

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129987.D
 Acq On : 24 Aug 2022 23:53
 Operator : CG\JU
 Sample : N4262-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101D

Quant Time: Aug 25 04:17:49 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)

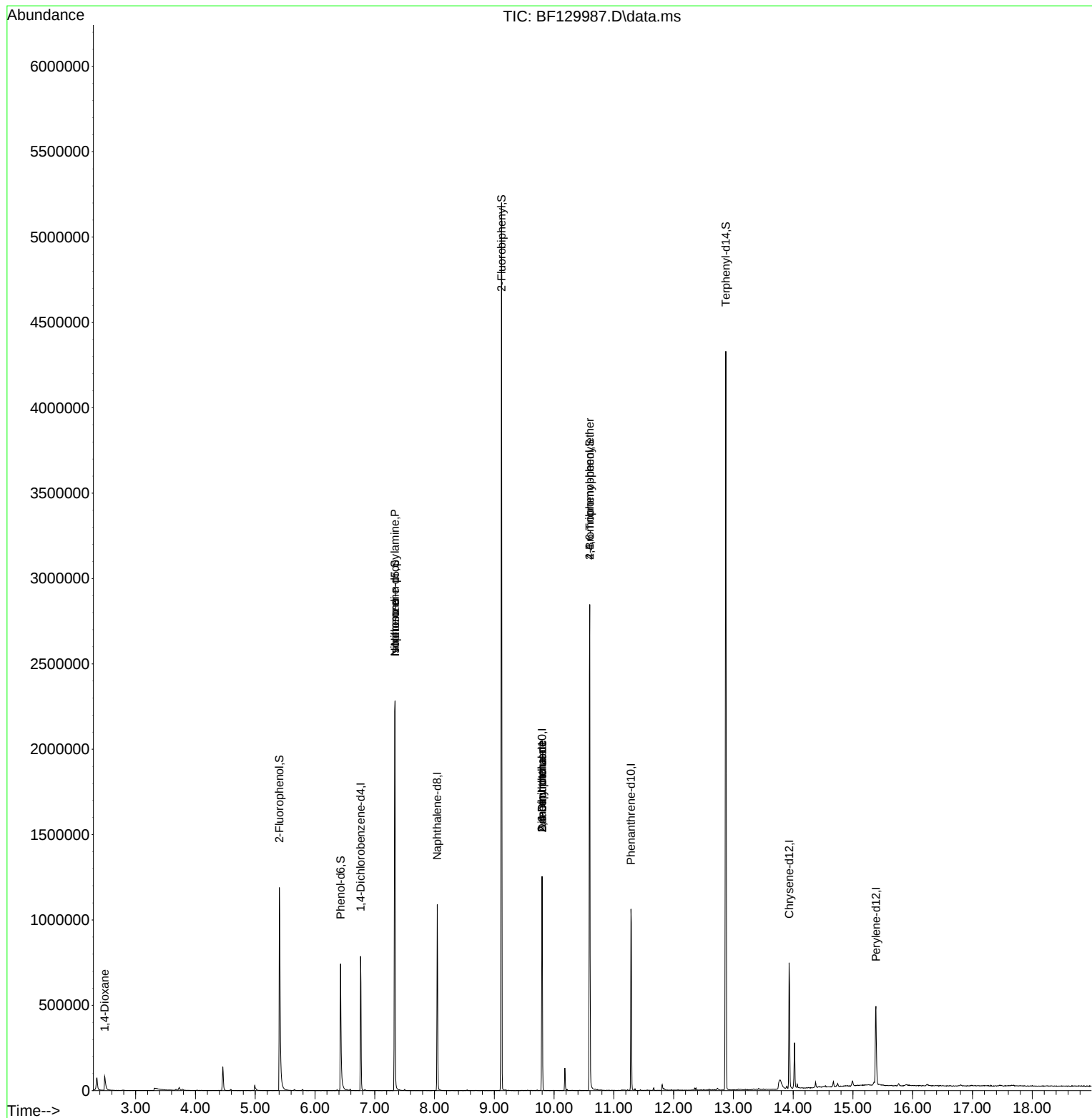
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	110210	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	448113	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	232110	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	386918	20.000	ng	0.00
76) Chrysene-d12	13.933	240	239698	20.000	ng	0.00
86) Perylene-d12	15.386	264	210208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	385414	57.901	ng	0.00
7) Phenol-d6	6.428	99	282510	33.892	ng	0.00
23) Nitrobenzene-d5	7.339	82	787765	94.107	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	319751	137.257	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1429626	93.547	ng	0.00
79) Terphenyl-d14	12.874	244	1392366	96.655	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	43333	15.779	ng	93
9) Benzaldehyde	6.428	77	566	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.339	70	107626	20.427	ng	# 77
25) Isophorone	7.339	82	787757	54.676	ng	# 65
50) Dimethylphthalate	9.798	163	40651	2.443	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	30230	8.375	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	30230	6.452	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	20379	4.497	ng	# 1
77) Benzidine	12.874	184	20035	Below Cal	#	92

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

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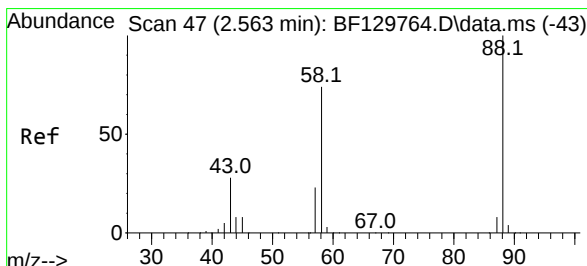
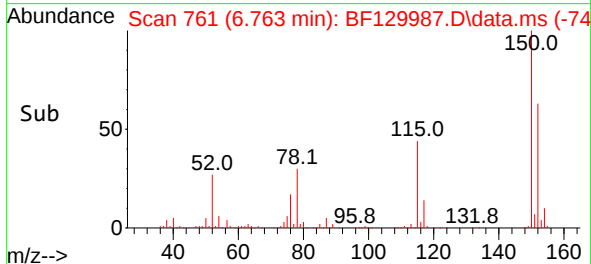
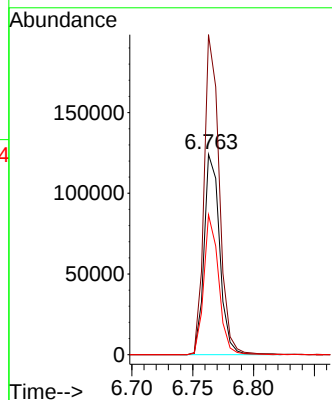
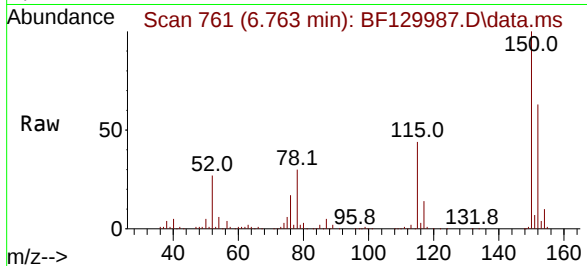




