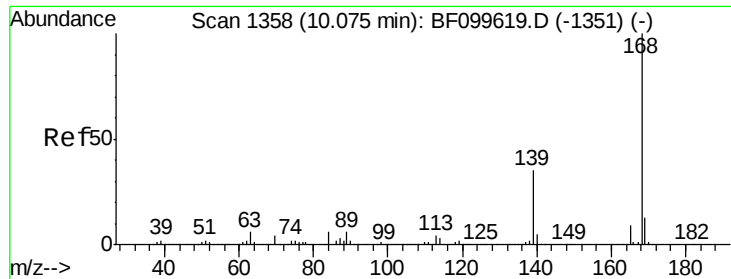
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4



#50
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.170 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

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





#54

Dibenzofuran

Concen: 2.00 ng

RT: 10.069 min Scan# 1357

Delta R.T. -0.047 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

Instrument :

BNA_F

ClientSampleId :

CL-02-101617-A

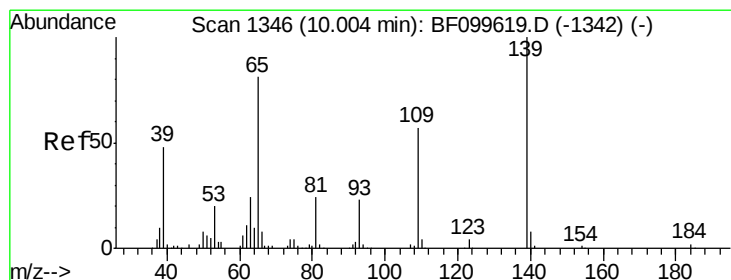
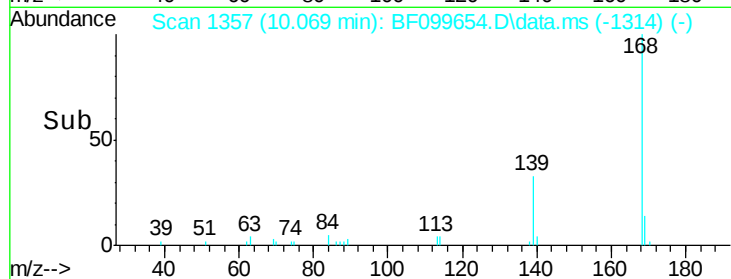
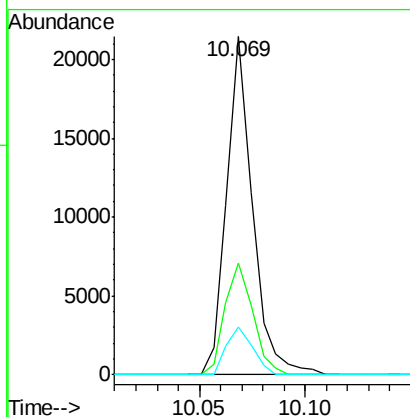
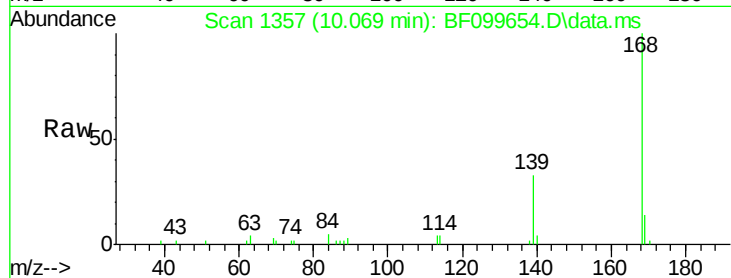
Tot Ion:168 Resp: 18114

