

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129986.D
 Acq On : 24 Aug 2022 23:18
 Operator : CG\JU
 Sample : N4262-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Quant Time: Aug 25 04:17:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

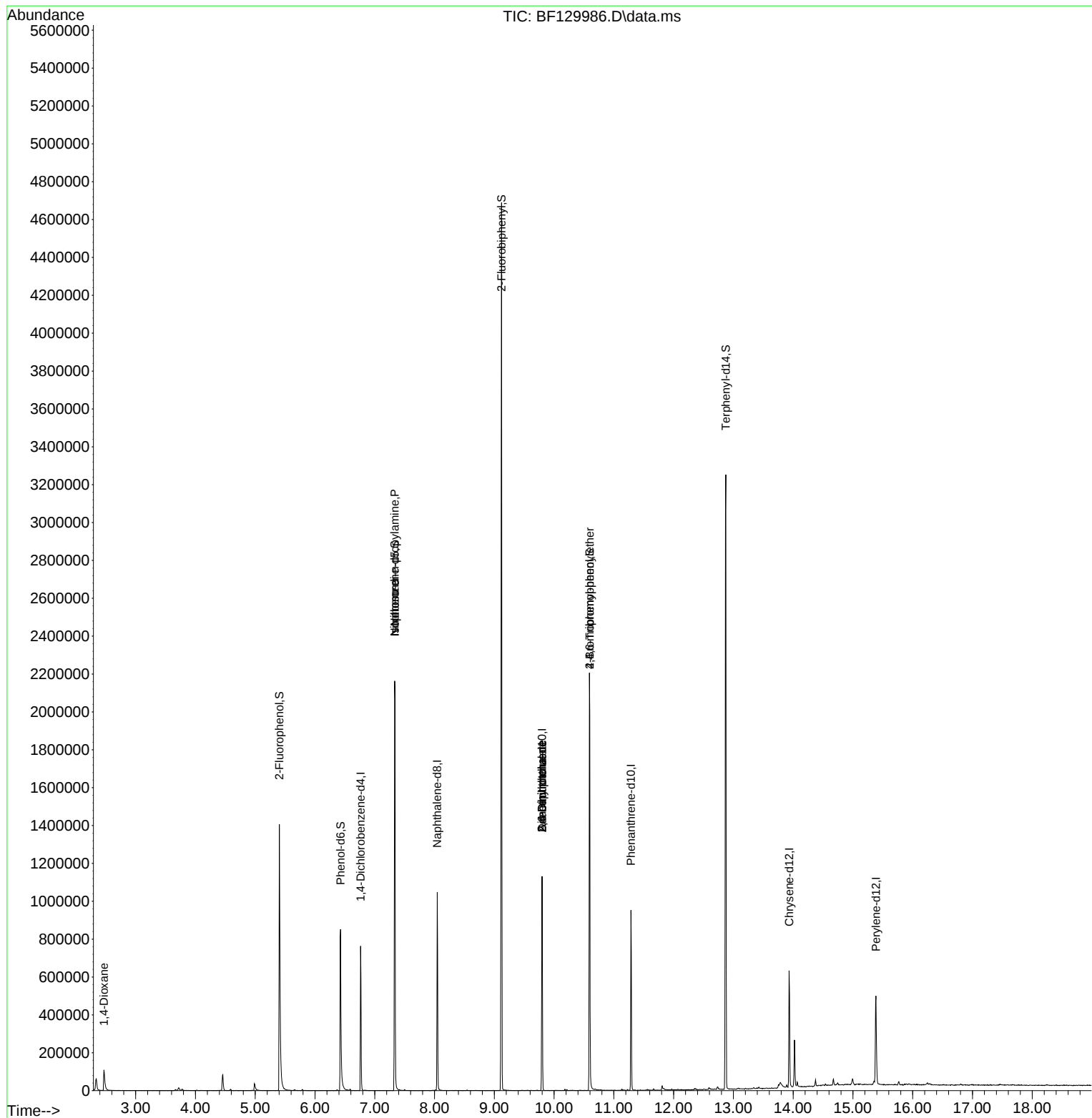
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	107077	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	421101	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	205213	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	317925	20.000	ng	0.00
76) Chrysene-d12	13.933	240	195101	20.000	ng	0.00
86) Perylene-d12	15.386	264	204538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	424292	65.607	ng	0.00
7) Phenol-d6	6.428	99	341702	42.192	ng	0.00
23) Nitrobenzene-d5	7.334	82	732720	93.146	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	249186	120.986	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1291565	95.590	ng	0.00
79) Terphenyl-d14	12.874	244	1091140	93.059	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.469	88	55900	20.951	ng	# 92
9) Benzaldehyde	6.428	77	638	Below Cal		# 1
19) n-Nitroso-di-n-propyla...	7.334	70	99419	19.421	ng	# 78
25) Isophorone	7.334	82	732714	54.118	ng	# 65
50) Dimethylphthalate	9.798	163	36342	2.470	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	26272	8.233	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	26272	6.342	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	15908	4.272	ng	# 1
77) Benzidine	12.874	184	15482	Below Cal		# 93

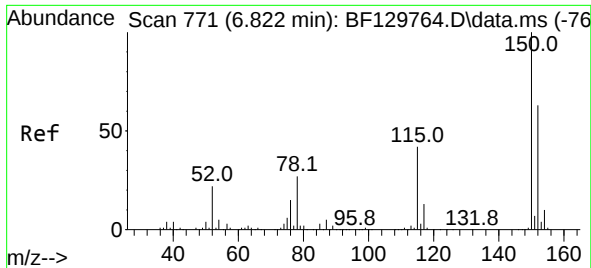
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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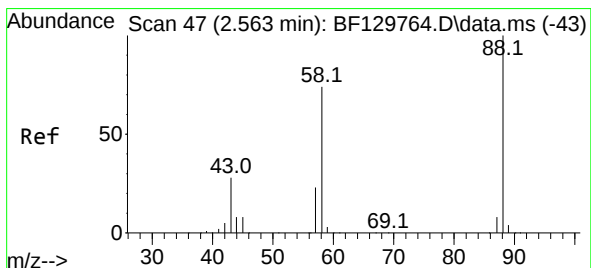
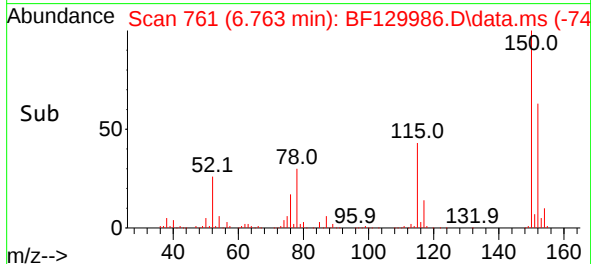
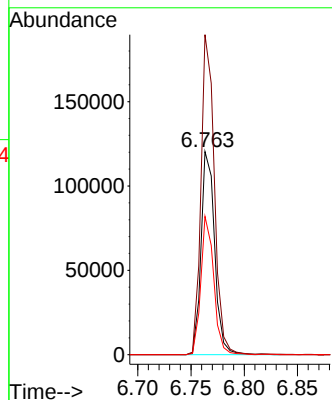
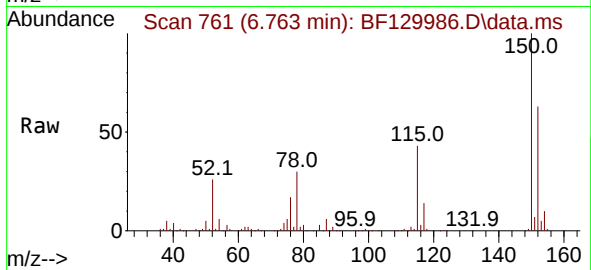