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BF129987.D
 Acq: 24 Aug 2022 23:53

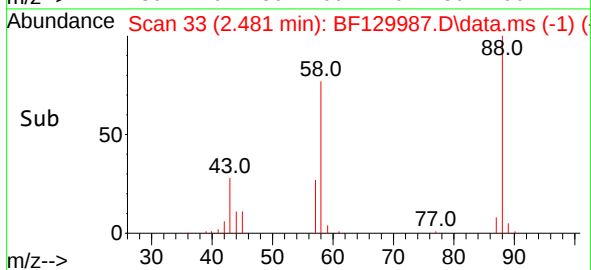
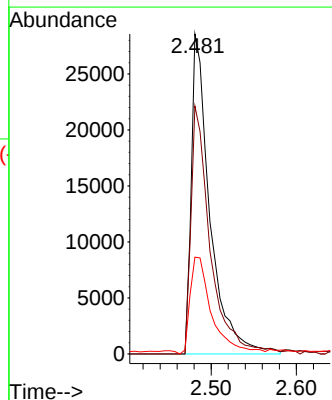
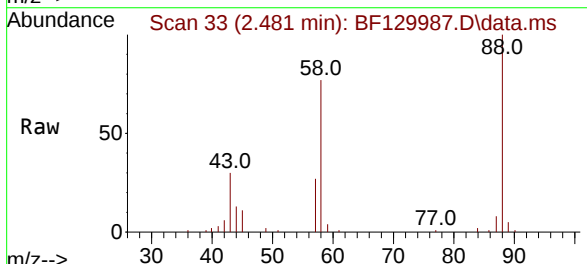
Instrument :
 BNA_F
 ClientSampleId :
 MW-101D

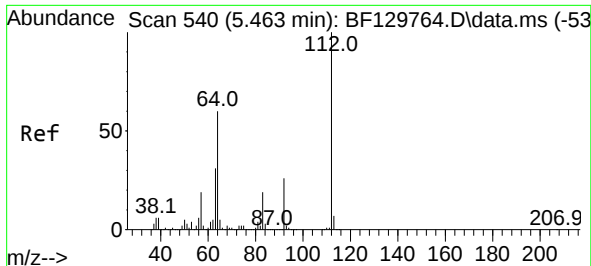
Tgt Ion:152 Resp: 110210
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.9 190.3
 115 69.8 53.4 80.0



#2
 1,4-Dioxane
 Concen: 15.779 ng
 RT: 2.481 min Scan# 33
 Delta R.T. 0.035 min
 Lab File: BF129987.D
 Acq: 24 Aug 2022 23:53

Tgt Ion: 88 Resp: 43333
 Ion Ratio Lower Upper
 88 100
 58 80.6 60.9 91.3
 43 35.4 23.6 35.4

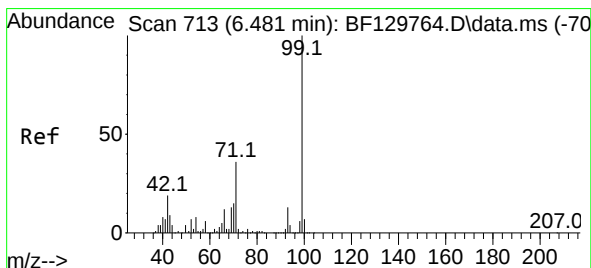
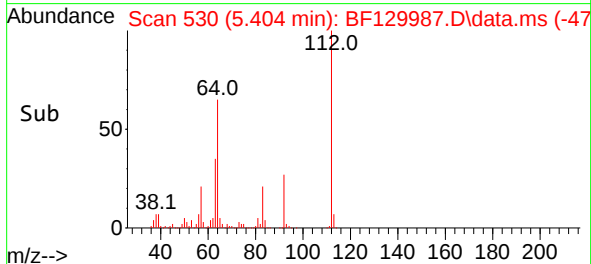
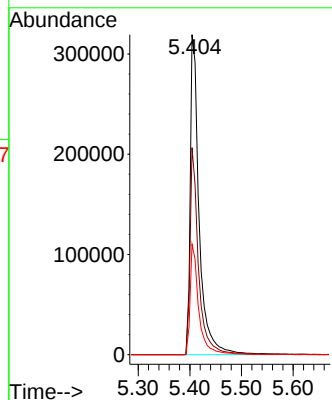
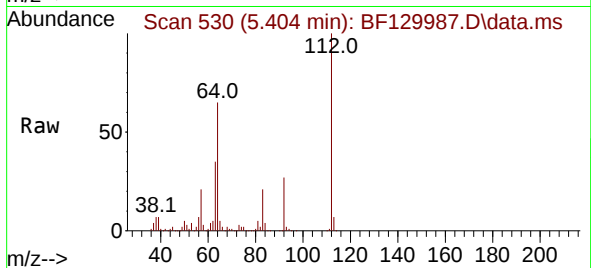




#5
2-Fluorophenol
Concen: 57.901 ng
RT: 5.404 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