Ion Ratio Lower Upper

168 100

139 32.9 30.1 45.1

169 14.2 10.9 16.3



#55

4-Nitrophenol

Concen: 3.66 ng

RT: 10.069 min Scan# 1357

Delta R.T. 0.047 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

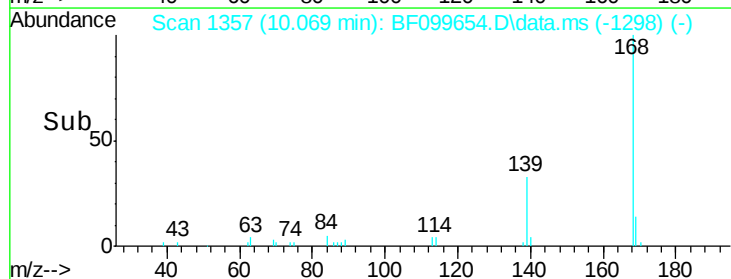
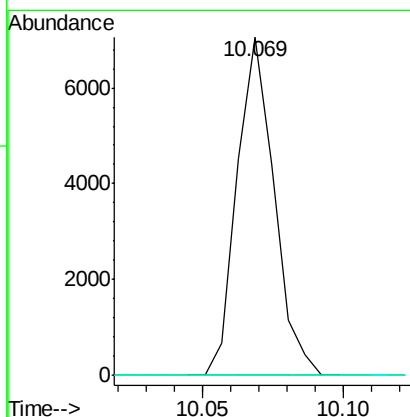
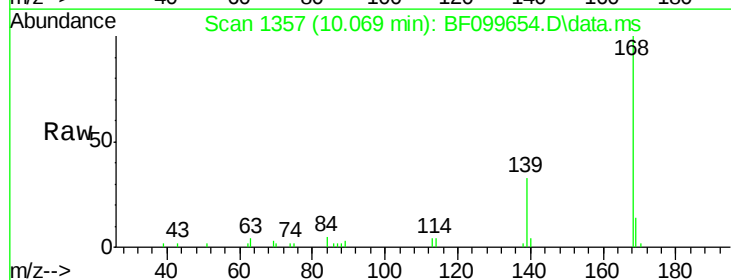
Tgt Ion:139 Resp: 6437

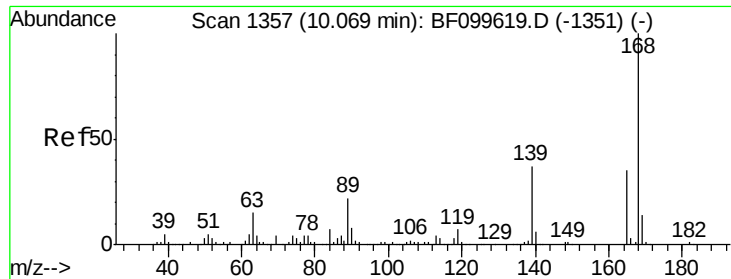
Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

65 0.0 72.6 112.6#

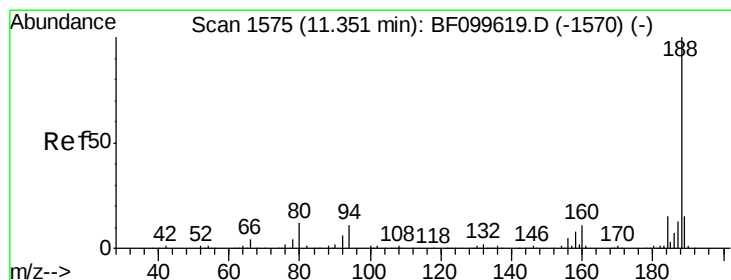
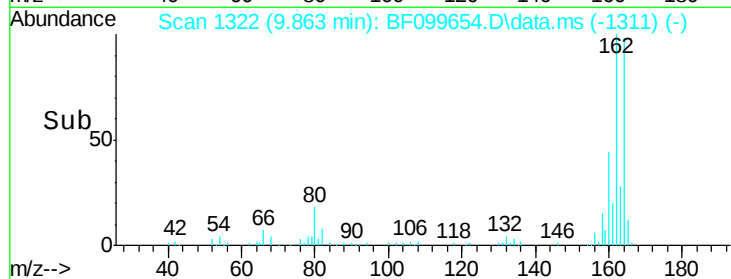
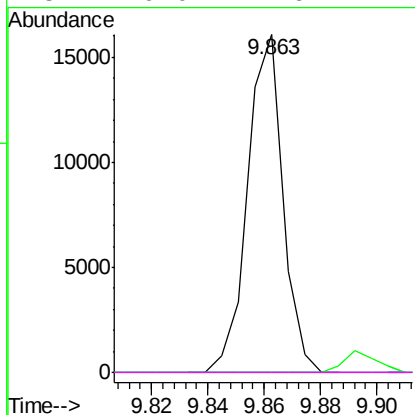
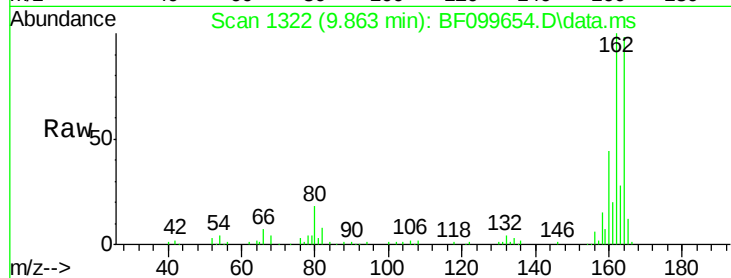