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BF129986.D
 Acq: 24 Aug 2022 23:18

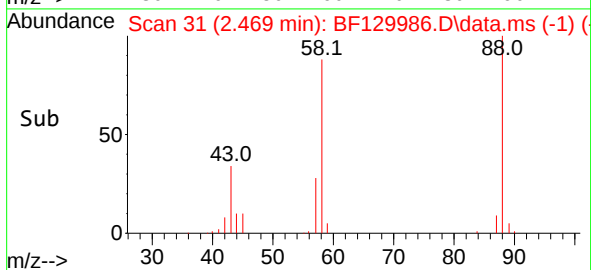
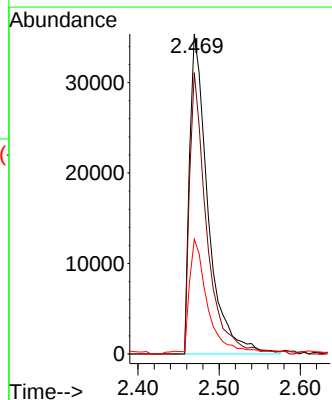
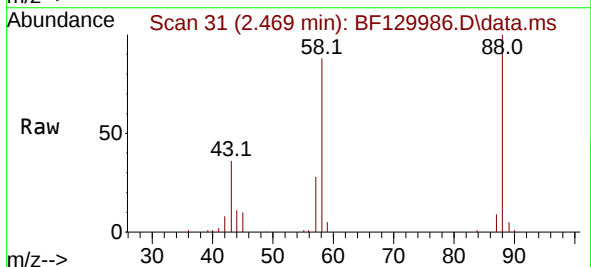
Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

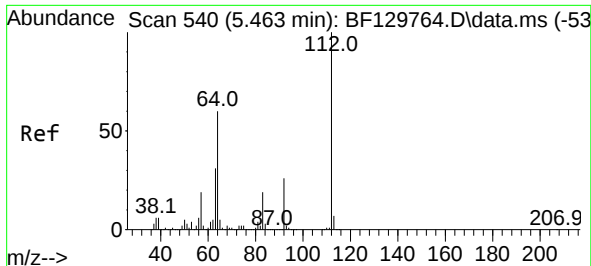
Tgt Ion:152 Resp: 107077
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.9 190.3
 115 68.1 53.4 80.0



#2
 1,4-Dioxane
 Concen: 20.951 ng
 RT: 2.469 min Scan# 31
 Delta R.T. 0.024 min
 Lab File: BF129986.D
 Acq: 24 Aug 2022 23:18

Tgt Ion: 88 Resp: 55900
 Ion Ratio Lower Upper
 88 100
 58 81.8 60.9 91.3
 43 36.2 23.6 35.4#

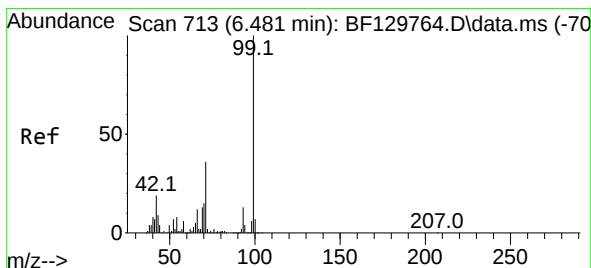
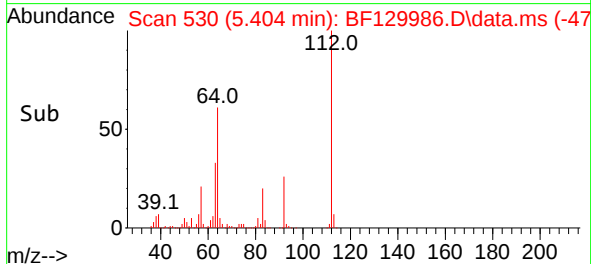
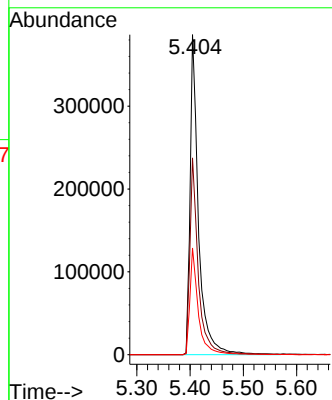
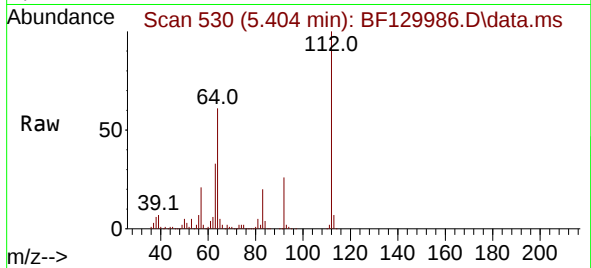




#5
2-Fluorophenol
Concen: 65.607 ng
RT: 5.404 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