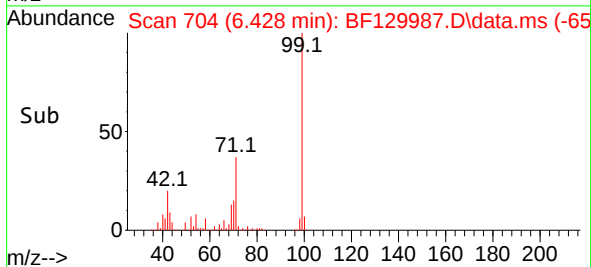
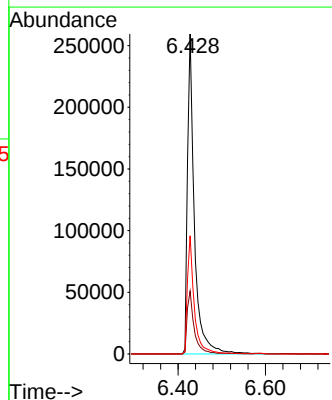
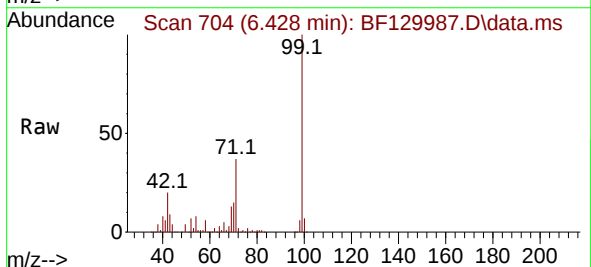
Instrument :
BNA_F
ClientSampleId :
MW-101D

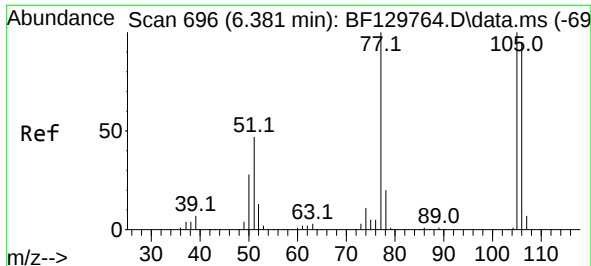
Tgt Ion:112 Resp: 385414
Ion Ratio Lower Upper
112 100
64 64.7 47.6 71.4
63 34.5 24.6 37.0



#7
Phenol-d6
Concen: 33.892 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion: 99 Resp: 282510
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 37.0 28.8 43.2

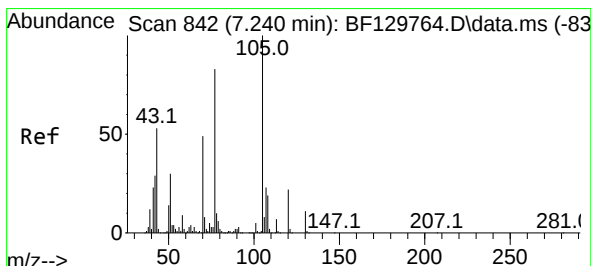
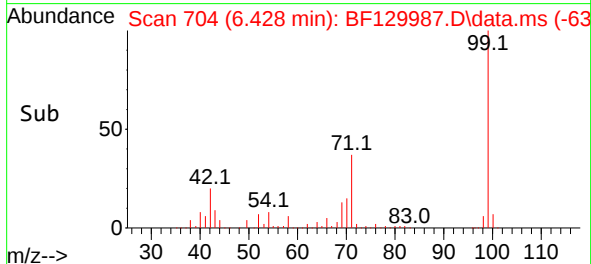
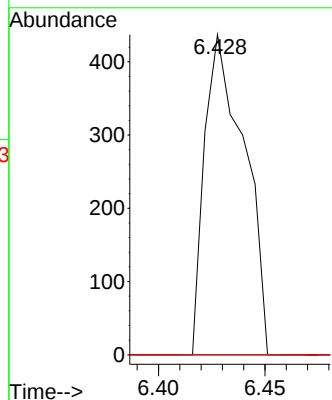
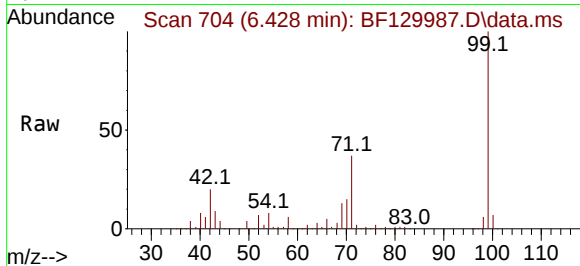




#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

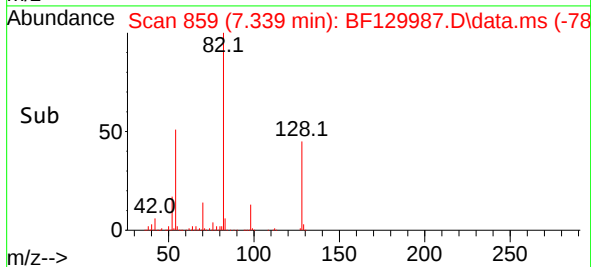
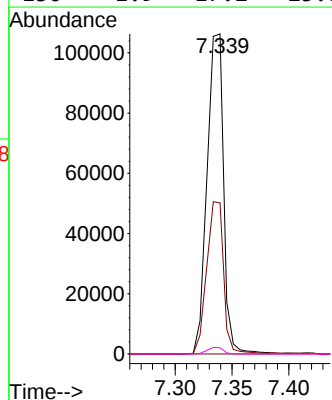
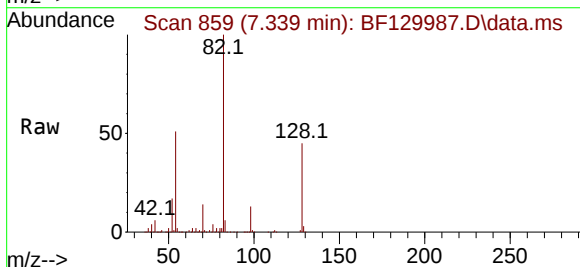
Instrument :
BNA_F
ClientSampleId :
MW-101D

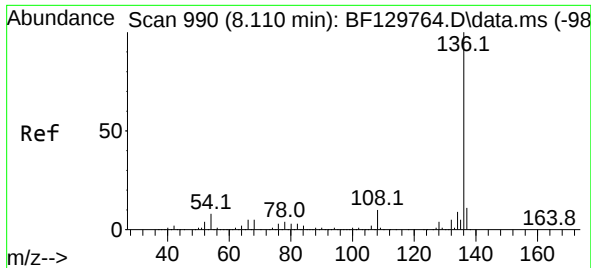
Tgt Ion: 77 Resp: 566
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#



#19
n-Nitroso-di-n-propylamine
Concen: 20.427 ng
RT: 7.339 min Scan# 859
Delta R.T. 0.153 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion: 70 Resp: 107626
Ion Ratio Lower Upper
70 100
42 47.2 47.6 71.4#
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#