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.863 min Scan# 1357
 Delta R.T. -0.235 min
 Lab File: BF099654.D
 Acq: 19 Oct 2017 9:11

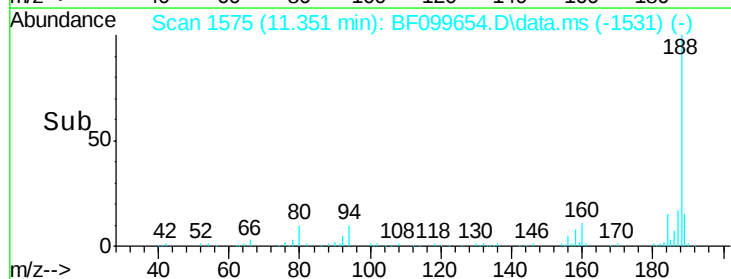
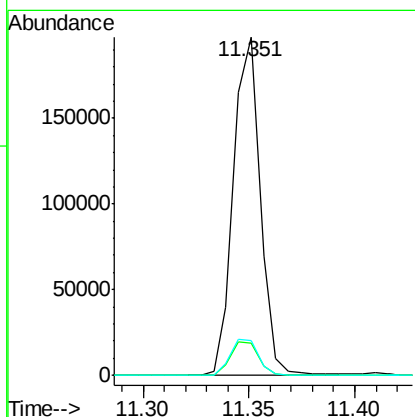
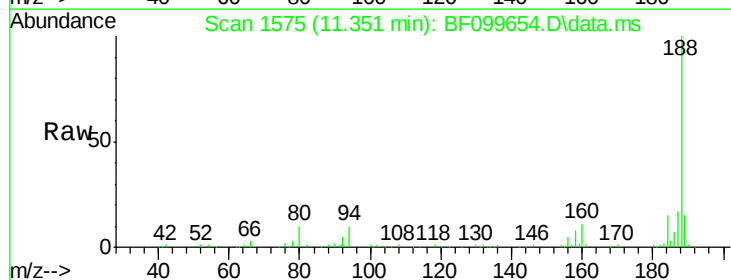
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-A

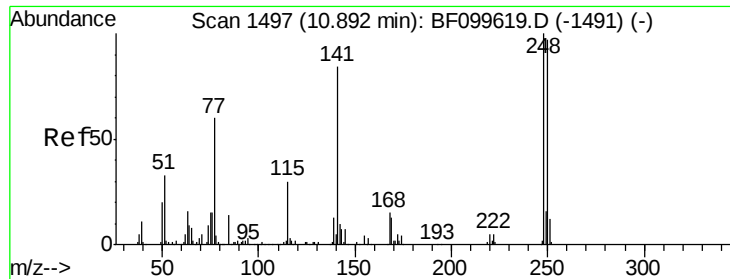
Tot Ion:	165	Resp:	13951
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.351 min Scan# 1575
 Delta R.T. -0.041 min
 Lab File: BF099654.D
 Acq: 19 Oct 2017 9:11

Tgt Ion:	188	Resp:	172939
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.2	9.2	13.8