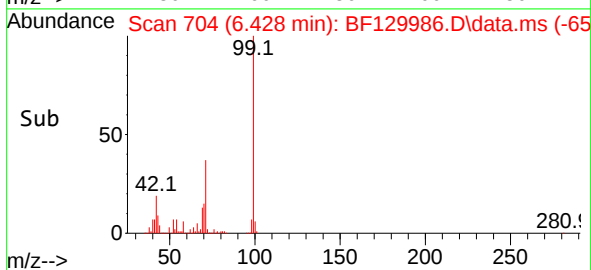
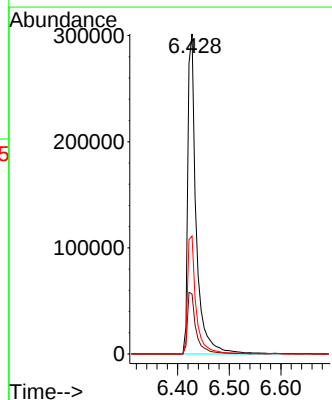
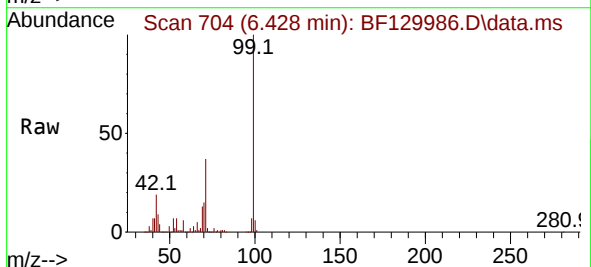
Instrument :
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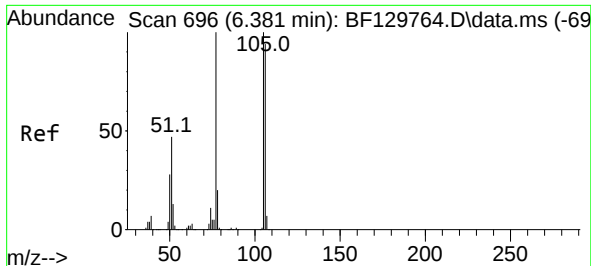
Tgt Ion:112 Resp: 424292
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 33.3 24.6 37.0



#7
Phenol-d6
Concen: 42.192 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Tgt Ion: 99 Resp: 341702
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.9 28.8 43.2

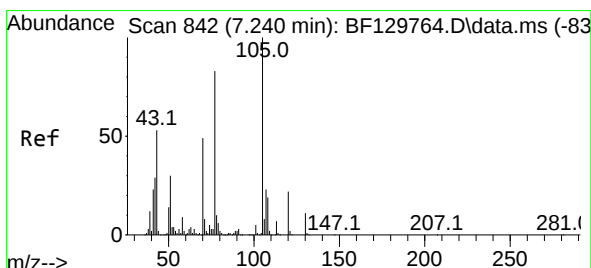
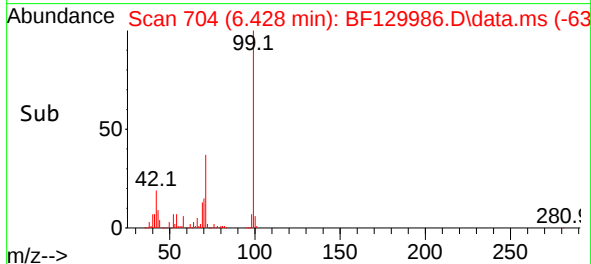
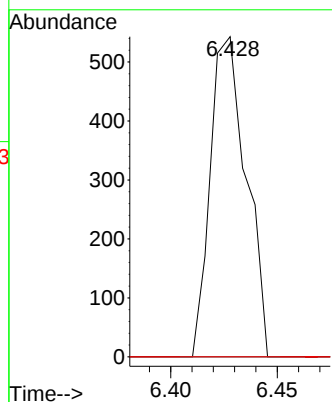
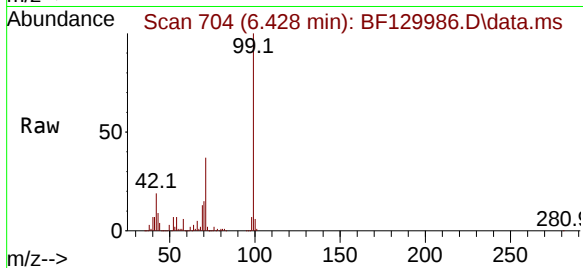




#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

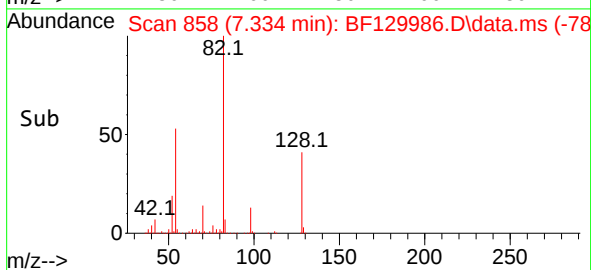
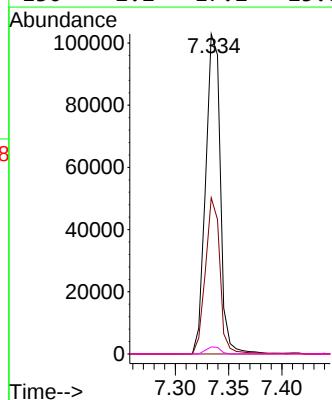
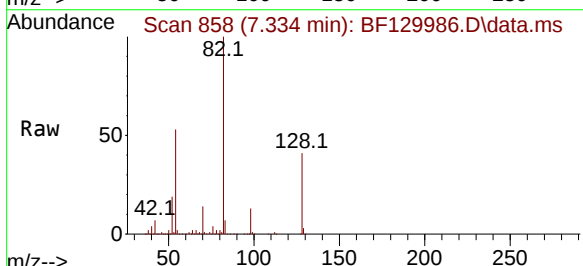
Instrument :
BNA_F
ClientSampleId :
MW-101I

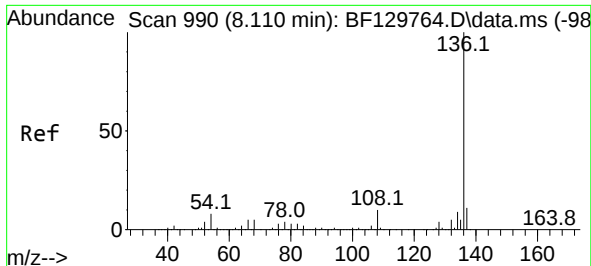
Tgt Ion: 77 Resp: 638
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.421 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.147 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Tgt Ion: 70 Resp: 99419
Ion Ratio Lower Upper
70 100
42 48.8 47.6 71.4
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.045 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129986.D