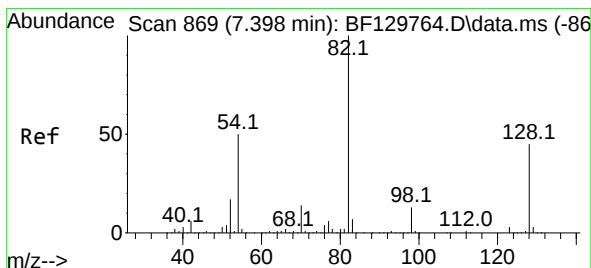
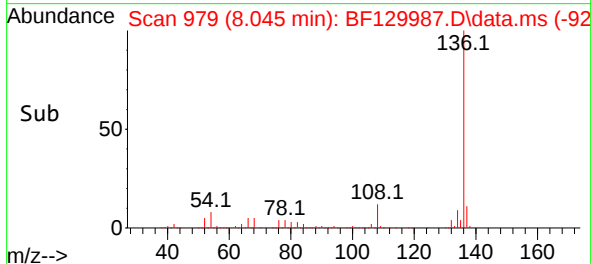
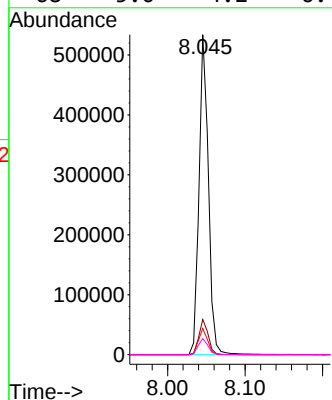
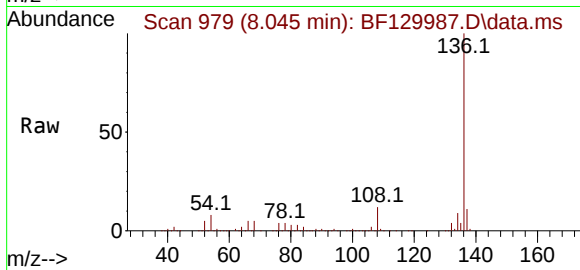


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:136 Resp: 448113

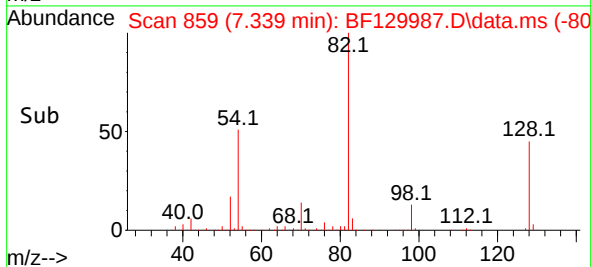
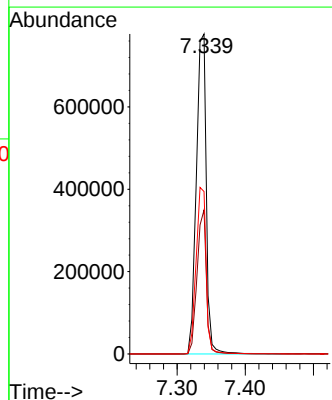
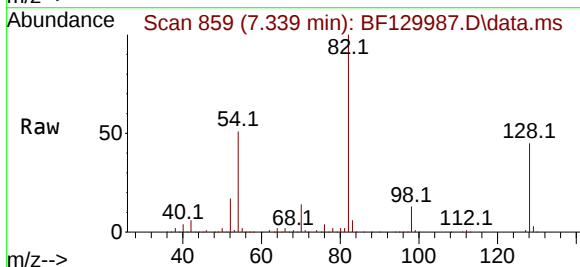
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.2	6.2	9.2
68	5.0	4.2	6.4

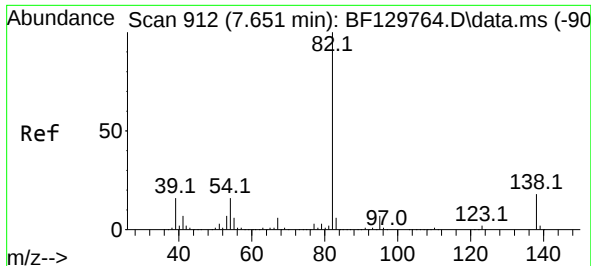


#23
Nitrobenzene-d5
Concen: 94.107 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion: 82 Resp: 787765

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	50.8	40.0	60.0

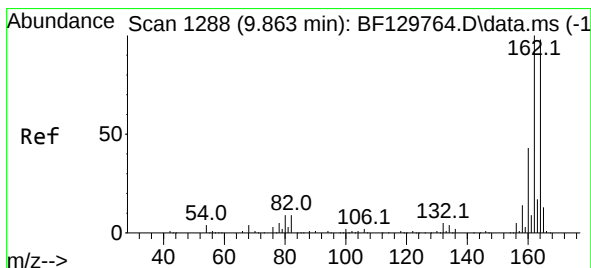
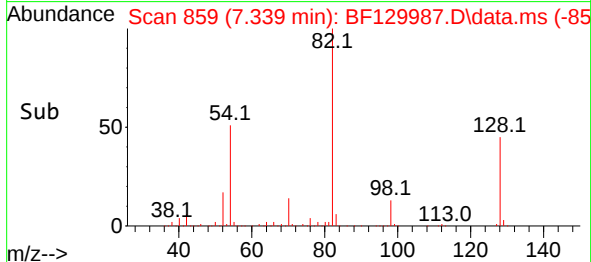
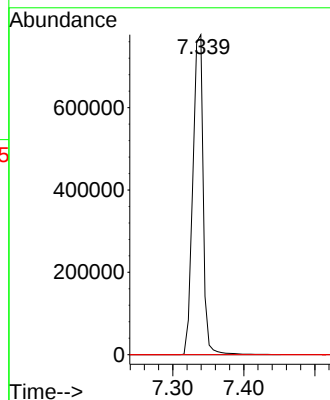
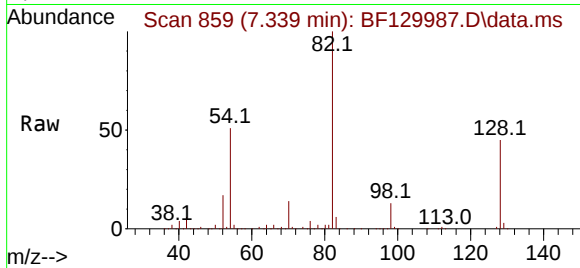