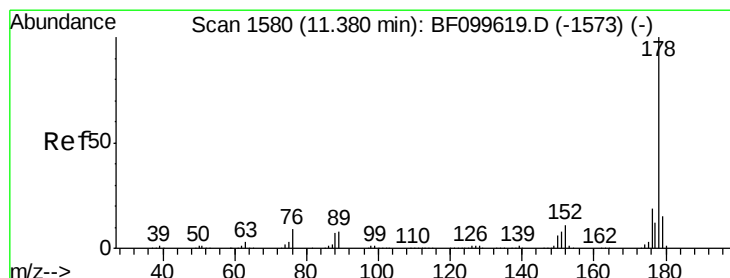
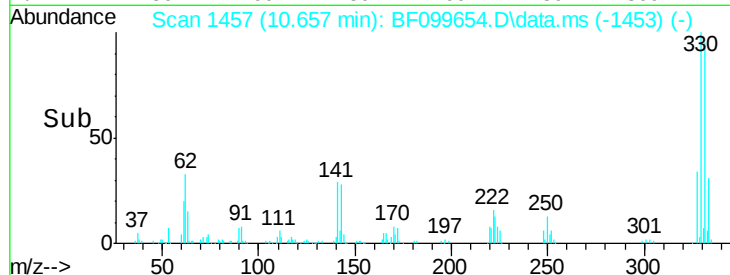
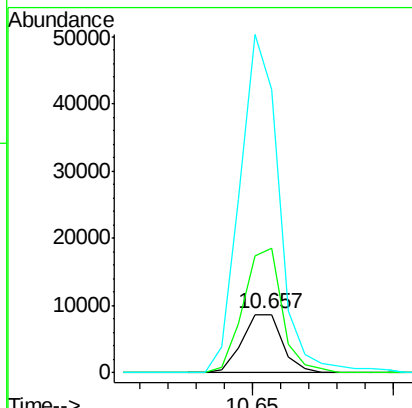
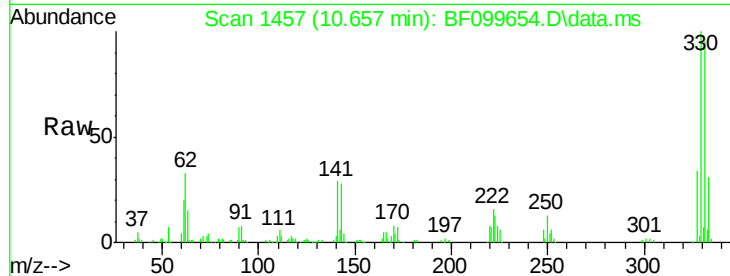




#66
4-Bromophenyl-phenylether
Concen: 5.01 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.277 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

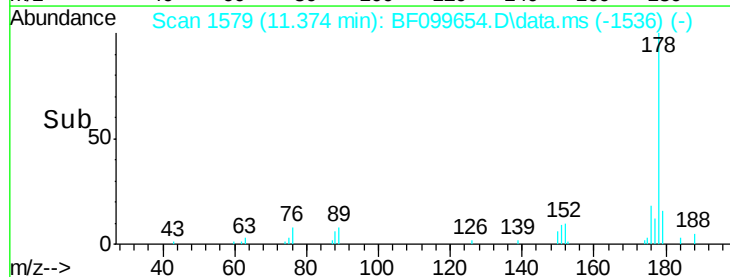
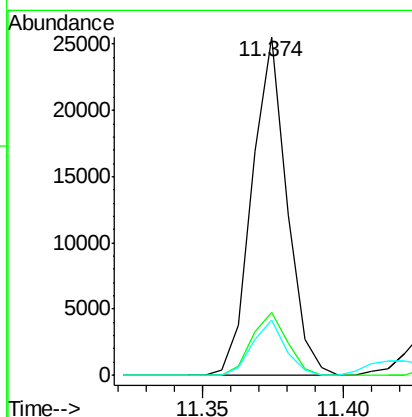
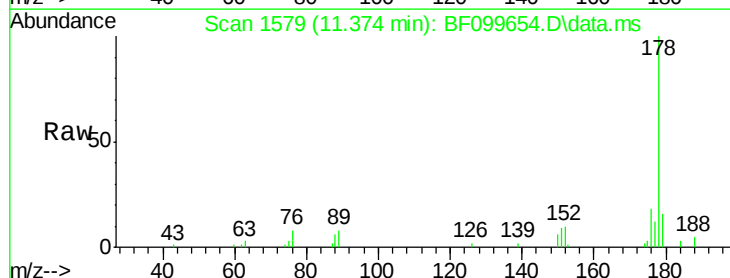
Instrument :
BNA_F
ClientSampleId :
CL-02-101617-A

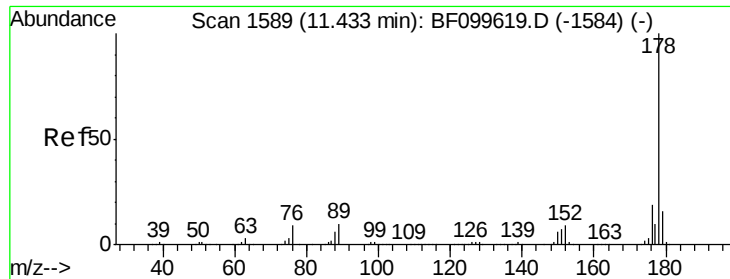
Tot Ion:248 Resp: 8488
Ion Ratio Lower Upper
248 100
250 213.6 76.9 115.3#
141 485.6 74.4 111.6#



#70
Phenanthrene
Concen: 2.37 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.047 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:178 Resp: 21912
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 16.4 13.0 19.6