Acq: 24 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

MW-101I

Tgt Ion:136 Resp: 421101

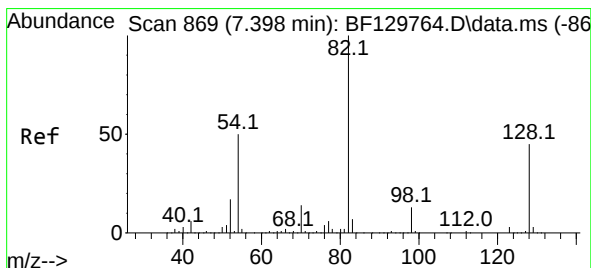
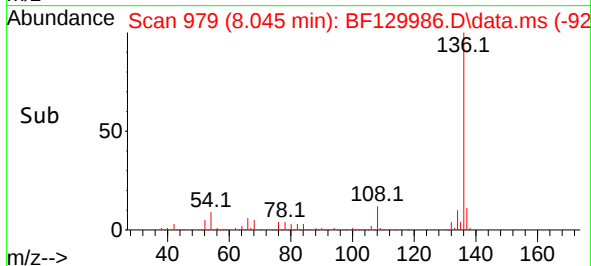
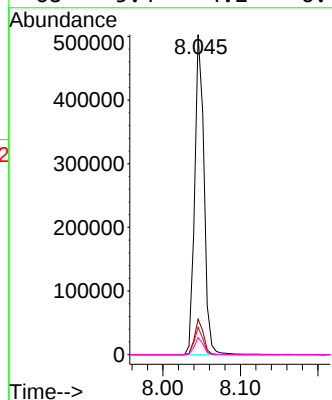
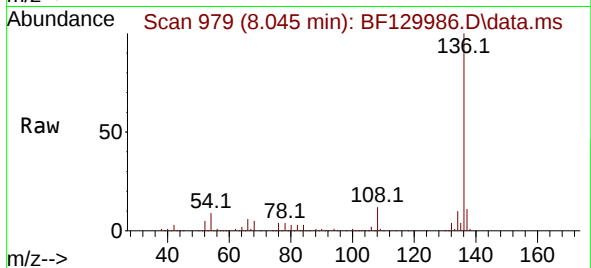
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.5 6.2 9.2

68 5.4 4.2 6.4



#23

Nitrobenzene-d5

Concen: 93.146 ng

RT: 7.334 min Scan# 858

Delta R.T. -0.006 min

Lab File: BF129986.D

Acq: 24 Aug 2022 23:18

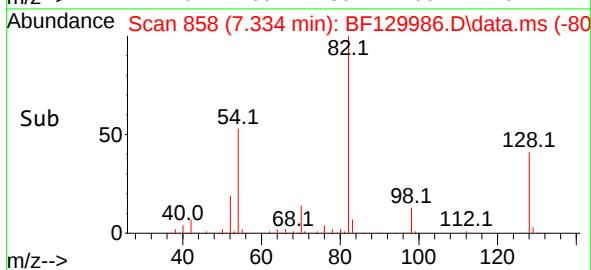
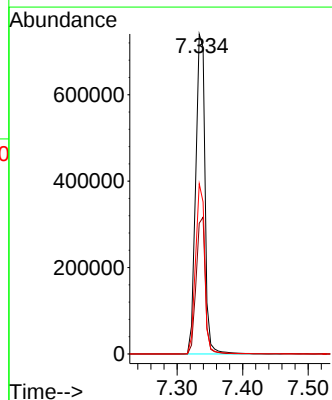
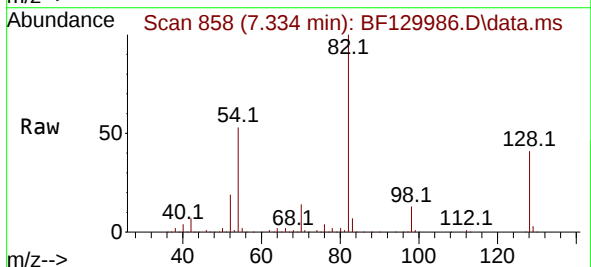
Tgt Ion: 82 Resp: 732720

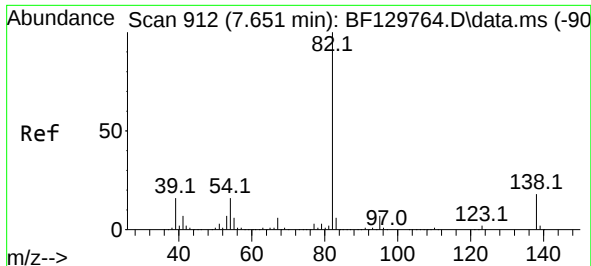
Ion Ratio Lower Upper

82 100

128 40.8 36.1 54.1

54 53.2 40.0 60.0

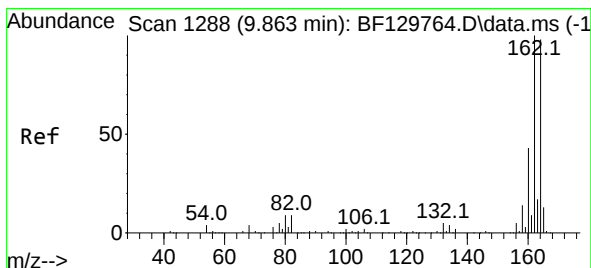
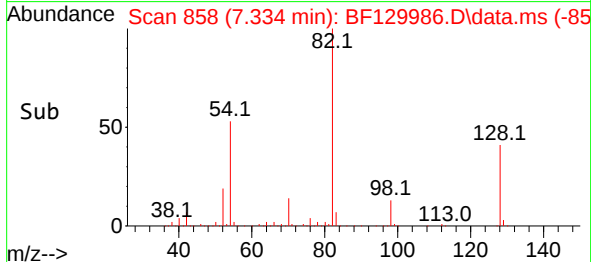
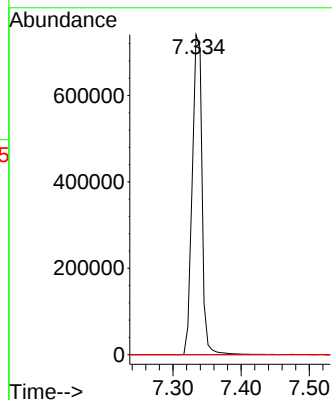
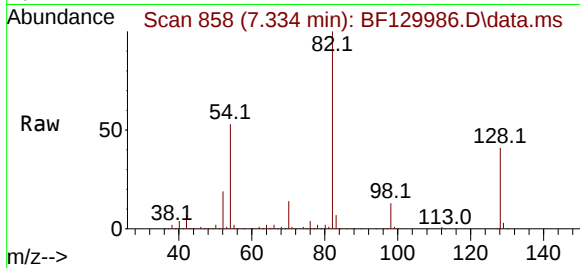