#25
Isophorone
Concen: 54.676 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

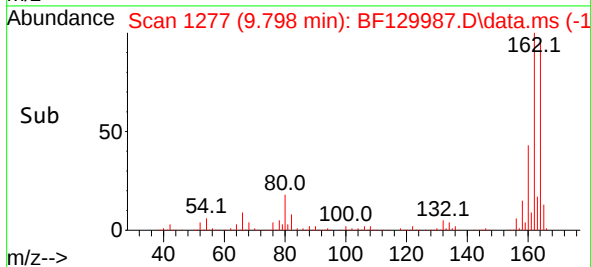
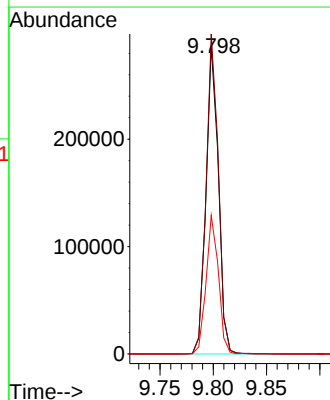
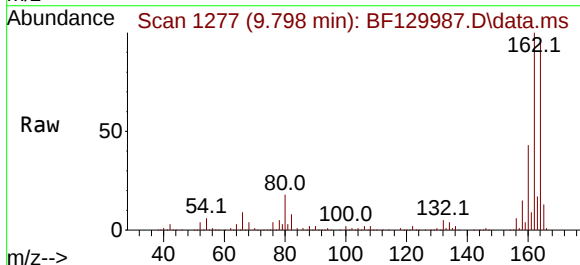
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ClientSampleId :
MW-101D

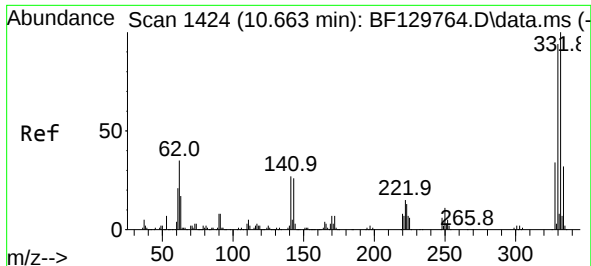
Tgt Ion: 82 Resp: 787757
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion:164 Resp: 232110
Ion Ratio Lower Upper
164 100
162 103.9 82.0 123.0
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 137.257 ng

RT: 10.598 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129987.D

Acq: 24 Aug 2022 23:53

Instrument :

BNA_F

ClientSampleId :

MW-101D

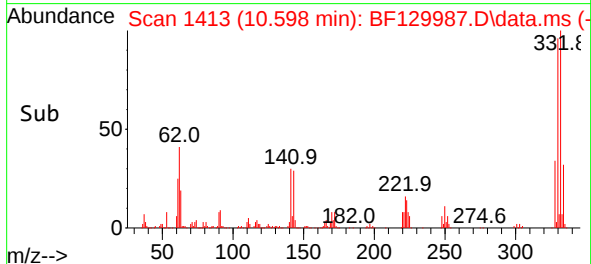
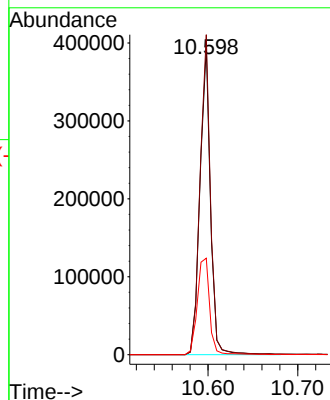
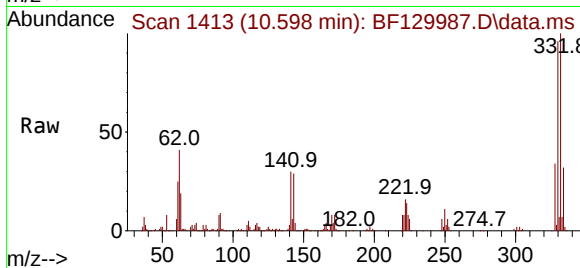
Tgt Ion:330 Resp: 319751

Ion Ratio Lower Upper

330 100

332 102.9 82.6 124.0

141 37.0 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 93.547 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129987.D

Acq: 24 Aug 2022 23:53

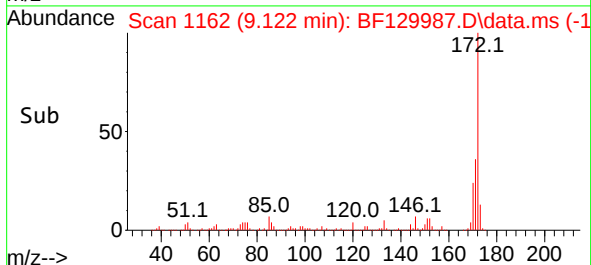
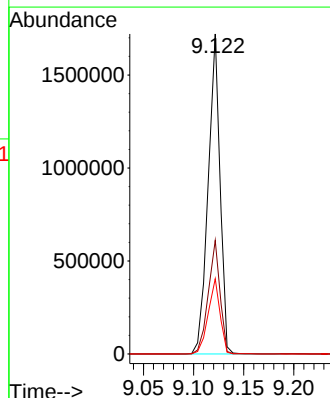
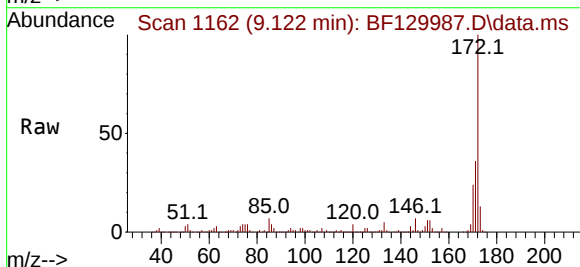
Tgt Ion:172 Resp: 1429626