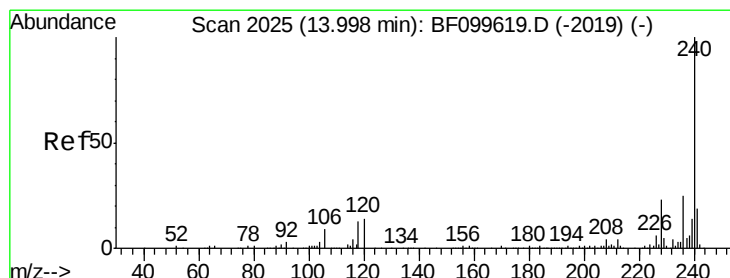
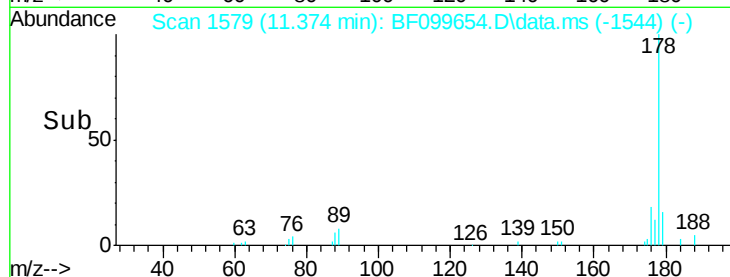
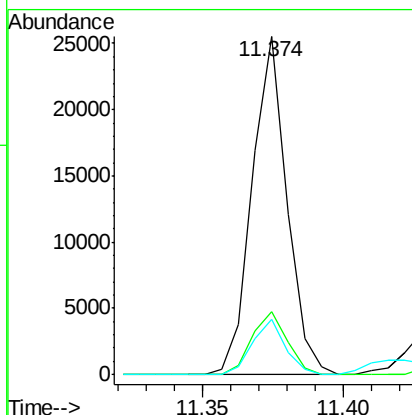
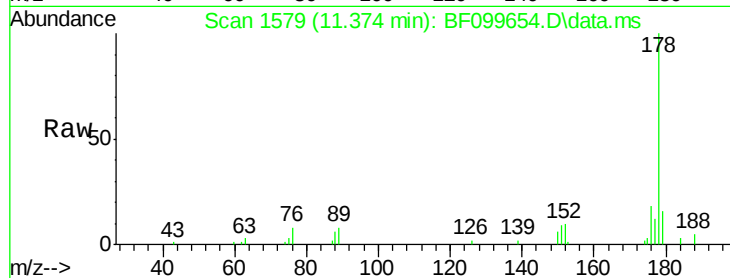




#71
 Anthracene
 Concen: 2.31 ng
 RT: 11.374 min Scan# 15
 Delta R.T. -0.094 min
 Lab File: BF099654.D
 Acq: 19 Oct 2017 9:11

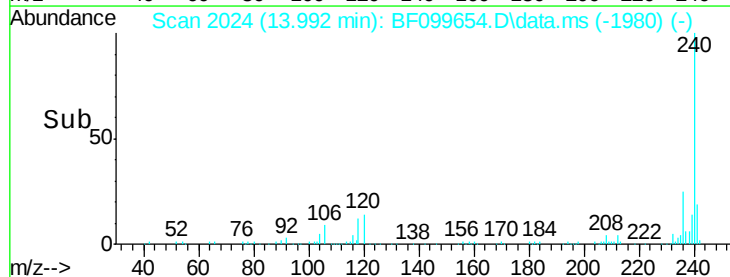
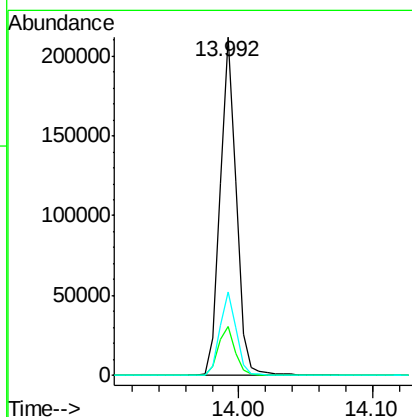
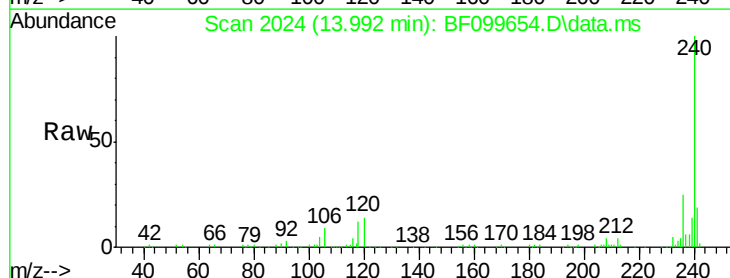
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-A