#25
Isophorone
Concen: 54.118 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

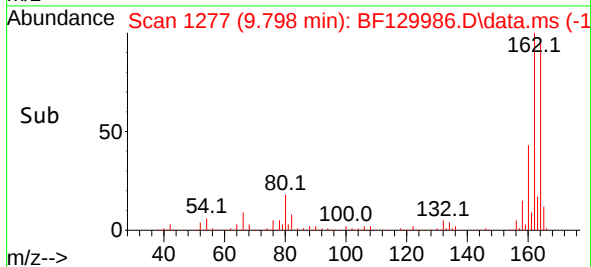
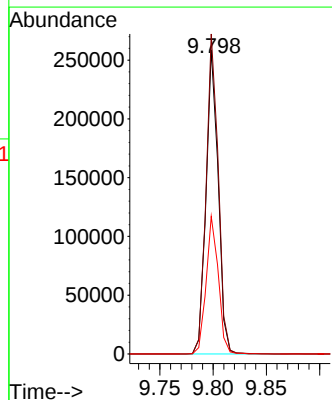
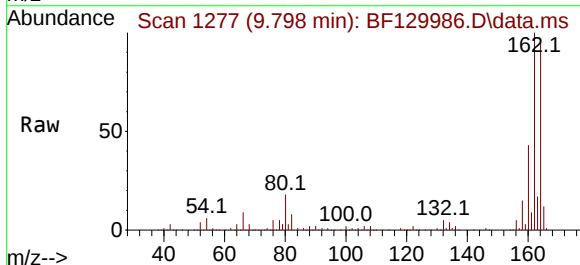
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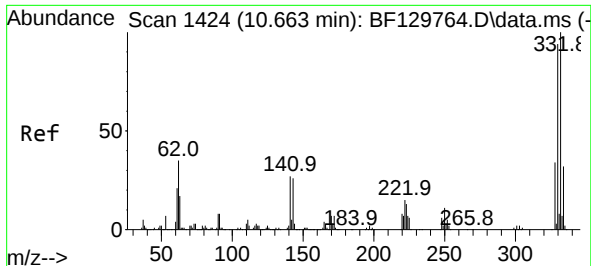
Tgt Ion: 82 Resp: 732714
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Tgt Ion:164 Resp: 205213
Ion Ratio Lower Upper
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162 105.2 82.0 123.0
160 45.2 35.4 53.0

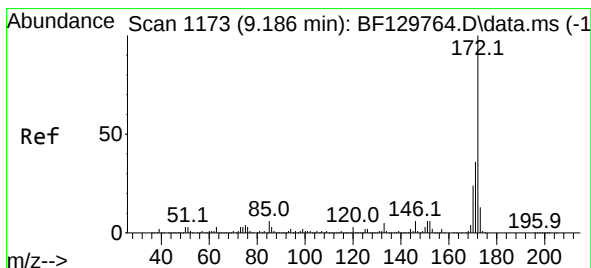
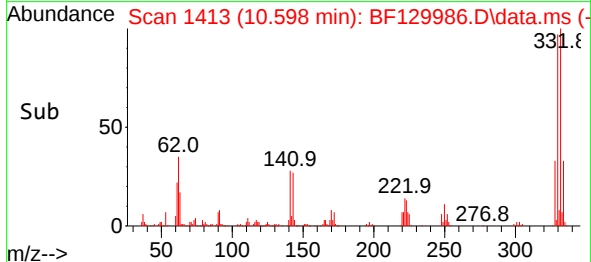
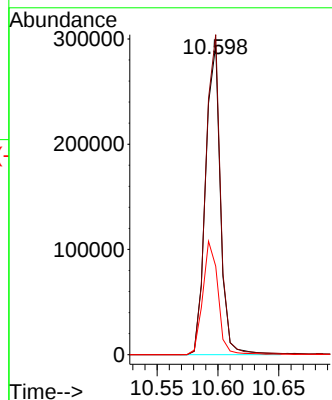
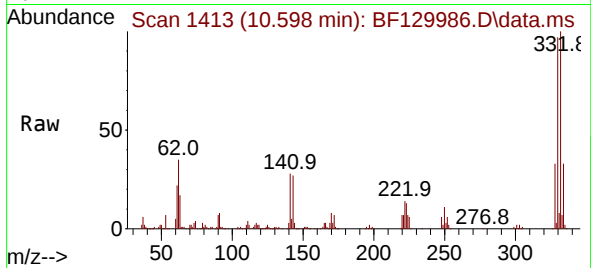




#42
2,4,6-Tribromophenol
Concen: 120.986 ng
RT: 10.598 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

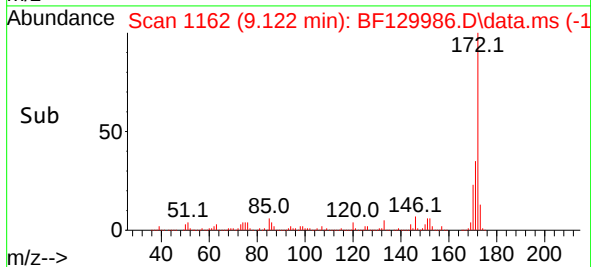
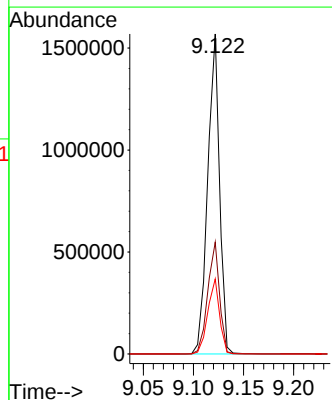
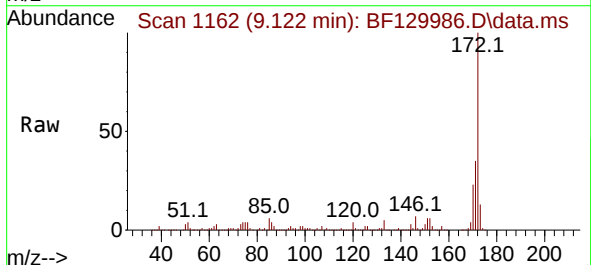
Instrument :
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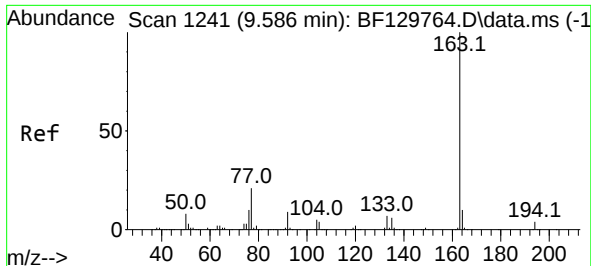
Tgt Ion:330 Resp: 249186
Ion Ratio Lower Upper
330 100
332 102.9 82.6 124.0
141 37.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 95.590 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Tgt Ion:172 Resp: 1291565
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.4 19.1 28.7