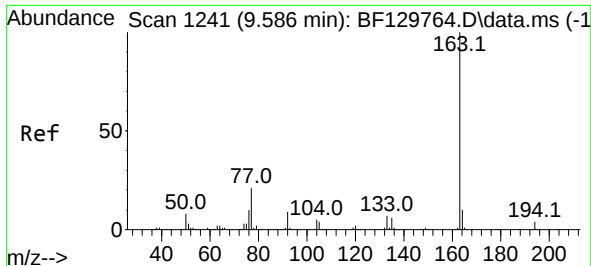
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 19.1 28.7

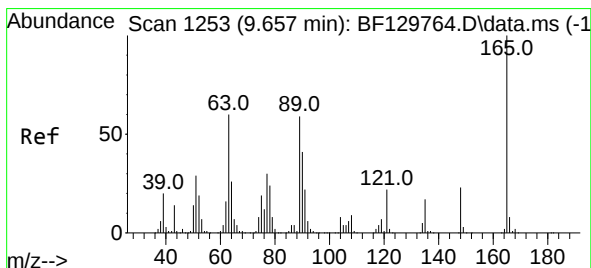
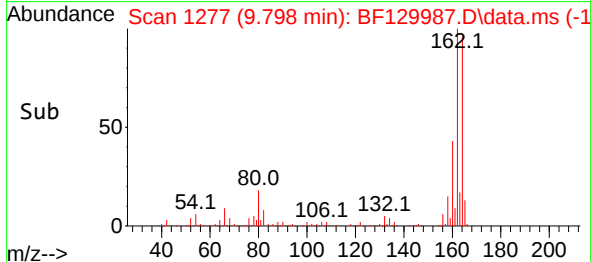
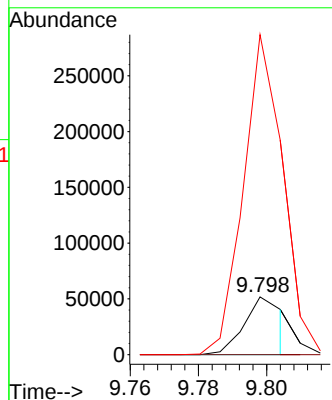
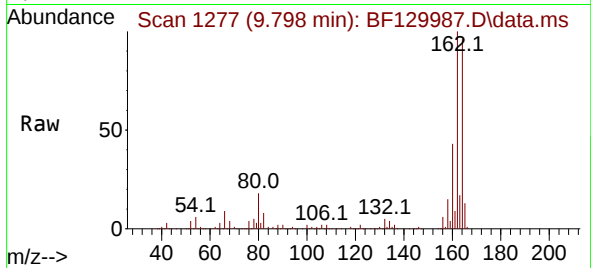




#50
Dimethylphthalate
Concen: 2.443 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

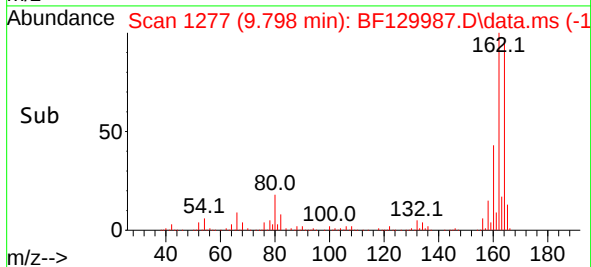
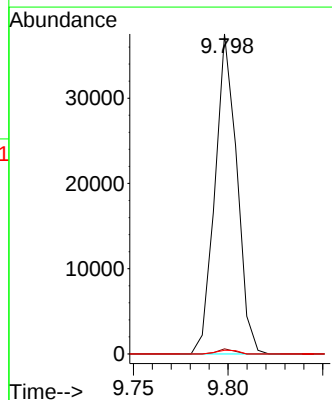
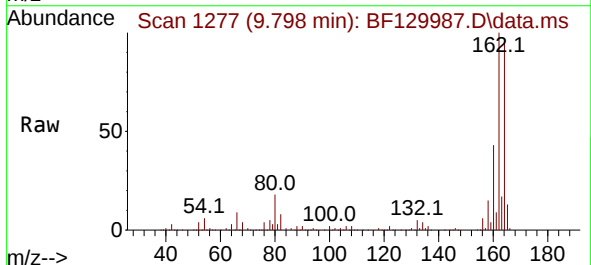
Instrument :
BNA_F
ClientSampleId :
MW-101D

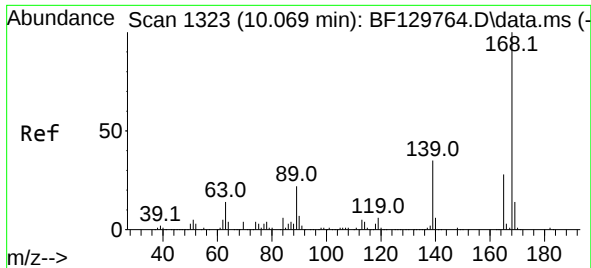
Tgt Ion:163 Resp: 40651
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 554.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.375 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion:165 Resp: 30230
Ion Ratio Lower Upper
165 100
63 1.6 47.8 71.8#
89 1.1 47.2 70.8#

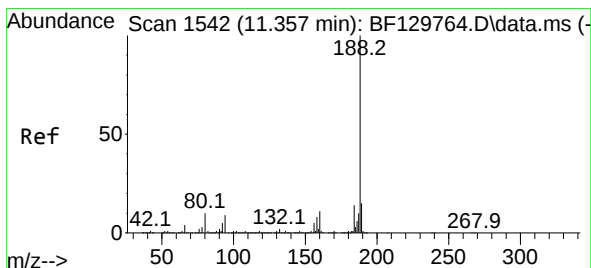
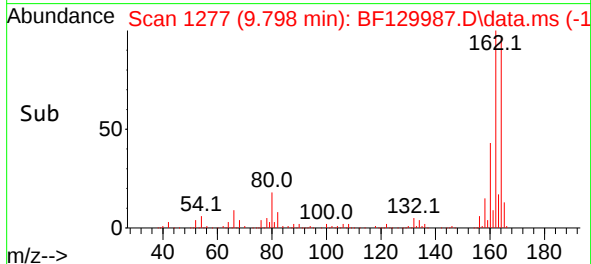
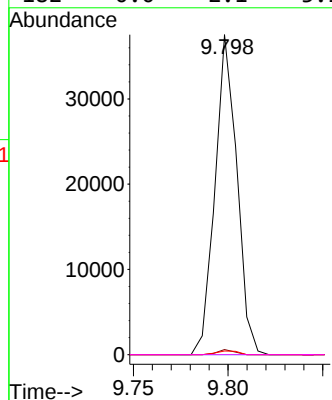
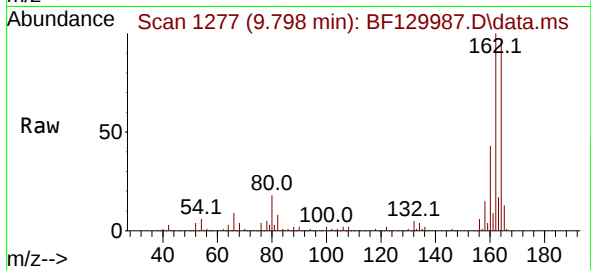