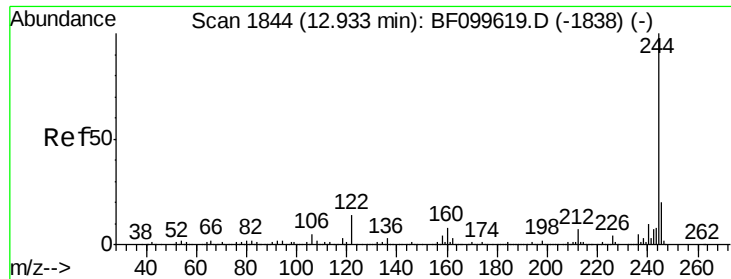
Tot Ion:178 Resp: 21912
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 16.4 12.6 19.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. -0.041 min
 Lab File: BF099654.D
 Acq: 19 Oct 2017 9:11

Tgt Ion:240 Resp: 182405
 Ion Ratio Lower Upper
 240 100
 120 14.4 9.5 14.3#
 236 24.8 20.7 31.1





#78

Terphenyl-d14

Concen: 85.27 ng

RT: 12.933 min Scan# 18

Delta R.T. -0.041 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

Instrument :

BNA_F

ClientSampleId :

CL-02-101617-A

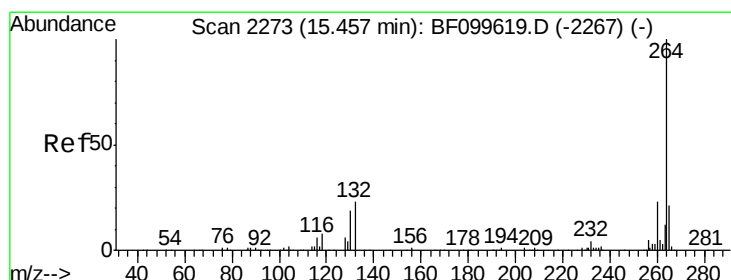
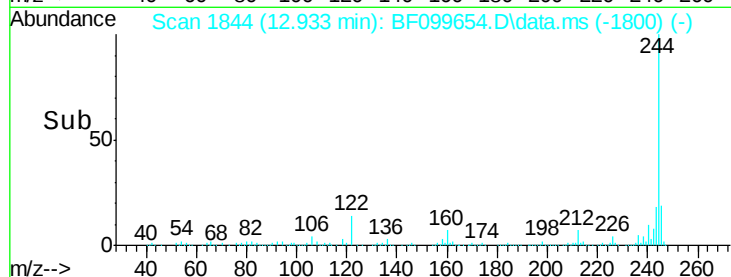
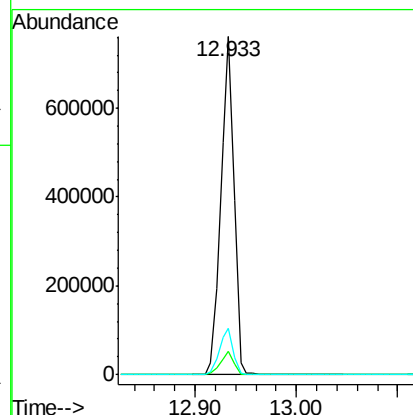
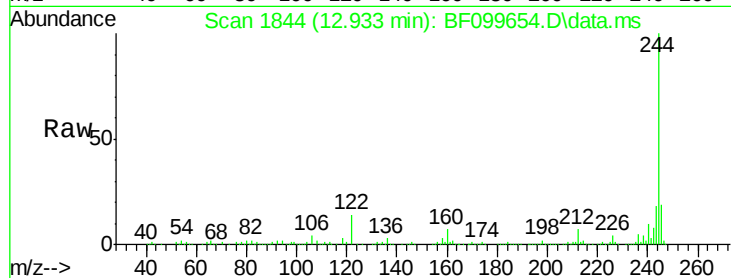
Tot Ion:244 Resp: 683883

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 13.6 11.0 16.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.456 min Scan# 2273

Delta R.T. -0.047 min

Lab File: BF099654.D

Acq: 19 Oct 2017 9:11

Tgt Ion:264 Resp: 141305

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.6 17.5 26.3