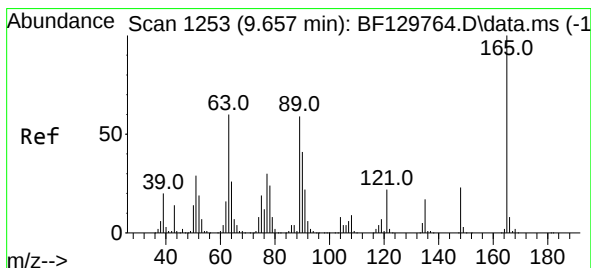
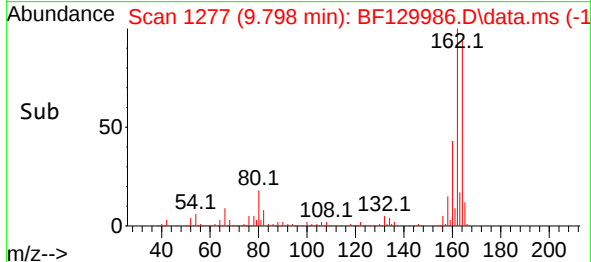
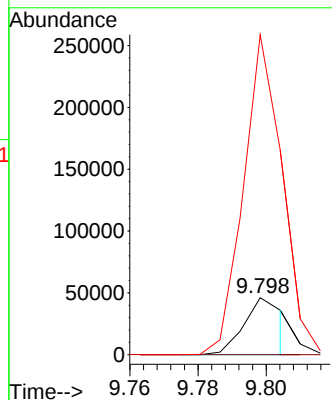
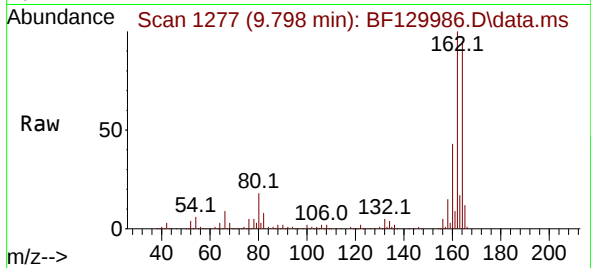




#50
Dimethylphthalate
Concen: 2.470 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

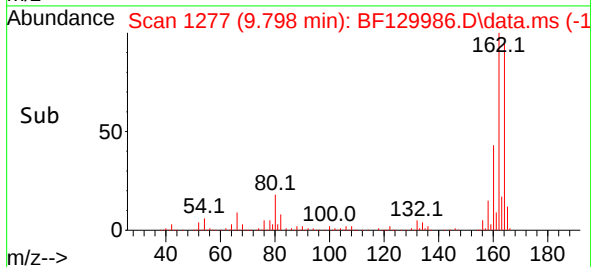
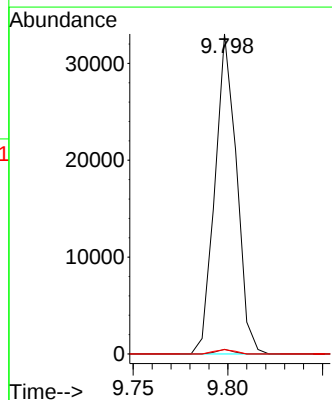
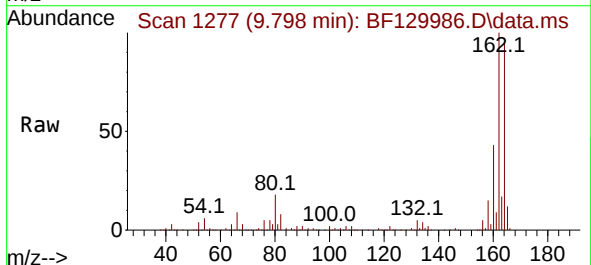
Instrument :
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ClientSampleId :
MW-101I

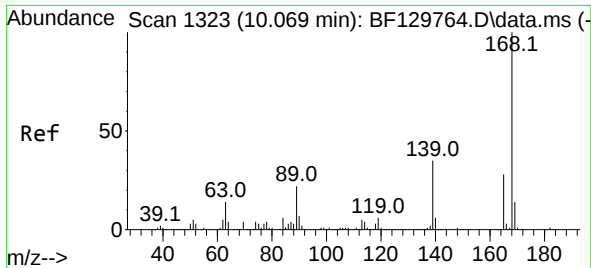
Tgt Ion:163 Resp: 36342
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 561.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.233 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Tgt Ion:165 Resp: 26272
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 1.4 47.2 70.8#

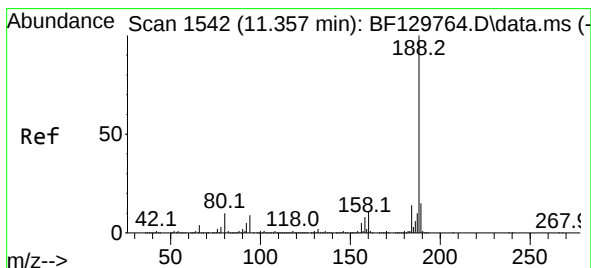
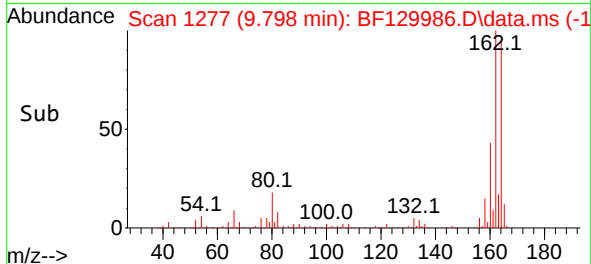
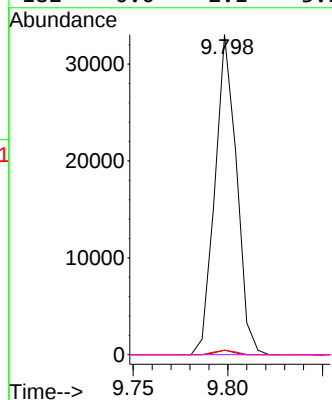
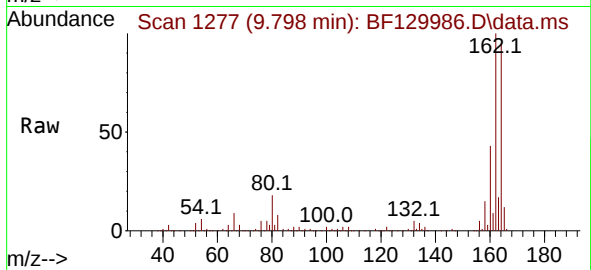