#57
2,4-Dinitrotoluene
Concen: 6.452 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

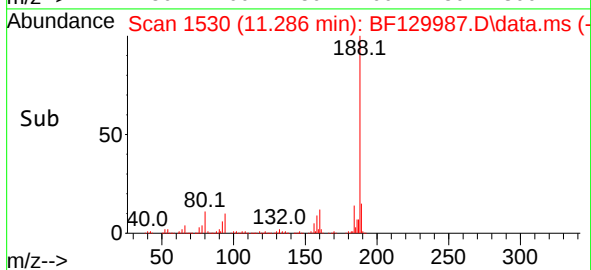
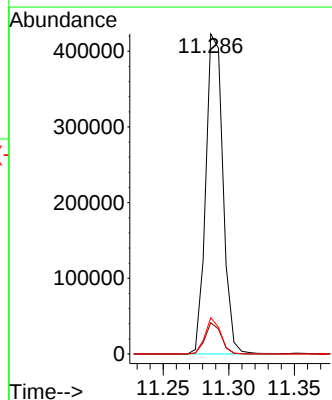
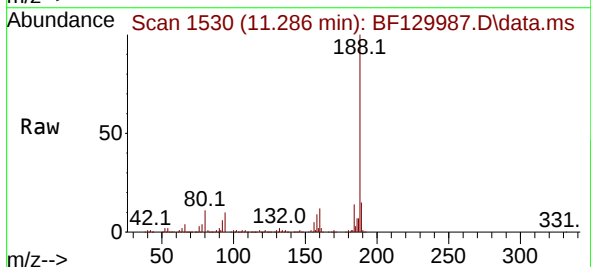
Instrument :
BNA_F
ClientSampleId :
MW-101D

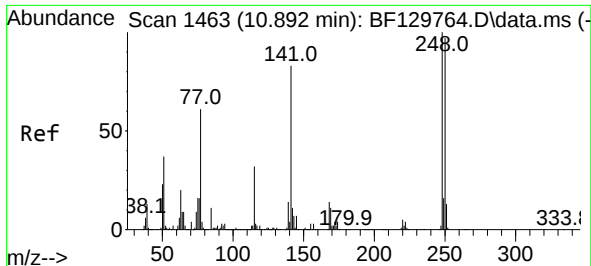
Tgt Ion:165 Resp: 30230
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion:188 Resp: 386918
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.3 7.9 11.9

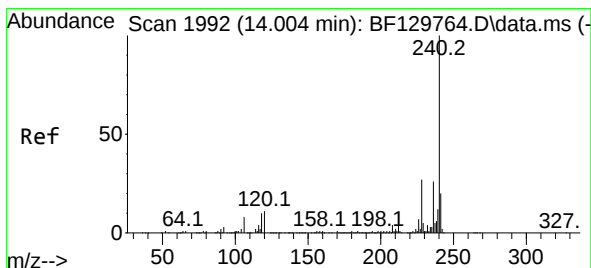
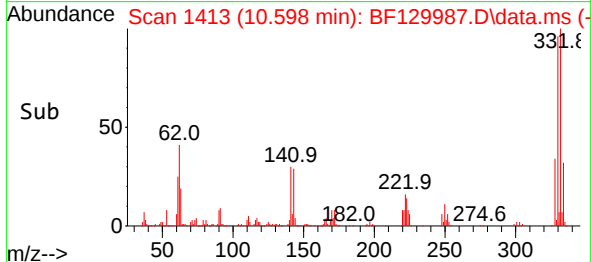
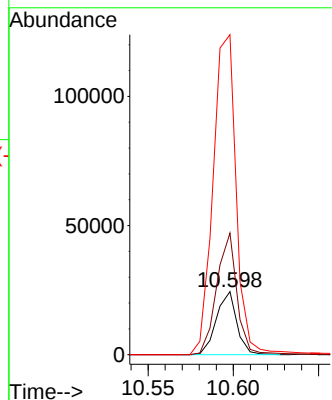
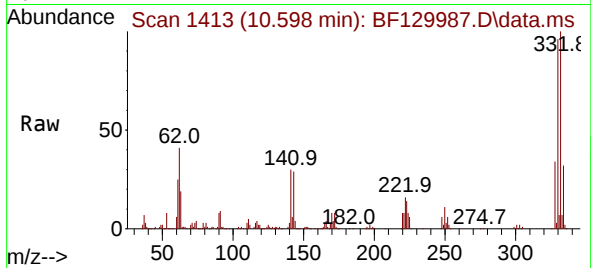




#67
4-Bromophenyl-phenylether
Concen: 4.497 ng
RT: 10.598 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

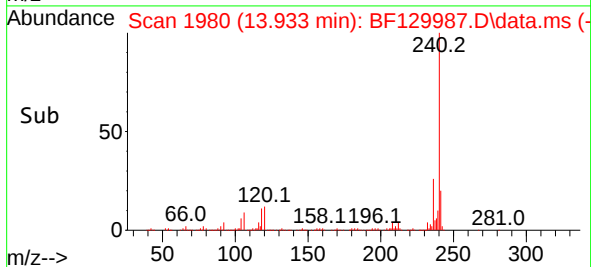
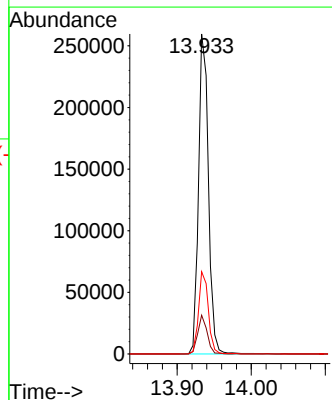
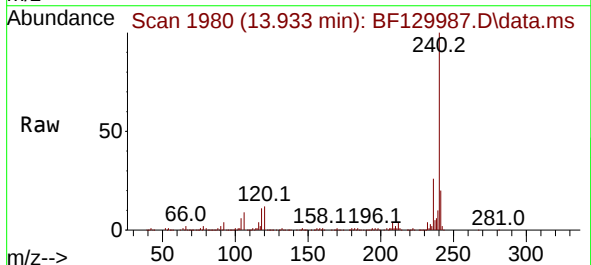
Instrument :
BNA_F
ClientSampleId :
MW-101D

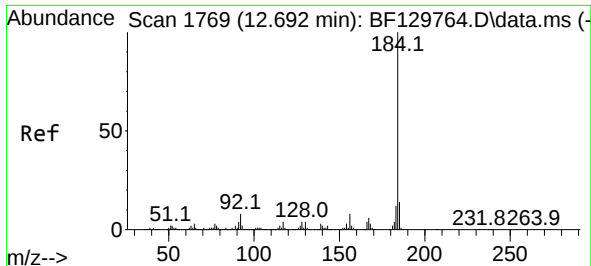
Tgt Ion:248 Resp: 20379
Ion Ratio Lower Upper
248 100
250 192.7 77.8 116.6#
141 506.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion:240 Resp: 239698
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.7 20.7 31.1

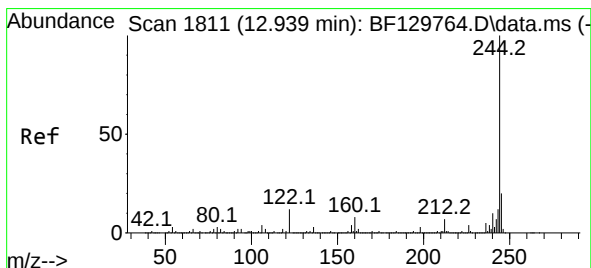
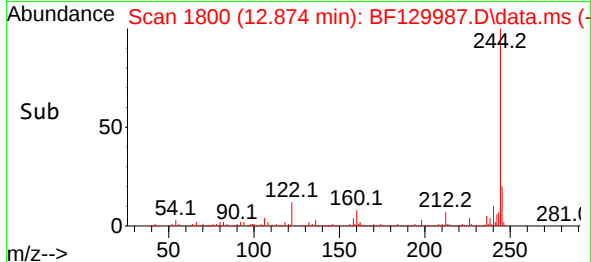
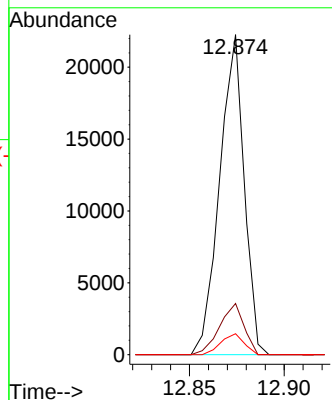
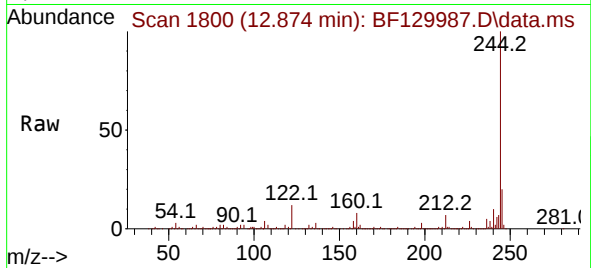




#77
Benzidine
Concen: Below Cal
RT: 12.874 min Scan# 1800
Delta R.T. 0.241 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

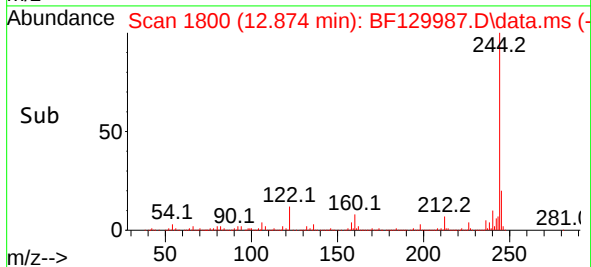
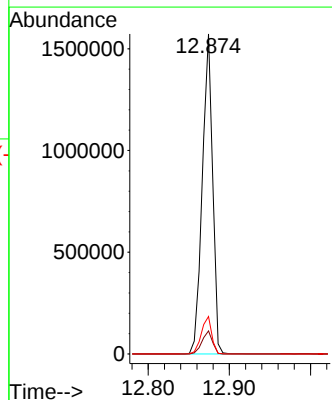
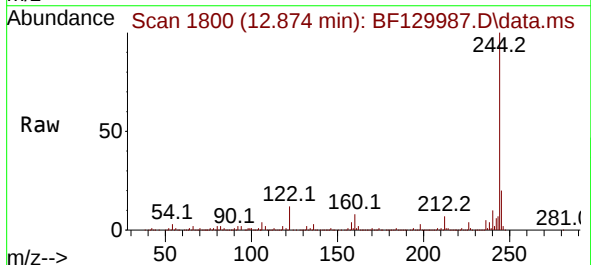
Instrument :
BNA_F
ClientSampleId :
MW-101D

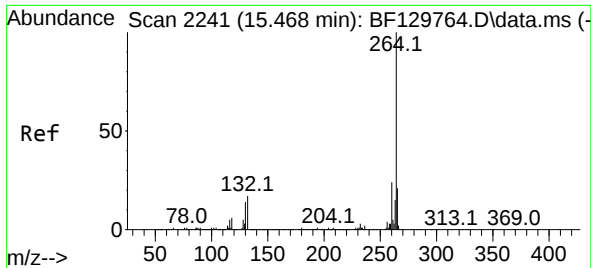
Tgt Ion:184 Resp: 20035
Ion Ratio Lower Upper
184 100
185 16.0 11.4 17.2
183 6.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 96.655 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF129987.D
Acq: 24 Aug 2022 23:53

Tgt Ion:244 Resp: 1392366
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.7 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: BF129987.D
Acq: 24 Aug 2022 23:53

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:264 Resp: 210208

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.1	28.7
265	21.9	16.7	25.1