#57
2,4-Dinitrotoluene
Concen: 6.342 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

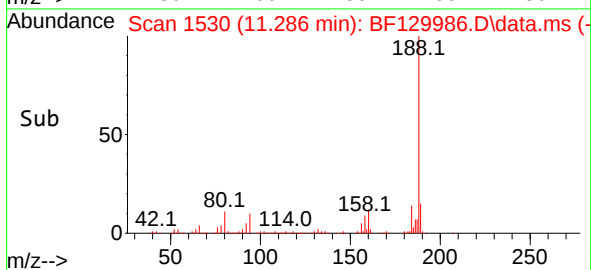
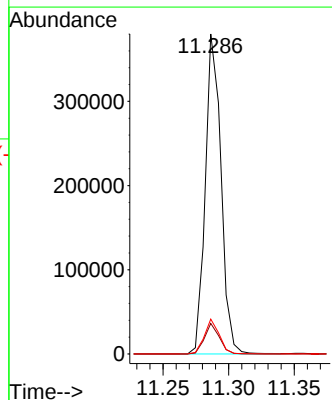
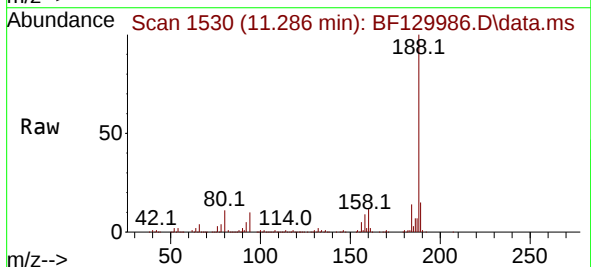
Instrument :
BNA_F
ClientSampleId :
MW-101I

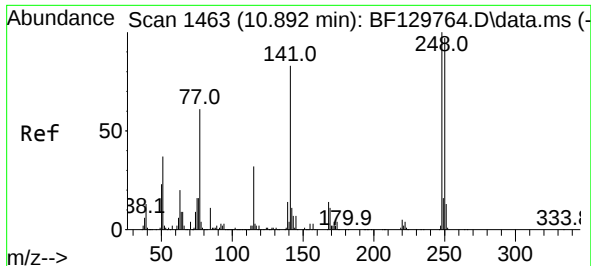
Tgt Ion:165	Resp:	26272
Ion Ratio	Lower	Upper
165	100	
63	1.4	48.4 72.6#
89	1.4	62.3 93.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Tgt Ion:188	Resp:	317925
Ion Ratio	Lower	Upper
188	100	
94	9.6	7.4 11.2
80	10.9	7.9 11.9

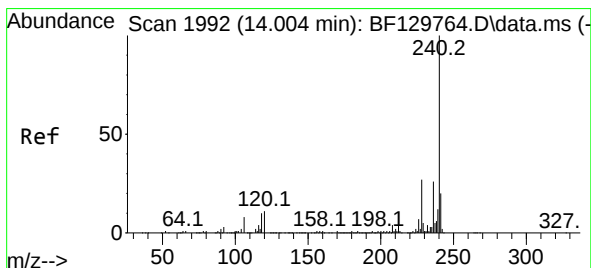
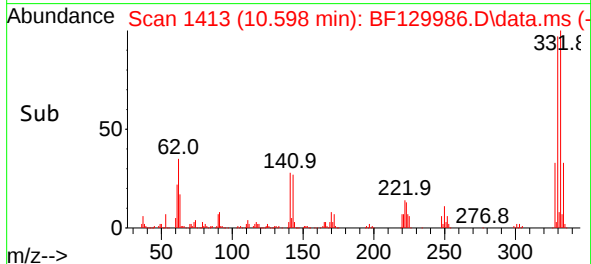
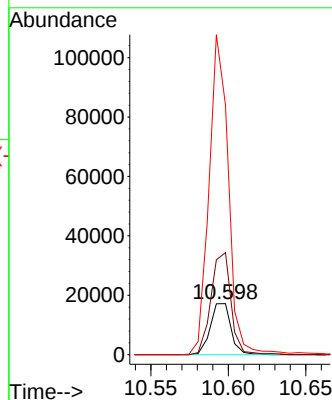
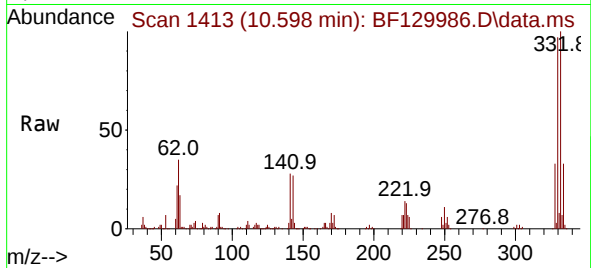




#67
4-Bromophenyl-phenylether
Concen: 4.272 ng
RT: 10.598 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

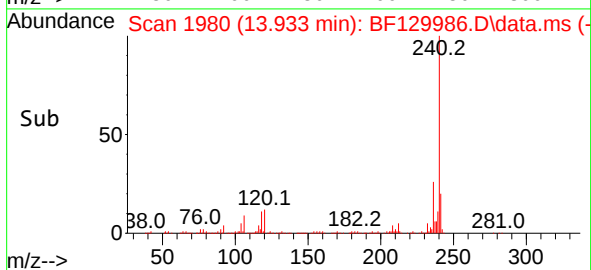
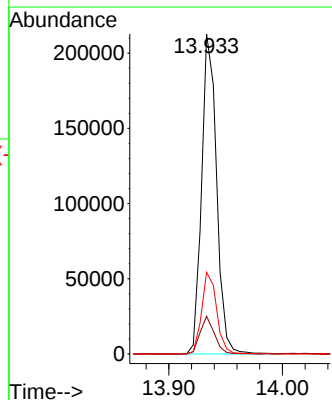
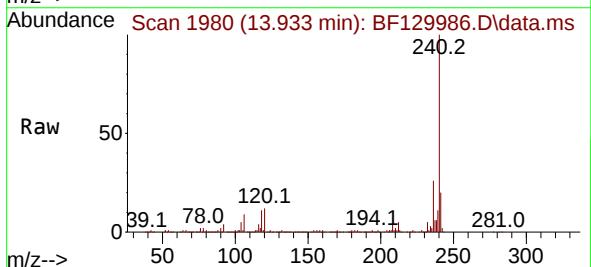
Instrument :
BNA_F
ClientSampleId :
MW-101I

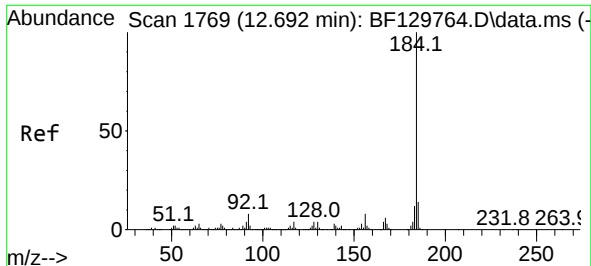
Tgt Ion:248 Resp: 15908
Ion Ratio Lower Upper
248 100
250 199.7 77.8 116.6#
141 488.2 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Tgt Ion:240 Resp: 195101
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.5 20.7 31.1

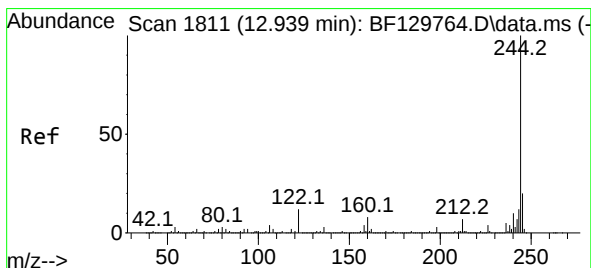
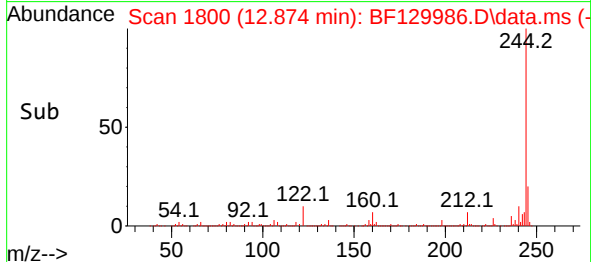
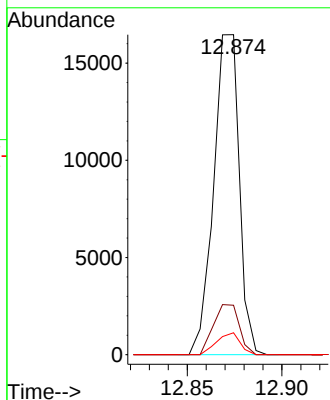
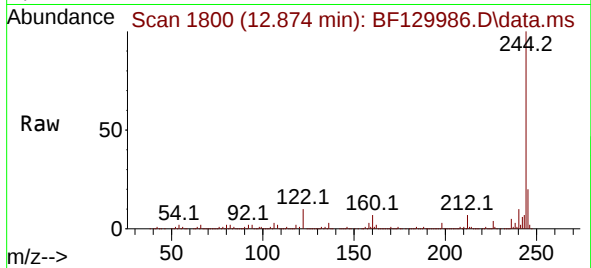




#77
Benzidine
Concen: Below Cal
RT: 12.874 min Scan# 1800
Delta R.T. 0.241 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

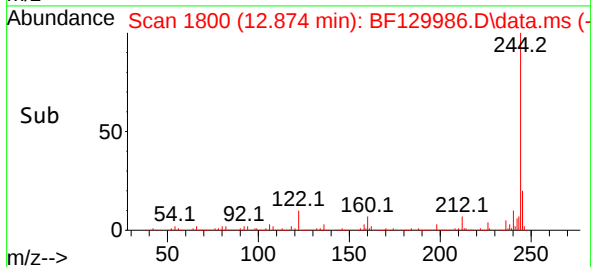
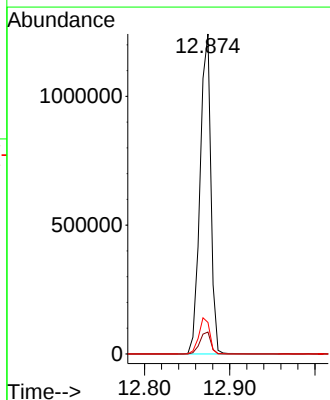
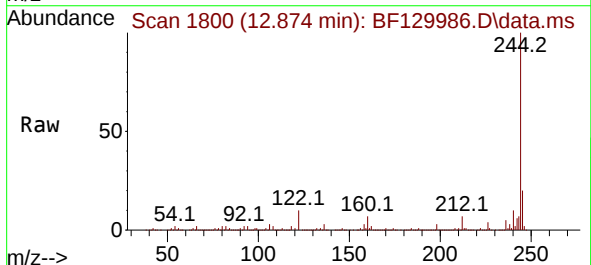
Instrument :
BNA_F
ClientSampleId :
MW-101I

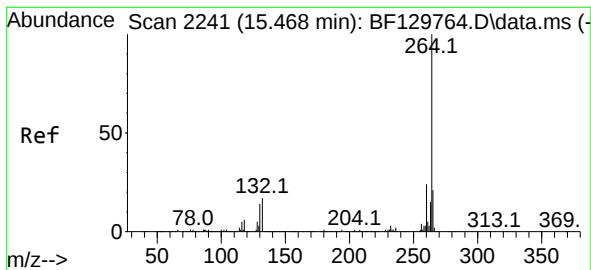
Tgt Ion:184 Resp: 15482
Ion Ratio Lower Upper
184 100
185 15.5 11.4 17.2
183 6.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 93.059 ng
RT: 12.874 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF129986.D
Acq: 24 Aug 2022 23:18

Tgt Ion:244 Resp: 1091140
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.9 9.9 14.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129986.D

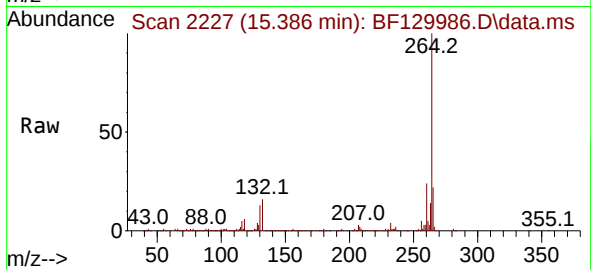
Acq: 24 Aug 2022 23:18

Instrument :

BNA_F

ClientSampleId :

MW-101I



Tgt Ion:264 Resp: 204538

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.9 16.7 25.1

